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**PROGRAM**  
**NINETY-SIXTH ANNUAL MEETING**  
**MIDWESTERN PSYCHOLOGICAL ASSOCIATION**  
**APRIL 18-20, 2024**  
**CHICAGO**

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**NEXT YEAR'S MEETING**

April 10-12, 2025, Chicago

**Twitter:**  
**@MidwesternPsych**  
**#2024MPA**

**Thursday Morning:**  
Registration in Exhibit Hall 7:30AM-5:00PM

Room	8:30AM – 10:20AM	10:30AM – 12:20PM
Upper Exhibit Hall	Psi Chi: 8:30-9:20 Posters I (p. 346) 9:30-10:20 Posters II (p. 358)	Psi Chi: 10:30-11:20 Posters III (p. 370) 11:30-12:20 Posters IV (p. 382)
Ashland	QUIET ROOM	
Crystal		<i>MPA Presidential Invited Address:</i> Michael Zarate (p. 42)
Salon 1	Interpersonal Aggression (p. 31)	SYM: Intersectional Perspectives on Stereotypes, Identity, and Belonging in STEM (p. 42)
Salon 2	Psi Chi Symposium I (9-950a, p.342) Psi Chi Symposium II (10-1050a, p.342)	Psi Chi Symposium III (1100-1150a, p.342)
Salon 3	Emotion & Health (p. 38)	Understanding & Attenuating Student Stress & Anxiety (p. 54)
Salon 4/9	PD: 830a - The Past, Present, and Future of Neuropsychology (p. 27); Exploring careers in counselling (p. 41)	Behavioral Neuroscience and Broad Perspectives on Measurement (p. 45)
Salon 5/8	Political Psychology (p. 34)	SYM: Structural Barriers in Maternal Mental Health Disparities in Latinx Mothers (p. 43)
Salon 6/7	Persuasion and Marketing (p. 33)	Health, Stress, & Diversity (p. 50)
Salon 10	Health Across the Lifespan (p. 29)	Child, Adolescent, and Family-related Mental Health (p. 47)
Salon 12	STP Keynote: Mikki Hebl (830a-930a; p. 311)	Perception & Memory (p. 52)
Indiana	Clinical Measurement (p. 28)	MPA Invited Talks: 1030a-Bridging the Gap between Research and Practice (p. 40) 1110a-Open Science 201 (p.56)
Kimball		INV SYM: The January 6th Insurrection as 'A Teaching Moment' Demonstrating the Relevance of Psychology (p. 44)
Logan	PD: 830a - EEG-based labs at PUIs (p. 27); PD: 930 – Growing research labs at PUIs (p. 40)	PD: 1030a - Teaching statistics (p. 41); 1130a – Designing high quality survey items (p. 56)
Wilson	Stereotypes & Impressions (p. 36)	COVID-19 and Psychology (p. 48)

**Thursday Afternoon**  
Registration in Exhibit Hall 7:30AM-5:00PM

Room	1:00PM – 2:50PM	3:00PM – 4:50PM
Upper Exhibit Hall	Psi Chi: 12:30-1:20 Posters V (p. 394) 1:30-2:20 Posters VI (p. 405) 2:30-3:20 Posters VII (p. 417)	Cognitive and Behavioral Neuroscience Posters (3:30-4:45p p. 84)
Ashland	QUIET ROOM	
Crystal		INV SYM: A Festschrift Honoring Dr. Kip Williams: Finally Being Included (p. 72)
Salon 1	SYM: Understudied populations and constructs of relationship based violence (p. 60)	Inclusive Practices in Education (p. 77)
Salon 2	Psi Chi Symposiums IV (130-220p, p. 343) Data Blitz I (230-320p, p. 344)	Psi Chi Symposium VI (330-420p, p. 343)
Salon 3	Relationship Dynamics & Decisions (p. 66)	Psi Chi Symposium V (3-350p, p. 343) Psi Chi Symposium VII (4-450p, p. 344)
Salon 4/9	INV SYM: From Magic to Memory: Eye Movements, Cognition, and the Brain (p. 58)	PD: 3p - Applying 101: Masters and Doctoral Psychology Programs (p. 71); 4p - Sustainable Behavior in Institutions of Higher Education (p. 84)
Salon 5/8	SYM: Influence of Identity on Intra/Interpersonal Outcomes Associated with Goal Pursuit (p. 59)	Health & Coping Psychology (p. 80)
Salon 6/7	Political Orientation (p. 65)	Emotion (p. 75)
Salon 10	Health, Stress, & Well-being (p. 63)	SYM: Sexual Trauma, Self-Compassion, and Perceptions about Sex & Disability (p. 71)
Salon 12	Cognition and Learning (p. 62)	Memory and Reasoning (p. 78)
Indiana	Trauma and Traumatic Experiences (p. 68)	Multicultural & Multiracial Perspectives (315p, p. 82)
Kimball	PD: 1p-The Flexible Approach to Personality Assessment (p. 56); 2p-Understanding and addressing perfectionism in therapy (p. 70)	PD: 3p- Eastern Perspectives to Acceptance and Commitment Therapy for Healthcare Workers (p. 70); 4p - Introduction to Positive Psychotherapy (p. 83)
Logan	PD: 1p- Faculty Perceptions of Undergraduate Students (p. 57); Introduction to Suicide Prevention (p. 70)	PD: 3p- Me vs. ChatGPT (p. 71); 4p - Strengthening Working Alliance within Professional Psychology using Multicultural Skills (p. 84)
Wilson	SYM: Weight related Experiences of Higher Weight Sexual Minority Individuals: Mixed methods Perspectives (p. 61)	Confronting & Suppressing Prejudice (p. 74)

**Social Hour: 5:00PM – 7:00PM (p. 107)**

Empire Ballroom (Adjacent to Main Lobby) - All are invited!

**Friday Morning**  
 Registration in Exhibit Hall 7:30AM-3:00PM

Room	8:30AM – 10:20AM	10:30AM – 12:20PM
Upper Exhibit Hall	8:30a - Clinical & Developmental Poster Session I (p. 112) 10:00a - Basic and Applied Psychology Posters (p. 142) 10:00a – STP Poster Session (p. 314) 10:00a – SCRA Poster Session (p. 323)	1130a - Clinical & Social Psychology Poster Sessions (p. 162)
Ashland	QUIET ROOM	
Wabash		INV SYM: Skin Deep: Considerations for Psychological Examination of Colorism (p. 149)
Red Lacquer	Psi Chi Awards Presentation and Diversity Event (p. 428)	<i>Dr. Jessica Schleider, Psi Chi Keynote Speaker and Conversation Hour (p. 429)</i>
Crystal	<i>MPA Presidential Invited Address: Taosheng Liu (p. 141)</i>	<i>MPA Presidential Invited Address: Cynthia Pickett (p. 161)</i>
Salon 1	<i>9a - SCRA Session (p. 332)</i>	Addiction & Substance Use (p. 151)
Salon 2	<i>9a - SCRA Session (p. 333)</i>	PD: 1030a- Micro and Macro Considerations in Seeking NSF Support (p. 149); 1130a- So you want to be a department chair? (p. 161)
Salon 3	Gender & Identity I (p. 133)	<i>11a - SCRA Session (p. 335)</i>
Salon 4	<i>Society for Teaching Psychology Roundtables (p. 312)</i>	
Salon 5/8	Prosocial Behavior & Empathy (p. 137)	Misinformation & Conspiracy Beliefs (p. 157)
Salon 6/7	Ideologies & Intergroup Processes (p. 135)	Regulation - Emotion & Control (p. 158)
Salon 9	<i>STP Keynote: Jordan Wagge and Alexandar Swan (p. 318)</i>	Adult Psychopathology (p. 153)
Salon 10	PD: 830a-A Critical Review of the DSM-5-TR (p. 110); 930a-Introduction to personality Assessmen (p. 141)	PD: 1030a- Towards Affirming Therapy (p. 149); 1130a- Suicidal and Non-Suicidal Self-Injury Behaviors (p. 162)
Salon 12	SYM: Emotion Regulation Outcomes: Insights into LGBTQ+ Risk and Protective Factors (p. 108)	Language & Cognition (p. 155)
Wilson	Race & Race-Based Perceptions (p. 139)	SYM: Challenges, Consequences, & Strategies for Discussing Interpersonal & Social Issues (p. 150)
Indiana	<i>Division 27: Society for Community Research and Action Symposia and Roundtables (p. 333)</i>	
Kimball		
Logan		
Madison		
Marshfield		

**Friday Afternoon**  
Registration in Exhibit Hall 7:30AM-3:00PM

<b>Room</b>	<b>1:00PM – 2:50PM</b>	<b>3:00PM – 4:50PM</b>
Upper Exhibit Hall	Psi Chi: 1:00-1:50 Posters VIII (p. 433) 2:00-2:50 Posters IX (p. 445)	
Ashland	QUIET ROOM	
Wabash	SYM: Promoting Inclusive Environments for Marginalized Group Members (p. 193)	
Red Lacquer		<i>MPA Award Ceremony and Presidential Address (p. 196)</i>
Crystal	INV SYM: “Giving Psychology Away” to the Public in the 21st Century (p. 188)	
Salon 1	SYM: Assessing Risk for Posttraumatic Stress Disorder Tailored to Specific Populations (p. 186)	
Salon 2	Psi Chi Data Blitz II (1:00-1:50p, p.430) Psi Chi Data Blitz III (2:00-2:50p, p.431)	
Salon 3	Educational Psychology (p. 192)	
Salon 4	<i>Society for Teaching Psychology Roundtables (p. 312)</i>	
Salon 5/8	Bias toward LGBTQ Individuals (p. 190)	
Salon 6/7	SYM: Divided: Open-Mindedness and Dogmatism in a Polarized World (p. 187)	
Salon 9	Psi Chi Symposiums VIII (1:00-1:50p, p.429) Psi Chi Symposiums IX (2:00-2:50p, p.430)	
Salon 10	PD: 1p - The Curious Case of Childhood Trauma (p. 183); 2p - Exploring Collective Healing in Communities of Color (p. 194)	
Salon 12	Attention & Memory (p. 189)	
Wilson	<i>MPA Presidential Invited Address: Ruchika Prakash (p. 185)</i>	
Indiana		
Kimball	<i>Division 27: Society for Community Research and Action Symposia and Roundtables (p. 340)</i>	
Logan		
Madison		
Marshfield		

**Presidential Reception: 8:00PM – 11:00PM (p. 198)**  
Empire Ballroom (Adjacent to Main Lobby) - All are invited!

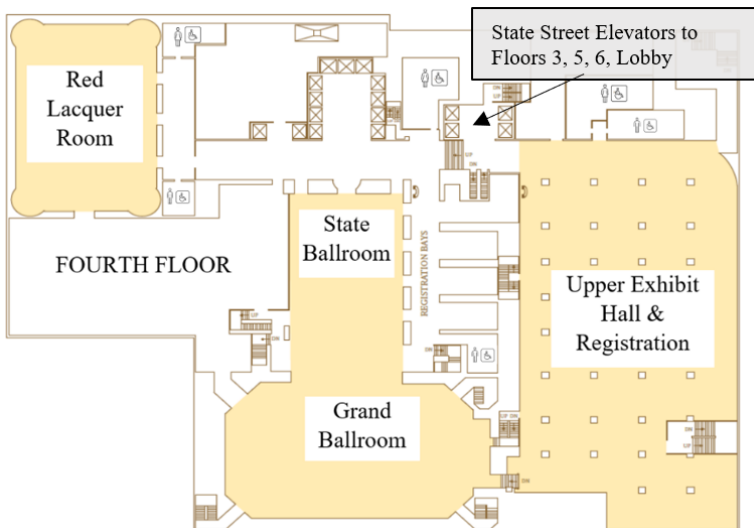
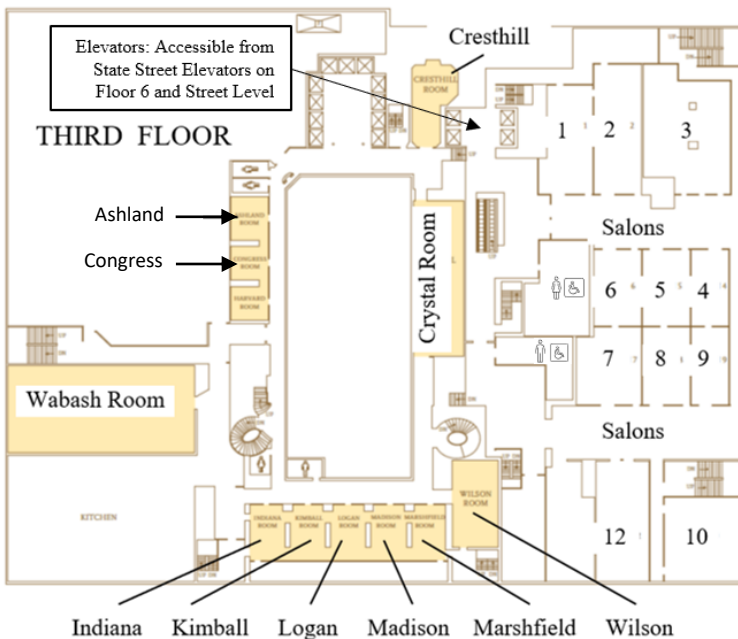
**Saturday**

Registration in Exhibit Hall 8:00AM-12:00PM

<b>Room</b>	<b>8:30-10:20AM</b>	<b>10:30AM-12:20PM</b>	<b>12:30PM-2:20PM</b>
Upper Exhibit Hall	Social Psychology Posters I (830a, p.202) Social Psychology Posters II (10a, p. 232)	Applied Social Psychology Posters (1130a, p. 263)	Clinical and Developmental Poster Session II (1p, p. 288)
Ashland	QUIET ROOM		
Salon 1	Child & Adolescent Development (p. 224)	SYM: Impact of Trauma across the Lifespan on Multi-Valanced Emotion Processing (p. 255)	College Students, Emerging Adults and Well-being (p. 282)
Salon 2	College & Academics (p. 225)	Ostracism & Social Rejection (p. 257)	
Salon 3	SYM: Effects of Media Multitasking: Cross-Sectional, Experimental, and Longitudinal Evidence (p. 201)	Sex & Well-being (p. 260)	
Salon 4	<i>STP Roundtables II (9:40-1:00p; p. 320)</i>		
Salon 5/8	Industrial/Organizational Psychology (p. 227)	Personality & Individual Differences (p. 258)	Gender & Identity II (p. 285)
Salon 6/7	Social Judgment & Decision Making (p. 230)	Social Judgments & Stereotypes of Minoritized Groups (p. 261)	SYM: Shifting Blame and Praise: Agency in Ourselves and Others (p. 287)
Salon 9	<i>STP Symposia (930-130p; p. 321)</i>		
Salon 10	Parents, Peers, & Culture - Relationships in Context (p. 228)	SYM: From Weak Ties to Intimate Partnerships: Insights from Relationship Science (p. 254)	Culture & Well-being (p. 284)
Salon 12	<i>MPA Presidential Invited Address: Sharon Bowman (p. 232)</i>	Memory & Belief (p. 256)	

The *Call for Papers* for next year's meeting (April 10-12, 2025) will be posted September 1, 2024 at [www.midwesternpsych.org](http://www.midwesternpsych.org).

## MAPS OF MEETING ROOMS





## PRESIDENT'S MESSAGE

I am delighted to welcome everyone to the 96th annual meeting of the Midwestern Psychological Association! This year, MPA continues its tradition of featuring talks, posters, roundtables, and workshops on cutting-edge research, teaching, and professional development. Among the presenters are undergraduate students giving their first-ever conference talk or poster, full professors discussing their decades-long programs of work, and everyone in between. MPA continues to thrive and draw large numbers of submissions and attendees due to its reputation for showcasing high-quality science in an inclusive and welcoming atmosphere. This year's conference will do the same! The 2024 meeting includes the main MPA program, the Psi Chi program, the Society for the Teaching of Psychology (STP) program, and the Society for Community Research and Action (SCRA, Division 27 Interest Group) program.

This year, MPA is fortunate to welcome a tremendous set of Presidential Invited speakers: Sharon Bowman, Taosheng Liu, Cynthia Pickett, Ruchika Prakash, and Michael Zarate. These outstanding scholars will share their work on disciplines including developmental psychology, neuropsychology, cognitive psychology, clinical psychology, and social psychology. In addition, the conference features several other invited speakers, five invited symposia, and a set of professional development sessions on topics such as grant seeking, building research labs at teaching-focused institutions, using AI in classroom settings, and many more.

Crafting the full and vibrant MPA program is no small task. I wish to thank and acknowledge this year's Program Chair, Eric Wesselmann, along with all the members of the program committee for their tireless work in vetting and selecting submissions and inviting an impressive set of scholars to enrich our conference experience.

The Psi Chi, Society for the Teaching of Psychology, and the Society for Community Research and Action programs also feature terrific sets of speakers and sessions. I wish to express my sincere appreciation to our Psi Chi organizer (Cosette Fox), our STP organizers (Deborah Miller, Steven Meyers, and Todd Manson), and our SCRA organizers (Moshood Olanrewaju, Ieisha Taylor, and FaKelia Guyton) for their time, efforts, and many contributions to the conference.

There are a host of other individuals who do critical work, often behind the scenes, without which the conference simply would not happen. They have my thanks and

appreciation. These individuals include members of MPA Council, Michael Bernstein (MPA Executive Officer), Kimberly Rios and Jim Wirth (Associate Executive Officers), Lorraine Grogan (MPA Convention Manager), Daren Kaiser (Treasurer), Bernard Dugoni (Historian), and Allen McConnell (Investment Committee Chair).

Finally, I wish to thank all the MPA attendees – the undergraduate and graduate students, post-docs, and faculty – who travel to Chicago to share with our community their scientific discoveries, pedagogical strategies, and professional development insights. The knowledge, excitement, and warmth they bring each year is what makes MPA the special conference that it has always been.

I wish you all a terrific conference.

Heather M. Claypool, President

## GENERAL INFORMATION

### Purpose

The primary purpose of the Midwestern Psychological Association (MPA) is to promote the advancement of psychological science by conducting an annual meeting at which papers, posters, and symposia addressing psychological research may be presented.

The 3000+ attendees of MPA make it one of the largest regional psychological organizations. Members hold positions in universities, colleges, hospitals, clinics, school systems, business and industry, government and private practice. They teach, conduct research in laboratory, field, and industrial settings, engage in assessment and therapy, and serve as administrators and consultants. Their interests are among the most diverse in any professional association: from the physiology of vision to social stereotyping, from political psychology to medical psychology, from organizational behavior to children's language development, from memory to depression, from sex roles to drug addiction.

The MPA Annual Meeting is open to all psychologists, students, and members of the public who are interested in the scientific study psychology and in sharing the results of their findings with others.

### Membership

Faculty, post-docs, or professionals may join MPA by completing a membership application online as a faculty/post-doc/professional: [www.midwesternpsych.org](http://www.midwesternpsych.org). Online membership dues are \$45 for one year or \$120 for three years. Graduate student membership and registration are combined into one payment (\$25 for membership and \$35 for early registration/\$65 for regular or onsite registration). MPA's fiscal year runs July 1 through June 30; **all dues expire at the end of the fiscal year**. There is no geographic restriction on membership. Members whose dues are not current may renew their membership at registration.

Undergraduates cannot become members of MPA. However, undergraduates are welcome to register and attend the conference. Undergraduates should register for the meeting in advance online: [www.midwesternpsych.org](http://www.midwesternpsych.org).

## **Registration**

All attendees should register for the meeting in advance:

[www.midwesternpsych.org](http://www.midwesternpsych.org). Advanced registration fees are \$55 for regular MPA members, \$35 for graduate student members, \$45 for undergraduates, and \$135 for all other attendees. Attendees who preregister for the meeting will have a name badge ready for them when they arrive. All other attendees can register onsite.

Registrations **cannot be switched** between people. **All attendees must register. New badges will not be made** so please do not forget or lose your registration badge.

**An additional registration fee will apply to onsite registration.**

### **Onsite Registration Costs are as follows:**

Faculty Members: \$100 (does not include membership)

Grad Students: \$65 + \$25 for membership

Undergraduates: \$80

Non-Members: \$155

Individuals looking for a single session “Family Pass” can go to the registration desk to purchase a pass for each person in the family that is good for a single session. All other aspects of registration remain the same.

### **Registration Location and Times:**

**Location:** Upper Exhibit Hall (Fourth Floor)

**Times:** Wednesday: 4:00PM – 8:00PM

Thursday: 7:30AM – 5:00PM

Friday: 7:30AM – 3:00PM

Saturday: 8:00AM – 12:00PM

### **Accessibility Considerations**

The Palmer House is accessible for wheelchairs and all floors can be reached by elevator. However, the main elevators do not stop at the Exhibit Halls or the Floor 3. To get to Floor 3 and the Exhibit Halls, attendees can take the State Street Elevators (see pages 7 and 8 of program) from either the Street Level or from Floor 6. They can then access the Exhibit Hall and Floor 3.

Persons needing assistance can contact the convention manager, Ms. Lorraine

Grogan, who will attempt to arrange a volunteer to assist them during the hours they will be attending. Please contact Ms. Grogan as soon as possible to request such arrangements (see page 18).

NOTE: The Empire Room is accessible via the stairs from the lobby. There is a lift available for anyone wishing support up the stairs. Anyone wishing to use the lift should call hotel security at (312) 726-7500 (extension, 5565) and request an officer to assist with the lift. Alternatively, anyone wishing support can find one of the MPA Executive Officers (or email them at [MidwesternPsych@googlegroups.com](mailto:MidwesternPsych@googlegroups.com) to make such arrangements). Additionally, a volunteer should be at the bottom of the stairs and know how to contact security.

**Bathroom Accessibility:** All bathrooms on floors 3 and 4 (and the lobby) are accessible for people using wheelchairs. The bathrooms on floor 3.5 by Ashland and by Indiana are not accessible, however. The maps include this information.

**There is a Gender Neutral Bathroom on the 6<sup>th</sup> Floor by the Grant Park Parlor.**

### **MPA Code of Conduct**

The Midwestern Psychological Association aims to provide a harassment-free conference experience for everyone, regardless of gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age, religion, or nationality. We do not tolerate harassment of conference participants in any form. Conference participants violating these rules may be expelled from either specific or all remaining conference events without a refund at the discretion of the conference organizers.

Harassment includes, but is not limited to:

- Aggressive or hostile verbal comments that reinforce social structures of domination related to gender, gender identity and expression, sexual orientation, disability, physical appearance, body size, race, age, religion, nationality
- Sexual images in public spaces
- Deliberate intimidation, stalking, or following
- Harassing photography or recording
- Sustained disruption of talks or other events

- Inappropriate physical contact
- Unwelcome sexual attention
- Advocating for or encouraging any of the above behavior
- Harassing MPA staff while they are performing the duties of organizing the conference

We expect participants to follow these rules at all event venues and event-related social activities.

Palmer House Security: (312) 726-7599

Local law enforcement: Chicago city police, 311 or (312) 732-1440 (Non-emergency numbers, dial 911 in an emergency)

Local sexual assault hot line: Chicago Rape Crisis Hotline 24/7 hotline, 1-888-293-2080

**Attendees who have family members coming to support them are responsible for their family members' behavior during the conference and must ensure that they too follow the Code of Conduct.**

### **Information about Chicago**

The Palmer House has concierge service in the main lobby. The concierge can help you arrange reservations and transportation to restaurants and Chicago attractions during your stay.

### **Location and Directions**

The Palmer House is located in downtown Chicago (“the Loop”) at 17 East Monroe, between State and Wabash. The phone number is (312) 726-7500.

## Map of Downtown Chicago

<b>90/94</b>	Dearborn				Lake Shore	
	Washington →					
	Madison ←					Millennium Park
	Monroe →	M				Art Institute
	Adams ←		★	M		
	Jackson →					
	<b>290/ Congress</b>					

Star = Palmer House Hilton

M = Metra to/from airports

When taking public transportation from O'Hare International Airport, take the Blue Line train to Monroe/Dearborn stop. Take Monroe east to the hotel. The Palmer House is on the south side of the street. From Midway Airport, take the Orange Line from Midway to downtown. Get off at the Adams/Wabash stop. The Palmer House is located on the west side of Wabash Avenue.

### Parking

Parking is available at the Mid-Continental Plaza (55 E. Monroe, across Wabash from the Palmer House). Please contact the Palmer House for the daily rate. Two-way valet parking is also available at the Wabash entrance to the hotel. Rates include in/out privileges.

Vans can be parked if their height is 6'7" or less. Larger vans can be parked in the surface lot at Van Buren and Wabash (2 blocks south). Additional lots are also available south of the Palmer House. Rates are subject to change.

### **Airport Connections**

For information about airport connections to the Palmer House, visit the Hotel/Travel page of the MPA website. The site includes information about shuttles, public transit, and estimated cab fare to and from the airports.

### **Hotel Reservations**

You may reserve a room at the reduced conference rate through the Hotel/Travel page of the MPA website: <http://midwesternpsych.org>. Staying at the Palmer House supports MPA and helps keep membership and registration costs low.



## **MPA Officers**

<b>President:</b>	Heather M. Claypool, Miami University
<b>Past-President:</b>	Helen C. Harton, University of Northern Iowa
<b>President-Elect:</b>	Shira Gabriel, SUNY Buffalo
<b>Council Member:</b>	Christine Smith, Grand Valley State University
<b>Council Member:</b>	Rosalyn Davis, Indiana University Kokomo
<b>Council Member:</b>	Jiuqing Cheng, University of Northern Iowa
<b>Executive Officer:</b>	Michael J. Bernstein, Pennsylvania State University Abington College
<b>Associate Executive Officers:</b>	Kimberly Rios, Ohio University Jim Wirth, The Ohio State University
<b>Treasurer:</b>	Daren Kaiser, Indiana University-Purdue University Fort Wayne
<b>Historian:</b>	Bernard L. Dugoni, University of Chicago
<b>Investment Committee Chair:</b>	Allen R. McConnell, Miami University

## **Program Moderator**

Dr. Eric Wesselmann, Illinois State University

## **Program Committee**

Vrinda Kalia – Miami University (2021-2023)

Jennifer T Stanley – University of Akron (2022-2024)

Jessica Rohlfing Pryor –Northwestern University (2022-2024)

Jiuqing Cheng – University of Northern Iowa (2022-2024)

BJ Rydell – Indiana University (2022-2024)

Paige Lloyd – Denver University (2022-2024)

Tessa Benson Greenwald – University of Pittsburgh (2023-2025)

Russ Webster – Penn State Abington (2023-2025)

KatieAnn Skogsberg – Centre College (2023-2025)

Peter Pierre – University of Wisconsin-Madison (2023-2025)

Jonathan J Hammersley – Western Illinois University (2023-2025)

Randy McCarthy – Northern Illinois University (2023-2025)

*The Program Moderator for the 2025 conference will be Dr. Paige Lloyd,  
University of Denver*

**Convention Manager and Volunteer Coordinator**

Lorraine Grogan

ConferenceDirect®

Phone: 412-398-2182 (cell)

Email: Lorraine.Grogan@conferencedirect.com

**MPA Executive Officer**

Michael J. Bernstein

Psychological and Social Sciences Program

Penn State University Abington College

Email: mjb70@psu.edu

**MPA Staff Assistants:**

Pamala N. Dayley (University of California – Los Angeles)

## 2024 GRADUATE STUDENT PAPER AWARDS

*Mengdi Huang, Northwestern University*  
“*The Effect of Self-Concept Clarity on Decision-making*”

*Yiwen Zhong, Vanderbilt University*  
“*Effect of Active Engagement on Belief in Social Media Posts*”

*Jeanine Sempler, Indiana University Bloomington*  
“*Perceived Masculinity as a Mechanism of the Race-based Size Bias*”

*Eleanor Joanne Junkins, University of Illinois Urbana-Champaign*  
“*Not like everybody else, but we’re the same: Queer meta-science*”

*Irene Xu, University of Notre Dame*  
“*Unreliability Across 36 Versions of the Emotional Dot Probe*”

## NEW MPA FELLOWS

*Kristin C. Flora, Franklin College*

*Mark Brandt, Michigan State University*

*Rosalyn D. Davis, Indiana University Kokomo*

*Thomas A Wrobel, University of Michigan-Flint*

*Patrick J Cushen, Murray State University*

*Russ Webster, Penn State Abington College*

*Tammy L. Sonnentag, Xavier University*

*Angela G. Pirlott, Saint Xavier University*

*Election to Fellow status requires evidence of significant contributions to the discipline or psychology and/or service to MPA in terms of scholarship, productivity, leadership, and visibility.*

## MPA PAST PRESIDENTS

1928 Adam R. Gilliland	1960 Ross Stagner
1929 A. P. Weiss	1961 Marion E. Bunch
	1962 I. E. Farber
1930 Max F. Meyer	1963 Donald W. Fiske
1931 Louis L. Thurstone	1964 G. Robert Grice
1932 Herbert Woodrow	1965 Melvin H. Marx
1933 Horace B. English	1966 Carl P. Duncan
1934 John J. B. Morgan	1967 Donald T. Campbell
1935 John A. McGeoch	1968 James J. Jenkins
1936 Christian A. Ruckmick	1969 Edward L. Walker
1937 Harvey A. Carr	
1938 Arthur G. Bills	1970 Harold W. Hake
1939 Edmund S. Conklin	1971 Donald R. Meyer
	1972 David Ehrenfreund
1940 Joy Paul Guilford	1973 Frank Restle
1941 Elmer A. Culler	1974 M. Ray Denny
1942 J. P. Porter	1975 Winfred F. Hill
1943 Robert H. Seashore	1976 William N. Dember
1944 No meeting	1977 Nathan H. Azrin
1945 No meeting	1978 James G. Greeno
1946 Sidney L. Pressey	1979 Rudolph W. Schulz
1947 Dael L. Wolfle	
1948 Harry F. Harlow	1980 Donn Byrne
1949 B. F. Skinner	1981 James A. Dinsmoor
	1982 Kay Deaux
1950 Claude E. Buxton	1983 Bibb Latane
1951 William A. Hunt	1984 Judith P. Goggin
1952 Donald B. Lindsley	1985 June E. Chance
1953 David A. Grant	1986 Leonard D. Eron
1954 Judson S. Brown	1987 Neal F. Johnson
1955 Paul E. Meehl	1988 J. Bruce Overmier
1956 Benton J. Underwood	1989 Margaret J. Intons-Peterson
1957 William K. Estes	
1958 Delos D. Wickens	
1959 Arthur W. Melton	

## MPA PAST PRESIDENTS (continued)

- |                              |                          |
|------------------------------|--------------------------|
| 1990 Norman K. Spear         | 2020 Ximena Arriaga      |
| 1991 Geoffrey Keppel         | 2021 Ximena Arriaga      |
| 1992 Elizabeth E. Capaldi    | 2022 Ed Hirt             |
| 1993 Henry L. Roediger III   | 2023 Helen Harton        |
| 1994 David C. Riccio         | 2024 Heather M. Claypool |
| 1995 Rose T. Zacks           |                          |
| 1996 Ruth H. Maki            |                          |
| 1997 Susan Mineka            |                          |
| 1998 Douglas L. Medin        |                          |
| 1999 Alice H. Eagly          |                          |
|                              |                          |
| 2000 Norbert L. Kerr         |                          |
| 2001 Randy J. Larsen         |                          |
| 2002 Richard E. Petty        |                          |
| 2003 Thomas R. Zentall       |                          |
| 2004 Marilyn B. Brewer       |                          |
| 2005 Galen V. Bodenhausen    |                          |
| 2006 Ralph H. Erber          |                          |
| 2007 Kipling D. Williams     |                          |
| 2008 R. Scott Tindale        |                          |
| 2009 Judith Elaine Blakemore |                          |
|                              |                          |
| 2010 Janice Kelly            |                          |
| 2011 Donal Carlston          |                          |
| 2012 Mary E. Kite            |                          |
| 2013 Russell Fazio           |                          |
| 2014 Margo Montieth          |                          |
| 2015 John B. Pryor           |                          |
| 2016 William G. Graziano     |                          |
| 2017 Allen R. McConnell      |                          |
| 2018 Linda Skitka            |                          |
| 2019 Duane Wegener           |                          |

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Week 1 July 22-26	Week 2 July 29-August 2	Week 3 August 5-9
<p><b>Donald Meichenbaum, PhD &amp; David Meichenbaum, PhD</b> "High Risk" Children, Adolescents, &amp; Parents (5-Day Monday-Friday)</p> <p><b>Fred Heide, PhD &amp; Lee Becker</b> Medical Improvisation (5-Day Monday-Friday)</p> <p><b>Thomas Heinrich, MD &amp; Harold Harsch, MD</b> Inpatient Psychopharmacology &amp; General Hospital Psychiatry (2-Day Monday-Tuesday)</p> <p><b>David Mintz, MD</b> Psychodynamics &amp; Pharmacotherapy (2-Day Thursday-Friday)</p>	<p><b>Francis Lu, MD</b> Mindful Viewing of Films (5-Day Monday-Friday)</p> <p><b>Jeremy Miner</b> Grant Proposal Writing for Beginners (2-Day Monday-Tuesday)</p> <p><b>Kathleen Koth, DO</b> Autism &amp; Neurodevelopmental Disorders (2-Day Monday-Tuesday)</p> <p><b>Rebecca Anderson, PhD &amp; Sarah Trost, PhD</b> Pain Management (2-Day Thursday-Friday)</p> <p><b>Joseph Goveas, MD &amp; Makenzie Hatfield Kresch, MD</b> Geriatric Psychiatry (2-Day Thursday-Friday)</p>	<p><b>Beth Shaw, PhD &amp; Jessica Brumm-Larson, PhD</b> Dialectic Behavior Therapy (5-Day Monday-Friday)</p> <p><b>Sheldon Benjamin, MD</b> Neuropsychiatry Part 1 (2-Day Monday-Tuesday)</p> <p><b>Cecilia Hillard, PhD</b> THC Effects on the Brain (2-Day Monday-Tuesday)</p> <p><b>Sheldon Benjamin, MD</b> Neuropsychiatry Part 2 (2-Day Thursday-Friday)</p> <p><b>Laura Miller, MD</b> Women's Mental Health (2-Day Thursday-Friday)</p>

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**THURSDAY, APRIL 18, 2024**

Registration in Exhibit Hall 7:30AM – 5:00PM

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**Professional Development Sessions**

Thursday, April 18 | 8:30 AM-9:20 AM

Logan

**8:30 AM Developing EEG-based Research Labs at Primarily Undergraduate Teaching Institutions**

**Henry Yoon**, *Augsburg University*; Ben Denking, *Augsburg University*

This session provides a collaborative space to network with those working in primarily undergraduate teaching institutions who are considering or are currently using EEG-based measures. The co-presenters will share their recent experiences to illustrate the theoretical and practical implications of EEG-ERP research. All are welcome. No experience with EEG expected.

Thursday, April 18 | 8:30 AM-9:20 AM

Salon 4/9

**8:30 AM The Past, Present, and Future of Neuropsychology**

**Justyna Piszczor**, *The Chicago School of Professional Psychology*; Janina Kamm, *The Chicago School of Professional Psychology*

This session will provide a multifaceted exploration of clinical neuropsychology over the past 25 years across three principal domains: innovation, transformations in training, and future projections. Noteworthy perspectives gleaned from personal interviews with a diverse group of clinical neuropsychologists will be presented alongside insights drawn from contemporary literature.

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## Clinical Measurement

Thursday, April 18 | 8:30 AM-10:20 AM

Indiana

Moderator: Jeannette Stein, University of Michigan-Flint

### **8:30 AM The Autism Spectrum Trait Scale: Testing the Psychometric Properties**

**Salayna Abdallah**, *Cleveland State University*; **Amir Poreh**, *Cleveland State University*

A new scale for detecting autism underwent exploratory factor analysis (n = 764) to establish its factor structure, and confirmatory factor analysis (n = 754) to test the structure (nonoverlapping sample). Analysis yielded a six-factor model, criterion validity, metric measurement invariance, and adequate sensitivity and specificity.

### **8:45 AM Screening for Executive Functioning Skills Difficulties**

**Dan Koonce**, *Governors State University*; **Agnieszka Tulowiecka**, *Governors State University*

Research involving school-based interventions to address the executive functioning skills (EFS) of students for improving academic achievement has gained widespread attention over the past decade. The ROC curve analyses suggest that Plan/Organize and Task Completion scales are efficient in for predicting students who are at risk for executive functioning difficulties.

### **9:00 AM Educational Attainment and the CAP-Q Bipolar Disorder Scales**

**Jin Cho**, *Cleveland State University*; **Emily Lesco**, *Cleveland State University*; **MacKenzie McElhatten**, *Cleveland State University*; **Amir Poreh**, *Cleveland State University*

Bipolar disorder is a psychiatric mood disorder characterized by intense shifts in mood, energy, activity levels, and concentration. These fluctuations may implicate complications in academic settings. Lower education is often correlated with poorer quality of life. We examined the association between bipolar disorder and level of educational attainment.

### **9:15 AM Sensitivity & Specificity of Bipolar Scale and Borderline Personality Scale**

**Jin Cho**, *Cleveland State University*; MacKenzie McElhatten, *Cleveland State University*; Emily Lesco, *Cleveland State University*; Amir Poreh, *Cleveland State University*

Bipolar disorder and borderline personality disorder share affective instability as a core symptom for diagnosis. Due to this, borderline personality is often misdiagnosed as bipolar, which can have serious ramifications for course of treatment. This study examined the specificity and sensitivity of both bipolar and borderline personality scales.

### **9:30 AM Sociodemographic Representation in RCTs for Anxiety Disorders in the U.S.**

**Hannah Johnson**, *Southern Illinois University*; Andy Wall, *Southern Illinois University - Carbondale*; Myles Arendtson, *Southern Illinois University - Carbondale*; Ella Kerr, *Southern Illinois University*; Sarah Loew, *Southern Illinois University - Carbondale*; Clarissa Ong, *University of Toledo*; Alexa Skolnik, *University of Toledo*; Jennifer Krafft, *Mississippi State University*; Andrew J. Kurtz, *University of Toledo*; Eric Lee, *Southern Illinois University - Carbondale*

The current study involved a systematic review of the diversity of group and identity factors in cognitive behavioral therapy randomized controlled trials for anxiety and obsessive-compulsive disorder. Clinical trial research conducted in the U.S. has failed to match the increasing diversity of the U.S. population.

### **9:45 AM Examining Resilience Discrepancies Between Individuals diagnosed with PTSD and Malingerers**

**Emily Lesco**, *Cleveland State University*; MacKenzie McElhatten, *Cleveland State University*; Jin Cho, *Cleveland State University*; Amir Poreh, *Cleveland State University*

The current study examines differences in resilience levels between credible PTSD cases and individuals suspected of malingering the disorder. Credible PTSD cases consistently showed significantly higher levels of resilience when compared with suspected malingerers. Results indicate resilience subscales may accurately assess for response bias in clinical settings.

## **Health Across the Lifespan**

Thursday, April 18 | 8:30 AM-10:20 AM

Salon 10

Moderator: Colleen Biri (Lindenwood University)

### **8:30 AM Computer Use Predicts Changes in Self-Rated Cheerfulness for Older Adults**

**Yufang Tu**, *North Dakota State University*; Melissa O'Connor, *North Dakota State University*; Amelia Rasmussen, *North Dakota State University*

The current study investigated whether cell phone and computer ownership/adoption are related to improved cheerfulness among older people over a 10-year period. Cell phone ownership did not significantly predict changes in self-rated cheerfulness over time, but computer ownership predicted increases in cheerfulness.

### **8:45 AM Dementia vs. Alzheimer: the Psychographics and Demographics of Internet Searches**

**T.L. Brink**, *Crafton Hills College*

Higher volumes of internet searches for these terms came from places with higher levels of neuroticism. “Dementia” searches came from places with older populations, less ethnic diversity, and a less educated adult population. “Alzheimer” searches came from places with greater population density and more ethnic diversity.

### **9:00 AM Senior to Senior: Connecting Advanced Undergraduates and Senior Citizens**

**Virginia Tompkins**, *The Ohio State University*

We examined the efficacy of an undergraduate-student-led, semester-long, friendly-caller program on improving older adults’ wellbeing. We found older adults increased in life satisfaction and decreased in loneliness and depressive symptoms. Students had increased empathy for older adults and self-efficacy for research skills and decreased anxiety about research and ageism.

### **9:15 AM Sexual Activity in Adults with Pediatric-Onset Spinal Cord Injury**

**Deanna Tuttle**, *Roosevelt University*; Kyle Deane, *Shriners Children's Chicago*; Justine Stewart, *Shriners Children's Chicago*; Alexis Ortiz, *Roosevelt University*; Kathleen Chlan, *Shiners Children's Chicago*; Kathy Zebracki, *Shriners Children's Chicago*

Sustaining a spinal cord injury (SCI) in adolescence interrupts social functioning during a critical developmental period when many youth are exploring their sexuality. Using long-term outcome data, this study finds that psychosocial factors are strong predictors of sexual activity in adults with pediatric-onset SCI, over and above injury-related factors.

### **9:30 AM Clean Keto Diet with Intermittent Fasting Improves Metabolic Health**

**Angie MacKewn**, *University of Tennessee at Martin*; Julie Floyd, *University of Tennessee at Martin*; Todd Sherman, *University of Tennessee at Martin*; Alison Ellis, *University of Tennessee at Martin*; Anna Mallory, *Union University*

Poor metabolic health is correlated with physical and mental symptoms and diseases. Metabolic improvements were found after 30-days of clean ketogenic diet when paired with intermittent fasting, compared to just eating low carbs. Fat mass loss, decreased anxiety, with improved triglycerides, energy and well-being were among those improvements.

### **9:45 AM Employment Issues: Considerations for Individuals Living with Spinal Cord Injury**

**Vanalyn Quichocho**, *Illinois Institute of Technology*; Krystal Bailey, *Illinois Institute of Technology*; Xinyi Zhang, *Illinois Institute of Technology*; Eva Small, *Illinois Institute of Technology*; Jenna Ausloos-Lozano, *Illinois Institute of Technology*; Nicole Ditchman, *Illinois Institute of Technology*; Eun-Jeong Lee, *Illinois Institute of Technology*

Data from a review of existing literature on quality of work life (QoWL) among individuals living with spinal cord injury (SCI) and preliminary qualitative data from a focus group study were synthesized to identify factors that negatively impact QoWL such as perceived discrimination.

### **10:00 AM For Worriers/Ruminators: Leisure and Parental Education Promote Blood Pressure Dipping**

**Jack Cowger**, *University of Wisconsin-Milwaukee*; Cameron Bishop, *University of Wisconsin Milwaukee*; Marcellus Merritt, *University of Wisconsin Milwaukee*

Young healthy adults were fitted with an ambulatory monitor to collect BP over two 24-hour periods: one involving engagement in a favored leisure activity (SSLA). At high perseverative cognition (i.e., trait worry and rumination), SSLA along with high (but not low) parental education was linked with more nighttime BP dipping.

## **Interpersonal Aggression**

Thursday, April 18 | 8:30 AM-10:20 AM

Salon 1

Moderator: Dominik Mischkowski (Ohio University)

**8:30 AM Emotion Regulation Difficulties Mediate Dating Abuse and Substance Use**

**Ashleen Pinto**, *Cleveland State University*; Swanaya Gurjar, *Cleveland State University*; Liz Goncy, *Cleveland State University*

This study investigated the mediating role of difficulties in emotion regulation in the relationship between Dating Abuse Victimization (DAV) and substance use. The findings revealed that impulse control difficulties and limited access to emotional strategies mediate the relationship between DAV and alcohol and drug use.

**8:45 AM Emotion Regulation Difficulties Mediate Dating Abuse and Acceptance of Violence**

**Ashleen Pinto**, *Cleveland State University*; Liz Goncy, *Cleveland State University*

This study investigated the mediating role of difficulties in emotion regulation in the association between dating abuse victimization (DAV) and attitudes of acceptance of intimate violence (AAIV). The findings revealed that impulse control difficulties and limited access to emotional strategies fully mediate the relationship between DAV and AAIV.

**9:00 AM Relationship between Facets of Agreeableness and Sexual Violence Victimization**

**Morgan Queen**, *Cleveland State University*; Liz Goncy, *Cleveland State University*

The current study examines the relationship between the facets of agreeableness and sexual violence victimization. Victims of sexual violence, specifically rape victims, showed significantly lower levels of morality and cooperation in comparison to nonvictims.

**9:15 AM How Belief in Pure Evil Relates to Dehumanizing/Punishing Remorseful Criminals**

**Russ Webster**, *Penn State Abington College*; Benjamin Cruz, *Penn State Abington College*

We examined how belief in pure evil (BPE) related to dehumanization and punishment for a criminal who displayed (vs. didn't display) remorse in a nationwide, Prolific sample. Showing sincere remorse decreased dehumanization, which in turn increased leniency. However, people who reported greater BPE still demonized and punished the perpetrator more.



**9:30 AM The Daughter Defense: Fathers of Daughters and Sexual Misconduct Denials**

**Alexandria Hamilton**, *University of Indianapolis*; Mason Burns, *University of Indianapolis*

The Daughter Defense is the act of a man invoking one's daughter(s) when defending themselves against sexual misconduct allegations. Results suggest that fathers of daughters are perceived as less likely to commit sexual misconduct than men without daughters, and men who invoke their daughters are perceived as less guilty compared

**Persuasion and Marketing**

Thursday, April 18 | 8:30 AM-10:20 AM

Salon 6/7

Moderator: Jiuqing Cheng (University of Northern Iowa)

**8:30 AM Objective vs Subjective Elaboration and Persuasion**

**Isaac Lindenberger**, *Queen's University*; Darcy Acevedo-Torres, *The Ohio State University*; Leandre Fabrigar, *Queen's University*; Richard Petty, *Ohio State University*

This research examines the distinction between objective and subjective elaboration by manipulating these variables. Analyses indicated that increased actual thinking (objective elaboration) leads to greater resistance to persuasion than mere perceived thinking (subjective elaboration). The implications for conceptualizing and measuring determinants of attitude strength are discussed.

**8:45 AM The Multiple Roles of Scarcity as a Compliance Strategy**

**Gabriella Avila Patro**, [21gap5@queensu.ca](mailto:21gap5@queensu.ca); Leandre Fabrigar, *Queen's University*; Matthew Kan, *Queen's University*; Joshua Guyer, *Universidad Autónoma de Madrid*; Naomi Grant, *Mount Royal University*

The purpose of the study was to examine the role of scarcity under high and low elaboration conditions. Analyses indicated that contrary to the traditional notion that scarcity works best under low thoughtfulness, scarcity can work under high thoughtfulness and can lead to lower compliance.

**9:00 AM The Effects of Vocal Speed on Information Processing and Persuasion**

**Minqian Shen**, *Queen's University*; Joshua Guyer, *Universidad Autónoma de*

*Madrid*; Thomas Vaughan-Johnston, *Queen's University*; Leandre Fabrigar, *Queen's University*

We examined the dual role that vocal speed has on processing of information. Vocal speed increased motivation, but decreased ability to process information. We found evidence for a curvilinear elaboration effect where differential persuasiveness of strong and weak arguments was highest at moderate speeds compared to slow or rapid speeds.

### **9:15 AM Damn Dirty Ads: The Impact of Profanity in Advertisements**

**Cody Gibson**, *Northern Illinois University*; John Edlund, *Rochester Institute of Technology*

Is a “damn” worth advertising? Profanity in advertising is becoming more common or more visible, but is it effective? Furthermore, what factors influence whether profanity is effective in advertising? Across three studies, we investigate the effects of profanity explicitness and intensity, repetition, and spokesperson characteristics on the effectiveness of ads.

### **9:30 AM Beliefs about the extremity of one's attitude predicts resistance to persuasion**

**Devin Fowlie**, *Queen's University*; Leandre Fabrigar, *Queen's University*; Ya Hui Michelle See, *National University of Singapore*; Richard Petty, *Ohio State University*

We examined the role of objective and subjectively measured attitude extremity on resistance to persuasion. Extending our previous research, we found evidence that subjective extremity predicted resistance to persuasive appeals via a set of related subjective beliefs. Implications for our understanding of attitude measurement are discussed.

### **9:45 AM Replication attempt of Dynamic Norms**

Devin Burns, *Missouri University of Science & Technology*; **Nova-Lee Young**, *Missouri University of Science and Technology*

We sought to replicate a study where dynamic norm messages led to greater interest in reducing meat consumption than a static norm. We did not replicate the original findings, but discuss how perceptions of peers matter more than general norms, and other additional predictors.

## **Political Psychology**

Thursday, April 18 | 8:30 AM-10:20 AM

Salon 5/8

Moderator: Helen C. Harton (University of Northern Iowa)

**8:30 AM Embracing Resistance: Exploring Ways that Marginalized Communities Take Back Power**

**INVITED SPEAKER: Douglas Knutson**, *Oklahoma State University*  
State legislatures across the U.S. continue to pass laws restricting rights, education, and access to health care for marginalized populations. Scholars suggest that resilience is key to survival for marginalized people. This presentation reviews emerging resistance research as a step beyond studies of resilience in oppressive contexts.

**9:00 AM Associating Fundamental Motivations and Political Ideology: Moderating Role of Threat**

**Hyerin Han**, *University of Cincinnati*; Joshua Clarkson, *University of Cincinnati*

The present study demonstrates a positive/negative association between political conservatism and approach/avoidance motives in the absence of threat. The moderating role of threat is demonstrated as well by showing that conservatives' approach/avoidance motives greatly decreased/increased when their threat perception was high.

**9:15 AM Political Orientation and Trust in Police Evidence and Judicial Decisions**

**Emily Yasher**, *Cleveland State University*; Sophia Cook, *Cleveland State University*; Kathleen Reardon, *Cleveland State University*

The present study examines the relationships between political orientation and participants' perceptions of the reliability of police evidence and judicial rulings. Politically liberal participants were significantly less likely to perceive evidence presented by police and rulings made by judges as very reliable.

**9:30 AM Information Search During Social Categorization: The Role of Political Ideology**

**Yarden Ashur**, *University of Illinois Urbana Champaign*; Chadly Stern, *University of Illinois at Urbana-Champaign*

People make social categorizations based on minimal information. However, people might seek out additional information when given the opportunity. We hypothesized that political ideology would correspond to both the amount and type of information people seek out. Contrary to hypotheses, ideology was not related to these aspects of information search.

### **9:45 AM The Impact of Source Cues on Political Information Evaluation**

**Sean Bogart**, *Ohio University*; Keith Markman, *Ohio University*

Across two experimental studies, mixed evidence was found that the presentation of politically motivated source information impacted evaluations of (mis)information, despite politically aligned sources being perceived as more credible. Evidence emerged showing that political affective polarization partially mediated the relationship between Open-Minded thinking and misinformation identification performance (Study 2).

### **10:00 AM Do Ideologies Supporting the Status quo Have a Palliative Function?**

**Salvador Vargas Salfate**, *University of Illinois, Urbana-Champaign*; Julia Spielmann, *New York University Abu Dhabi*; DA Briley, *University of Illinois Urbana-Champaign*

We conducted a preregistered meta-analysis (1950-2022) to determine the association between endorsing ideologies supporting the status quo and wellbeing. Across 1,627 studies ( $N = 1,856,940$ ) in 121 countries, we observed a meta-analytic association  $r = .07$ ,  $p < .001$ . We did not find evidence supportive of moderation by social status.

## **Stereotypes and Impressions**

Thursday, April 18 | 8:30 AM-10:20 AM

Wilson

Moderator: Kentaro Fujita (The Ohio State University)

### **8:30 AM The Effects of Performance Feedback on Stereotype Validation**

**Grace Edmonds**, *The Ohio State University*; Jason Clark, *Ohio State University*; Kelsey Thiem, *Ball State University*; Duane T. Wegener, *The Ohio State University*

Previous research suggests that stereotypes activated after performing an intellectual task can validate stereotype-consistent self-perceptions and behaviors. However, it is unknown whether these effects occur in situations where people receive feedback about their task performance. The current research served as an initial examination of these common and important contexts.

### **8:45 AM The Role of Executive Functions in Stereotyping**

**Antonio Viera**, *Indiana University*; Robert J. Rydell, *Indiana University*;

Kurt Hugenberg, *Indiana University*; Edward Hirt, *Indiana University-Bloomington*

We examined how executive functions (updating, inhibition, and switching) are important for stereotype change. When a stereotype inconsistent exemplar was presented, those with greater inhibitory and updating ability showed increased stereotype reduction. However, they also more effectively retained stereotypes when information that could be used to subtype was provided.

### **9:00 AM Voice Pitch Influences both Implicit and Explicit Measures of Trustworthiness**

**Jillian O'Connor**, *Queen's University*; Gabriella Avila Patro, *21gap5@queensu.ca*; Leandre Fabrigar, *Queen's University*

Previous research on the influence of voice pitch on social perceptions have relied on explicit approaches. We developed a novel implicit measure of perceptions of trustworthiness from voices varying in pitch. We found a significant, positive association between implicit and explicit perceptions of voice trustworthiness, which validates this approach.

### **9:15 AM Modeling the Resolution of Social Representations under Approach-Contingent Feedback**

**Suraiya Allidina**, *Ohio State University*; Michael Mack, *University of Toronto*; William Cunningham, *University of Toronto*

Social categorization is central to prejudice, yet little research has examined how people form group- or person-based representations of others. Using a combination of behavioral experiments and computational models of category learning, we identify the contextual and attitudinal factors that promote individuation rather than categorization of others.

### **9:30 AM Stealing Thunder: The Influence of Confession Specificity**

**Carina Pham**, *Queen's University*; Joshua Guyer, *Universidad Autónoma de Madrid*; Javier Horcajo, *Universidad Autónoma de Madrid*; Andrew Nguyen, *Queen's University*; Leandre Fabrigar, *Queen's University*

This study examined the efficacy of “stealing thunder” (i.e., revealing damaging information about the self before it is revealed by others) in managing the impressions of others. These studies examined the success of specific and general confessions in protecting against specific or general negative information revealed by others.

### **9:45 AM The Generalizability of Attitude Agreement Effects on Interpersonal Impressions**

**Andrew Luttrell**, *Ball State University*; **Jacob Teeny**, *Northwestern University*

People tend to like others more when they share attitudes in common. But does this generalize across topics of (dis)agreement? In two studies, we test the effects of agreement on interpersonal impressions using a stimulus sampling design, drawing topics randomly from a bank of hundreds of attitude objects.

**10:00 AM Reducing contemporary bias by disrupting past linear social justice perceptions**

**Jonathan Thang**, *University of Indianapolis*; **Madeline Darmanin**, *University of Indianapolis*; **Gardiner Bink**, *University of Indianapolis*; **Enrique Mares-Villicana**, *University of Indianapolis*; **Mason Burns**, *University of Indianapolis*

Across three studies, perceiving historical social justice movements as smooth/steady was related to denying ongoing discrimination. However, linear perceptions appear malleable, and framing past social justice movements as unsteady increased the perceived difficulty of social justice movements and, in turn, increased recognition of ongoing racial discrimination.

**Emotion & Health**

Thursday, April 18 | 9:00 AM-10:00 AM

Salon 3

Moderator: **Alissa Russell** (Saint Mary's College)

**9:00 AM Modeling Affective Dynamics of NSSI and Alcohol Use**

**Miguel Blacutt**, *University of Notre Dame*; **Brooke Ammerman**, *University of Notre Dame*

We used momentary assessment to explore affective antecedents of non-suicidal self-injury (NSSI) and alcohol use in undergraduates. NSSI was preceded by loneliness and self-punishment urge. Alcohol use was preceded by excitement and belongingness in those without alcohol use disorder (AUD), but preceded by previous alcohol use in those with AUD.

**9:15 AM Longitudinal Modelling of Positive-Affect and Symptom Intrusiveness in Early-Stage MS**

**Megan Korhummel**, *Kent State University*; **Karin Coifman**, *Kent State University*

This study investigated the association between baseline reports of functioning in patients with relapsing-remitting MS on weekly reports of psychological well-being (i.e., positive affect) and symptom intrusiveness over one year. Almost 50% of psychological well-being was predicted by baseline functioning suggesting this may be a key target for intervention.

### **9:30 AM Do Suicide-Related Histories Moderate Emotion Regulation Outcomes in Daily Life?**

**Swanaya Gurjar**, *Cleveland State University*; Ilya Yaroslavsky, *Cleveland State University*

The current study assessed differences in objective distress reduction and perceived effectiveness of maladaptive emotion regulation responses in daily life among those with and without suicidal thought and behavior (STB) histories. Findings suggest multiple discrepancies and STB was only related to perceived effectiveness of distraction and thinking/feeling bad.

### **9:45 AM Review of Positive Psychology Interventions for Transition-Age Youth with IDD**

**Amanda Boyd**, *Illinois Institute of Technology*; Meena Chockalingam, *Illinois Institute of Technology*; Claire Sullivan, *Illinois Institute of Technology*; Nicole Ditchman, *Illinois Institute of Technology*

This systematic review synthesized current research on positive psychology interventions for transition-age youth with IDD. A total of 56 articles met criteria, with self-determination and mindfulness being the most prominent interventions within the literature. To date, limited empirical studies have been conducted, signifying the need for further research on positive psychology constructs within the IDD population.

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**MPA INVITED TALK**

**Bridging the Gap between Research and Practice:  
There's a Science for That**

**Sara Becker**

*Northwestern University Feinberg School of Medicine*

Thursday, April 18 | 10:30 AM-11:00 AM

Indiana

This presentation will describe the enormous gap between what we know in terms of public health knowledge and what we do in terms of public health practice. The presentation will then introduce how implementation science methods can help to bridge this gap by accelerating and catalyzing the impact of clinical research.

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**Professional Development Sessions**

Thursday, April 18 | 9:30 AM-10:20 AM

Logan

**9:30 AM Cultivating Curiosity: Strategies for Growing Research Labs in Teaching-First Institutions**

*Alli Cipra, Governors State University; Jessica Beckmann, Governors State University; J. Corey Steele, Governors State University; Megan Rodgers, Governors State University; Daniel Kirby, Governors State University; Emely Oviedo, Governors State University*

This session will outline effective strategies for nurturing research in educational institutions primarily focused on teaching. We will discuss unique challenges and opportunities faced by teaching-centric universities seeking to foster research initiatives. We'll emphasize the importance of cultivating curiosity among students and provide recommendations to achieve this.



Thursday, April 18 | 9:30 AM-10:20 AM

Salon 4/9

**9:30 AM Exploring a Career in Counseling**

**Lindsay Sheehan**, *Illinois Institute of Technology*; Eun-Jeong Lee, *Illinois Institute of Technology*; Nicole Ditchman, *Illinois Institute of Technology*; Patrick Corrigan, *Illinois Institute of Technology*; Virginia Spicknall, *Illinois Institute of Technology*; Nirmayee Mahadeokar, *Illinois Institute of Technology*; Edwin Guzman, *Illinois Institute of Technology*

The field of professional counseling is projected to have high growth rates in the coming decade. This session provides an overview of the profession and guidance for those who want to pursue the profession. It will be led by faculty, students and alumni from the Illinois Tech counseling program.

Thursday, April 18 | 10:30 AM-11:20 AM

Logan

**10:30 AM Adopting and Teaching the "New Statistics": New Tools for Estimation**

**Robert Calin-Jageman**, *Dominican University*

This workshop will provide a hand-on introduction to new tools for using and teaching estimation statistics (effect sizes, confidence intervals and meta-analysis). We'll also cover how estimation thinking provides a foundation for improved hypothesis testing. Extensive resources and teaching materials will be provided.

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**MPA Invited Presidential Address**

**Cultural inertia and rumination: Moving from attitudes to support for violence**

**Michael Zarate**

*University of Texas at El Paso*

Thursday, April 18 | 10:30 AM-11:45 AM

Crystal

Moderator: Dominik Mischkowski, University of Illinois at Urbana-Champaign

This research will build on Cultural Inertia theory to identify how cultural change and group identity predict support for intergroup violence. The research seeks to differentiate prejudice from support for violence.

Rumination is tested as a mediator between hostile attitudes and support for violence against outgroup members within a white nationalism context.

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**Intersectional Perspectives on Stereotypes,  
Identity, and Belonging in STEM**

Thursday, April 18 | 10:30 AM - 12:20 PM

Salon 1

Moderator: Moderator: Emily Brown (University of Colorado - Boulder)

This symposium offers an intersectional perspective on the challenges and opportunities in STEM, emphasizing the significance of gender, race, stereotypes, and identity development in shaping the experiences of underrepresented individuals in STEM fields. The first presentation explores expectations and stereotypes associated with STEM professors, revealing a double standard for female STEM professors who are expected to embody both agentic and communal traits. The second presentation examines the intersection of race and gender stereotypes in the context of scientists,

showing significant disparities in how Black and White men and women are perceived in terms of scientific stereotypic traits. The third presentation highlights the importance of allyship and solidarity in male-dominated contexts for Black women in STEM, including how perceptions of solidarity differ between Black and White ally men. The final presentation focuses on the concept of social identity development affordances within college majors, which can promote belonging and persistence in STEM fields, providing valuable insights for educators.

### **Dual Expectations of Agency and Community for Women STEM Professors**

EMILY J. BROWN, University of Colorado Boulder, TIFFANY ITO, University of Colorado Boulder

### **Exploring Stereotypes in Science: The Intersection of Race and Gender**

SHEBA AIKAWA, University of Colorado Boulder, NADIA FLOYD, University of Colorado Boulder, EVAVA PIETRI, University of Colorado Boulder, BERNADETTE PARK, University of Colorado Boulder

### **Allyship is in the Eye of the Beholder**

NADIA FLOYD, University of Colorado Boulder, CHARLOTTE MOSER, University of Colorado Boulder, EVAVA S. PIETRI, University of Colorado Boulder

### **Perceived Social Identity Development Opportunities Promote Student Belonging**

ANDREW WHITE, Indiana University Bloomington, AMANDA DIEKMAN, Indiana University Bloomington

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## **Structural Barriers in Maternal Mental Health Disparities in Latinx Mothers**

Thursday, April 18 | 10:30 AM - 11:45 AM

Salon 5/8

Racial/ethnic health disparities in maternal mental health exist, with the Latinx population, one of the fastest growing groups in the US, reporting depression and anxiety symptoms 2-3 times higher than their White counterparts. Racism and discrimination have been identified as highly salient risk factors that contribute to these disparities in Latinx women both interpersonally and more recently systemically. This symposium will

collectively look at structural barriers and factors that contribute to systemic racism that underlie maternal mental health disparities in the perinatal period for Latinx birthing people. The first presentation investigates neighborhood factors and their interaction with cultural values to influence acculturative stress, a salient risk factor for maternal depression in Latinx women. The second presentation identifies medical mistrust as a contributor to maternal depressive symptoms in women of Mexican descent with consequences for vaccine behaviors during the COVID-19 pandemic. The third presentation will present the development of a culturally responsive postnatal depression prevention program for women from racial/ethnic marginalized backgrounds that is easily scalable and can be widely disseminated to help ameliorate racial/ethnic disparities in maternal mental health. Lastly, a discussant will detail how all these factors contribute to obstetric racism and their role in culturally responsive perinatal care.

**Neighborhood factors, cultural values, acculturative stress in pregnant Latinx women**

ESMERALDA LEZAMA RUIZ, Marquette University, MARIANA GONZALEZ-TORRES, Marquette University, KIMBERLY D'ANNA-HERNANDEZ, Marquette University

**Medical mistrust and depressive symptoms in mothers of Mexican descent**

ALEXANDRA GONZALEZ-VAN WART, Marquette University, KIMBERLY D'ANNA-HERNANDEZ, Marquette University

**Increasing access to care through a culturally-informed prevention program**

KAYLA LEWIS, Marquette University, ELIZANDRA SANDOVAL, Marquette University, LISA EDWARDS, Marquette University, KAVITHA VENKATESWARAN, Marquette University

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**Invited Symposium**

**The January 6th Insurrection as ‘A Teaching Moment’ Demonstrating the Relevance of Psychology**

Thursday, April 18 | 10:30 AM - 12:20 PM

Kimball

Organizers: VERLIN B. HINSZ, North Dakota State University and ANN C. RUMBLE, Northern Arizona University

The events associated with the January 6, 2021 insurrection in Washington D.C. can be considered a teaching moment. In this forum, ideas will be shared about how psychology can help to explain and understand the insurrection, as well as how the events can be used to teach about key concepts and constructs in psychology. Building on a recent special issue in *Group Dynamics*, the moderators will invite audience members to contribute their ideas on how to use psychological research and theory to understand current events.



## **Behavioral Neuroscience and Broad Perspectives on Measurement**

Thursday, April 18 | 10:30 AM-12:20 PM

Salon 4/9

Moderator: Ana M. Kehrberg (Muskingum University)

### **10:30 AM Stretching Space: Effects of Arena Size on Open-field Behaviors**

**Nathan Campbell**, *Northern Illinois University*; **Erica Schaeffer**, *Northern Illinois University*; **Rami Lake**, *Northern Illinois University*; **Douglas Wallace**, *Northern Illinois University*; **Holly Sampson**, *Northern Illinois University*

The scale of an environment has been argued to influence animal spatial navigation. The current study investigated how different arena sizes in dark and light conditions influence movement organization in mice. Mice showed significant changes in their movement organization across table sizes, some of which were specific to dark conditions.

### **10:45 AM Chronic and Acute Stress - Effects on Motivation for Food**

**Stephanie Muscott**, *Northern Illinois University*; **Oreoluwa Akinbo**, *Northern Illinois University*; **Christopher Wright**, *Northern Illinois University*; **Makenzie Pianovski**, *Northern Illinois University*; **Daniel Mercado-Flores**, *Northern Illinois University*; **Lana Samuel**, *Northern Illinois University*; **Marshall Noelken**, *Northern Illinois University*; **Leslie Matuszewich**, *Northern Illinois University*

Motivational dysfunctions occur from Major Depressive Disorder (MDD), with a commonly contributed factor of stress. Comparing the effects of two different stressor types with motivation and sex, results show drug effects and sex differences are present, revealing that acute stressors affect motivation for individuals with chronic stress and MDD.

**11:00 AM (Mis)informed through social media: The effects of repetition on truth**

**Jae Woo Kwon**, *Vanderbilt University*; Lisa Fazio, *Vanderbilt University*

We examined how repeated exposure to information on social media affects belief. Trivia statements repeatedly posted to Instagram were rated as more true than new statements. The results have implications for how people's increasing attention to social media as a source of news may influence belief in (mis)information.

**11:15 AM Unreliability Across 36 Versions of the Emotional Dot Probe**

**Irene Xu**, *University of Notre Dame*; Eliza Passell, *McLean Hospital*; Roger Strong, *McLean Hospital*; Elizabeth Grinspoon, *McLean Hospital*; Laneé Jung, *McLean Hospital*; Jeremy Wilmer, *Wellesley College*; Laura Germiné, *McLean Hospital*

To examine the reliability of the emotional dot probe task, we systematically examined thirty-six versions with various test designs. The split-half reliabilities were low across all versions, among both general and highly anxious participants, suggesting that the dot probe is not an adequately reliable measure of attentional bias.

**11:30 AM Comparison of Scoring Approaches: Triarchic Measure of Psychopathy**

**Kaela Van Til**, *Purdue University*; Donald Lynam, *Purdue University*

The Triarchic Measure of Psychopathy is posited to capture psychopathy and three domains within it. Previous work has been done to validate this structure; however, results have not generally supported three-factors as the ideal structure. This study replicated findings up to a six-factor structure and compared this with alternative scoring approaches.

**11:45 AM Examining the Factor Structure of Personality with Bayesian SEM**

**Alfonso Martinez**, *University of Iowa*; Hyeri Hong, *California State University, Fresno*

We investigate the factor structure of personality traits under the Big Five model, specifically the Conscientiousness trait, using Bayesian structural equational modeling across multiple model structures (correlated-traits, bifactor, higher-order) and found evidence that B-SEM with informative priors performed better than non-B-SEM models and that bifactor structures best fit the data.

### **12:00 PM Evaluating an Intercultural University Internship Program**

**Andrew P. Camilleri**, *DePaul University*; Joseph R. Ferrari, *DePaul University*

Intercultural communication skills are an increasingly important skill. Fourteen participants in an internship-style program were interviewed to evaluate whether the program improved their intercultural communication skills and friendship formation with international students. Results indicated that the program was successful in improving intercultural communication, but not friendship formation. Implications were discussed.

### **Child, Adolescent, and Family-related Mental Health**

Thursday, April 18 | 10:30 AM-12:20 PM

Salon 10

Moderator: Sundé Nesbit (Iowa State University)

### **10:30 AM Racial Discrimination and Trauma Symptoms among Black Youth-Caregiver Dyads**

**INVITED SPEAKER: Donte Bernard**, *University of Missouri Columbia*

The current study elucidates the degree to which Black adolescents and their caregivers' experiences of racial discrimination (RD) are associated with their own and their family members trauma symptoms. 202 Black adolescent-caregiver dyads were recruited to participate in this study. Adolescent and caregiver experiences of RD were not only associated with their own trauma symptoms, but also their family members as well. Trauma symptoms were most pronounced among adolescent and caregivers when their family member reported high levels of RD.

### **11:00 AM The Role of Attachment in Mother-Child Negative Reactivity Transmission**

**Nicole Baumgartner**, *Miami University*; Elizabeth Kiel, *Miami University*

Maternal negative reactivity has been shown to predict child reactivity, but little is known about how this prediction differs across organized attachment styles (secure, anxious, avoidant). The current study examined how mother-child attachment style moderates the relationship between maternal negative reactivity and child negative reactivity.

### **11:15 AM Children's Perceptions of Parenting Predict Prosocial Behaviors and Conduct Problems**

**Riley Marshall**, *Southern Illinois University Carbondale*; Lisabeth F. DiLalla, *Southern Illinois University School of Medicine*

We examined the relationship between children's perceptions of maternal parenting and their self-reported and mother-reported prosocial behaviors and conduct problems. Maternal acceptance was related to child-reported prosocial behaviors and maternal discipline was related to child-reported conduct problems. Child perceptions of parenting were not related to maternal reports of child behaviors.

### **11:30 AM Thematic Analysis in the Development of Customized Adherence Enhancement (CAE)**

**Emma Church**, *Cleveland State University*; Salayna Abdallah, *Cleveland State University*; Kelly Kamimura-Nishimura, *Cincinnati Children's Hospital/University of Cincinnati, College of Medicine*; Jennifer Levin, *University Hospitals and Case Western Reserve University*; Mikaila Gray, *University Hospitals/Case Western Reserve University*; Joy Yala, *Case Western Reserve University*; Amarpreet Chela, *University Hospitals*; Molly McVoy, *University Hospitals and Case Western Reserve University*

The present study sought to thematically analyze data obtained from focus groups and cognitive interviews with adolescents and young adults, caregivers, and clinicians of those with ADHD, with the goal of adapting a Customized Adherence Enhancement (CAE) Intervention for AYA's with ADHD. Clinical implications will be discussed.

### **11:45 AM Medication Nonadherence in Adolescents with ADHD: A Systematic Literature Review**

**Salayna Abdallah**, *Cleveland State University*; Emma Church, *Cleveland State University*; Jennifer Levin, *University Hospitals and Case Western Reserve University*; Molly McVoy, *University Hospitals and Case Western Reserve University*

In adolescents with ADHD, poor medication adherence can have severe consequences. Adolescents are vulnerable because of this critical developmental life stage. We conducted a systematic literature review on the outcomes of medication non-adherence in AYAs. Six studies highlighted the benefits of adherence, while non-adherence was linked to various adverse outcomes.

## **COVID-19 and Psychology**

Thursday, April 18 | 10:30 AM-12:20 PM

Wilson



Moderator: Julie Eyink (University of Southern Indiana)

**10:30 AM Understanding How Offering Financial Incentives Influences Perceptions of COVID-19 Boosters**

**Maya Rogers**, *University of Minnesota*; Alexander J Rothman, *University of Minnesota*

How do financial incentives influence people's beliefs about COVID-19 vaccines? In a pre-registered experiment, 354 people were randomly assigned to view vaccine promotion posters with or without a financial incentive. Incentives affected people's beliefs, but the pattern of responses depended on their previous experience with COVID-19.

**10:45 AM Relational Themes in a Group Teletherapy Setting**

**Jesse Gamoran**, *DePaul University*; Susan Bodnar, *Teachers College, Columbia University*; Nyssa Snow-Hill, *DePaul University*

Considering the urgent need for mental healthcare, heightened by COVID-19, group teletherapy effectively treats multiple patients simultaneously with lower costs. This study explored relational themes in one year of emerging adult group teletherapy. Findings suggest that over time, group teletherapy can effectively promote cohesive intragroup relations, similarly to in-person settings.

**11:00 AM Who wants to remember COVID-19?**

**Nida Bikmen**, *DENISON UNIVERSITY*; Thu Le, *Denison University*

We examined U.S. young adults' support for commemorating COVID-19 (e.g., via monuments, museum exhibitions, history education). Participants who identified with all humanity were more supportive of commemorating COVID-19. Remembering past pandemics and climate disasters predicted anticipating future natural disasters which predicted support for investing national resources into commemorative practices.

**11:15 AM COVID-19 Vaccine and Medical Racism Worry as Vaccination Predictors**

**Samantha Heiman**, *Indiana University-Bloomington*; Nathaniel Geiger, *Penn State University*; Betsi Grabe, *Indiana University Bloomington*; Lesa Major, *Indiana University Bloomington*

1202 Black Americans and 1210 White Americans self-reported their worry about the COVID-19 vaccine and medical racism. They also estimated the average Black and White American's level of worry. While COVID-19

vaccine worry was a negative predictor of COVID-19 vaccination status, worry about medical racism was a positive predictor.

**11:30 AM Qualitative Analysis of Emerging Adults' Awareness of Post-COVID-19 Changes.**

**Drew Hubbard**, *Cleveland State University*; Melanie McGregor, *Cleveland State University*; Megan Harris, *Cleveland State University*; Terrin Akstens, *Cleveland State University*; Liz Goncy, *Cleveland State University*

This qualitative research explores emerging adults' awareness of societal changes post-COVID-19. Participants' responses were analyzed through thematic analysis to identify common themes. Overarching themes included health concerns, adjustment, energy, appreciation, sadness, and social conditions. The responses revealed patterns that underscore the pandemic's impact on their lives.

**11:45 AM Fear, Reactance, and Indecision: A Study of Home Decluttering Behavior**

**Devki Patel**, *DePaul University*; Verena P Graupmann, *DePaul University*; Joseph R. Ferrari, *DePaul University*

Indecision is associated with negative clutter-related outcomes in previous literature. It is hypothesized in the context of the pandemic, fear of COVID-19 and psychological reactance may further hinder decluttering projects. Surveying a sample of 227 U.S. adults, we found that fear of COVID-19 and reactance were related to clutter impact.

**Health, Stress, and Diversity**

Thursday, April 18 | 10:30 AM-12:20 PM

Salon 6/7

Moderator: Amber Henslee (Missouri University of Science & Technology)

**10:30 AM Beyond the Veil: Exploring Suicide Stigma in Malaysia**

**Vardha Kharbanda**, *Illinois Institute of Technology*

This study explored suicide-related stigma in Malaysia, using a social-cognitive model of stigma. We conducted focus groups with adults' lived experience of suicidality (n = 19). Results revealed various stereotypes, prejudices, and forms of discrimination, emphasizing the need to understand culturally specific stigma and suggesting strategies for stigma reduction.

**10:45 AM Psychosocial Interventions to Address Acculturative Stress in Latinos: An Evidence Map**

**Gabriela Nagy**, *University of Wisconsin - Milwaukee*; Stephanie Salcedo Rossitch, *Durham Veteran's Affairs Hospital*; Jason Villeda, *Children's National Hospital*; Allison Stafford, *Duke University School of Nursing*; Sabreet Kaur Dhatt, *DePaul University and University of Wisconsin-Milwaukee*; Leila Ledbetter, *Duke University School of Medicine*; Jordan Wrigley, *Future of Privacy Forum*; Jennifer Gierisch, *Duke University School of Medicine*; Rosa Gonzalez-Guarda, *Duke University School of Nursing*

This evidence map characterizes the quantity, characteristics, and distribution of interventions addressing acculturative stress in Latinos. Our findings reveal interventions primarily focused on supporting parents and families through culturally-relevant CBT components. Results suggest that an increased dissemination of these interventions holds promise for reducing health inequities in Latino

### **11:00 AM Black Womxn's Help-Seeking Processes: Findings and Implications**

**Sylvia Ofori**, *Palo Alto University*; Destany Habte Michael, *Touro University California*

Research shows that Black womxn's utilization of mental health services are lower than their White counterparts (Gonzalez et al., 2010). Intersectionality, Black feminism, and social constructionism guided the author to contextualize this disparity in treatment utilization and explore key factors shaping their help-seeking processes.

### **11:15 AM The Influence of Informational Intervention on HPV Vaccination Intention**

**Songyang Zhang**, *University of Chicago*; Boaz Keysar, *University of Chicago*; Leigh Grant, *University of Chicago*; Janet Geipel, *University of Exeter Business School*; Zhihan Cui, *University of Los Angeles, Anderson School of Management*

We tested the impact of different informational interventions on HPV vaccination intentions for unvaccinated heterosexual men ( $N=583$ ). Men with a history of sexual activity reported significantly higher vaccination intentions after learning about the benefits of HPV vaccination for themselves and their partner compared to just themselves ( $p < .01$ )

### **11:30 AM Anti-Blackness in counseling psychology: Perspectives of ECPs and doctoral students**

**David Stanley**, *Purdue University*; Karabella Hernandez, *Purdue University*; Angel Cox, *Purdue University*

This study captures the experiences of Black doctoral students and ECPs who have been subjected to anti-Black racism. ECPs and doctoral students described negative experiences in multiple settings that led to overthinking, imposter feelings, and additional stress forcing them to engage in advocacy to enhance their training and work experiences.

### **11:45 AM Acculturative Stress Domains and Ethnic-Racial Identity Among U.S. Latinxs**

**Nathaniel Drexler**, *Northwestern University*; Mark Driscoll, *The Family Institute at Northwestern*; Angela Pham, *The Family Institute at Northwestern*  
This study of U.S. Latinxs investigated the relationship between acculturative stress domains and psychological distress; if perceived stress mediated the relationship; and if ethnic-racial identity moderated this relationship. Findings suggest the existence of direct and indirect pathways, each with distinct risk and protective factors for stress processes.

### **12:00 PM Anti-Black Violence in Media and Race-Based Traumatic Stress**

**Bryce Davis**, *Saint Louis University*

The murder of George Floyd shook the world, but how did it shake the mind? This study explored the relationship between exposure to race-based traumatic violence in media and psychological outcomes. Results indicated that 1-3 hours of exposure to race-based traumatic violence per week increases depressive and physiological symptoms.

## **Perception and Memory**

Thursday, April 18 | 10:30 AM-12:20 PM

Salon 12

Moderator: Anthony Barnhart (Carthage College)

### **10:30 AM Stop and Smell the Roses: Olfaction and Memory**

**INVITED SPEAKER: Sydney Boutros**, *Boise State University*

Our sense of smell has a unique connection to our autobiographical memories. Working with an interdisciplinary team, we have constructed a scent-delivery device that attaches to commercially available virtual reality headsets to investigate the effects of different smells on recognition and spatial memory.

### **11:00 AM Twins Can Communicate Telepathically: Reliance on Inaccuracies Presented in Videos**

**Josie Holohan**, *Northwestern University*; David Rapp, *Northwestern University*

This project tested whether the problematic effects of exposures to inaccuracies, usually observed with text stimuli, obtain and generalize with video stimuli. Participants who viewed videos conveying inaccurate ideas made more incorrect judgments on a subsequent judgment task querying those ideas than did participants who viewed videos conveying accurate ideas.

### **11:15 AM Spatial Structure and Memory**

**Noah Crockett**, *University of Notre Dame*; Daniela Parra, *University of Notre Dame*; Abigail Doolen, *University of Notre Dame*; Gabriel Radvansky, *University of Notre Dame*

People learned words and texts in either one large room or two different rooms. Spatial structure had no influence on word memory. For texts, there was better surface form and textbase memory for the single room condition. That said, event model memory was better for the multiple room conditions.

### **11:30 AM The Combined Effects of Context and Importance on Prospective Memory**

**Gage Regier**, *The University of Mississippi*; Rebekah Smith, *University of Mississippi*

We sought to fill a gap in the prospective memory literature by examining the combined effects of context and importance. Results demonstrated that the effects of context on prospective memory processes can vary as a function of importance and highlights the need to study the combined effects of these factors.

### **11:45 AM The importance of direct multisensory information on haptic object recognition**

**Hellen Kyler**, *Indiana University*; Karin James, *Indiana University*

The effect of multisensory control of objects on haptic recognition was investigated. Participants studied 3D novel objects and subsequently completed a haptic recognition test. Results demonstrated higher sensitivity after active manual control relative to both unisensory haptic and multisensory study when visual information consisted of a 2D replayed video.

## Understanding and Attenuating Student Stress and Anxiety

Thursday, April 18 | 10:30 AM-12:20 PM

Salon 3

Moderator: Jordan R. Wagge (Avila University)

### **10:30 AM RAINing in the Physics Stress: Mindfulness Training Reduces Psychological Threat**

**Tessa Benson-Greenwald**, *University of Pittsburgh*; Avital Pelakh, *University of Pittsburgh*; Michael Tumminia, *University of Pittsburgh*; Sara Jahanian, *University of Pittsburgh*; Eric Kuo, *University of Illinois Urbana-Champaign*; Melanie Good, *University of Pittsburgh*; Timothy Nokes-Malach, *University of Pittsburgh*; Brian Galla, *University of Pittsburgh*

In this pre-registered RCT, college students enrolled in introductory physics who received mindfulness training (vs. control) reported lower psychological threat during the intervention and up to 3 months later. This study highlights the potential role of mindfulness training to foster student resilience in STEM.

### **10:45 AM Ritual use in Music Education**

**Oksana Komarenko**, *Ball State University*; Gerardo Ramirez, *Ball State University*

We explore the use of rituals in music education. 93% of our sample reported using rituals to enhance their performance mindset. Students report that without rituals, they would perform 12% worst. Educators can leverage rituals for effective performance anxiety management, underscoring psychological strategies in music education.

### **11:00 AM Social Anxiety and Intolerance of Uncertainty in College Students**

**Yu Jin Eun**, *Eastern Illinois University*; Wesley Allan, *Eastern Illinois University*

This study examines the relationship between social anxiety and intolerance of uncertainty in college students and whether this relationship is mediated by cognitive factors, focusing on the Fear of Negative Evaluation and the Fear of Positive Evaluation.

### **11:15 AM Investigating the Association Between Anxiety and Athletic Performance in Student-Athletes**

**Anthony Medina**, *Mercy University*

Research has shown that anxiety influences the athletic performance of student-athletes. The study purpose is to investigate the relationship between anxiety and athletic performance among student-athletes. The sample consisted of 75 undergraduate students. Results suggested anxiety levels are positively related to athletic strain and self-regulation. Presented findings support anxiety being related to poor athletic performance.

### **11:30 AM Goals of Diverse College Students: Predicting Academic and Social Integration**

Jinyoung Koh, *Saint Xavier University*; **Vincent Stella**, *Saint Xavier University*; Riley Nolan, *Saint Xavier University*

Using a mixed-methods research design, the current study investigates the associations between short-term and long-term goals and academic and social integration in college among first-generation and continuing-generation students. Findings indicated that short-term goals predicted social integration only, while long-term goals predicted both academic and social integration, regardless of generational status.

### **11:45 AM Perceptions of Positive Self-Change Influence Judgments of Temporal Distance**

**Kelsey Kayton**, *Ohio University*; Keith Markman, *Ohio University*

Past work has found that recalling more events in a time interval leads one to perceive a more distant past. We investigated this effect resulting from perceived change. In two studies, we found that more positive self-change leads one to feel more distant from a specified past event.

### **12:00 PM Can Hope & Optimism Interventions Be Delivered Online? A Pilot Study**

**Naheeda Ahamadeen**, *Indiana University-Purdue University Indianapolis*; Kevin Rand, *Indiana University-Purdue University Indianapolis*

Hope and optimism are associated with many positive life outcomes. As such, interventions have been developed to increase hope and optimism. Delivering hope and optimism interventions in an online format to college students was found to be feasible and acceptable, although there may not be differential efficacy across the interventions.

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**MPA INVITED TALK**

**Open Science 201: Understanding What's Needed and What's Next for  
Transparent, Rigorous Research**

**Katherine Corker**  
*Grand Valley State University*

Thursday, April 18 | 11:10 AM-11:40 AM

Indiana

Over the last 10 years, psychologists have adopted more rigorous and transparent research practices, including preregistration, sharing data/materials/code, and direct replication. Yet, more remains to do to realize the potential of open science. I review what's next for open research: FAIR metadata, peer review improvements, and evaluation/incentives.

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**Professional Development Sessions**

Thursday, April 18 | 11:30 AM-12:20 PM

Logan

**11:30 AM Designing High Quality Survey Items**

**Dana Linnell**, *University of Wisconsin-Stout*

Designing high-quality surveys can be challenging, but it does not have to be! In this session, you will learn what is happening as participants respond to surveys, how to craft high-quality survey items, and how to check the quality of your surveys both before and after data collection.

Thursday, April 18 | 1:00 PM-1:50 PM

Kimball

**1:00 PM Introduction to FAPA -The Flexible Approach to Personality  
Assessment**

**Amir Poreh**, *Cleveland State University*



In this presentation, the author will introduce the Flexible Approach to Personality Assessment (FAPA). This two-tiered approach includes a brief core battery and a clinician-determined embedded questionnaire addressing relevant referral questions. Access to the Cleveland Adaptive Personality Questionnaire will be provided, allowing for hands-on experience with this new approach.

Thursday, April 18 | 1:00 PM-1:50 PM

Logan

**1:00 PM Faculty Perceptions of Undergraduate Student Attitudes and Behavior: The Impact of COVID**

**Fritz Erickson**, *Northern Michigan University*; John Erickson, *Western Kentucky University*; Steven VandenAvond, *Northern Michigan University*; Alan McEvoy, *Northern Michigan University*

This presentation explores changing faculty perceptions of student attitudes and behaviors and how faculty have modified their interactions with students since the onset of COVID. Over 13,000 faculty were invited to share their in-depth perceptions. Using natural language processing (NLP) algorithms, responses were analyzed using machine and deep learning models.

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## Invited Symposium

### From Magic to Memory: Eye Movements, Cognition, and the Brain

Thursday, April 18 | 1:00 PM - 2:50 PM

Salon 4/9

Organizers: Amrita Puri (University of Central Arkansas) &  
Deborah Hannula (University of Wisconsin-Milwaukee)

Might eye-movement behavior provide a unique window into cognitive processes and brain-behavior associations? Speakers in this symposium will explore the dynamics of eye movement behavior and highlight the potential for eye movements to reveal new insights into internal cognitive processes like attention and memory during wakefulness and sleep.

#### **Magical Contributions to the Study of Eye-Movements and Spatio-Temporal Attention**

ANTHONY S. BARNHART, Carthage College

#### **Eye-Movement Evidence of Memory Inhibition in Intentional Forgetting**

JONATHON WHITLOCK, University of Illinois Urbana-Champaign, LILI SAHAKYAN, University of Illinois Urbana-Champaign

#### **Memory-Based Eye Movements and Their Neural Correlates during Retrieval Control**

MRINMAYI KULKARNI, Rotman Research Institute, DEBORAH HANNULA, University of Wisconsin-Milwaukee

#### **Segmenting Experience into Generalizable Predictive Knowledge**

EUAN PRENTIS, The University of Chicago, AKRAM BAKKOUR, The University of Chicago

#### **Manipulating Autonomic Activity during Sleep: Implications for Sleep Physiology and Next-Day Cognitive Performance**

LAUREN WHITEHURST, University of Kentucky, ANJANA SUBRAMONIAM, University of Kentucky, GABRIEL GILMORE, University of Kentucky, RENE PEREZ, University of Kentucky, MARICEL

**Influence of Identity on Intra/Interpersonal Outcomes Associated with Goal Pursuit**

Thursday, April 18 | 1:00 PM - 2:50 PM

Salon 5/8

Goals provide our lives with a sense of meaning and purpose. Our day-to-day routines are often structured around the goals we choose to pursue. The importance we place on specific goals as well as how we work to attain them can have important implications for intra and interpersonal outcomes. This symposium brings together researchers who investigate various outcomes of goal pursuit, with an aim of facilitating discussion and collaboration between speakers and audience members. The current set of talks places special emphasis on the connections between goal pursuit and basic needs satisfaction (i.e., autonomy, competence, and relatedness). The first talk examines how the goal to be moral and virtuous impacts other-focused outcomes, such as prosocial behavior. The second talk discusses how basing self-worth on financial success may limit felt autonomy in goal pursuit, resulting in people feeling forced to prioritize financial goals at the expense of social ones. The third talk explores how self-concordance of goals, a type of autonomous goal attainment, is associated with increased well-being. The final talk establishes a new assessment of academic imposterism, with implications for academic-related goal pursuit as well as feelings of belonging and perceived support in academic spaces.

**Virtue Contingent Self-Worth Increases Prosociality and Other-Focused Emotions**

NICOLE E. KOEFLER, University at Buffalo, LORA PARK, University at Buffalo

**Social Implications of Financially Contingent Self-Worth**

DEBORAH E. WARD, Saint Joseph's University, LORA PARK, University at Buffalo

## **Religiosity and Self-Concordant Goals: Structured Values Lend Benefits**

RYAN GOFFREDI, University of Missouri-Columbia, KENNON M.

SHELDON, University of Missouri-Columbia

## **Imposterism Based on Mistrust: Impacts on Goals Among First-Gen Students**

Z. A. PANLILIO, University at Buffalo, M. D. SEERY, University at

Buffalo, V. JIMENEZ, University at Buffalo



## **Understudied populations and constructs of relationship-based violence**

Thursday, April 18 | 1:00 PM - 2:50 PM

Salon 1

Relationship-based violence, including unwanted sexual experiences (e.g., sexual assault) and intimate partner violence (IPV), remains endemic. While rates vary by methodology and population, global rates of sexual assault and IPV are as high as 65% (Dworkin et al., 2021; Tausch, 2019). To adequately understand relationship-based violence, scientific investigations must include understudied populations and novel targets. Due to the burden of injury and normalization of violence against women (Canan & Levand, 2019; Karr, 2023; Tobin-Tyler, 2023), the vast majority of research has examined sexual assault and IPV victimization within cisgender women. There are gaps in the empirical understanding of the consequences of men's victimization and evidence-based intervention programming. Attitudes supporting traditional gender roles and rape myth acceptance negatively affect all survivors, however little research has examined how other belief systems, such as dogmatism, may influence responses to relationship-based violence survivors. This symposium will address important gaps in the literature by including two studies with understudied populations, cisgender men in the United States and India who date women, and one study examining how dogmatism affects reactions to relationship-based violence disclosure. Attendees will gain a more comprehensive understanding of relationship-based violence regarding novel populations and constructs and opportunities for prevention and intervention.

**Help-Seeking Experiences of Male Survivors of Intimate Partner Violence**

KANICA BHUTORIA, Eastern Michigan University

**Intolerance, Rape Myth Acceptance and Reactions to Sexual Assault**

CHAZLYN MILLER, Eastern Michigan University

**Men's Sexual Assault Victimization and Condom Use Resistance**

NOELLE P. LEAHY, Eastern Michigan University



**Weight-related Experiences of Higher Weight Sexual Minority Individuals: Mixed-methods Perspectives**

Thursday, April 18 | 1:00 PM - 2:50 PM

Wilson

Higher body weight sexual minority (e.g., lesbian gay, bisexual; LGB) individuals routinely contend with negative weight-related experiences, which can have implications for a variety of health outcomes, from disordered eating and poorer body image to sexual health. The first talk examines how weight stigma experiences relate to disordered eating and body dissatisfaction in a sample of higher weight sexual minority adults, also exploring the role of weight bias internalization in this relationship. Unfortunately, negative weight-related experiences can and often do come from within the LGB community itself. Using reflexive thematic analysis, the second talk addresses this in the context of casual sexual encounters among higher weight sexual minority men, with a focus on strategies these men reported using to protect themselves from experiences of body shame and weight stigma. The final talk examines how gay community stress – particularly perceptions of the mainstream gay community's masculine, status-related demands – exacerbates the relationship between body shame and an unhealthy drive for muscularity. Together, these presentations highlight the role of negative weight-related experiences in the health and wellbeing of heavier sexual minority individuals. Findings offer insight into the role of within-community stress, suggesting a potential avenue for clinical intervention and community-level research.

**Examining Weight Stigma Among Higher Weight Sexual Minority Individuals**

SHRUTI KINKEL-RAM, Miami University, LUCY STACKPOLE, Miami University, JEFFREY M. HUNGER, Miami University.

**Casual Sex Among Larger-bodied, Sexual Minority Men: A Qualitative Study**

CONNOR I. ELBE, San Diego State University, JACKLYN A. SIEGEL, SDSU, REBECCA R. MENDOZA, SDSU, NICOLAS S. CARAVELLI, SDSU, AUTUMN J. ASKEW, SDSU/UCSD, JACQUELINE MITZNER, SDSU, EM CHAKKOUR, SDSU, AARON J. BLASHILL, San Diego State University/UCSD

**Stress, Body Shame, and Drive for Muscularity Among Queer Men**

ROBERTB. MANNING III, Miami University, ZACHARY A. SOULLIARD, Miami University



**Cognition and Learning**

Thursday, April 18 | 1:00 PM-2:50 PM

Salon 12

Moderator: Ben Denkinger (Augsburg University)

**1:00 PM Implicit Theories of Sexual Knowledge and Parent Adolescent Sexual Communication**

**Lizzy Bensen**, *University of Minnesota Duluth*; Ashley Thompson, *University of Minnesota Duluth*

This research explored the extent to which incremental and entity beliefs about sexual knowledge impacted frequency, comfort, and quality of parent-adolescent sexual communication. The results indicated that incremental beliefs of sexual knowledge were associated with the frequency and quality of information shared between parents and their adolescent children.

**1:15 PM Improving Design of Erroneous Worked Examples as a Learning Intervention**

**Noor Elagha**, *University of Illinois at Chicago*

Erroneous worked examples have proven effective for improving math learning outcomes. However, recent studies found that some learners have

difficulty in processing the presented error, inhibiting benefits from this intervention design. This study found that pairing erroneous worked examples with structural analogs facilitates error-processing, leading to increased learning benefits.

### **1:30 PM The Effects of Note Taking Modality and ADHD on Learning**

**Gabrielle Shimko**, *Indiana University*; Karin James, *Indiana University*

This work investigates the impact of lecture note taking modality (typed, handwritten, or no notes) and learning in relation to college students' ADHD symptoms. Both typed and handwritten notes enhanced learning for individuals with higher ADHD symptoms, emphasizing the importance of *active* note taking in learning and engagement during lectures.

### **1:45 PM Exploring Before Instruction Using Simulations in Undergraduate Chemistry**

**Ryan Patrick**, *University of Louisville*; Derek McClellan, *Kentucky Wesleyan College*; Aleeta Powe, *University of Louisville*; Danielle Franco, *University of Louisville*; Raymond Chastain, *University of Louisville*; Jeffery Hieb, *University of Louisville*; Linda Fuselier, *University of Louisville*; Marci DeCaro, *University of Louisville*

We tested the benefits of exploring chemistry simulations before instruction in two undergraduate chemistry course topics. When learning a simpler concept (atomic structure), exploring prior to instruction benefited students' conceptual understanding compared to completing the simulation after instruction. When exploring a more complex topic (stoichiometry), no conceptual benefit was found.

### **2:00 PM Reading Fiction, Theory of Mind, and Reading Comprehension in Adulthood**

**Virginia Tompkins**, *The Ohio State University*; Derek Montgomery, *Bradley University*; Xin Feng, *The Ohio State University*

Theory of mind (ToM) is related to text comprehension in childhood and to reading fiction in adulthood, but little work has integrated these lines of work in adulthood. This study examined reading fiction, ToM, and reading comprehension in young adults (N = 207), exploring potential pathways among the three.

## **Health, Stress, & Well-being**

Thursday, April 18 | 1:00 PM-2:50 PM

Salon 10

Moderator: Mona Ibrahim, Concordia College

**1:00 PM Viewing Health Equity Research in Rural Appalachia Through a Trauma-Informed Lens**

**INVITED SPEAKER: Christal Badour, *University of Kentucky***

People in the rural Appalachian region of the United States experience serious health inequities including multiple mental/physical health morbidities and premature mortality. This talk will share some of our recent findings regarding the role of trauma in understanding disparities in sleep health and substance use in this region.

**1:30 PM Connections of Covid-19-related Risk Perceptions with Sleep and Mental Health**

**Dilbur Arsiwalla, *University of Northern Iowa***

The purpose of the study was to examine whether Covid-related knowledge and risk perceptions predict sleep and mental health as well as examine age differences in these factors. The sample included 448 participants. Findings showed support for specific connections of Covid-related risk perceptions with sleep, stress, and mental health.

**1:45 PM Social Identification Among Individuals with Long COVID**

**Jordan Rubin-McGregor, *Miami University*; Jeffrey Hunger, *Miami University***

Using data from >10,000 participants, we find that people with Long COVID (LC) identify more strongly as ‘disabled,’ ‘COVID survivor,’ and ‘long-hauler’ than people who recovered from LC or never developed it. Identity strength predicted greater depression; however, degree of disability identification *prior* to developing LC moderated this relationship.

**2:00 PM Social Media Use and Daily Well-Being during the Pandemic**

**Alissa Russell, *Saint Mary's College*; Samantha Anderson, *Arizona State University*; James Rogers, *Saint Mary's College*; Xinran Liu, *Arizona State University***

The present study assessed the social media (SM) use and daily well-being of 407 adults mid-pandemic. Hierarchical linear model results showed that SM-use was not significantly associated with negative daily outcomes but was significantly and positively associated with daily positive affect, suggesting potential benefits of use during social restrictions.

**2:15 PM Emotions, Emotional Labor Strategies, and Stress among K-12**



## **Teachers**

**Yiwei Chen**, *Bowling Green State University*; Christy Horner, *Bowling Green State University*; Kristina LaVenia, *Bowling Green State University*; Brooke Short, *Bowling Green State University*

The primary purpose of the present study is to examine the relationships between teachers' emotions at work, emotional labor strategies, and perceived stress. Fifty-one teachers from a Midwestern K-12 school district participated in the online surveys. Both emotions at work and emotional labor strategies contributed significantly to teachers' stress.

## **Political Orientation**

Thursday, April 18 | 1:00 PM-2:50 PM

Salon 6/7

Moderator: Andrew Luttrell (Ball State University)

### **1:00 PM Political Ideology and Pain Promotion in Self-Improvement Products**

**Alberto Barchetti**, *University of Cincinnati*; Joshua Clarkson, *University of Cincinnati*; Ashley Otto, *Baylor University*

The research tests the potential influence of political ideology in the efficacy of using pain to promote self-improvement products. Results from two studies indicate that pain promotion is more effective for conservative (vs. liberal) individuals due to their tendency to maximize (i.e., seek the best available option).

### **1:15 PM Political Ideology Shapes Preferences for Material and Experiential Options**

**Yujin Lee**, *University of Cincinnati*; Alberto Barchetti, *University of Cincinnati*; Joshua Clarkson, *University of Cincinnati*

The present research tests competing hypotheses regarding a potential relationship between political ideology and preferences for material and experiential options (Van Boven & Gilovich, 2003). Findings reveal conservatives exhibit a greater preference for material (vs. experiential) options relative to liberals. Future directions regarding risk tolerance and outcome certainty are discussed.

### **1:30 PM Belief in Free Will Drives the Ideo-Attribution Effect**

**Elizabeth Ray**, *Indiana University*; Edward Hirt, *Indiana University-Bloomington*

This study provides causal evidence that the ideo-attribution effect is explained by differences in free will belief. Using a novel free will belief manipulation, we found that free will belief drives conservatives' tendency to make internal attributions and blame victims for their misfortune, over and above other related factors.

### **1:45 PM Do Professors Favor Liberal Students? Examining Perceived Versus Actual Bias**

**Julie Woodzicka**, *Washington and Lee University*; Grace Boudreau, *Washington and Lee University*; Sarah Hayne, *Washington and Lee University*

To what degree are perceptions regarding professor grading bias similar to actual grading bias exhibited by college professors? Although participants in a general public sample indicated that professors would rate a liberal-appearing student higher than a conservative-appearing student on logic, professors did not rate the students significantly different.

### **2:00 PM Patriotism as a Link Between Political Ideology and White Nationalism**

**Miguel Vazquez**, *DePaul University*; Christine Reyna, *DePaul University*; Alice Muller Pereira, *DePaul University*

Through a mixed methods design, we found that political ideology and patriotism (progressive and protective manifestations) may be driving factors in the perpetuation of White nationalist ideologies. If we are to combat extremism, we need to give particular attention to how conservative and patriotic ideals may be futherling far-right agendas.

### **2:15 PM Belief Bias: The Role of Epistemic Values and Analytic Thinking**

**Sinem Yilmaz**, *University of Illinois at Chicago*; Tomas Stahl, *University of Illinois at Chicago*

We examined in two studies how epistemic values and analytic thinking contribute to belief bias. In Study 1 we relied on a measure of belief bias in which value-neutral facts can interfere with logical reasoning. In Study 2 we examined belief bias caused by political convictions.

## **Relationship Dynamics & Decisions**

Thursday, April 18 | 1:00 PM-2:50 PM  
Moderator: Hannah R. Hamilton (University of Chicago)

Salon 3

### **1:00 PM Cognitive Representations in Romantic Relationship Decision-Making**

**INVITED SPEAKER:** *Laura V. Machia, Syracuse University*

People frequently weigh reasons for staying or leaving their romantic relationships. In this talk, I'll discuss how people process and prioritize these reasons based on their cognitive representations of each. Notably, reasons with detailed, nuanced representations that highlight their connection to other relationship aspects have the greatest influence on relationship decisions.

### **1:30 PM Gender stereotyping as a potential relationship-protective mechanism**

**Gabriela Pascuzzi, State University of New York at Buffalo**

When people experience pain in a romantic relationship, heterosexual people may turn to the convenient justification that their partner's harmful behavior was merely a reflection of their gender. Our study showed that men, but not women, explicitly saw their partners as more gender-stereotyped when they felt hurt compared to controls.

### **1:45 PM A study of pastors' perceptions regarding premarital counselling in church**

**Bakadzi Moeti, University of Botswana**

The current study sought to examine perceptions of pastors regarding premarital counseling (PMC). The study findings suggest that pastors need training to provide effective PMC among church members who are ready to get married.

### **2:00 PM A Meta Analysis of SES and Marital Satisfaction**

**Samantha Dashineau, Purdue University; Piper Reed, Purdue University; Haley Aiken, Purdue University; Madysen Depoy, Purdue University; Susan South, Purdue University**

This meta-analysis of 25,171 participants across 89 data sets investigated the role of income and education upon marital satisfaction, finding education to have a small, significant association to marital satisfaction. Findings suggest the importance of examining other "control" variables in analyses of married couples.

### **2:15 PM Partner Responsiveness and Depressive Symptoms Across the Transition to Parenthood**

**Charlotte Sudduth, University of Minnesota-Twin Cities; Jami Eller,**

*University of Minnesota-Twin Cities; Sarah Stanton, University of Edinburgh; William Rholes, Texas A & M University; Jeffrey Simpson, University of Minnesota-Twin Cities*

Though transitioning to parenthood can be exciting, this period is also challenging. In this study, we investigated whether partner responsiveness predicts depressive symptoms across the transition to parenthood. Self-reported markers of partner responsiveness were not consistently associated with depressive symptoms, but behaviorally-coded partner responsiveness was. Implications are discussed.

### **2:30 PM The Curvilinear Relationship of Attachment Orientation**

**Maxine Parker**, *Queen's University*

We tested whether a curvilinear model of attachment orientation could provide predictive information over and above a linear model. We tested the relationship between attachment orientation and self-esteem, personality variables and romantic conflict styles. We found evidence for a curvilinear relationship among these variables in our sample of undergraduates ( $N=2000$ )

## **Trauma and Traumatic Experiences**

Thursday, April 18 | 1:00 PM-3:00 PM

Indiana

Moderator: Dinah F. Meyer, *Muskingum University*

### **1:00 PM Developing a Culturally Informed Holistic Group-Based Intervention for Black Women Sexual Violence Survivors**

**INVITED SPEAKER: Bryana French**, *University of St. Thomas*; Robyn Gobin, *University of Illinois*; Valene Whittaker, *Washington, DC Veterans Affairs*; Kenosha Davenport, *Sexual Violence Center*

This paper will overview a project that aimed to develop a culturally-informed group therapy practice specifically for Black women sexual violence survivors. The intervention integrated best practices from existing frameworks of radical healing and sexual violence recovery for this multi-week intervention.

### **1:30 PM Sexual Victimization and Facets of Agreeableness with Fear of Intimacy.**

**Breanna Meadows**, *Cleveland State University*; Liz Goncy, *Cleveland State University*

This study examined whether facets of agreeableness had an effect on fear of intimacy above and beyond demographics and sexual victimization history.

Using a hierarchical regression it was found that only morality, modesty, and trust significantly related to fear of intimacy after controlling for demographics and sexual victimization history.

### **1:45 PM Cooperation Moderates Between PTSD and Post-Traumatic Growth**

**Breanna Meadows**, *Cleveland State University*; Liz Goncy, *Cleveland State University*

This study examined whether PTSD and facets of agreeableness interacted in predicting post-traumatic growth. Notably, Individuals who reported low PTSD symptoms and low cooperation reported the lowest post-traumatic growth. Also, those with high PTSD symptoms regardless of cooperation level reported the highest levels of post-traumatic growth.

### **2:00 PM Relationship Between Proximity to Trauma and Posttraumatic Stress Disorder Symptoms**

**Morgan Queen**, *Cleveland State University*; Liz Goncy, *Cleveland State University*

The current study examines the relationship between proximity to trauma and PTSD symptoms. Analysis revealed statistically significant differences in all PTSD symptoms and total PTSD by proximity. Specifically, individuals who experienced trauma directly showed significantly higher levels of PTSD symptoms compared to those who learned about another person's trauma.

### **2:15 PM The PCL-5 Diagnostic Utility in a Traumatically Injured Black Population**

**Timothy Geier**, *Medical College of Wisconsin*; Kaylen Vine, *Marquette University*; Lucas Torres, *Marquette University*; Christine Larson, *University of Wisconsin-Milwaukee*; Terri deRoos-Cassini, *Medical College of Wisconsin*

The PCL-5 diagnostic utility for PTSD was examined in Black Americans after traumatic injury. Optimal PCL-5 cut-score was 28. Findings are in line with other high-risk groups, likely impacting prevention and intervention efforts. Tailored cut-scores improve PTSD detection in marginalized groups.

### **2:30 PM Storytelling and Intergenerational Trauma among Arab, Middle Eastern, North African Americans**

**INVITED SPEAKER: Rawan Atari-Khan**, *Marquette University*; Nuha Alshabani, *Boston Medical Center*

Intergenerational trauma can be understood as the transmission of trauma

from one generation to the next. This includes forms of historical, cultural, and racial trauma. In a qualitative study with second generation Arab, Middle Eastern North African Americans, storytelling was identified as one conduit for the transmission of trauma. Findings from this study will be presented in this talk.



## Professional Development Sessions

Thursday, April 18 | 2:00 PM-2:50 PM Kimball

### **2:00 PM Understanding and addressing perfectionism in therapy**

**Noa Heiman**, *university of colorado*

In this session we will discuss the difference between adaptive and maladaptive perfectionism.

We will understand how perfectionism develops in childhood and how to approach maladaptive perfectionism in therapy. We will also learn ourselves to appreciate the beauty of imperfection through art, and ways to reframe the idea of perfection.

Thursday, April 18 | 2:00 PM-2:50 PM Logan

### **2:00 PM Introduction to Suicide Prevention: Research, Interpersonal Application, & Resources**

**Addison Helsper**, *Ball State University*

Discover pivotal suicide prevention theories, current trends, and an array of invaluable resources. Gain practical skills for interpersonal crisis response and foster connections. Leave with the confidence, motivation, and resources to address this critical issue utilizing your own strengths and perspectives. No prior knowledge is needed.

Thursday, April 18 | 3:00 PM-3:50 PM Kimball

### **3:00 PM Eastern Perspectives to Acceptance and Commitment Therapy for Healthcare Workers**

**William O'Brien**, *Bowling Green State University*; **Brooke Short**, *Bowling Green State University*; **Rong Xia**, *Bowling Green State University*

In this presentation, we will provide: (a) a review of projects investigating the integration of Western and Eastern perspectives in Acceptance and Commitment Therapy and (b) describe a newly developed Eastern

Perspectives ACT (EPACT) intervention protocol. Data on the feasibility and acceptability of EPACT will be presented.

Thursday, April 18 | 3:00 PM-3:50 PM

Salon 4/9

**3:00 PM Applying 101: Masters and Doctoral Psychology Programs**

**Elizandra Sandoval**, *Marquette University*; **Callie Koziol**, *Marquette University*; **Julianna Carpenetti**, *Marquette University*

Counseling Psychology doctoral students will discuss the differences among psychology graduate degrees, the application process for both master's and doctoral programs, and how to navigate interviews and make a final decision. The audience will be provided with tips and resources to aid in their application journey.

Thursday, April 18 | 3:00 PM-3:50 PM

Logan

**3:00 PM Me vs. ChatGPT: Harnessing AI to Foster Critical Thinking**

**Rebecca Totton**, *Oberlin College*

This hands-on workshop will explore ChatGPT and other AI language models and will provide resources and discussion surrounding pedagogical ideas to discourage AI usage as well as activities to promote AI usage in a way that fosters critical thinking and collaboration.

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**Sexual Trauma, Self-Compassion, and Perceptions about Sex and Disability**

Thursday, April 18 | 3:00 PM - 4:00 PM

Salon 10

Researchers in Counselor Education and Counseling Psychology worked together to create a community of research to address difficult conversation in culturally responsive psychology. This symposium will outline three research projects as part of an interdisciplinary research community. Participants will hear about the overarching topics of sexuality, self-compassion, sexual trauma, and perceptions about sex for older and disabled adults, and prayers and mindfulness among Muslims.

Projects included will be:

1. A qualitative study of the sexuality and sexual experiences of people with disabilities
2. A pilot project to increase comfort with and positive attitudes about sexuality for older adults; and
3. 3. Mindfulness, self-compassion and prayer with immigrants and refugees with disabilities. The studies shared in this symposium will include suggestions for future research and implications for clinicians in their work with clients to address those areas in culturally responsive counseling that can be difficult to address.

### **People with disabilities and their experiences with sexual relationships**

KARISSE A. CALLENDER, Marquette University; NISHI RAVI, Marquette University; ALEXANDRA M. KRIOFSKE MAINELLA, Marquette University, LEEZA ONG, Marquette University

### **At Our Age: Older adults' sexual comfort and attitudes**

ALEXANDRA M. KRIOFSKE MAINELLA, Marquette University;  
STEPHANIE A LAUBACHER, Marquette University

### **Exploring prayer and mindfulness for immigrants and refugee Muslim women**

LEEZA ONG, Marquette University

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## **Invited Symposium**

### **A Festschrift Honoring Dr. Kip Williams: Finally Being Included**

Thursday, April 18 | 3:00 PM - 5:05 PM

Crystal

Organizer: Jim Wirth, The Ohio State University

This symposium will capture how Dr. Kip Williams' experience not receiving a frisbee while walking in a park began a world-wide interest in researching ostracism (being excluded and ignored). Former and current mentees will discuss how their research builds from Williams' original work. Talks include presenting models for understanding the motivations of individual's ostracism-related behaviors. Several talks discuss ostracism's role in trauma, tragedy, stigmatization, and academics. The session concludes with



discussing ostracism's relationship to social death and invisibility. The talks show the ever-increasing diversity of ostracism-related topics.

**A Journey into Human Connections and Disconnections: Social Influences, Technology, and Temporal Aspects of Ostracism**

PAOLO RIVA, University of Milano-Bicocca

**The Situated Ostracism Model: A Framework for Understanding Motivated Ostracism Decisions**

SELMA C. RUDERT, University of Kaiserslautern-Landau, Germany

**Understanding Human Behaviors Through Motivations**

ZHANSHENG CHEN, University of Hong Kong

**Social Support, Perceived Ostracism and Trauma**

ERIC D. WESSELMANN, Illinois State University

**Being Noticed by Being Connected to Tragedy**

ANDREW H. HALES, University of Mississippi; MASON D. BURNS, University of Indianapolis; KENNETH TAN, Singapore Management University

**The Effects of Observing Ostracism of Stigmatized Targets on Need Satisfaction and Humanization**

MAAYAN DVIR, Reichman University; MAAYAN NAGAR, Ariel University

**We Don't Say, You Can't Play! Overcoming Ostracism Experiences from Pre-K to Post-tenure**

ADRIENNE R. CARTER-SOWELL, The University of Oklahoma

**Revisiting the Social Death Metaphor: Comparing Ostracism and Mortality Salience**

RACHEL S. TAGGART, Purdue University; MAAYAN DVIR, Reichman University; JANICE R. KELLY, Purdue University; EBONI BRADLEY, Purdue University; KIPLING D. WILLIAMS, Purdue University

**Ostracism Isn't Funny: Using Comics to Assess Social Invisibility and Hypervisibility**

EBONI BRADLEY, Purdue University; KIPLING D. WILLIAMS, Purdue University



## Confronting and Suppressing Prejudice

Thursday, April 18 | 3:00 PM-4:50 PM

Wilson

Moderator: Kurt Hugenberg (Indiana University)

### **3:00 PM The social implications of performative activism: Internal versus external motivations differentially affect prejudice confrontation decisions**

**INVITED SPEAKER: Conor J. O'Dea, *Butler University***

Society has recently seen a rise in performative activism. In validating a scale to measure internal (personal importance) versus external (performing) motivations to confront prejudice, we have shown that those who are more internally motivated have lower racial bias, are more antiracist, are lower in system-legitimizing ideologies, more accurately perceive racism, and choose more effective methods of confrontation.

### **3:30 PM Confronting Sexism in American and Chinese Cultures**

**Chengcheng Wang, *The Ohio State University*; Steve Spencer, *The Ohio State University***

We compared intentions and behaviors for confronting sexism between the U.S. and China. We found that Chinese people are less likely to indicate confrontation intentions for benevolent sexism, which is mediated by perceptions of the event as sexist. They are also less likely to actually confront benevolent sexism.

### **3:45 PM The Psychology of White Fragility**

**Jonathan Doriscar, *Northwestern University*; Sylvia Perry, *Northwestern University*; Wendi Gardner, *Northwestern University***

This study examines the experiences of White individuals when confronted with feedback suggesting racial biases. Across three studies ( $n = 743$ ) we find support for our model— White people with higher (vs. lower) bias-awareness experience less defensiveness and more shame when receiving bias feedback, leading to self-concept revisions.

**4:00 PM Goals Predict Avoidance, Redirection, and Confrontation (ARC) Responses to Anti-LGBTQ+ Bias**

**Kala Melchiori**, *James Madison University*; Robyn Mallett, *Loyola University Chicago*

Following an anti-LGBTQ+ bias scenario, we found that LGBTQ+ identity was positively associated with self-protection and respect goals, which in turn are positively related to avoidance and confrontation of the bias, respectively. Conversely, non-LGBTQ+ identity was positively related to the liking goal, which in turn was positively related to redirection.

**4:15 PM Influences of Race Prototypicality and Prejudice Suppression on Negative Evaluation**

**Simrat Samra**, *University of Denver*; Gina Paganini, *University of Denver*; E. Paige Lloyd, *University of Denver*

The present work examines how target characteristics of race and prototypicality, and prejudice suppression instruction inform trait judgments. We found participants may automatically engage in prejudice suppression regardless of instructions, and category membership may be sufficient to cue prejudice suppression for Black individuals. For White individuals, cues to Eurocentricity/Afrocentricity may bias judgments.

**4:30 PM A Novel Storytelling Approach to Increase Intergroup Empathy**

Josh Woods, *Grand View University*; **Jeevanjot Kapur**, *CultureALL*

Open Book, a novel interactive storytelling method, was found to increase empathy scores on the Interpersonal and Social Empathy Index compared to a standard lecture involving storytelling. Furthermore, this effect remained consistent over two weeks demonstrating this method's longer-term impact on interpersonal and social empathy.

**Emotion**

Thursday, April 18 | 3:00 PM-4:50 PM

Salon 6/7

Moderator: Kimberly Quinn (DePaul University)

**3:00 PM Disgust Response Predicts Aversion to Precision Fermentation Foods**

**Patrick Nebl**, *Elmhurst University*; Nathan Fonseca, *Elmhurst University*

Precision fermentation is a process in which microbial hosts produce sustainable alternatives to animal products. The purpose of this study was to determine if individuals show increased disgust to precision fermentation

foods. Participants did show greater disgust and this response was related to individual difference variables, such as food neophobia.

### **3:15 PM Exploring the Psychological Experience of Indulging in Guilty Pleasures**

**LaCount Togans**, *Miami University*; Allen McConnell, *Miami University*

We examined the emotional experiences of indulging in guilty pleasures. Across multiple studies, reflecting on guilty pleasures led to stronger feelings of amusement, contentment, guilt, and embarrassment. Also, people were more likely to indulge in them in front of close others. This emotional profile implicates cognitive dissonance and self-presentational functions.

### **3:30 PM Good Things, Bad Feelings: Anticipated Regret in Mutually Exclusive Decisions**

**Rose Williamson**, *Ohio University*; Keith Markman, *Ohio University*

Expanding on our prior work where choosing between accepting inferior guarantees or waiting for superior uncertainties felt worse than only waiting on those uncertainties, settling was assumed more regretful than waiting, even absent stated regret. Further, our original effects replicated regardless of guarantee quality and were mediated by counterfactual thinking.

### **3:45 PM Factor Analysis of Reasons to Disclose or Conceal Suicide Attempt**

Lindsay Sheehan, *Illinois Institute of Technology*; **Cora Liu**, *Illinois Institute of Technology*

We conducted factor analyses of reasons to disclose or conceal suicide attempt (n=231). We identified a 4-factor solution for reasons to disclose (fighting stigma, help-seeking, self-reflection and recovery, and social relationship) and a 5-factor solution (judgment and stigma, hopeless, coercion, concern for others, and triggering) for reasons to conceal.

### **4:00 PM The Privilege of Fear: Invariance Testing of a FoMO Questionnaire**

**Scott Debb**, *Norfolk State University*; Marnee McClellan, *Norfolk State University*; Katelyn Haschke, *Norfolk State University*; Yasmine Nabulsi, *Norfolk State University*; Frank Gilbert, *Norfolk State University*; Amber Doty, *Norfolk State University*; Tam Nguyen, *Norfolk State University*; Valencia Lagbo, *University of Virginia*

The experience of FoMO differs across racial/ethnic groups and its measurement along a common metric should not be assumed to be equal. The

FoMOS is a face-valid instrument although it seemingly cannot capture culture-specific nuances that may or may not show up in FoMOS scores, even within non-clinical samples.

## **Inclusive Practices in Education**

Thursday, April 18 | 3:00 PM-4:50 PM

Salon 1

Moderator: Shaalein Lopez (Governors State University)

### **3:00 PM Experiences of Psychology Applicants from Global South: Overcoming Barriers To Inclusive Education**

**INVITED SPEAKER:** Pankhuri Aggarwal, *The Family Institute at Northwestern University*

This study aimed to understand the challenges faced by international applicants from the global south (i.e., Asia, Africa, Latin America) while applying to graduate programs in psychology in USA. The authors provide guidelines and recommendations for graduate programs to help address these barriers and make education more inclusive.

### **3:30 PM BIPOC Students' Evaluations of Multicultural Training in Clinical Psychology Programs**

**Frederick Siglar**, *Southern Illinois University Carbondale*; **Ankita Sahu**, *Southern Illinois University Carbondale*

This study identified potential dimensions of multicultural training experiences in which BIPOC clinical psychology trainees have lower evaluations than their White peers. Results indicate significantly lower evaluations in incorporation of multicultural discussions throughout clinical training and educating on mental health consequences of systemic oppression. Implications will be discussed.

### **3:45 PM Belief in Learning Styles and the Barnum Effect**

**Brandon Whittington**, *Jefferson College*

This study examined the Barnum Effect as a theoretical explanation for belief in learning styles theories, despite a lack of evidence to support their utility. Participants rated a description of their learning style as highly accurate, regardless of whether it was reflective of their score on a learning styles inventory.

### **4:00 PM Discrimination and SRO fairness affect LGBTQ students' school safety perceptions**

**Elizabeth Rovegno**, *Loyola University Chicago*; Allison Lloyd, *University of Maryland, Baltimore County*; Yael Granot, *Smith College*; Maryse Richards, *Loyola University Chicago*

We explore whether discrimination or fairness of treatment by School Resource Officers best explains discrepancies in school safety perceptions among LGBQ and heterosexual students. Parallel mediation suggested that each of these variables explain significant and unique variance in LGBQ students' safety. Recommendations for fostering safer schools are presented.

#### **4:15 PM Students' Self-efficacy - Role of Emotional Intelligence and Institutional Support.**

**Neena Gopalan**, *University of Redlands*; Carlo Carrascoso, *University of Redlands*

Working students face specific challenges in managing their personal, work, and school lives. Current study explored the role of Emotional Intelligence and Institutional Support between students' Academic Demands and Self-Efficacy. Those with higher Emotional Intelligence reported better Self-Efficacy in the face of Academic Demands, while Institutional Support had no impact.

### **Memory and Reasoning**

Thursday, April 18 | 3:00 PM-4:50 PM

Salon 12

Moderator: Seth Chin-Parker (Denison University)

#### **3:00 PM Semantic-to-Autobiographical Memory Priming: Implications and Future Directions**

**INVITED SPEAKER: John H. Mace**, *Eastern Illinois University*

Conway (2005) argued that autobiographical memories are constantly forming in the background as we encounter stimuli in everyday life. This proposition suggests that massive amounts of autobiographical memories are activated (primed) daily, and such priming may influence how and why we remember the past. Mace and colleagues (e.g., Mace et al., 2019; Mace & Unlu, 2020) demonstrated that this form of priming (known as semantic-to-autobiographical memory priming) does influence intentional and spontaneous remembering. This talk will address how semantic-to-autobiographical priming influences remembering, the relationship between semantic memory and autobiographical memory, and the possible functions of this type of priming.

**3:30 PM Relationships between age, error scores, and psychological symptoms in youth.**

**Jessica Paxton**, *Roosevelt University*; Karishma Patel, *Roosevelt University*; Bee Yang, *Roosevelt University*; Kelsey King, *Roosevelt University*

The current study assessed whether age moderated self-reported psychological symptoms and executive functioning error scores in a pediatric sample. The results show that self-reported depression and inattention are significantly associated with error scores in younger children, but this relationship is not present in teens.

**3:45 PM Model Development of Child Maltreatment, Executive Function, and Trauma Appraisal**

**Myshira Oliver**, *Andrews University*; Ronald Coffen, *Andrews University*; Jimmy Kijai, *Andrews University*; Bradly Hinman, *Andrews University*

Although child maltreatment (CM) has been demonstrated to be negatively associated with both executive functioning (EF) and trauma appraisal (TA), there is no established model within the literature that explains the relationship. The study developed a structural equation model displaying the relationship between CM, EF, and TA.

**4:00 PM Effect of Active Engagement on Belief in Social Media Posts**

**Yiwen Zhong**, *Vanderbilt University*

Our research examines how commenting on social media news posts affects people's understanding of news headlines as compared to passive reading. Across three studies, we found that while active engagement sometimes enhances relevance, emotional intensity, and likelihood to seek further information, it does not influence truth perception or agreement.

**4:15 PM Thermostat Anchors Affect the Selection of Temperature Setpoints**

**Torsten Reimer**, *Purdue University*; Jeonghyun Oh, *University of Alabama*; Juan Pablo Loaiza-Ramírez, *Purdue University*; Hayden Barber, *South Dakota State University*

Based on the literature on anchoring in judgment and decision making, effects of the properties of temperature scales on choices of temperature setpoints were expected. An experiment revealed independent effects of the current temperature as well as the midpoint and range of the used scale on the selected temperature setpoints.

## Health and Coping Psychology

Thursday, April 18 | 3:00 PM-5:00 PM

Salon 5/8

Moderator: Amber M. Henslee, (Missouri University of Science & Technology)

### **3:00 PM Hip-Hop H.E.A.L.S.!: Well-Versed Trauma Trainings Using Rap Music**

**INVITED SPEAKER: Jaleel K. Abdul-Adil, *University of Illinois at Chicago***

Hip-Hop H.E.A.L.S.! (H3) is a trauma-informed youth violence prevention program that integrates evidence-based practices with engaging exemplars from contemporary Rap music and Hip-Hop culture. This paper will summarize key initial findings from this innovative approach to trauma trainings for urban youth service providers in community-based prevention and clinic-based intervention.

### **3:30 PM Youth Voice and Experiences in Illinois Child Welfare Residential Care**

**Patricia Garibaldi, *Northwestern University*; Neil Jodan, *Northwestern University Feinberg School of Medicine*; Linzy Pinkerton, *Northwestern University*; Cassandra Kisiel, *Northwestern University***

This study uplifts youth voice through an examination of qualitative responses from 547 youth in Illinois child welfare residential treatment about the strengths and weaknesses of residential care. Youth highlighted many trauma-informed principles, including the importance of relationships, programming, staff, treatment, and empowerment. Youth provided more negative than positive feedback.

### **3:45 PM Using Standard DBT to Treat PTSD Symptoms in Adolescent Girls**

**Regina Pagel, *Cardinal Stritch University***

There was a modest relationship between posttraumatic reexperiencing symptoms and emotion dysregulation at admission. Additionally, participants endorsing severe posttraumatic reexperiencing symptoms upon admission experienced a more drastic reduction in PTSD symptomatology. However, there was no difference between groups regarding emotion regulation ability post-treatment.

### **4:00 PM Trauma Experiences During Incarceration Among Individuals**



### **With Mental Illness**

**Virginia Spicknall**, *Illinois Institute of Technology*; Silvia Armas, *Illinois Institute of Technology*; Rachel Parson, *Illinois Institute of Technology*; Clarissa Velázquez, *Illinois Institute of Technology*; Lindsay Sheehan, *Illinois Institute of Technology*

This study explores the viewpoints of 30 previously incarcerated individuals with mental illness on incarceration trauma and potential ways to reduce traumatic experiences that occur within the corrections system. Results point to desired changes at the systematic and individual personnel levels, including advocacy, training, and mental health and transition services.

### **4:15 PM Indigenous Recreational Sport Activities and Psychological Well-being of Children**

**Dr. Rajnish Chandra Tripathi**, *Government Girls' Degree College, DLW, Varanasi. Affiliated to MGKVP, University, Varanasi.*; Shabana Bano, *Banaras Hindu University*

The present study examined the role of indigenous recreational sport activities on psychological well-being of children. Results revealed significant difference between pre and post test of experimental group but not in the case of control group, indicating that indigenous recreational sport activities has positive role in psychological well-being of children

### **4:30 PM Trauma and Recovery Among Urban African Americans with SMI**

**Miranda Twiss**, *Illinois Institute of Technology*; Patrick Corrigan, *Illinois Institute of Technology*; Katherine Nieweglowski, *Illinois Institute of Technology*; Lindsay Sheehan, *Illinois Institute of Technology*

Recovery orientation is hypothesized to be a protective factor following trauma exposure. This study examines whether distress ratings or yes/no reports of experience better predict negative outcomes of trauma, testing recovery as a mediator. Results also reveal a cluster of trauma types among urban African Americans with SMI.

### **4:45 PM Depression and Generalized Anxiety Disorder Symptoms Differentiate ER Response Repertoires**

**Leah Kehler**, *Cleveland State University*; Ilya Yaroslavsky, *Cleveland State University*

Using a latent profile analysis, we explored whether unobserved adaptive and maladaptive ER response patterns could be predicted by depression and GAD

symptoms and their interaction. Both symptoms individually and jointly differentiated latent profile membership. Clinical implications are discussed.

## **Multicultural and Multiracial Perspectives**

Thursday, April 18 | 3:15 PM-5:00 PM

Indiana

Moderator: Geoffrey Durso (DePaul University)

### **3:15 PM Barriers to Belonging: Exploring Multiracial and Multicultural Experiences of Exclusion and Discrimination**

**INVITED SPEAKER: Brenda Straka, *University of Illinois, Urbana-Champaign***

As social beings, the social groups we claim (e.g., race, gender, religion) help fulfill fundamental belonging needs by defining who it is we are, and who we are not. Previous theorizing of group-based identities has focused mainly on singular-identities and how inclusion-based experiences shapes those identities. Here, I present empirical and multi-method research investigating how Multiracial and Multicultural adults navigate and negotiate their collective-identities as they face exclusion interpersonally from ingroup and outgroup members as well as from institutional sources.

### **3:45 PM Black People's Beliefs About White People's Antiracist Behavior**

**Jennifer LaCosse, *University of Michigan Flint***

Black people's beliefs that White people should be antiracist predicts support for White people attending racial equality rallies/marches and support for White people posting on Facebook about racial inequality; these beliefs did not predict support for White people *leading* a protest or *organizing* a non-profit dedicated to racial equality.

### **4:00 PM Exploring moderators for systemic definitions of racism for People of Color**

**Christopher Coleman, *University of California, Davis*; Alison Ledgerwood, *University of California, Davis***

A series of three different moderation analyses showed that a systemic definition of racism was similarly important for participants with lighter and darker skin tones, for participants who identified as Black, Asian, and Latiné, and for participants who were first, second, and later-generation immigrants.

### **4:15 PM Genuine versus Performative Racial Allyship and Black**

### **Americans' Political Participation**

**Amanda Mosier**, *Indiana University - Purdue University Indianapolis*;  
Margaret Stockdale, *Indiana University-Purdue University Indianapolis*  
This research provides evidence that White politicians can promote identity safety and increase political participation among Black voters by engaging in genuine racial allyship. Further, it emphasizes the harm that can occur by White politicians engaging in performative allyship. Moderating variables and implications for minority group turnout will be discussed.

### **4:30 PM Impacts of the Cross-Race Effect on Victims**

**Sonja Mayordomo**, *Pennsylvania State University*; Michael J. Bernstein,  
*Penn State University Abington College*

We examined the Cross-Race Effect (CRE) from the perspective of individuals witnessing or experiencing it in everyday scenarios. Results revealed Black participants reported more discomfort and made more racial attributions when experiencing the CRE compared to White participants. These findings shed light on differing implications of CRE on racial groups.

### **4:45 PM Religious Identity, and Relational Strategies of Muslims in Two Social Contexts of India**

**Shabana Bano**, *Banaras Hindu University*

A sample of 181 participants was drawn to examine religious identity and relational strategies of the Muslims living in two cities of India. Findings reported that Muslims of both cities had strong religious identity. Integration and coexistence strategies were stronger in Varanasi, while separation orientation was stronger in Srinagar.

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## **Professional Development Sessions**

Thursday, April 18 | 4:00 PM-4:50 PM

Kimball

### **4:00 PM An Introduction to Positive Psychotherapy: Implications for Cross Cultural Therapy**

**Andre Marseille**, *Chicago State University*

Positive psychotherapy (PPT) is a strengths-based approach that is directly aimed at providing the client with a more comprehensive perspective of his or her life circumstances. Positive Psychotherapy is inherently transcultural and has been successfully applied in many cultures in remedying symptoms and psychological disorders like anxiety, depression and trauma.

Thursday, April 18 | 4:00 PM-4:50 PM

Logan

**4:00 PM Strengthening Working Alliance within Professional Psychology using Multicultural Skills**

**Ankita Sahu**, *Southern Illinois University Carbondale*; Frederick Siglar, *Southern Illinois University Carbondale*

This professional development session provides didactic training in the application of multicultural skills to strengthen working alliance within therapeutic and supervisory relationships. Participants will learn to identify and integrate multicultural skills using specific strategies and tools. The session will involve group discussions and case vignettes.

Thursday, April 18 | 4:00 PM-4:50 PM

Salon 4/9

**4:00 PM Fostering Sustainable Behavior in Institutions of Higher Education**

**Elise Amel**, *University of St. Thomas*; Christie Manning, *Macalester College*; Catherine Daus, *Southern Illinois University Edwardsville*; Makayla Quinn, *University of St. Thomas*

This session will apply organizational psychology tools to positively change how Higher Education Institutions approach sustainability. Appropriate for faculty, staff, and students, topics include leveraging organizational culture, defining a shared sustainability competency, job design, motivational strategies, transformational leadership, and developing resilience in the face of challenges.

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**Cognitive and Behavioral Neuroscience Posters**

Thursday, April 18 | 3:30 PM-4:45 PM

Upper Exhibit Hall

Moderator: Kristina Pagel-Martinez (Lawrence University)

**1 Effect of Delayed Reinforcement on Lever Pressing for Wheel-running Reinforcement**

**Ruth Stanley-Blackwell**, *Queen's University*

Investigated the effects of delayed reinforcement on the lever-pressing behaviour of Long-Evans rats for wheel running reinforcement. Rats pressed on a variable-ratio 5 schedule for reinforcement. Delays of 0, 2, 4, 8, 16 and 32s were introduced under light change and no light change conditions. Lever-pressing rates only decreased under no light

## **2 Measuring Risky Choice with the Novel Equivalent Expected Value Task**

**Shreemukta Adhikari**, *Northern Kentucky University*; Rayah Bako, *Northern Kentucky University*; Reuben Mains, *Northern Kentucky University*; Bradley Zwick, *Northern Kentucky University*; Kevin Berling, *Northern Kentucky University*; Maria Broderick, *Northern Kentucky University*; Justin Yates, *Northern Kentucky University*

We tested rats in a novel equivalent expected value (EEV) task to model risky choice, in which the expected value of two competing alternatives was identical during individual blocks of trials. Females were more risk averse, and methamphetamine further decreased risk aversion in males and females.

## **3 Protective Effects of Environmental Enrichment Against Stress in Prairie Voles**

**Yessenia Chavez**, *Northern Illinois University*; Audra Verchimak, *Northern Illinois University*; Alex Amidei, *Northern Illinois University*; Nathan Campbell, *Northern Illinois University*; Christopher Wright, *Northern Illinois University*; Stephanie Muscott, *Northern Illinois University*; Stephanie Drendel, *Northern Illinois University*; Sydney Fields, *Northern Illinois University*; Angela J. Grippo, *Northern Illinois University*

The combination of chronic social isolation and an acute environmental stressor may have important behavioral consequences, which may be prevented with environmental enrichment (EE). Socially monogamous prairie voles were observed for responses to social environmental stressors with or without EE. EE (versus control) groups displayed reduced anxiety-like behaviors.

## **4 The Impact of Concussions on Emotion Recognition and Neural Activation**

**Joshua Ricker**, *Wright State University Lake Campus*; Gwyn Elking, *Wright State University Lake Campus*; Hannah Ranly, *Wright State University Lake Campus*; Kaitlyn Clark, *Wright State University Lake Campus*; Gace Bridges, *Wright State University Lake Campus*

The inability to assess and regulate interpersonal emotions shows correlation with negative mental health (Gosselin et al., 2011). This study explores the presence of concussion history and its impact on assessment and regulation of emotions, while also measuring neural activity using electroencephalography.

## **5 Age Does Not Change Reinforcement-Based Locomotor Learning**

**Leonardo Barzi**, *Northern Illinois University*; Christopher Hill, *Northern Illinois University*; Matt Wilson, *Northern Illinois University*; Tyler Wood, *Northern Illinois University*; Emerson Sebastião, *University of Illinois Urbana-Champaign*

Reinforcement feedback during skill learning has mixed effects on older adults, but its effects is unknown in locomotion. We tested young and older adults during a locomotor adaptation task with reward, punishment, or visual feedback. All groups learned the task with no groups or feedback conditions.

## **6 Individual Differences as Predictors of Neuropsychological Assessment in Cognitive Impairment**

**Sydney Gardner**, *Avila University*; Jordan R. Wagge (She/Her/Hers), *Avila University*

We will investigate if individual differences (i.e., age, sex, years of education) act as predictors of neuropsychological battery scores for cognitively impaired populations including Alzheimer's disease and vascular encephalopathy. We expect to find associations of neuropsychological scores with age and education, but not with sex.

## **7 dACC in Delay Discounting: fMRI & H-MRS Analysis of Smoking**

**Sydney Gardner**, *Avila University*; Laura Martin, *University of Kansas Medical Center*; Marcia Pasqualini, *Avila University*

We examined differences in impulsivity in the dACC of smoking and non-smoking individuals completing an fMRI delay discounting task and H-MRS. We predict that smoking participants will show (1) greater percent signal change in the dACC when choosing immediate versus delayed rewards, (2) greater levels of Glx and NAA.

## **8 The Effect of Positive Affirmations on Perception of Rapid Events**

**Pasquale Chianello**, *University of Wisconsin-Parkside*; Melissa Gregg, *University of Wisconsin Parkside*

In this project, we present behavioral and physiological evidence that self-affirmations affect the ability to ignore emotional stimuli.

## **9 Development of a Standardized Video Game Image Database**

**Andrew McCarty**, *University of Minnesota, Duluth*; Rebecca Gilbertson, *University of Minnesota -- Duluth*; Jonathan Hammersley, *Western Illinois University*; David Hale, *Western Illinois University*; Samuel Birkholz, *North Dakota State University*; Kristy Keefe, *Western Illinois University*

Participants completed ratings on 119 gaming-related images across five categories: Valence, Arousal, Relevance, Urge, and Interest. Positive associations between gaming addiction scores and image ratings were revealed. Gaming addiction was also negatively associated with extraversion and conscientiousness. Additionally, video game images were standardized for luminescence, size, and hand placement.

### **10 Pro-Environmental Disposition Related to Resting State Neural Connectivity**

**Morgan Oja**, *Northern Michigan University*; Lin Fang, *Northern Michigan University*; Joshua Carlson, *Northern Michigan University*

Previous studies have examined the neural correlates of specific sustainable behaviors. However, the functional connectivity underlying environmental disposition more broadly is yet to be explored. Our findings indicate that variability in the functional connectivity between structures within frontoparietal and salience networks are related to differences in environmental disposition.

### **11 Assessing Cerebellar tDCS Impact on GAD Using PANAS and GAD-7**

**Shivangi Bhardwaj**, *Indiana State University*; Ted Maldonado, *Indiana State University*

Despite work demonstrating cerebellar involvement in emotion processing, little work has looked to examine cerebellar tDCS as a remediation technique for individuals diagnosed with anxiety. These findings suggest that cerebellar tDCS might be beneficial in modulation positive aspects of emotion, particularly in clinical populations, possibly updating current therapeutic techniques.

### **12 Spontaneous Emotion Regulation Effects on Emotional Memory: An ERP Study**

**Mia Utayde**, *University of Notre Dame*; Kristin Sanders, *University of Notre Dame*; Xinran Niu, *University of Notre Dame*; Elizabeth Kensinger, *Boston College*; Jessica Payne, *University of Notre Dame*

Emotion regulation strategies may enhance or impair memory for emotional events. The late positive potential (LPP) is used to measure the effectiveness of participants' natural tendencies to regulate their emotions while encoding negative or neutral scenes. The association between the LPP, emotion regulation, and subsequent memory will be examined.

### **13 Conflict Processing in Simon and Flanker Tasks**

**Alexandr York**, *University of Michigan*; Han Zhang, *University of Michigan*; John Jonides, *University of Michigan*

The study assesses habit and goal response mechanisms through Simon and Flanker tasks with regulated reaction times, aiming to corroborate our computational model's claim of simultaneous habit and goal response preparation, using EMG data as supporting evidence.

#### **14 Resting-state Functional Connectivity of Inhibitory Control with Emotional Stimuli**

**Makayla Mattson**, *Northern Michigan University*; Lin Fang, *Northern Michigan University*; Joshua Carlson, *Northern Michigan University*; Dahlia Kassel, *Northern Michigan University*; Caleb Coughtry-Carpenter, *Northern Michigan University*

Inhibitory control supports the suppression of a prepotent response where cognitive control is engaged to filter out irrelevant information. With the use of an emotional anti-saccade task, we identified the amygdala, cerebellum, salience, frontoparietal, and default-mode networks as neural correlates involved in inhibitory control of affective distractors.

#### **15 Environmental Concern Linked to Electrocardiac Processing of Climate Change Information**

**Mikenna Weiler**, *Northern Michigan University*; Makayla Mattson, *Northern Michigan University*; Nina Di Loreto, *Northern Michigan University*; Morgan Oja, *Northern Michigan University*; Anna Patterson, *Northern Michigan University*; Jeremy Andrzejewski, *Northern Michigan University*; Lin Fang, *Northern Michigan University*; Joshua Carlson, *Northern Michigan University*

Climate change relevant information captures attention, but the time course involved in processing this information remains unknown. This study evaluates the electrocardiac time course for processing affective images of climate change and how variability in this time course relates to individual differences in climate anxiety and pro-environmental attitudes.

#### **16 Action representation when viewing e-cigarette devices predicts use intentions**

**Junjee Ko**, *The Ohio State University*; Dan Zhu, *The Ohio State University*; Alayna Tackett, *The Ohio State University*; Megan Roberts, *The Ohio State University*; Dylan Wagner, *The Ohio State University*

We examined the role of action representation in young adults who use e-cigarettes. Compared to those who don't use e-cigarettes, we found increased



brain activity in the left intraparietal sulcus that correlated with future intentions to vape. These findings suggest that action simulation contributes to e-cigarette dependence.

### **17 Neuropsychological profile of children with Sickle Cell Disease and Moyamoya**

**Karina Benson**, *University of Illinois at Chicago*; Ailyn Guadalupe Cortez-Saldivar, *University of Illinois at Chicago*; Woojin Song, *University of Illinois at Chicago*

Sickle cell disease (SCD) is the most frequent cause of cerebrovascular disease in children. SCD is often related to the development of moyamoya syndrome (MMS), which significantly increases the risk of cerebrovascular events (CVEs). This study aims to characterize neuropsychological profiles of children with concurrent SCD and MMS.

### **18 Neuroimmune Modulators Mediate Perceived Racial Stress Effects Diminishing Executive Functions**

**Ingrid Mood**, *Howard University*; Alfonso Campbell, *Howard University*; Jules Harrell, *Howard University*; Lloyd Ren Sloan, *Howard University*

120 African American community members participated in hospital studies of perceived racial stress (PRS) on cognitive flexibility (TMTB) hypothesized mediated by neuromodulators and proinflammatory cytokines. A cytokine, IL6, mediated damaging PRS stress effects on TMTB cognitive flexibility, moderated by gender (primarily for women) suggesting complex support for theorized neuroimmune pathways.

### **19 Relationships between Approach/Withdrawal Motivation, Handedness, Personality, and COVID-19 Behavior**

**Anders Villwock**, *University of Wisconsin River Falls*; Zoe Logan, *University of Wisconsin River Falls*; Heather Akey, *University of Wisconsin River Falls*; Maddie Ridgeway, *University of Wisconsin River Falls*; Katie Huber, *University of Wisconsin-River Falls*

We aim to investigate the influence of handedness and approach/withdrawal motivation on personality, political ideology, and COVID-19 risk-taking behaviors. Relationships between these variables will be explored through surveys and a behavioral task. This study has implications for understanding complex relationships between motivation, risk tolerance, and public health behaviors.

### **20 Changes in Psychological Distress following Intentional Social Media**

## **Reductions**

**Elizabeth Martin**, *Medical College of Wisconsin*; Michelle Schoenleber, *St Norbert College*; David Ferguson, *Medical College of Wisconsin*

The relationship between social media use, anxiety, depression, and traits of internet addiction was examined in this two-week, questionnaire-based randomized controlled trial with undergraduate students as the subjects.

## **21 Neuropsychological Functioning in the Context of Neighborhood Resource Deprivation**

**Kayla Hall**, *University of Illinois College of Medicine*; Michael Adegoke, *University of Illinois College of Medicine*; Nevin Orleans, *University of Illinois College of Medicine*; Ashley Heywood, *University of Illinois College of Medicine*; Devin Ulrich, *University of Illinois at Chicago, College of Medicine*; Matthew Phillips, *University of Illinois College of Medicine*; Kyle Jennette, *The University of Illinois at Chicago School of Medicine*

This proposed study aims to analyze the relationship between neighborhood disadvantage and neurocognitive functioning in patients evaluated for primary memory complaints. We hypothesize that greater SES disadvantage will be associated with cognitive profiles most consistent with cerebrovascular disease burden in a sample of patients referred for neuropsychological evaluation.

## **22 The Association of Neighborhood Deprivation and Neuropsychological Functional Impairment**

**Michael Adegoke**, *University of Illinois College of Medicine*; Kayla Hall, *University of Illinois College of Medicine*; Nevin Orleans, *University of Illinois College of Medicine*; Ashley Heywood, *University of Illinois College of Medicine*; Devin Ulrich, *University of Illinois at Chicago, College of Medicine*; Matthew Phillips, *University of Illinois College of Medicine*; Kyle Jennette, *The University of Illinois at Chicago School of Medicine*

Socioeconomic status (SES) and resource disparities significantly impact health and quality of life. This study assessed the role of neighborhood resource depravity and social determinants of health indicators on deficits in functional independence in a sample of patients referred for neuropsychological evaluation.

## **23 Examining the Impact of Physician Relationships on Mental Health in PCOS Patients**

**Emma Lear**, *Ball State University*; Lauren Frasier, *Ball State University*

PCOS is a neuroendocrine disease that can affect people with ovaries. People with PCOS report a dissatisfaction with the care they receive from physicians and report having mental health issues. Previous studies have researched patient satisfaction and mental health in PCOS patients separately; this study evaluates the correlation between the two.

#### **24 Relationship between 2D:4D Digit Ratio and Risky Driving Behaviors**

Trisha Prunty, *Blackburn College*; Jessica Prumm, *Blackburn College*  
Researchers investigated the relationship between risky driving behaviors and a marker of prenatal androgen exposure (i.e., the 2D:4D ratio). The hypothesis was that risky driving behavior may have less to do with a person's sex and more to do with prenatal hormone exposure.

#### **25 Mood PMS Predicts Binge Eating Disorder Symptoms in Early Adolescence**

Arlinda Shehu, *Saint Louis University*; Mya Falkenhain, *Saint Louis University*; Ava Larson, *Saint Louis University*; Katherine Luking, *Saint Louis University*

The luteal phase of the menstrual cycle is characterized by exacerbated mood fluctuations and irregular eating patterns. A unique relationship between an individual's sensitivity to mood fluctuations during the menstrual cycle and binge eating symptoms in female adolescents using data from the Adolescent Brain Cognitive Development (ABCD) study was found.

#### **26 Effects of Bisphenol-S on Reproductive Behavior in Female Rats**

Heather Molenda-Figueira, *University of Wisconsin-Stevens Point*; Carmen Morgan, *University of Wisconsin-Stevens Point*; Jacqueline Winemiller, *University of Wisconsin-Stevens Point*; Matthew Kopplin, *University of Wisconsin-Stevens Point*; Mike Ayensu-Mensah, *University of Wisconsin-Stevens Point*; Kyla Potter, *University of Wisconsin-Stevens Point*; Neo Johnson, *University of Wisconsin-Stevens Point*; Jessica Davis, *University of Wisconsin-Stevens Point*; Natalie Knollenberg, *University of Wisconsin-Stevens Point*; Chloe Brown, *University of Wisconsin-Stevens Point*; Ka Blia Thao, *University of Wisconsin-Stevens Point*

We are investigating the effects of developmental exposure to the endocrine-disrupting chemical, Bisphenol-S on female sexual behavior in rats. Based on preliminary results, it is expected that treatment with BPS will decrease sexual behaviors such as the lordosis posture and may alter the estrous cycle.

#### **27 How Spatial Anxiety and Working Memory Impact Nonvisual Spatial**

## **Reorientation**

**Claire Weseman**, *Ball State University*; Dan Nardi, *Ball State University*

Prior research shows that working memory (WM) and spatial anxiety impact spatial performance, but these findings have not been extended to reorientation. This study examined how WM and spatial anxiety affect performance in a nonvisual reorientation task using the slope of the floor.

## **28 Mapping of Area Size and Pitch in SNARC Task Setting**

**Chenyuan Li**, *University of Missouri Columbia*; Kristy vanMarle, *University of Missouri - Columbia*

SNARC effect suggests humans use a mental number line for numerical perception. Similar effects in tasks involving other magnitudes suggest similar mapping mechanisms for different magnitude dimensions. We employ a task closely resembling the classic SNARC task, with pitch sounds and visual areas displayed simultaneously to study multi-dimensional magnitude mapping.

## **29 Influence of attention and time delay on long-term memory**

**Gabriella Wuerfl**, *Saint Xavier University*; Siobhan Herrebut, *Saint Xavier University*; Hannah Archambeau, *Saint Xavier University*; Chaniece Dobson, *Saint Xavier University*; Gregory DeGirolamo, *St. Xavier University*

We examined the relationship between attention, learning spatial locations, and long-term memory over varying timepoints. Participants learned different spatial layouts and completed either a 10-minute, 15-minute, or 20-minute attention task. Memory for layouts was tested last. We discuss time-related spatial memory changes and relationship between attention, learning and recall abilities

## **30 The Effects of Action Rehearsal and Mood on Simulator Sickness**

**Aaron Cecil-Xavier**, *The University of Michigan-Ann Arbor*; Shelia Kennison, *Oklahoma State University*

This study provides insight into methods that improve user experience in virtual reality (VR) training environments through a novel intervention based on theories of embodied cognition. We explored whether a pre-VR body movement exercise could mitigate symptoms of simulator sickness. The influence of mood on simulator sickness was also considered.

## **31 Reduced Cognitive Flexibility Associated with Orthorexia Nervosa in Community Adults**

**Izzy Bowen**, *Miami Univeristy*; Niki Hayatbini, *Miami University*; Vrinda Kalia, *Miami University*

Cognitive flexibility difficulties are implicated in disordered eating. Orthorexia nervosa is an eating disorder characterized by a preoccupation with eating clean/healthy food. The relation between cognitive flexibility and orthorexia symptoms was examined in community adults. Data show that symptoms of orthorexia nervosa are associated with reduced cognitive flexibility in adults.

### **32 Cannabinoid Receptors as a Potentially Novel Drug Target for Alzheimer's**

**Jesse Kaufman**, *Slippery Rock University of Pennsylvania*

Alzheimer's disease research focusing on cholinergic receptors is being exhausted. However, new evidence exists showing crosstalk between cannabinoid and muscarinic acetylcholine receptors. Therefore, this project seeks to investigate cannabinoid receptors as a novel drug target for Alzheimer's disease, potentially negating the negative side-effects seen with the currently available drug designs.

### **33 Locomotor activity in female and male rats after acute oxycodone**

**Aaliyah Harrell**, *Northern Kentucky University*; Isabella Carr, *Northern Kentucky University*; Ana Rey Caldera, *Northern Kentucky University*; Morgan Goepper, *Northern Kentucky University*; Tyler Downnen, *Northern Kentucky University*; Mark Bardgett, *Northern Kentucky University*

We characterized the effects of acute oxycodone on locomotor activity in rats. Low oxycodone doses elevated locomotor activity and a high dose reduced activity. Sex did not alter responses to oxycodone. Locomotor responses to acute oxycodone may serve as a quick and useful assay of factors that influence oxycodone sensitivity.

### **34 Estradiol affects cocaine-induced locomotion differently by sex in Japanese quail**

**Molly Samonds**, *Centre College*; Emma Silvert, *Centre College*; Claire Melvin, *Centre College*; Indy Rodriguez, *Centre College*; Anna Bostoganashvili, *Centre College*; Karin Gill, *Centre College*

Estradiol enhanced cocaine-induced locomotor activity in both male and female Japanese quail housed in short-light (8L:16D) conditions. Estradiol enhanced cocaine-induced locomotion in male, but not female, quail that were housed in long-light conditions (16L:8D). The results of this study may reflect differences in genetic sex between mammals and avians.

### **35 The Effect of Children's Internet Knowledge on Online Critical Thinking**

**Travis Hicks**, *Illinois State University*

No studies have examined whether children's understanding of the internet's social complexity interacts with the relationship between age and trust in online information. Through interviews, I am studying if such an interaction exists between children's understanding of the internet and their age to affect

### **36 Investigating Magnitude Comparison, Processing Speed, and Mathematics Anxiety in K-3.**

**Nadia Nosworthy**, *Andrews University*; Mgontsa Kamvazaana, *Andrews University*; Christina Stowell, *Andrews University*; Jocelyn Willis, *Andrews University*

This study investigated the relationship between magnitude comparison, mathematical skills, processing speed and math anxiety as it emerges across development in K-3. Results provide insights in characterizing which abilities are predictive of mathematical skills and their dysfunction and will aid in the development of interventions.

### **37 Identifying targets of treatment intervention related to crimes of child sexual exploitive material (WITHDRAWN)**

**Blake Gilbert**, *North Dakota State University*; Andrew Hull, *Minnesota Department of Corrections*; Chad Brownfield, *Augustana College*; Bailey Capan, *Augustana College*; Raymond Knight, *Brandeis University*

Individuals involved with child sexual exploitive material (CSEM) has increased and are commonly seen in clinical and forensic settings. This study attempted to clarify factors that differentiate CSEM offenders from contact offenders. Identifying these differing characteristics are vital for appropriate treatment recommendations to boost rehabilitation and community safety.

### **38 Assessing Fidelity for the Cultivando Fortaleza (Cultivating Resilience) Intervention**

**Norma Reyes**, *University of Wisconsin-Milwaukee*; Monica Estrada, *University of Wisconsin--Milwaukee*; Alma Vazquez-Smith, *University of Wisconsin, Milwaukee*; Toriah Haanstad, *University of Wisconsin--Milwaukee*; Elizabeth Montes, *University of Wisconsin--Milwaukee*; Natasha Basu, *University of Wisconsin--Milwaukee*; Gabriela Nagy, *University of Wisconsin - Milwaukee*

Fidelity, the adherence to intervention protocols, is pivotal for intervention effectiveness, quality assurance, and adaptation guidance. Despite its importance, fidelity assessment methods lack consensus. Our team will report on findings from a comprehensive fidelity assessment system for an acculturative stress intervention, *Cultivando Fortaleza*.

### **39 Processing Diverse Scalar Expressions in Conversational Contexts**

**Rebecca Wood**, *Ball State University*; Rishi Sarin, *Ball State University*; Lex Brown, *Ball State University*; Ana Júlia Nogueira Mourão, *Ball State University*; Eshmehar Sahni, *Ball State University*; Anna Gick, *Ball State University*; Thomas Holtgraves, *Ball State University*

In a study examining the processing of pragmatic and semantic interpretations of different scalar expressions, participants agreed with pragmatic interpretations more than semantic interpretations but were faster at judging semantic interpretations than pragmatic ones. These results extend prior research by using pragmatic interpretations without negation.

### **40 Do contextually ambiguous emoji elicit repair? A digital interaction study** ✨

**Rishi Sarin**, *Ball State University*; Emily Cronk, *Ball State University*; Carson Brooks, *Ball State University*; Jenna Kelly, *Ball State University*; Skye Allen, *Ball State University*; Collin Kriegbaum, *Ball State University*; Holley Hannegan, *Ball State University*; Anna Gick, *Ball State University*; Thomas Holtgraves, *Ball State University*

We investigated digital conversations and whether interactants initiate repair when encountering contextually ambiguous emoji. Although many models of language use assume interactants initiate repairs to correct misunderstandings, we found repairs were initiated less than half the time. Memory of emoji differed depending on whether repair was initiated or not.

### **41 AI Detection of Depression, Anxiety, and Stress: A Systematic Review**

**Carole Woolford-Hunt**, *Andrews University*; Karla Basurto-Gutierrez, *Andrews University*; Camille Graham, *Andrews University*; Anthony McCulloch, *Andrews University*

As mental health challenges surge against limited care resources, the role of Artificial Intelligence in healthcare grows, promising improved diagnostics and therapies. This Systematic Review assesses AI's efficacy in recognizing mental disorders through physiologic and behavioral cues, and indicating its potential for early detection, prevention of escalation and tailored treatments.

#### **42 A linguistic character analysis of Dexter’s internal monologues**

**Tara Wrobel**, *University of Indianapolis*; Candice Burkett, *University of Indianapolis*; Abigail Slaughter, *University of Indianapolis*; Paisley McFarland, *University of Indianapolis*

Dexter Morgan is a fictional character of interest due his character complexity and “moral code”. This exploratory study investigates Dexter’s inner monologues using LIWQ-22 across season one of the series. Results suggest linguistic shifts during critical plot elements and show promise as a method to investigate character complexities and development.

#### **43 Measuring the Semantic Priming Effect Across Many Languages**

**Amanda Kaser**, *Ashland University*; Justin Parks, *Ashland University*; Christopher R. Chartier, *Ashland University*

Semantic priming has been studied in English and in studies with relatively low sample sizes. Our study includes ten languages and large samples, creating a large database of semantic priming values. This will help future researchers by allowing them to compare and contrast semantic relationships between words across many languages.

#### **44 Effects of Engagement Level on Timing Performance**

**Brandon May**, *Cleveland State University*; Andrew Slifkin, *Cleveland State University*

Participants attempted to reproduce a metronome beat following an initial familiarization period. During familiarization, participants were instructed to either tap their finger with the metronome beat (active engagement) or just listen to the beat (passive engagement). We hypothesized that timing performance quality would be higher under conditions of active engagement.

#### **45 The Importance of Graphic Design in Academic Research Posters**

**Rachel Beckmann**, *Governors State University*

When designing your academic research poster, you probably decided to go the 'traditional' route: minimal color, paragraphs-worth of literature review, and maybe you've popped in one pie graph to draw attention to your otherwise...bland poster. The “correct” poster. But, is that effective? Stop by my presentation and find out why typography matters!

#### **46 Elucidating Distinct Patterns of Crossmodal Interference During Spatial Selective Attention**



**Linda Tomko**, *Purdue University*; Robert Proctor, *Purdue University*; Darryl Schneider, *Purdue University*

Visual dominance is commonly found in crossmodal spatial contexts. Irrelevant spatially incongruent visual stimuli interfere with attending and responding to auditory spatial stimuli more than the inverse situation with modalities reversed. With verbal-spatial stimuli, this asymmetry is not apparent. A series of experiments systematically examines the basis of this distinction.

#### **47 The Relationship Between Trait Anxiety and Components of Attention**

**Gia Macias**, *Purdue University*; Darryl Schneider, *Purdue University*

The current research addressed how trait anxiety is related to attentional effects associated with alertness and cognitive control. Only alerting effects in response times and error rates were positively correlated with anxiety. Heightened sensitivity to abrupt-onset stimuli might underlie the relationship between trait anxiety and alertness.

#### **48 Losing Focus? Changes in Sustained Attention Over Time**

**Michael Peck**, *Indiana University*; Sara Konrath, *Indiana University & University of Michigan*

Many people believe that human attention is declining over time, especially with the introduction of new technology. We use cross-temporal meta-analysis to examine changes in the Sustained Attention Response Task over time, with implications for attention-related cognitive and learning processes.

#### **49 Resolving Interference using a novel forced-response method**

**Su Wang**, *University of Michigan*; John Jonides, *University of Michigan*

We applied a forced-response approach to arrow flanker and arrow Simon tasks, to investigate whether this novel paradigm will dissociate the cognitive processing of conflict resolution. We hypothesized that habit- and goal-directed responses can be distinctively affected by previous incongruency, high probability of incongruency, and the salience of the target.

#### **50 Knowledge-Based Perceptual Filling-in Lends Precision to the MIDI Vocals Illusion**

**Seth Metcalfe**, *Bradley University*; Joseph Harris, *Bradley University*

The MIDI vocals illusion is a novel perceptual illusion wherein listeners perceive vocal elements in a digital audio file devoid of such elements. Our study is the first to demonstrate that perceiving words during this illusion

reflects a top-down perceptual filling-in mechanism based in prior knowledge in the auditory domain.

### **51 Spatial Enhancement and Suppression in Visual Search: Learning and Unlearning**

**Elliott Gray**, *Southern Illinois University, Carbondale*; Tamera Coulter, *Southern Illinois University, Carbondale*; Matthew Junker, *Southern Illinois University*; Reza Habib, *Southern Illinois University Carbondale*

Target enhancement and distractor suppression via statistical learning of spatial regularities is thought to be rapidly acquired and long-lasting. Although most research assumes these characteristics, the present research utilizing an additional singleton task demonstrates they apply to only rapid acquisition of target enhancement, not distractor suppression.

### **52 Identifying Careless Survey Responding with an Open-Ended Question**

**Taylor Fusaro**, *Southern Illinois University Edwardsville*; Jessica Stroup, *Southern Illinois University Edwardsville*; Kaia Ford, *Southern Illinois University Edwardsville*; David Fisher, *Southern Illinois University Edwardsville*

This study examined written responses to an open-ended question as a means of detecting careless survey responding. The carelessness designations derived from the written responses were reliable, exhibited convergent validity with other established metrics, and provided unique information by identifying careless responders that were not flagged by other metrics.

### **53 WISC–V Australia/New Zealand Version Structural Validity: Hierarchical Exploratory Factor Analyses**

**Gary L. Canivez**, *Eastern Illinois University*; Soheil Afshar, *Macquarie University*; Ryan McGill, *The College of William & Mary*; Marley Watkins, *Baylor University*

Hierarchical EFA failed to identify separate WISC–V: Australia/New Zealand Visual Spatial and Fluid Reasoning factors with the standardization sample ( $N = 528$ ). General intelligence accounted for substantially larger portions of subtest variance than the four viable first-order factors, which accounted for poor unique measurement. Primary interpretation should be of the FSIQ.

### **54 WISC–V Australia/New Zealand Construct Validity: Evidence from CFA**

**Gary L. Canivez**, *Eastern Illinois University*; Soheil Afshar, *Macquarie University*; Ryan McGill, *The College of William & Mary*; Marley Watkins, *Baylor University*

WISC–V:Australia/New Zealand standardization sample ( $N = 528$ ) CFA, like HEFA, failed to support a Fluid Reasoning factor and higher-order and bifactor models with four group factors fit data well. General intelligence accounted for substantially larger portions of variance than the four or five group factors which accounted for poor unique measurement.

### **55 Evaluating Eyewitness Postdictor Variables Using Expected Information Gain**

**David Zimmerman**, *Missouri State University*; Dario Rodriguez, *University of Dayton*; Bryan Barnes, *University of North Carolina Wilmington*; Shea Joyce, *Missouri State University*; Samantha Kollmeyer, *Missouri State University*; Jennifer Sample, *Missouri State University*; Buechler Sugar, *Missouri State University*; Christopher Erwin, *Missouri State University*; Lillie Kaempfe, *American International College*; Olivia Parks, *Missouri State University*; Sydney Stone, *Missouri State University*; Shelby Wynn, *University of Kentucky*; Connor Cox, *Missouri State University*; Payton Owens, *Missouri State University*; Kailee Prentice, *Missouri State University*; Shanna Borthick-Compton, *Missouri State University*

Undergraduate eyewitnesses viewed a simulated crime and attempted an identification from a culprit-present or culprit-absent lineup. We assessed several postdictor variables, including confidence, response latency, retrospective reports (e.g., attention), and self-reported decision processes. We will evaluate the informativeness of identification decisions and (configurations of) postdictors using expected information gain.

### **56 MDD, Insomnia, and The All of Us Research Program Database**

**Katherine Puv**, *Northwestern University*

The All of Us Research Program aims to create a database of 1,000,000 or more diverse participants for researchers to use. With this resource, we are examining the bidirectional relationship between Major Depressive Disorder and insomnia, which demographic is most impacted, and the sequence of diagnosis for participants.

### **57 Reconsolidation of Memory: An Experimental Manipulation of Memory Strength**

**Lauren Griffin**, *Southern Illinois University, Carbondale*; Caitlyn Richardson, *Southern Illinois University, Carbondale*; Jordan Dale, *Southern*

*Illinois University, Carbondale; Matthew Junker, Southern Illinois University; Reza Habib, Southern Illinois University Carbondale*

The present study explores how the strength of a memory influences how susceptible it is to reconsolidation – the updating of a memory through the process of remembering. Previous research has used correlational measures of memory strength whereas the present research adds to the literature by experimentally manipulating memory strength.

### **58 Auditory Presentations and Simplified Context Increases Illusory Recollection**

**Josh Woods**, *Grand View University*

Two experiments manipulated the background details of DRM words presented either visually or auditorily. A modality effect was observed in both experiments. Furthermore, a more simplified blocked background manipulation increased the likelihood subjects would falsely remember details with their false recollections.

### **59 The Fallout of Empathy: Gender Differences in False Recall**

**Josh Woods**, *Grand View University*; **Stephen Dewhurst**, *Hull University*

Extending the findings from Dewhurst, Anderson, and Knott (2012), a single experiment aimed to examine why women are more susceptible to falsely remember critical lures from emotionally-related lists compared to neutral lists. This study reveals a direct connection between increased empathy and increased susceptibility to emotional association memory illusions.

### **60 Executive function and attention deficit/hyperactivity disorder: A meta-analysis**

**Sam Zaborowski**, *Kent State University*; **Dana Miller-Cotto**, *Kent State University*

Executive function, a self-regulatory process that controls thoughts, behaviors, and emotions, is often associated with attention deficit/hyperactivity disorder. Because executive function is multifaceted, it's unclear which aspect is most related to ADHD. In a meta-analysis, we examined which factors best explain the relationship between executive function and ADHD.

### **61 Does Math Confidence Mean Math Ability in School-Aged Girls?**

**Mariah Cantrell**, *Miami University*; **Abiola Lawal**, *Miami University*; **Annahita Modirrousta**, *Miami University*; **Meechie Poston**, *Miami University*; **Madelyn Buckley**, *Miami University*; **Emma Longville**, *Miami University*;

Kaitlyn Rosolanko, *Miami University*; Emma Seifert, *Miami University*; Destiny Thomas, *Miami University*; Jessica Johnson, *Miami University*; Camilla Ellis, *Miami University*; Yvette Harris, *Miami University*

The study explored relationships between math self-efficacy scores, math performance, and error types made in school-aged girls. Findings revealed that girls had high self-efficacy, but that did not predict math performance. Sixth-grade girls made more overspecialization errors, which implies pandemic effects. Suggestions for math educators and pandemic pedagogy are discussed.

## **62 How Working Memory and Reading Goal Affect Thematic Inference Construction**

**KRISTIN RITCHEY**, *Ball State University*; Emily Cronk, *Ball State University*; Raven Hill, *Ball State University*; Mariah Murdock, *Ball State University*; Macy Rieman, *Ball State University*; Dylan Sczerbowicz, *Ball State University*; Claire Weseman, *Ball State University*

Prior research shows working memory capacity (WMC) and reading goal affect reading processes. In this study, college students summarized expository paragraphs under two reading goals and completed a reading span task. This study clarifies how WMC and reading goal affect generalization inference construction, or the superordinate theme of a text.

## **63 Text-to-speech and Reading Comprehension**

**Zachery Mondlak**, *Central Michigan University*; Hajime Otani, *Central Michigan University*

For this study, participants will read one passage with text-to-speech and another without it. We expect to find that those with lower word reading levels on the Wide Range Achievement Test (5th edition; Wilkinson & Robertson, 2007) will benefit from using text-to-speech software for detail level questions only.

## **64 (Un)Break my Task: Effects of Breaks on Performance and Affect**

**Kathryn Hamilton**, *University of Wisconsin-Stout*; Alicia Stachowski, *University of Wisconsin - Stout*; Alex Schar, *University of Wisconsin-Stout*; Fox Haring, *University of Wisconsin-Stout*

This study evaluated the effectiveness of break-taking during a paper-based anagram task. Students completed two anagram tasks, separated by a 5-minute break or not, and rated their affective experience. Contrary to results from our previous online anagram task, breaks did not improve accuracy or improve the affective experience.

### **65 Can Successive Relearning Improve Performance in an Undergraduate Statistics Course?**

**Maren Greve**, *Kent State University*; Sabrina Badali, *Kent State University*  
Successive relearning combines retrieval practice and distributed practice, but it has been under-investigated with mathematical learning materials. These classroom-based experiments found that successive relearning boosted overall exam performance on calculation questions, but was more helpful when material was newer to students and became less beneficial later in the semester.

### **66 “Feedback Sandwich”: Combining Constructive and Positive Feedback for College Students**

**Elizabeth Shaf**, *University of Kentucky*; Pooja Sidney, *University of Kentucky*

Instructors are taught that the “feedback sandwich,” positive-constructive-positive, is effective, but the mechanism remains unclear. Undergraduates (N = 160) will be assigned to receive constructive feedback with and without positive feedback. We expect both order and ratio of positive to constructive feedback to matter for feedback uptake, self-esteem, and self-efficacy.

### **67 Do Higher Attention Requirements Impact Success in Implicit Learning Tasks?**

**Cameron Wittschen**, *Kent State University*

We built upon prior research demonstrating implicit learning during concurrent explicit learning tasks. Participants watched a video lecture while completing a serial reaction time task. Results indicate participants were able to learn the reaction sequence while attending to the video, suggesting implicit learning occurs in the context of explicit tasks.

### **68 Communalism’s Role in Home Learning Environment and Children’s Mathematics Development**

**Tamika McElveen**, *Miami University*; Annahita Modirrousta, *Miami University*; Carlie Fox, *Miami University*; John Day, *Miami University*; Sophie Salerno, *Miami University*; Abby Murchland, *Miami University*

This study will examine the role of communal values between the home math environment and children’s mathematics skills. We expect the home math environment to predict children’s math skill development through communalism as a mediator. This research is beneficial to providing children with resources that foster their math skill development.

### **69 The Impact of Massed versus Distributed Retrieval Practice on Self-Efficacy**

**Andrea Frankenstein**, *University of Illinois at Chicago*; Allison Sklenar, *University of Illinois at Chicago*; Pauline Urban Levy, *University of Illinois at Chicago*; Eric Leshikar, *University of Illinois Chicago*

We examined how retrieval practice schedule affected self-efficacy and memory. Self-efficacy should change over time and the amount of change should differ by RP schedule. Self-efficacy should be positively related to memory performance, and additional work is needed to further explore the relationship between spacing effects, self-efficacy, and memory.

### **70 Iconicity in the most checked out picture books from two counties**

**Meghan McCann**, *Valparaiso University*; Kaylee Shank, *Valparaiso University*; Abbie Thompson, *Valparaiso University*

Parents are constantly encouraged to read to their children, but little is known about the content in children's books geared towards the earliest ages, children aged 5 and below. In the current study, we investigate the amount of iconicity in the most checked out books from two Indiana counties.

### **71 Determining the best digital method for teaching first-graders reading vocabulary**

**Hannah Travis-Judd**, *Southern Illinois University in Carbondale*; Michelle Y. Kibby, *Southern Illinois University at Carbondale*

This project focuses on the influence of orthographic and phonological processing on learning reading vocabulary compared to their combination. As pilot data did not yield significant differences between conditions, additional data will be collected and students will be tested earlier in the school year to challenge them more.

### **72 Using Time Wisely: Helping Students Select Effective Study Strategies**

**Kaya Easley**, *Northern Illinois University*; M. Anne Britt, *Northern Illinois University*; Amanda Durik, *Northern Illinois University*; Caitlin Callahan, *Northern Illinois University*; James Wulf, *Northern Illinois University*; Nathan Lusk, *Northern Illinois University*

Reasons for why students select effective study strategies were examined through experience to a new study strategy. Students who valued the new strategy were more likely to select it for a subsequent learning opportunity.

### **73 Do Judgments of Learning Improve Learning of Key-term**

## **Definitions?**

**Rylee Roberts**, *Creighton University*; Amber Witherby, *Creighton University*; Sarah Tauber, *Texas Christian University*

Making judgments of learning (JOLs) while studying can improve memory for simple materials. In two experiments, we evaluated whether JOLs improve learning of key-terms and definitions. Memory was not influenced by making JOLs. These results suggest that making JOLs may not be an effective learning strategy for complex educational material.

## **74 The Reactive Effect of Metacognitive and Non-Metacognitive Judgements on Memory**

**Ariana Elsdén**, *Creighton University*; Amber Witherby, *Creighton University*; Sarah Tauber, *Texas Christian University*; Michelle Rivers, *Kent State University*

Making judgments of learning (JOLs) while studying can benefit memory. We investigated why this occurs. In four experiments, we replicated the positive effect of JOLs on memory and found that judgments were more likely to impact memory when students considered item relatedness when making their judgment.

## **75 Mind-Wandering and Metacognitive Awareness in College Students**

**Amanda Lipko Speed**, *SUNY Brockport*; Madeline Fitzgerald, *SUNY Brockport*; Gavin Davis, *SUNY Brockport*; Melissa Mujicic, *SUNY Brockport*; David Wielgosz, *SUNY Brockport*

The relationship between college students' metacognitive awareness, mind-wandering behaviors, perceived stress, perceptions of academic success, and learning strategies was examined. Mind-wandering was negatively correlated with metacognitive awareness and positively correlated with perceived stress. Metacognitive awareness was positively correlated with learning strategies and perceptions of academic success.

## **76 How does Prior Knowledge Relate to Students' Study Choices?**

**Carina Cook**, *Creighton University*; Amber Witherby, *Creighton University*; Shana Carpenter, *Oregon State University*

Prior knowledge is related to various components of self-regulated learning. We evaluated the relationship between prior knowledge and students' study decisions. Students often choose to study items from their low knowledge domain, which suggests that they make effective study choices when learning information for which they have varied prior knowledge.



### **77 A Meta-Analysis of the Wakeful Rest Effect**

**Daniela Parra**, *University of Notre Dame*; Gabriel Radvansky, *University of Notre Dame*; Zhiyong Zhang, *University of Notre Dame*

Studies show that post-learning rest promotes memory. Despite the presumed robustness of this phenomenon, results are inconsistent. By pooling data from numerous studies, this meta-analysis identified a more precise estimate of the wakeful rest effect. Our results suggest that while amnesic patients benefit from wakeful rest, healthy adults may not.

### **78 Controlling Unwanted Thoughts: A Replication of the Think/No-Think Paradigm**

**Stephanie Hartling**, *Saint Louis University*; Jessi Abraham, *Saint Louis University*; Claudia David, *Saint Louis University*; Erin Murray, *Saint Louis University*; Jannah Qazi, *Saint Louis University*; Jill Waring, *Saint Louis University*

Prior results using the Think/No-Think (TNT) paradigm suggest that individuals are capable of forgetting unwanted thoughts. To investigate the robustness of the TNT paradigm, this replication study will investigate young adults' capacity to actively forget studied word pairs using thought suppression or thought avoidance

### **79 Exploring Effects of Episodic Familiarity in Directed Forgetting**

**Yi-Pei Lo**, *University of Illinois at Urbana-Champaign*; Huiyu Ding, *University of Illinois at Urbana-Champaign*; Jonathon Whitlock, *University of Illinois at Urbana-Champaign*; Lili Sahakyan, *University of Illinois*

This study examines how episodic familiarity and types of stimuli influence the magnitude of DF. Results indicate that meaningful and verbal materials are more prone to DF, while visual and meaningless items are less affected. Additionally, prior exposure to stimuli reduces the DF effect

### **80 The Effect of Counterfactual Thinking on Value Spread**

**Adeline Wang**, *the University of Chicago*; Akram Bakkour, *the University of Chicago*

Do value assumptions that are acquired through counterfactual thinking spread to similar-but-novel options? This study uses naturalistic objects from different semantic categories to investigate the spread of value learned through counterfactual thinking to novel items within the same categories.

### **81 The Framing Effect, Reframed**

**Spencer Campbell**, *Lewis University*; Cristian Davila, *Lewis University*

Does the framing effect of over 40 years ago hold up today? Students completed the classic framing effect task, comparing data of students before and after the pandemic to see how perceptions of risk have changed with time and experience.

### **82 Thematic Divergence: Integrating topic modeling and large language models to capture creativity**

**Dan R. Johnson**, *Washington & Lee University*

Thematic Divergence (ThemeDiv) integrates topic modeling with cutting-edge large language models and demonstrates validity in predicting human-rated creativity for the alternate uses task. It offers participant-specific feedback on how thematically related their ideas are to less creative ideas, thereby providing direction on how to enhance creativity.

### **83 Intuitive Conceptions of Frictional Force and Relative Motion**

**Zixin Zeng**, *Northwestern University*

To study why physics novices often have the misconception “the direction of frictional force opposes the direction of actual motion”, this study presents two experiments focusing on the relation between novices’ conception of frictional force and relative motion.

### **84 Nomograms as a Decision-Making Aid**

Mario Baldassari, *University of Saint Francis*; Sage Hammond, *University of Saint Francis*; Anna Munson, *University of Saint Francis*; Chloe Carmean, *University of Saint Francis*; **Amber Morgan**, *University of Saint Francis*  
Mulligan and Carniello (2023) proposed that nomograms could aid epilepsy patients deciding whether to have resection surgery, but the utility of nomograms as decision aids has not been tested in any field. We report a test of nomograms as aids for college students making major, college-related decisions.

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**MPA Social Hour**

**Thursday 5:00PM - 7:00PM**

**Empire Ballroom**

Please join colleagues, students, and new friends at the MPA Social Hour. All are welcome! The Empire Room is adjacent to the main lobby of the Palmer House.

NOTE: The Empire Room is accessible via the stairs from the lobby. There is a lift available for anyone wishing support up the stairs. Anyone wishing to use the lift should call hotel security at (312) 726-7500 (extension, 5565) and request an officer to assist with the lift. Alternatively, anyone wishing support can find one of the MPA Executive Officers (or email them at [MidwesternPsych@googlegroups.com](mailto:MidwesternPsych@googlegroups.com) to make such arrangements). Additionally, a volunteer should be at the bottom of the stairs and know how to contact security.



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## **NOTES**

**FRIDAY, APRIL 19, 2024**

Registration in Exhibit Hall 7:30AM – 3:30PM

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**Professional Development Session**

Friday, April 19 | 8:30 AM-9:20 AM

Salon 10

**8:30 AM Challenging Our Diagnostic Framework: A Critical Review of the DSM-5-TR**

**Judy Kupchan**, *The Chicago School of Professional Psychology, Chicago Campus*; **Robert Foltz**, *The Chicago School of Professional Psychology*

This session will offer a critical review of the DSM-5-TR, highlighting its limitations and exploring implications for diagnosis and treatment. Attendees will leave the session equipped to think critically about their engagement with the DSM-5-TR and how it may affect their diagnostic accuracy, conceptualization of pathology, and selection of appropriate and effective treatments.

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**Emotion Regulation Outcomes: Insights into LGBTQ+ Risk and Protective Factors**

Friday, April 19 | 8:30 AM - 10:20 AM

Salon 12

Organizer: **KELLYANN M. NAVARRE**, Cleveland State University and **BRIAN BROOKS**, Cleveland State University

Discussant: **CRAIG RODRIGUEZ-SEIJAS**, University of Michigan

LGBTQ+ individuals face minority stressors and mental health disparities, such as increased risks of depression and self-harm, compared to their heterosexual and cisgender counterparts. Research suggests that these disparities are connected to difficulties with emotion regulation, a multifaceted dynamic process involving cognitive, social, and behavioral

elements. Although the mitigating role of social support is well-documented, LGBTQ+ individuals often encounter barriers in accessing this resource. Accordingly, this symposium features four presentations that collectively enhance our understanding of the dynamics between facets of emotion regulation, social networks, and their influence on the mental health of LGBTQ+ individuals. Our first speaker presents findings on cognitive, social, and behavioral maladaptive emotion regulation responses as predictors of self-harm across sexual orientations. Our second speaker presents findings on variability and effectiveness of emotion regulation propensities between transgender and cisgender individuals in daily life. Our third speaker presents findings on the differential benefits of social support for gender minorities and cisgender individuals on expressive suppression. Our last speaker presents findings on distinct latent profiles of social support among heterosexual and bisexual individuals, which differentially protect against depression severity. The discussant concludes the symposium by synthesizing key insights and implications of the four presentations.

**Maladaptive Emotion Regulation: Key Predictor of Self-harm Across Sexual Orientations**

SWANAYA GURJAR, Cleveland State University, ILYA  
YAROSLAVSKY, Cleveland State University

**Distinguishing Emotion Regulation Response Variability Between Trans and Cis-gender Individuals**

CHEYENE K. HORNER, DBT Institute of Michigan, ILYA  
YAROSLAVSKY, Cleveland State University

**Social Support: Implications Alongside Gender Minority Status on Expressive Suppression**

BRIAN BROOKS, Cleveland State University, ILYA YAROSLAVSKY,  
Cleveland State University

**Latent Profiles: Social Support and Depression Among Bisexuals and Heterosexuals**

KELLYANN M. NAVARRE, Cleveland State University, ILYA  
YAROSLAVSKY, Cleveland State University

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## Clinical and Developmental Poster Session I

Friday, April 19 | 8:30 AM-9:45 AM

Upper Exhibit Hall

### **1 Exposure to Multiple Forms of Violence and Early Menarche**

**Olivia Chang**, *University of Michigan*

This study examines how forms of threat-related adversity (i.e., child welfare contact, child maltreatment, domestic violence, neighborhood violence) are associated with menarcheal timing. The findings suggest that race and BMI, as well as high levels of exposure to community violence, may be important risk factors for menarcheal off-timing.

### **2 Social Support from Gay-Straight Alliances and Homophobic Bullying Involvement**

**Michelle Wright**, *Indiana State University*

The study's findings unveiled several key insights. Gay and lesbian adolescents had greater levels of perceived social support from Gay-Straight Alliances, homophobic bullying involvement, depression, and anxiety, when compared to bisexual adolescents.

### **3 Predictors of College Student Mental Health Distress and Flourishing**

**Lauren Ferry**, *Xavier University*; **Stacey Raj**, *Xavier University*

The purpose of this study was to examine predictors of mental health distress and flourishing among college students. Valued living, self-compassion, and sleep on weekdays significantly predicted mental health distress and flourishing, with self-compassion representing the largest predictor. Results from this study can inform implementation of prevention and intervention efforts.

### **4 Implicit Association with Death, Depression, and Suicide Risk in Adolescents**

**Anthony Kennedy**, *Western Kentucky University*; **Amy Brausch**, *Western Kentucky University*

Self-report alone in suicide research may not be the most optimum way of obtaining an understanding of adolescent suicide risk. The current study used a cognitive task in conjunction with self-report to examine the relationship



between depression and suicide behaviors in adolescents using death orientation as a moderator.

### **5 Rumors Moderate Reasons for Living and Suicide Ideation in Adolescents**

**Taylor Kalgren**, *Western Kentucky University*; Amy Brausch, *Western Kentucky University*

This study examined if rumors would moderate reasons for living and suicide ideation. Results indicate that adolescents who have had a rumor spread about them may be at heightened risk for suicide ideation. Regardless, peer support acted as a protective factor for suicide ideation which emphasizes peer relationships in adolescence.

### **6 Associations Between Adversity During Childhood and Early Pubertal Timing**

**Leah Gilbertson**, *Central College*; Molly Nikolas, *University of Iowa*

This study focused on multiple psychosocial adversity indicators as wellbeing support. Early adversity, family SES, and neighborhood SES uniquely predicted early pubertal timing, with BMI and low wellbeing partially accounting for these links.

### **7 Caring Adult Presence Mediates Adverse Childhood Experiences and Rejection Sensitivity**

**Kirstyn Watts**, *Cleveland State University*; Michaela Steiner, *Cleveland State University*; Liz Goncy, *Cleveland State University*

This study investigated the mediating role of the presence of a caring (POC) adult in the relationship between adverse childhood experiences (ACEs) and rejection sensitivity (RS). Findings revealed that POC partially mediates the relationship between ACEs and RS. These findings implicate POC adult as a potential protective factor for adverse outcomes.

### **8 Impulsivity and Sports Involvement Predict Future Head Injuries in Adolescents**

**Kaylin Heusdens**, *University of Wisconsin- Milwaukee*; Chase Shankula, *University of Wisconsin-Milwaukee*; Krista Lisdahl, *University of Wisconsin-Milwaukee*

Involvement in contact and semi-contact sports interacted with subjective impulsivity to longitudinally predict future head and neck injuries in youth enrolled in the Adolescent Brain Cognitive Development study, above and beyond the effects of age, sex, and past injuries.

## **9 Adolescents' Cultural Values and Social Status Goals: A Moderation Model**

**Molly Walker**, *DePaul University*; Mingqi Li, *Depaul University*; Yan Li, *Depaul University*

This study examined the relationship between adolescents' cultural values and social status goals, and the role of popularity pressure as a moderator. Popularity pressure strengthened the positive association between collectivism and social preference goals, such that as popularity pressure increased, collectivism was more strongly related to social preference goals.

## **10 Parenting and Emerging Adult Psychological Distress in the Southern U.S.**

**Khirsten Wilson**, *University of Notre Dame*; Cliff McKinney, *Mississippi State University*

The present study tested the replicability of parenting profiles in Spain, with southern U.S. emerging adults ( $N = 1,574$ ) specifically as they related psychological distress symptoms, given similarities in collectivist ideals. Several similarities emerged in the present data, both in parenting profiles and psychological distress symptoms. Implications will be discussed.

## **11 Student-Athlete Well-being: Comparing Domestic and International Student Indicators**

**Wenting Sun**, *University of Missouri-Columbia*; Russell Ravert, *University of Missouri*; Sonja Winter, *University of Missouri-Columbia*

The study compares mental health and adjustment outcomes for college students based on athletic and visa status and finds higher well-being scores among domestic student-athletes compared with international students and domestic non-athletes. Future research is needed to explore how to better support international student-athletes during their transition to US colleges.

## **12 Family Accommodation Mediating Parent Emotional Availability and Adolescent Functioning**

**Lauren Kramer**, *University of Toledo*; Avleen Walia, *The University of Toledo*; Bailey Crittenden, *University of Toledo*; Mackenzie Trevethan, *The University of Toledo*; Sarah Francis, *University of Toledo*

This study examines family accommodation (FA) as a mediator of the relationship between parental emotional availability (EA) and adolescent anxiety and depression. Both perceived maternal and paternal EA had

significant direct effects on adolescent anxiety and depression, and only perceived maternal EA had significant indirect effects, through FA.

### **13 Lifestyle and Demographics in Relation to Criminogenic Thinking Among Freshmen**

**Taylor Blackburn**, *Avila University*; Chloe Weishaar, *Avila University*; Jon Mandracchia, *Avila University*

First year college students engage in high levels of risky behavior. This study examines the link between demographic/lifestyle factors and criminogenic thinking among 118 students in their first semester of college. Implications for preventive programming to decrease problematic behavior and attrition are discussed.

### **14 Learning, Exploration, and Moral Development in Adolescent Camp Counselors**

**Jillian Anderson**, *University of Minnesota - Duluth*; Madeline Harms, *University of Minnesota Duluth*; Shaelyn Predmore, *University of Minnesota - Duluth*; Sophia Hyland, *University of Minnesota - Duluth*

Self-reported empathy, sympathy and morality were assessed before, and following a three-month camp counselor volunteer program for adolescents. Moral integrity scores increased over time, and were significantly correlated with higher empathy and sympathy scores. Participating in learning activities like this program may be a key factor in adolescent moral development.

### **15 The Effects of Peer Relationships on Sleep Quality During Adolescence**

**Jason Le**, *University of Nebraska at Omaha*; Jonathan Santo, *University of Nebraska Omaha*; William Bukowski, *Concordia University, Montreal Quebec Canada*

We assessed the relationship between peer relationships and sleep quality among 180 adolescents. Participants self-reported their quality of sleep for the past week and who their friends were and degree of closeness. A significant association was displayed in sleep quality between participants if they classified their peer as a friend.

### **16 Pain Dismissal, Anxiety, and Depression in Emerging Adults with Chronic Pain**

**Elizabeth Fenelon**, *DePaul University*; Paulina Paredes Cienega, *DePaul University*; Keely Bieniak, *DePaul University*; Susan Tran, *DePaul University*

Chronic pain in college students, coupled with disbelief of their pain from others, is associated with higher symptoms of anxiety and depression.

### **17 Reliability and Validity of the DDEBS-12 in Men**

**Aubri Farniok**, *St. Catherine University*; Riley McGrath, *St. Catherine University*; Arturo Sesma, Jr., *St. Catherine University*; Lindsay Howard, *Augustana University*; Sage Hawn, *Old Dominion University*; Kristin Heron, *Old Dominion University*

The DDEBS-12 (Deliberate Denial of Disordered Eating Behaviors Scale) was developed to identify behaviors associated with the denial of disordered eating, related to but distinct from disordered eating behaviors. This study's purpose is to examine the reliability and validity of the DDEBS across a sample of college men.

### **18 Examining the Reliability and Validity of the DDEBS-12 Across Subgroups of Women**

**Riley McGrath**, *St. Catherine University*; Aubri Farniok, *St. Catherine University*; Arturo Sesma, Jr., *St. Catherine University*; Lindsay Howard, *Augustana University*; Sage Hawn, *Old Dominion University*; Kristin Heron, *Old Dominion University*

The DDEBS-12 (Deliberate Denial of Disordered Eating Behaviors Scale) was developed to identify behaviors associated with the denial of disordered eating, related to but distinct from disordered eating behaviors. The purpose of this study is to examine the reliability and validity of the DDEBS across subgroups of college women.

### **19 Extracurricular Activities and Sense of Belonging**

**Entropy Cramer**, *Murray State University*; Esther Malm, *Murray State University*

Extracurricular Activities and College Adjustment study looked at the relationship between sense of belonging, extracurricular involvement during undergraduate students' first semester attending a university, and students' perceptions of school climate. Participants were asked to fill out a self-report survey to measure these variables.

### **20 Examining Reported Mental Health Rates in Collegiate Student Athletes**

**Rhianna Hensler**, *University of Notre Dame*

This study aims to analyze the reported rates of depression and anxiety among general college students and student athletes, and examine gender

differences among athletes. It is expected that athletes will report higher rates of depression and anxiety, and female athletes will report higher rates than male athletes.

### **21 Longitudinal Relationships Between Neighborhood Deprivation, Adolescent Health, and Resiliency**

**Hailley Moore**, *University of Wisconsin - Milwaukee*

This study examines the relationship between neighborhood deprivation and blood pressure in early adolescence, while considering the influence of community protective factors. Data from the Adolescent Brain Cognitive Development Study will be analyzed. Results will be utilized to address health disparities, inform interventions and policies for optimal development in adolescence.

### **22 Endocannabinoids, hippocampal volume, and memory in ABCD Study adolescents.**

**Caitlin Nelson**, *University of Wisconsin-Milwaukee*; Kyle Baacke, *University of Wisconsin-Milwaukee*; Krista Lisdahl, *University of Wisconsin-Milwaukee*  
Hippocampal volume and two tests of memory performance were separately regressed on levels of 5 circling endocannabinoids (eCBs) and related control variables to evaluate possible relationships between eCB functioning and memory. No significant associations between eCBs and any outcomes of interest were supported.

### **23 Age Differences in Risk and Protective Factors of PTSD**

**Amanda Ahn**, *Cleveland State University*; Olivia Pethtel, *Cleveland State University*; Katelynn Frederick, *Cleveland State University*

This study examines the differences in risk/protective factors of Post Traumatic Stress Disorder (PTSD) between older adults and younger adults. Risk factors include Adverse Childhood Experiences (ACEs) and alcohol consumption. Protective factors include the three components of Sense of Coherence (SoC): meaningfulness, comprehensibility, and manageability.

### **25 Determinants of Aging Well in Latinx Older Adults**

**Ajla Basic**, *Mather Institute*; Mushira Khan, *Lewis University and Mather Institute*

This study seeks to better understand how aging is experienced among ethnic minority older adults. Cross-sectional survey data collected from 141 Latinx adults points to a continued need to address social determinants of health like

religious faith when implementing targeted health promotion programs to support aging.

### **25 Can Goal Strategies Become Protective Factors For Older Adults?**

**Yejin Rho**, *Governors State University*

This study examined how optimization and compensation moderate the relations between BAS & BIS and older adults life satisfaction to help successful aging. The results showed older adults can have higher life satisfaction although they have a disposition toward high BIS or low BAS by using appropriate goal strategy.

### **26 Initial Development of the Attitudes Toward Healthcare Providers Scale**

**Elizabeth Foster**, *Western Illinois University*; Robert C Intrieri, *Western Illinois University*

Healthcare-provider discrimination negatively impacts older adults, especially those with identities already vulnerable to such bias. An evaluation of the ATHCP on a sample of older adults ( $n=223$ ) highlighted two latent factors underlying age-related discrimination, with gender disparities suggesting the intersectionality of age and gender-based identities.

### **27 Predictors of Positive Aging in Chinese American Older Adults**

**Laurel Mertz**, *Mather Institute*; Mushira Khan, *Lewis University and Mather Institute*

Little is known about how positive aging is experienced in diverse communities. Utilizing cross-sectional survey data, this research identified autonomy, affiliation, and achievement as significant predictors of positive aging in Chinese American older adults. The findings from this study may inform strategies to promote aging well in this population.

### **28 Aging as a Firefighter: Injuries, Concerns, and Training-Related Workplace Stressors**

**Katie Lawson**, *Ball State University*; Tara Goering, *Ball State University*; Rasheedah Adisa, *Ball State University*; Joseph Wilson, *Ball State University*

This study delves into the unique workplace challenges faced by firefighters ( $N = 119$ ) as they age. Compared to young adults, middle-aged firefighters reported more work-related injuries that prohibited them from performing their regular duties and more aging-related concerns (e.g., having to retire early due to injury, training methods).

## **29 Habits and Concerns Related to Artificial Intelligence Among Older Adults**

**Nicole Lehpmamer**, *Mather Institute*

The growing presence of AI prompts concerns about its utilization, particularly among older adults who may be unfamiliar with it. Surveys were conducted to explore their AI habits and apprehensions. The results suggest that self-reliance, convenience, safety, and fears of job displacement are key factors influencing their AI usage, concerns,

## **30 Applying the Dual-Pathway Model of Bulimia to Midlife Women**

**Emma Sullivan**, *University of Notre Dame*; Dawn Gondoli, *University of Notre Dame*

The present study applied Stice's dual-pathway model to a sample of midlife women. Results indicate factors contributing to the development of disordered eating in middle-aged women have some notable differences compared to younger women. The findings highlight the need for further investigation into body image concerns in middle-aged women.

## **31 Influence of Sociodemographic Factors on Parental Reporting of ADHD Symptoms**

**Tabish Gul**, *University of Missouri–St. Louis*; Hannah White, *University of Missouri–St. Louis*

ADHD, a neurodevelopmental condition, historically seen more in boys, can lead to academic, relational, and health issues. This study investigates if sociodemographic factors, beyond self-regulation measures, influence parental endorsement of DSM-5 ADHD symptoms. Results show gender and age significantly affect parental reporting, highlighting the need for more objective diagnoses.

## **32 Reporting Physical Abuse in the United States**

**Rianna Morrone**, *Pittsburg State University*; Arthur Andrews, *University Nebraska Lincoln*

Purpose: To evaluate predictors of reporting child physical abuse.  
Procedure: Conducted phone interviews with adolescents who reported histories of physical abuse. Results: Reporting abuse did not reduce the likelihood of experiencing greater trauma chronicity or poly-victimization.  
Conclusions and Implications: Child protective services should ensure that reporting translates to prevention of future abuse.

### **33 Systematic Review of Risk Factors for Child Abuse and Neglect**

**Yeyige Chen**, *Northwestern University*; Zhidi Luo, *Northwestern University*; Richard Epstein, *Northwestern University*

This systematic review provides a comprehensive overview of risk factors for child abuse and neglect, identifying 3225 unique studies, with 102 studies meeting the inclusion criteria. These studies include various risk factors associated with child abuse and neglect in the three domains: child, family, and community.

### **34 Designing for Mental Wellness: Exploring Youth Preferences in Mental Health Settings**

**Jessica Rice**, *DePaul University*

In today's youth therapy landscape, there's a lack of focus on environmental preferences. This study explores the ideal 'mental health room' envisioned by 63 youth. Their responses emphasize emotional navigation, kindness, and a bully-free atmosphere. Understanding these preferences is vital for designing spaces that promote therapy engagement.

### **35 How does Optimism affect Anxiety in Children?**

**Victoria Treder**, *University of Michigan - Ann Arbor*; Sandra Graham-Bermann, *University of Michigan - Ann Arbor*; Briana Scott, *University of Michigan - Ann Arbor*

In light of the current mental health crisis among youth, the present study sought to examine the role of optimism in predicting symptoms of anxiety in children. Optimism was found to correlate with anxiety. Implications for supporting optimism in youth are discussed.

### **36 Mum! Dad! Bingo! Gender Roles in Bluey!**

**Erica Weisgram**, *University of Wisconsin Stevens Point*; Heather Molenda-Figueira, *University of Wisconsin-Stevens Point*; Jacqueline Winemiller, *University of Wisconsin-Stevens Point*; Lauren Welander, *University of Wisconsin-Stevens Point*; Jessica Davis, *University of Wisconsin-Stevens Point*

In this study, we examined masculine and feminine gender roles in the children's program, Bluey!. The results indicate that for each of the characters, there was not a significant difference in the number of masculine and feminine characteristics exhibited indicating that the show depicts an egalitarian approach to family dynamics.



### **37 Relationships Between Parent-Child Emotional Interactions and Child Development**

**Carson Gregory**, *University of Iowa*

Our goal is to determine the nature of emotional speech parents produce and relate it to children's emotional processing. We will code emotional language and compare with results from the NEPSY-II affect recognition subtest. Better determining specific aspects of parent-child interactions that predict emotional outcomes may have implications for parental support.

### **38 Measuring Gaps in Children's Home Toy Collections**

Jessica Pleuss, *Morningside University*; **Elaine Morgan**, *Morningside University*

Achievement gaps can be traced to school readiness gaps, which are now understood to be opportunity gaps based on factors such as SES, race, and gender. This study examines whether availability of high quality toys at home may be one such opportunity gap for young children.

### **39 Physical Activity during Applied Behavior Analysis**

**Hayden Wood**, *Michigan State University*; Isabella Felzer-Kim, *Pine Rest Christian Mental Health Services AND Michigan State University*; Neha Vallabhaneni, *Michigan State University*; Hannah Campbell, *Michigan State University*; Janet Hauck, *Michigan State University*

This cross-sectional study characterizes the school day physical activity of preschoolers with Autism Spectrum Disorder by activity type. Participants wore belt accelerometers for one week at an Early Intensive Behavioral Intervention center providing Applied Behavior Analysis. Activity was most intense during recess and least intense during lunch.

### **40 Telehealth and Pediatric Mental Health during the COVID-19 Pandemic**

**Bushra Kawser**, *University of Michigan - Flint*; Taylor Culinski, *University of Michigan-Flint*; Gergana Kodjebacheva, *University of Michigan-Flint*

A systematic literature review was performed on six studies to show the impact of telehealth services on pediatric mental health. Results showed significant improvement in mental health outcomes due to telehealth intervention. The findings suggest the potential benefits of telehealth in pediatric psychological care and the need for further research.

### **41 Examination of Nonverbal IQ and PEAK in Children With Autism**

**Paige Hemming**, *Missouri State University*; Matthew Coyle, *Emergent Learning Clinic*; Mikayla Campbell, *Missouri State University*; Dana Paliliunas, *Missouri State University*; Jordan Belisle, *Missouri State University*; Autumn McKeel, *Emergent Learning Clinic*

Studies have documented floor effects and low intelligence quotient scores for individuals with autism spectrum disorder (e.g., Dixon et al., 2014). Utilizing nonverbal intelligence tests may reduce these recurrent findings. This study examines the relationship between nonverbal intelligence and language and cognitive abilities (measured by PEAK) with children with autism.

#### **42 ADHD and sleep: The mediating role of conflict and stress**

**Jamie Flannery**, *University of Notre Dame*; Natalie Ehret, *University of Notre Dame*; Dawn Gondoli, *University of Notre Dame*

We tested a model, examining if the relation between ADHD symptoms and sleep quality was sequentially mediated via mother-adolescent conflict and stress in a sample of adolescents. Utilizing an SEM approach, results partially supported the hypothesized indirect pathways. Results suggest that interventions targeting mother-adolescent conflict and stress may improve sleep.

#### **43 Childhood Deprivation Associated with Higher Trait Anxiety In Community Adults**

**Carlie Fox**, *Miami University*; Jordan Roth, *Miami University*; Vrinda Kalia, *Miami University*

This study was conducted to examine the influence of early-life socioeconomic deprivation on trait anxiety in community adults (N = 863). Data reveal that higher levels of socioeconomic deprivation in early life was uniquely associated with increased trait anxiety. Early-life socioeconomic deprivation may make individuals vulnerable to anxiety disorders.

#### **44 The Differential Effect of ACEs Timing on Internalizing Symptoms**

**Hannah Duttweiler**, *Kent State University*; Sarah Black, *Kent State University*; Lauren Aaron, *University of New Orleans*

The long-term impacts of adverse childhood experiences (ACEs) have been well-established. However, there has been limited research into the effect of the timing of ACEs on differential experiences of internalizing disorders. The current study found that the timing of certain ACEs was related to later experiences of internalizing symptoms.

#### **45 Role of Parenting and Family Accommodation in Youth Anxiety**

**Megan DuBois**, *Kent State University*; Evan Realbuto, *Kent State University*; Christopher Flessner, *Kent State University*

Parental accommodation is a well-documented risk factor for anxiety disorders in youth. The current study aimed to explore whether positive parenting practices moderate the relationship between accommodation and child anxiety. Our results indicate positive parenting strengthens the relationship between parent-report of child anxiety and parental accommodation.

#### **46 ADHD Cognitive Subgroups Prospectively Predict Clinical Outcomes Over 6 Years**

**Sarah Pieper**, *Purdue University*; Jessica Tipsord, *Oregon Health and Science University*; Elizabeth Nousen, *Oregon Health and Science University*; Joel Nigg, *Oregon Health and Science University*; Sarah Karalunas, *Purdue University*

Cognitive heterogeneity is characteristic of ADHD but how cognitive impairments are distributed among children is unclear. Latent profile analysis in 866 children ( $n_{ADHD}=512$ ) using theoretically-informed cognitive features identified three severity-based groups. Groups did not point to unique cognitive mechanisms but did predict long-term outcomes 3 to 6 years later.

#### **47 Frontal Asymmetry as a Possible Early Marker of Affective Development**

**Madelyn Heise**, *Purdue University*; Hanna Gustafsson, *Oregon Health & Science University*; Elizabeth Wood, *Oregon Health & Science University*; Gideon Miller, *Purdue University*; Tara Rutter, *Oregon Health & Science University*; McKenzie Figuracion, *Purdue University*; Joel Nigg, *Oregon Health and Science University*; Elinor Sullivan, *Oregon Health & Science University*; Sarah Karalunas, *Purdue University*

EEG-measured frontal asymmetry is a correlate of psychological risk at older ages. Here, results show infant negative emotion varies substantially across settings (home/telehealth) but frontal asymmetry is not yet developmentally stable nor predictive of emotion during the first month of life. Additional very early risk markers are needed.

#### **48 Caregiver-Child Brain Synchrony as a Correlate of Child Internalizing/Externalizing Behavior**

**Abigél Miskolczi**, *University of Iowa*; Ying Li, *University of Iowa*; Ece Demir-Lira, *University of Iowa*

We measured caregiver-child brain synchrony (n = 40 dyads) using functional near-infrared spectroscopy (fNIRS) during a cooperation task, focusing on the dorsolateral prefrontal cortex (dlPFC) and temporoparietal junction (TPJ). Correlation analyses revealed specific brain areas in caregivers versus children where neural synchrony predicted child externalizing behavioral problems.

#### **49 Reporting Caregiver Engagement in Early Childhood Intervention Research**

**Kathy Dowell**, *University of Minnesota Duluth*; Leanna Olson, *University of Minnesota Duluth*; Lexi Knadel, *University of Minnesota Duluth*; Trevor Schmidt, *University of Minnesota Duluth*; Cecelia Sanborn, *University of Minnesota Duluth*

Researchers have focused on caregiver engagement in child psychotherapy as it relates to treatment effectiveness. This study's purpose is to assess the frequency in which caregiver engagement, as a critical mechanism of change, is reported in early childhood psychotherapy outcome studies, how it is defined and measured.

#### **50 Environmental Barriers and Community Belonging in Individuals with Developmental Disabilities**

**Nataliya Turchmanovych-Hienkel**, *Illinois Institute of Technology*; Charlotte Jackson, *Illinois Institute of Technology*; Virakti Shah, *Illinois Institute of Technology*; Meena Chockalingam, *Illinois Institute of Technology*; Nicole Ditchman, *Illinois Institute of Technology*

We examined the association of environmental factors/barriers and the sense of community experienced by young adults with developmental disabilities (DD) (N=202). Barriers with accessing necessary services moderately related to the perception of community belonging, indicating the need to improve accessibility of community-based services for better integration, participation, and inclusion.

#### **51 Parental Weight Talk: Impact on Body Image and Disordered Eating**

**Jacob Munter**, *University of Wisconsin, Parkside*; Athena Garay, *University of Wisconsin, Parkside*; Erik Johnson, *University of Wisconsin, Parkside*; Dijana Mitrovic, *University of Wisconsin, Parkside*; Erin Hillard, *University of Wisconsin Parkside*

Mother diet and weight-related talk negatively influences body image and disordered eating in emerging adult women. The goal of the current study is to replicate and expand these findings by exploring the role of mother and father weight-related talk in the development of body image in college-aged men and women.

### **52 Depression, weight stigmatization, disordered eating, and parent-child relationships**

**Maegan Jones**, *St. Cloud State University*; Valerie Douglas, *independent*  
this study will examine the relationships among overweight/obesity, disordered eating symptomology, depression, parent-child relationships, and weight stigmatization in a college sample.

### **53 Mental Health Symptoms in Students Over the Last Twelve Years**

**Sarah Robertson**, *College of Charleston*

The current study assessed the roles of time and gender on scores of depression and anxiety in college students over the last 12 years. Both anxiety and depression increased during this time period. Gender affected anxiety scores, with males scoring lower than females, and females scoring lower than nonbinary participants.

### **54 P-Factor as a Mediator Between Substance Use and Dimensional Psychopathology**

**Glenda Mello**, *University of Maryland - College Park*; Asha Pavuluri, *University of Maryland - College Park*; Devin Butler, *University of Maryland - College Park*; Edward Bernat, *University of Maryland - College Park*  
This study explores the relationship between substance use disorders (SUDs) and Hierarchical Taxonomy of Psychopathology (HiToP) model using data from a nationally-representative survey. Our main finding revealed that SUDs relate to psychopathology latent dimension primarily through the general psychopathology factor.

### **55 Quality of Life in Inpatients on the Social Learning Program**

**Alexa Hutzenbiler**, *Antioch University Seattle*

This study examined quality of life among forensic inpatients with schizophrenia spectrum disorders residing on the Social Learning Program. Combining quantitative WHOQOL-BREF measures and qualitative interviews, results reveal both strengths and areas for improvement, emphasizing the need for tailored interventions to enhance well-being in this vulnerable population within forensic institutions.

### **56 The Effect of COVID-19 on Inmate Mental Health**

**Jordan Jennings**, *Washburn University*; Julie Boydston, *Washburn University*

The study is evaluating mental health of inmates before and after the COVID-19 pandemic. Participants are inmates from a jail in the Midwestern United States. Archival data will be examined from the years 2019-2021. It is predicted that indicators of mental health illness will increase after the COVID pandemic.

### **57 Psychopathy, Borderline Personality Disorder, and Emotional Processing in Incarcerated Women**

**Annalise Halverson**, *University of Chicago*; Jean Decety, *University of Chicago*

Psychopathy comprises a bevy of maladaptive traits. While extensively researched in men, its manifestation in women is underexplored. The present study contributes to filling this gap by examining associations among psychopathy, borderline personality disorder, and alexithymia. Implications exist for how the construct can be further dissected and effectively treated.

### **58 Body Dissatisfaction and Directionality: A Food Insecurity Perspective**

**Frances Lauten**, *The University of Toledo*; Adelyn Sherrard, *University of Toledo*; Michael Vang, *University of Toledo*; Cin Cin Tan, *University of Toledo*

The current study examined food insecurity and body dissatisfaction in adults and whether the directionality of body dissatisfaction in adults relates to food insecurity. Results indicated higher food insecurity was associated with a greater desire to have a bigger body

### **59 Evaluating Stigma Differences for Bulimia Compensatory Behaviors**

**Leah Scrantom**, *Adrian College*

This study evaluated if a difference in compensatory behaviors affects the level of stigma for bulimia. Thirty-three participants read a vignette and answered questions about stigma, problem likelihood, and admiration-envy. There were no significant results for stigma or problem likelihood, however, participants had high admiration-envy of non-bingeing individuals who exercise/diet.

### **60 Perceived social support, perinatal mental health and parenting self-**

## **efficacy**

**Jae eun Park**, *University of Notre Dame*; Maria Gargano, *University of Notre Dame*; Laura Miller-Graff, *University of Notre Dame*

Social support is associated with higher PSE in the perinatal period and has been identified as a protective factor for perinatal and postpartum maternal mental health and child developmental outcomes. The present study examines the moderating effect of social support on the relation between depression and PSE.

## **61 Clinical associations between depression and alcohol dependence among college students.**

**MacKenzie McElhatten**, *Cleveland State University*

The current study aims to examine depression levels as a predictor of alcohol dependency in college students. Results indicate a significant correlation between depressive symptoms and an increased risk for alcohol dependence, highlighting the importance of mental health support and intervention strategies for young adults.

## **62 Moderating ADHD and Substance Use with Treatment and Social Support**

**Breanna Meadows**, *Cleveland State University*; Liz Goncy, *Cleveland State University*

This project seeks to elucidate the moderating effects of support on the association between ADHD and problematic substance use. We anticipate higher levels of ADHD will be associated with higher levels of substance use and that individuals with support, treatment or social, will display lower levels of problematic substance use.

## **63 An Examination of Epidemiological Variables in Post-Traumatic Stress Disorder**

**Emily Lesco**, *Cleveland State University*; Jin Cho, *Cleveland State University*; MacKenzie McElhatten, *Cleveland State University*; Amir Poreh, *Cleveland State University*

The current study examines epidemiological variation among those diagnosed with PTSD with the intent of determining patterns or potential risk factors in the development of the disorder. Results indicate gender, ethnicity, and potential comorbidities may serve as risk factors in the development of PTSD.

## **64 An epidemiological case for adult attention-deficit/hyperactivity**

## **disorder (ADHD).**

**MacKenzie McElhatten**, *Cleveland State University*; Emily Lesco, *Cleveland State University*; Jin Cho, *Cleveland State University*; Amir Poreh, *Cleveland State University*

The current study examines epidemiological differences among adults diagnosed with Attention-deficit hyperactivity disorder (ADHD). The results are evidentiary of a significant epidemiological trend among credible ADHD cases, specifically when examining diagnostic histories. This study increases the overwhelming need for stable assessment and treatment techniques across the field.

## **65 Prevalence of specific comorbidities in adult attention-deficit hyperactivity disorder (ADHD)**

**MacKenzie McElhatten**, *Cleveland State University*; Jin Cho, *Cleveland State University*; Emily Lesco, *Cleveland State University*; Amir Poreh, *Cleveland State University*

The current study examines attention-deficit hyperactivity disorder (ADHD) comorbidities and associated psychiatric medication diagnoses. The results indicate high comorbidity levels of anxiety and depression among credible ADHD cases, reinforcing prior evidence. However, it is crucial to examine their associated psychiatric medications, as they may significantly affect ADHD symptoms.

## **66 Investigating Links between Quality of Well-Being Intervention Implementations and Outcomes**

**Abigail Arntz**, *The Ohio State University*; Whitney Whitted, *The Ohio State University*; Daniel Brunette, *The Ohio State University*; Jennifer S. Cheavens, *Ohio State University, Columbus*; David Cregg, *The Ohio State University*

We explored the efficacy of acts of kindness, social activities, and cognitive reappraisal as well-being interventions. Specifically, we investigated whether participants completed acts of kindness at a higher quality and frequency than cognitive reappraisal or social activities, thus making them a more effective intervention for reducing symptoms of psychopathology.

## **67 Treating Fear of Dogs with Augmented Reality of Exposure Therapy**

**Zachery Hurd**, *University of Michigan-Dearborn*

Exposure therapy is an effective treatment for cynophobia, or fear of dogs. Augmented reality (AR) is a new technology allowing the positioning of virtual objects in a patient's real environment. We developed an advanced



wireless AR technology for treatment of phobias and examine effectiveness in two participants with cynophobia.

### **68 Self-Objectification and Disordered Eating: The Role Fathers**

**Aleena Mangold**, *Illinois State University*; **Suejung Han**, *Illinois State University*

This study examines the mediating role of self-objectification in the relationship between father's appearance-related messages and their daughters' disordered eating. Fathers may be a crucial messenger of social messages that objectify women's body. Female-identifying college students will be recruited. Importance of addressing fathers' role in disordered eating may be suggested.

### **69 Relationship between Musical Genre Preference and Depression and Bipolar Disorder**

**Trisha Prunty**, *Blackburn College*; **Andrew Morris**, *Blackburn College*  
Researchers investigated the degree to which music preferences (i.e., mellow, sophisticated, unpretentious, intense, and contemporary) are related to underlying mental illness, specifically bipolar disorder and depression. Results suggest that intense listeners may experience more problematic depression.

### **70 Determining the Measurement Invariance of the Autism Spectrum Trait Scale**

**Salayna Abdallah**, *Cleveland State University*; **Amir Poreh**, *Cleveland State University*; **MacKenzie McElhatten**, *Cleveland State University*

To address the shortcomings of existing self-report scales for diagnosing autism in adults, the Autism Spectrum Trait Scale (ASTS) was developed through extensive exploratory and confirmatory factor analyses. Without establishing measurement invariance, comparison between groups could be invalid. Therefore, the authors examined and confirmed metric measurement invariance within the ASTS.

### **71 Professional Stigma towards Borderline Personality Disorder**

**Trisha Prunty**, *Blackburn College*; **Vanessa Cunningham**, *Blackburn College*

Mental health professionals (MHPs) completed an assessment about a person displaying symptoms of borderline personality disorder (BPD). Results indicate that, despite being less likely to disclose their own diagnosis of BPD if it existed, MHPs were willing to offer treatment to those with the diagnosis.

## **72 Comparing Cognitive Coping Components: Investigation of Treatment Outcomes and Processes**

**Andy Wall**, *Southern Illinois University - Carbondale*; **Eric Lee**, *Southern Illinois University - Carbondale*

Individuals with moderate to severe levels of depression symptoms took part in a week-long, online intervention to cope with an unwanted/unpleasant thought. Participants practiced either cognitive restructuring or defusion & willingness using daily thought logs. Within-and-between subjects analyses revealed that both interventions provided benefit to participants through shared processes.

## **73 Relationship between Social Media, Social Comparison, and Psychological Health**

**Trisha Prunty**, *Blackburn College*; **Brianna Bruemmer**, *Blackburn College*

The current study investigated the interplay between gender identity; levels of anxiety, depression, physiological distress, social comparison, and body satisfaction; and use of social media. Results suggest a relationship between these factors that negatively impacts women and those of transgender or non-binary gender identity.

## **74 The Relationship between Empathy, Social Masking and Autistic Traits**

**Janett Naylor-Tincknell**, *Fort Hays State University*; **Victoria Carter**, *Fort Hays State University*

Empathy and social masking are related to autism spectrum disorder (ASD). The current study examined how empathy and social masking are related to ASD in subclinical adults. Empathy and social masking will predict levels of autistic traits in a subclinical sample. Preliminary data analysis supports expected associations.

## **75 Links between Depression, Anxiety, and Autistic Traits Sub-Clinical Populations**

**Janett Naylor-Tincknell**, *Fort Hays State University*; **Victoria Carter**, *Fort Hays State University*

Autism Spectrum Disorder (ASD) is often associated with depression and anxiety, especially in high-functioning individuals. Knowing more about the link between depression, anxiety, and subclinical autistic traits, clinicians can better serve clients. Levels of depression and anxiety may predict levels of autistic traits. Preliminary data analysis supports these associations.

## **76 Replication of hallucination severity neural correlates in a psychosis subtype**

**Isaac Toscano**, *University of Chicago*

A prior study reported auditory cortex connectivity alterations associated with hallucination severity in psychosis. We replicated only one of those findings: psychosis cases grouped by biological similarity show reduced connectivity as hallucinations worsen. This reinforces a neural correlate of hallucinations as well as the utility of biologically-based subgrouping psychosis cases.

## **77 Sensitivity and Specificity of the Autism Spectrum Trait Scale**

**Salayna Abdallah**, *Cleveland State University*; Amir Poreh, *Cleveland State University*; Jin Cho, *Cleveland State University*

This study examined the sensitivity and specificity of a new scale developed to address limitations in current scales for detecting adult autism, the Autism Spectrum Trait Scale (ASTS). The analysis yielded an AUC of .92 for total scores and AUCs ranging from .72 to .88 for individual factors.

## **78 Exploring Hypothetical Diagnostic Thresholds for the Autism Spectrum Trait Scale**

**Salayna Abdallah**, *Cleveland State University*; Amir Poreh, *Cleveland State University*; Emily Lesco, *Cleveland State University*

In this study, we aimed to establish hypothetical diagnostic thresholds for the Autism Spectrum Trait Scale (ASTS), a tool designed to identify autism spectrum traits in adults. We determined an overall threshold of 84.50 for the ASTS total score. Additionally, we calculated thresholds for each of the six individual factors.

## **79 Moderating the Relationship Between Parental Stress and Child Behavior**

**Mikayla Pollard**, *The Chicago School*; Raquel Rosenberg, *Roosevelt University*; Sarah Van Valkenburg, *Rush University Medical Center*; John Adams, *Criterion Insights, LLC*; Nicole Russo-Ponsaran, *Rush University Medical Center*

This study investigated the interplay between parental stress, parent-child relationship quality, and child behavior outcomes. Findings revealed that relational frustration and attachment significantly moderate the connection between parental stress and child behavior issues, while communication does not. These findings inform interventions and policies to enhance parent-child relationships.

### **80 Validating a Performance Based Method of Testing Utilitarian Emotion Regulation**

**Isabella Beam**, *The University of Akron*; Jennifer Stanley, *University of Akron*; Eric Allard, *Cleveland State University*

Young and older adults rated which emotions they would want to feel to achieve a goal in various video games (i.e., utilitarian emotion regulation). Findings correlated with a pre-established survey, validating our performance-based measure of utilitarian emotion regulation.

### **81 Personality Assessment Inventory (PAI) profiles of abusive and neglectful caregivers**

**Carly Justice**, *Columbus State Community College*; Douglas Waltman, *Cuyahoga County Court of Common Pleas, Juvenile Division*

No differences between alleged abusive and neglectful child caregivers were found on the Personality Assessment Inventory (PAI), and mean profiles were normative. An unexpectedly high number, 40%, of invalid profiles had been discarded from analysis. These findings raise questions about the utility of the PAI for child protective services clientele.

### **82 Social support and stress in virtual reality.**

**Garrett Byron**, *North Dakota State University*; Clayton Hilmert, *North Dakota State University*

This study examined the impact of social support on stress responses to the Trier social stress test in pre-recorded 360-degree virtually reality. Our results suggest that social support from a VR audience reduces psychological perceptions of stress and negative affect while eliciting a pattern of increased blood pressure.

### **83 Exposure to Violence: A Predictor of Psychopathic Traits and Aggression**

**Deemah Alturkait**, *Ball State University*; Alexandria Johnson, *Ball State University*; Thomas Holtgraves, *Ball State University*

This study examined how violence exposure differs by race, sex, and income. It also investigated how protective factors buffer the effects of violence exposure. Violence exposure predicted the outcome variables, but protective factors did not moderate this relationship. Black individuals and people of lower income had the highest violence exposure.

### **84 So you think you're funny?**

**Olivia Stowe**, *University of St. Thomas*; Meriah Kirschstein, *University of St. Thomas*

Researchers studied the correlation between humor styles and the Big-5 Personality Traits. Thirty-eight participants filled out the HSQ and the NEO Five Factor Inventory. Results indicated positive and negative correlations between different humor styles and personality traits. This information can help form adaptations for humor for use in clinical assessment/intervention.

### **85 Assessing Candidate Mediators for Treatment Choice on Placebo Effects**

**Emily Spotts**, *The University of Toledo*; Legend Coleman, *University of Toledo*; Sydney Mockensturm, *The University of Toledo*; Andrew L. Geers, *University of Toledo*

Research has indicated that granting patients the ability to select their healthcare treatments may increase the effectiveness of placebo effects, resulting in beneficial health outcomes. This study built upon this research by examining the mechanisms underlying treatment choice and provides insight on enhancing these positive health outcomes.

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## **Gender & Identity I**

Friday, April 19 | 8:30 AM-10:20 AM

Salon 3

Moderator: Kristy Dean (Grand Valley State University)

### **8:30 AM Not like everybody else, but we're the same: Queer meta-science**

**Eleanor Junkins**, *University of Illinois Urbana-Champaign*; Brian Ogolsky, *University of Illinois Urbana-Champaign*; Jaime Derringer, *University of Illinois at Urbana-Champaign*

The current meta-science research generalizes personality, social relationships, and mental health research across sexual and gender diverse identities. The findings were consistent with our expanded *Similarities Hypothesis* (Hyde, 2005), that similarities between groups are larger than differences for normative psychological associations. In short, queer identities are psychologically normal and healthy.

### **8:45 AM Profiles of Gender Development Among Assigned Female At Birth Youth**

**Madeline Stenersen**, *Saint Louis University*; Emily Wiegers, *Saint Louis University*; Payton Adams, *Saint Louis University*; Erald Murati, *Saint Louis University*; Mercedes Carter, *Saint Louis University*; Jake Franzen, *Saint Louis University*; Sainithya Attota, *Saint Louis University*; Katherine Luking, *Saint Louis University*

The current study used large, longitudinal data and latent profile analysis to examine patterns of gender development among youth assigned female at birth over time. Results revealed 6 distinct patterns of gender development in youth. Results both further knowledge in gender development and serve as a foundation for tailored services.

### **9:00 AM Themes related to Access and Improvement of LGBTQ+ Affirmative Healthcare**

**Kathy-Diane Reich**, *Cleveland State University*; Nishka Gupta, *Cleveland State University*; Breanna Meadows, *Cleveland State University*; Liz Goncy, *Cleveland State University*

Using open ended questions, LGBTQ+ adults shared they have difficulty navigating healthcare because of discrimination, disrespect, limited inclusive/affirming terminology, biases, inadequate care, and lack of education on LGBTQ+ issues. They shared ways to improve healthcare including gender inclusive vocabulary, education on LGBTQ issues, better access to resources, and respect.

### **9:15 AM LGBTQ+ Affirmative Healthcare, Stress & Depression**

**Kathy-Diane Reich**, *Cleveland State University*; Liz Goncy, *Cleveland State University*

LGBTQ+ individuals experience discrimination, prejudice, and social exclusion, which can lead to higher levels of stress and result in mental health issues, especially in healthcare situations. This study illustrates that depression and difficulties with access to healthcare and depression and minority stress were significantly related.

### **9:30 AM Sexual Self-Labels and Eating Pathology in Sexual Minority Men**

**Wesley Barnhart**, *Bowling Green State University*; Jiayi Han, *The Chinese University of Hong Kong, Zhenzhen*; Yuchen Zhang, *The Chinese University of Hong Kong, Zhenzhen*; Wenjing Luo, *The Chinese University of Hong Kong, Zhenzhen*

*Kong, Zhenzhen; Yijing Li, The Chinese University of Hong Kong, Shenzhen; Jinbo He, The Chinese University of Hong Kong, Zhenzhen*

Sexual self-labels are associated with heteronormative gender norms of femininity and masculinity and describe high-risk subgroups for eating and body image disturbances and psychosocial well-being in sexual minority men. Specifically, bottoms reported higher thinness-oriented outcomes and worse psychosocial well-being and tops reported higher muscularity-oriented outcomes.

### **9:45 AM Social Media and Sex Information Acquisition Across Sexual Identities**

*Nishka Gupta, Cleveland State University; Liz Goncy, Cleveland State University; Kimberly Fuller, Cleveland State University; Shereen Naser, Cleveland State University; Katherine Clonan-Roy, Cleveland State University*

This present study outlines how the number of social media (SM) accounts and sexual orientation relates to acquiring sex-related information online and through porn. Both sexual minority and heterosexual youth are more likely to gain sex information with fewer social media accounts.

### **10:00 AM Pass or Fail: The Effect of Gender Nonconformity on Hiring Discrimination for Trans Individuals**

*Emil Bansemer, University of Colorado Boulder; Joshua Correll, University of Colorado Boulder*

The present studies examined how different levels of gender nonconformity impacted the bias trans individuals faced in a hiring context. Results indicated that job candidates with gender conforming faces for trans women and gender non-conforming faces for trans men were preferred.

## **Ideologies & Intergroup Processes**

Friday, April 19 | 8:30 AM-10:20 AM

Salon 6/7

Moderator: Doug Krull (Northern Kentucky University)

### **8:30 AM Religion: Does it Help or Harm Intergroup Relations?**

**INVITED SPEAKER: Michael Pasek, University of Illinois at Chicago**

In his 1954 book *The Nature of Prejudice*, Gordon Allport commented on the paradoxical role of religion in intergroup relations. Seventy-years after his seminal work, I will present key insights from cross-cultural research my colleagues and I have conducted exploring the ways in which religion (as a

group membership) can fuel intergroup tension while at the same time religion (as a belief system) can promote intergroup cooperation.

### **9:00 AM The Effect of Happiness on Moral Judgments of Prejudiced People**

**Hope Rose**, *University of Missouri*; Christopher Sanders, *University of Missouri, Columbia*; Chloe Willett, *University of Missouri - Columbia*; Laura King, *University of Missouri, Columbia*

Five experiments ( $N = 4915$ ) examined the impact of happiness on moral judgments of prejudiced people. Happy prejudiced people were rated higher in moral goodness and more likely to engage in good behaviors than unhappy prejudiced people. The association between happiness and moral goodness was explained by good behavior forecasts.

### **9:15 AM Confucius and Kant: Informal Societal Control in Chinese Moral Reasoning**

**Bryan Pang**, *University of Illinois Urbana-Champaign*; Simone Schnall, *University of Cambridge*; Dov Cohen, *University of Illinois Urbana-Champaign*

In 3 studies ( $N = 711$ ), we found that compared to British participants, Chinese participants explained their moral condemnation based more on societal explanations (from open-ended textboxes and scale-rating methods) and showed higher moral relativism. This work calls for investigating cultural moral cognition using reasoning-based approaches.

### **9:30 AM Political and Religious Identity Conflict**

**Alexis Morales**, *University of Illinois Urbana-Champaign*; Kimberly Rios, *University of Illinois at Urbana-Champaign*

In a correlational study, participants identifying as religious and liberal (or non-religious and conservative) reported higher levels of identity conflict than did participants identifying as non-religious and liberal (or religious and conservative). In an experimental study, a manipulation of perceived identity conflict resulted in lower identification with one's political views.

### **9:45 AM Derogating Dissent: Ideological Differences in Responses to Partisan Ingroup Dissent**

**Nathan Digby**, *University of Illinois at Chicago*

We examine intolerance of partisan ingroup dissent among Democrats and Republicans. Study 1 focused on policy disagreements, and Study 2 on reactions to corrections of factual errors. We test three competing



hypotheses: 1) Republicans are more intolerant 2) Democrats are more intolerant 3) both parties are comparably intolerant of dissenters.

### **10:00 AM Spiritual Yearning among the Nonreligious**

**Daryl Van Tongeren**, *Hope College*; **Patty Van Cappellen**, *Duke University*; **Joshua Wilt**, *Case Western Reserve University*; **Julie Exline**, *Case Western Reserve University*

A growing number of people are not served by traditional religions and yet still yearn for some aspects of what religion promises, such as existential meaning and comfort. A mixed-method study of 200 participants from the United States and United Kingdom explored the nature of this spiritual yearning.

## **Prosocial Behavior & Empathy**

Friday, April 19 | 8:30 AM-10:20 AM

Salon 5/8

Moderator: **Randy J. McCarthy** (Northern Illinois University)

### **8:30 AM Empathy Levels in Pet Owners: A Meta-Analytic Investigation**

**Alison Jane Martingano**, *University of Wisconsin - Green Bay*; **Sara Konrath**, *Indiana University & University of Michigan*

This meta-analysis investigates the correlation between pet ownership and the owner's empathy and prosocial behaviors, drawing on data from 58 studies. Findings suggest that animal exposure may enhance empathic responses and prosocial actions, with dog ownership showing particularly strong associations, indicating potential for pets as empathy-boosting interventions.

### **8:45 AM Empathy Trends in Young Americans: Rebounding Empathy Observed Since 2009**

**Sara Konrath**, *Indiana University & University of Michigan*; **Alison Jane Martingano**, *University of Wisconsin - Green Bay*; **Mark Davis**, *Eckerd College*; **Fritz Breithaupt**, *University of Indiana*

Analyzing trends in undergraduate empathy from 1979-2018, this cross-temporal meta-analysis uncovers a post-2009 increase in empathic concern and perspective-taking. The analysis suggests interpersonal changes may drive empathy fluctuations more than economic or worldview factors. Continuous monitoring is essential to comprehend future trends.

### **9:00 AM Team Identification, Empathy, & Prosocial Behavior: An Intergroup Rivalry Approach**

**Tyler Robinson**, *Murray State University*; Daniel Wann, *Murray State University*

Research suggests existing relationships among sport fandom, empathy, and prosocial behavior (Allwine, 2022). The current study tests whether general fandom or team identification influenced an empathy-helping relationship. Independent of sport fandom variables, empathy predicted prosocial behavior. Further, various multiple regression analyses reveal critical predictors of both trait and state empathy.

### **9:15 AM Forgiveness Transference Effect: Forgiving in Fiction Promotes Forgiving in Reality.**

**Mark Matthews**, *The Ohio State University*; Philip Mazzocco, *Ohio State Mansfield*; Angus Fletcher, *The Ohio State University*

Across three pre-registered studies, we identified a literary technique for improving forgiveness of a fictional character following a transgression against another character (studies 1-3) and found that improving forgiveness in a fictional scenario transfers to greater forgiveness of past personal transgressors (studies 2 and 3).

### **9:30 AM Variations in Forms of Nature Anthropomorphism: Warmth Predicts Greater Sustainability**

**Kathryn Aldstadt**, *Miami University*; Allen McConnell, *Miami University*; Tyler Jacobs, *Swarthmore College*

Participants reported their trait ascriptions of nature, and they reported their pro-environmental beliefs and behaviors. Greater ascriptions of warm-competence and warm-incompetence predicted greater sustainability outcomes, whereas perceptions of nature as being cold were unrelated to these outcomes. Pro-environmental consequences of different forms of nature anthropomorphism are discussed.

### **9:45 AM Social Identities and Environmental Decision Making**

**Nathanael Johnson**, *Purdue University*; Torsten Reimer, *Purdue University*

Making social identity salient is a powerful form of social influence. Based on the social identity approach and Probabilistic Persuasion Theory, we suggest that political identity may alter the perceived importance of attributes in an environmental decision making context. We report a pilot study that preliminarily supports our basic hypothesis.

## Race and Race-Based Perceptions

Friday, April 19 | 8:30 AM-10:20 AM

Wilson

Moderator: Kala Melchiori (James Madison University)

### **8:30 AM Feeling Replaced? The Effects of Essentialism on White Replacement Attitudes.**

**Cynthia Willis Esqueda**, *University of Nebraska, Lincoln*; Gabriel Zita, *University of Nebraska - Lincoln*

The importance of essentialism has been overlooked in understanding perceived threat from immigrants and White replacement. We examined essentialism and association with White replacement beliefs, with mediation from immigrant threat. Results confirmed these relationships and highlights a potential focus for future reductions in conflict between immigrant and nativist groups.

### **8:45 AM Race and Intelligence Perceptions: South Asian and White**

**Nishka Gupta**, *Cleveland State University*; Karen Chan, *Toronto Metropolitan University*; Jason Deska, *Toronto Metropolitan University*

This present study assesses possible stereotypes present between South Asian and White individuals by evaluating peoples' perceptions of intelligence based on appearance. There was no statistically significant difference present between the groups evaluated suggesting no stereotype to be present.

### **9:00 AM Black racial phenotypicality: Implications for the #BlackLivesMatter movement**

**Samantha Pejic**, *Toronto Metropolitan University*; Jason Deska, *Toronto Metropolitan University*; Maire O'Hagan, *Toronto Metropolitan University*

Does phenotypicality influence victim reporting metrics? Across three studies (N=450), White & Black Americans perceived individuals high in Black racial phenotypicality to be more represented by the BLM movement compared to their low phenotypic counterparts. This perception drove biases in credibility and appropriateness of reporting beliefs following hate crime victimization.

### **9:15 AM Racial Impacts on Support of Protest Actions**

**Darcy Acevedo-Torres**, *The Ohio State University*

This research examines the various factors influence the public's support for protest actions including the presence or absence of violence at protests, and agreement with the protestors while focusing on the effects and

interactions of the protestors' race and whether the protest topic is related to race.

**9:30 AM Perceived Masculinity as a Mechanism of the Race-based Size Bias**

**Jeanine Sempler**, *Indiana University Bloomington*; Erin Freiburger, *Indiana University*; Mattea Sim, *Indiana University*; John Paul Wilson, *Montclair State University*; Kurt Hugenberg, *Indiana University*

White perceivers often misjudge Black males as physically larger and more formidable than size-matched White males, a bias linked to increased justifications for police use-of-force against Black men. The present work identifies *perceived masculinity* as a mechanism for this bias across 3 studies using both by-stimulus and by-participant designs.

**9:45 AM In those Genes: Characteristics of "Black" and "White" genes and their Consequences for Race-based Judgments**

**INVITED SPEAKER: Drexler James**, *University of Minnesota-Twin Cities*

In the 21st century, misconceptions about racial genetic differences persist among the general population. While prior research explores adherence to genetic racial beliefs, none have directly probed beliefs in genes linked to race. Our study investigates if individuals believe in “Black genes” or “White genes” and associated attributes. We aim to understand how these beliefs influence judgments of Black-White multiracial individuals, including their racial categorization and perceived humanity. Key questions include: (1) Do people believe in genes determining Black or White identity? (2) What traits are associated with these genes? (3) How do these beliefs affect perceptions of multiracial individuals?

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**MPA Invited Presidential Address**

**Neural mechanisms of visual attention: Features and objects**

**Taosheng Liu**  
*Michigan State*

Friday, April 19 | 9:00 AM-10:15 AM  
Moderator: Anjolie Diaz, Ball State University

Crystal

Perception is strongly shaped by selective attention. How selection is achieved in the brain remains a major question in cognitive neuroscience. My work focuses on the neural mechanisms underlying attention to visual features and objects. I will present evidence for the neural instantiation of attentional priority, how priority signals modulate behavior, and the computational principles underlying these neural representations. These properties confer the brain with an efficient and robust mechanism to support flexible top-down control.

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**Professional Development Session**

Friday, April 19 | 9:30 AM-10:20 AM

Salon 10

**9:30 AM Introduction to personality assessment and its clinical application**

**Noa Heiman**, *University of Colorado*

In this session, we will give a historical overview of how psychological testing and assessment developed. We will go over some of the popular psychological tests to understand their utility, and when one should refer a client for testing, as well as to familiarize participants with reading and understanding test.

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## Basic and Applied Psychology Posters

Friday, April 19 | 10:00 AM-11:15 AM

Upper Exhibit Hall

### **1 U.S. Public Attitudes on Authorized Concealment of Side-Effect Information**

**Samantha Mayer**, *University of Toledo*; Emily Spotts, *University of Toledo*; Michael Vang, *University of Toledo*; Franklin Miller, *Weill Cornell Medical College, Division of Medical Ethics*; Andrew L. Geers, *University of Toledo*  
Nocebo effects occur when informing individuals about side-effects causes them to later experience side-effects. Authorized concealment, in which individuals learn about nocebo effects and make decisions with their clinician about disclosure methods, may mitigate nocebo effects. Results from an online survey suggest the public may be open to authorized concealment.

### **2 Examining Critical Consciousness and Health: Systematic Review Preliminary Results**

**Catherine Pierre-Louis**, *DePaul University*; Kathryn Grant, *DePaul University*

Preliminary findings from a systematic review linking critical consciousness to health indicators (such as mental health outcomes related to stress, depression and anxiety, social-emotional functioning and wellbeing, physical health outcomes, health promotion factors, etc.) in youth and adult populations will be shared.

### **3 Attitudes Toward Parents of Children with Cancer**

**Faith Shafer**, *Washburn University*; Tucker Jones, *Washburn University*

As part of a larger study, we assessed the extent to which parents of children with cancer are likely to be perceived differently than parents of healthy children. Our current results suggest that parents of children with cancer tend to be perceived more favorably than parents of healthy children.

### **4 Self-regulation, academic motivation, academic achievement of undergraduate in online learning**

**Sonia Almwad**, *Andrews University*

The aim of the study was to determine whether self-regulation and academic motivation are related to undergraduate student academic achievement in an

online learning environment. The results showed that participants were moderately self-regulated and academically motivated. Also, there was no link between self-regulation and academic motivation and no gender differences.

### **5 Consequences of Suppressing Emotions in School: A Qualitative Study**

**Kaitlin McGary**, *Washington University in St. Louis*; Ryan Hoffman, *Washington University in St. Louis*; Maegan Ruiz, *Washington University in St. Louis*; Chris Rozek, *Washington University in St. Louis*

Emotion suppression is one potential emotion regulation strategy that adolescents may use despite its associated negative impacts on well-being. We coded adolescent responses to a question asking about when/why they suppressed in ways that were maladaptive to obtain a better understanding of how suppression was being used by adolescents.

### **6 REBOUND: A Strengths-Based Group Intervention Enhancing Resilience Among College Students**

**Xinyi Zhang**, *Illinois Institute of Technology*; Lavinia Popescu Nau, *Illinois Institute of Technology*; Tina Ye, *Illinois Institute of Technology*; Eun-Jeong Lee, *Illinois Institute of Technology*

This pilot study, "REBOUND," is a strengths-based intervention designed to alleviate stress among college students. The eight-week program involves six undergraduates and it aims to increase positive emotions, reduce stress, and enhance coping strategies. REBOUND promotes experiential learning, open communication, and interpersonal relationships, facilitating students' academic adjustment.

### **7 Student Anxiety and Ratings of Teaching in an Online Environment**

**Carol Patrick**, *FHSU*; Gina Smith, *FHSU*

The purpose of the study is to examine the effects of state anxiety in an online teaching environment and how it may affect students' ratings of teaching. This study may help guide instructors as to the important aspects of teaching for online students.

### **8 Should MSSU Have a Baccalaureate Neuroscience Program?**

**Joseph Boomer**, *Missouri Southern State University*; Karen Kostan, *Missouri Southern State University*

Missouri Southern State University (MSSU) is considering adding a Bachelor's degree neuroscience program. Publicly available data were examined to reveal common characteristics of universities with neuroscience

programs at any level. MSSU's data profile was inconsistent with other universities which have neuroscience programs. We welcome discussion about starting one.

### **9 Attendance and Online/In-Person Exams**

Alexandra Ilie, *Illinois State University*; **Taylor Flinn**, *Illinois State University*; Ivellisse Del Valle, *Illinois State University*; Dan Ispas, *Illinois State University*; Daniel Lannin, *Illinois State University*

In a quasi-experimental study, we investigated the impact of implementing an attendance policy on exam grades. We found no statistically significant differences on exams administered online during both semesters and an improvement of scores when an attendance policy was implemented for exams administered in-person.

### **10 Mediating Student Self-Esteem and Engagement with Instructor Check-Ins**

**Shawn Guiling**, *Southeast Missouri State University*; Chasity Ratliff, *Southeast Missouri State University*; Vera Campbell-Jones, *Southeast Missouri State University*

Understanding emotional and academic needs of students is invaluable to promote learning and foster resilience and mental health. Retention builds directly from rapport established between instructor and student. The study investigated a simple but effective care-based interview approach to building student engagement and self-esteem, improving persistence and future successes.

### **11 Wise intervention improves academic performance at Minority-Serving institution**

**Al Robiullah**, *Ball State University*; Gerardo Ramirez, *Ball State University*

At Minority Serving Institutions (MSIs), underrepresented minority students are not always made aware of the significance of utilizing available hidden curricula. In this study, we found wise interventions motivate students to utilize resources which leads to improved academic performance among first-year students at a minority-serving institution.

### **12 Ethnic Minority Student Teachers' Lived Experiences of Pressure and Perseverance**

**Hui Zhang**, *University of Indianapolis*; Razan Murshid, *University of Indianapolis*; Kailee Cornell, *University of Indianapolis*; Allison Whitcraft, *University of Indianapolis*; Leena Mayi, *University of Indianapolis*; Utsavi



Tak, *University of Indianapolis*; Charles Matthew Stapleton, *University of Indianapolis*; John Kuykendall, *University of Indianapolis*

We aim to understand the lived experience of ethnic-minority student teachers. Qualitative phenomenological analysis of 16 participants revealed the themes: pressure and responsibilities, pain and toll on health, mentor support, and optimism. We plan to finish the analysis by December 2023, offering insights into supporting these student teachers.

### **13 Black Adolescent Belonging in K-12 Education**

**Jazlyn Rowan**, *Indiana University*; Tennesha Riley, *Indiana University Bloomington*

The current study investigates the critical issue of school belonging among Black adolescents, focusing on factors influencing their sense of inclusion and needed changes to create a safe environment. This study emphasizes the significance of including student voices in educational discussions, offering valuable insights for educators and mental health providers.

### **14 Emotional Support Animals in College Housing**

**Mackenzie Cook**, *Ball State University*; Mariah Murdock, *Ball State University*; Betsy Kiel, *Ball State University*

The use of animals to help manage disability-related symptoms seems to be a steadily growing trend. We examined the effectiveness of emotional support animals (ESAs) for students living in campus housing at a Midwestern University. Using thematic analysis, we focused on students perceived academic success, mental health, and social components.

### **15 Online Student Engagement and Inclusivity at a Christian University**

**Noma Mpofu**, *Andrews University*; Jerry Chi, *Andrews University*

The research at — University focuses on improving student engagement in virtual learning environments. The study uses a mixed-method approach, including surveys, interviews, and analytical tools. Preliminary findings show different levels of engagement among online students. The study offers strategies for enhancing online learning experiences and has broader implications for education.

### **16 The Relationship Between Parental Involvement and Socioeconomic Status**

**Antonia Marlis**, *University of Wisconsin La Crosse*

Parental involvement in education is often related to higher levels of academic achievement, however parents with low socio-economic statuses

(SES) are less involved. This study measured the involvement behaviors of parents and their SES. Preliminary data analysis suggests that the parents higher income are less involved in their child's education.

### **17 Impacts of Teachers' Perceptions on Various Gender and Racial Identities**

**Cristina Dimova**, *University of Denver*; Arrianna Kennedy, *University of Denver*; Kamilah Legette, *University of Denver*

Twenty teachers assessed student misbehavior severity by reading vignettes featuring diverse racial and gender identities. Latine and Black students were seen as more inappropriate and disobedient than White students, with Latine students being viewed as more disrespectful. Teachers perceived misbehavior as typical for boys, yet disrespectful among girls.

### **18 Family Visits to a Children's Museum**

**Nicole R. Rivera**, *North Central College*; Samia Saba, *North Central College*; Isabella Canedo, *North Central College*; Elyssa Thompson, *North Central College*; Jehana Jusufi, *North Central College*; Sarah Bukowski, *North Central College*

Children's museums provide hands-on learning experiences for families. 20 families were recruited at a Midwestern children's museum to participate in a full-visit observation, survey and post trip interview. Findings indicate the value of the museum visit to provide opportunities for socialization and quality family time in a trusted space.

### **19 Experiences of young Black women from a preparatory computing program**

**Noelle Mongene**, *Oakland University*; Martha Escobar, *Oakland University*

Black women are severely underrepresented in computing professions. Interviews conducted with Black young women who participated in a preparatory experience for an advanced high school computer science course shed light on some of the factors that facilitated or impaired their success in computer science education.

### **20 Relationship Between Creative and Math Anxiety Controlling for General Anxiety**

**Ammon Johnson**, *University of Tennessee at Martin*

This study compared creative anxiety and math anxiety while controlling for anxiety experienced in neutral situations that did not include math or creative

endeavors. The data run was a stepping stone between an initial straight comparison between creative and math anxiety and further analysis.

## **21 The Role of Instructor Validation In Higher Education**

**Rebecca Gold**, *Ball State University*; Addison Helsper, *Ball State University*; Gerardo Ramirez, *Ball State University*

This study investigated the impact of teacher responses, specifically validation and invalidation, on student outcomes in a math problem-solving context. Results revealed that validating responses positively influenced students' perceptions of the experimenter and reduced their use of emotion regulation strategies. This underscores the importance of creating validating learning environments.

## **22 Educator Wellbeing and Turnover Intentions**

**Derek Goebel**, *Illinois State University*; Katie Hindman, *Illinois State University*; Adena Meyers, *Illinois State University*; Emily Jones, *Illinois State University*

Educators in a Midwestern school district were surveyed to measure work-related wellbeing. Chi-squared tests indicated that this sample responded less favorably compared to a national sample from 2016. Correlations among survey items indicated strong associations between staff wellbeing indicators and turnover intentions.

## **23 COVID-19, Parents' Educational Involvement, and Children's Approaches to Learning**

**Colleen Bartlett**, *Northern Illinois University*; Joanna Keane, *Northern Illinois University*; Kaitlyn Larkin, *Northern Illinois University*; Elizabeth C. Shelleby, *Northern Illinois University*; Julia Ogg, *Northern Illinois University*; Maria Rogers, *Carleton University*

In the context of the COVID-19 pandemic, we explored associations between parents' self-efficacy about educational involvement in 2019, their time and energy and educational involvement in 2020, and their children's approaches to learning in 2021. We found that self-efficacy and educational involvement, specifically home involvement, predicted approaches to learning.

## **24 What Effect does Grit have on Academic Performance?**

**Sadie Keller**, *Washburn University*

The purpose of this study is to examine how grit relates to academic performance. Using correlational analyses, we expect to find ambition,

positive thinking, and grit to significantly positively relate to academic performance. The results of this study will be presented at the conference.

### **25 Exploring the Collaborative Practices of School Psychologists and Speech Language Pathologists**

**Shaalein Lopez**, *Governors State University*; Dan Koonce, *Governors State University*

An exploratory analysis of the collaborative practices of 268 School Psychologists (SPs) and Speech Language Pathologists (SLPs) from two midwestern states is explored through a 45-item survey. Results suggest that SPs and SLPs agree (to varying degrees) that mutual collaboration is important, but numerous barriers to collaboration exist.

### **26 An Organizational Development Project for Industrial-Organizational Psychology Courses**

**Anna Semanko**, *The College of St. Scholastica*; Candace Wasner, *The College of St. Scholastica*; Bailey Dunaski, *The College of St. Scholastica*; Elshaddai Phiri, *Concordia College*

We present and examine a unique organizational development project that emphasizes understanding and application of industrial-organizational psychology concepts to enhance organizational settings. Students reported that this project helped them understand I-O theories and stimulate professional skill development, providing implications for psychology instructors seeking to actively teach organizational development concepts.

### **27 STEM-Related Autobiographical Memories: Thematic Analysis and Associations with Academic Adjustment**

**Alex Ajayi**, *University of Minnesota*; Nick Parkos, *Augsburg University*; Evren Guler, *Augsburg University*; Rebekah Dupont, *Augsburg University*

This study explores the role of autobiographical memories in academic adaptation among low-income STEM students in a support program. It examines the influence of significant life events on STEM interest, identifies key narrative qualities, and uncovers links between narratives emphasizing communion and prospective STEM course enrollment.

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## Professional Development Session

Friday, April 19 | 10:30 AM-11:20 AM

Salon 2

### **10:30 AM Micro and Macro Considerations in Seeking National Science Foundation Support**

**Allen McConnell**, *National Science Foundation*

A National Science Foundation Program Director discusses how to approach the agency for research support. This professional development session will outline micro (e.g., how do Principal Investigators identify appropriate programs for submitting proposals) and macro (e.g., cross-agency initiatives, changing federal requirements) issues, with significant time for audience questions and comments.

Friday, April 19 | 10:30 AM-11:20 AM

Salon 10

### **10:30 AM Towards Affirming Therapy: Clinical Work for Sex Workers**

**Madeline Stenersen**, *Saint Louis University*

This session will focus on gaining knowledge and skills regarding clinical care with sex workers. The session will start with an overview of the history and current landscape of the sex industry in the United States followed by current best practices, and application of these practices in various settings.

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## Invited Symposium

### **Skin Deep: Considerations for Psychological Examination of Colorism**

Friday, April 19 | 10:30 AM - 12:20 PM

Wabash

Organizer: CAITLIN MERCIER, Illinois State University

Black Americans face inimical health consequences attributable to colorism - systemic devaluation of dark skin complexions compared to light skin for Black Americans (Alexander & Carter, 2022; Armstead et al., 2014; Monk, 2015). However, colorism remains arrantly absent in social sciences (Crutchfield & Webb, 2020). Using their research, speakers will elucidate upon the impact of colorism on the well-being of Black Americans and offer specific recommendations for clinical practice, training, and research.

**Skin Tone Matters: The Intersectional Stress of Racism and Colorism for Black Women**

CAITLIN MERCIER, Illinois State University

**Family Matters: The Influence of Parental Racial-Ethnic Socialization and Colorism**

NAYA SUTTON, Mathematica, SHARDE MCNEIL SMITH, University of Illinois at Urbana-Champaign

**Skin Tone Trauma: Investigating the Psychological Trauma Implications of Colorism**

ANTOINETTE M. LANDOR, University of Missouri



**Challenges, Consequences, and Strategies for Discussing Interpersonal and Social Issues**

Friday, April 19 | 10:30 AM - 12:20 PM

Wilson

Resolving interpersonal and social issues requires engaging in difficult discussions. At times, people may need to share or discuss distressing experiences with others. At other times, people may need to navigate disagreements on contentious political issues. These discussions are key to foster interpersonal connections and promote meaningful social change. The current symposium brings together researchers who adopt a social cognitive approach to investigate the challenges, consequences of, and strategies for engaging in difficult but important interpersonal and social discussions. The first talk identifies a barrier of being honest in such conversations—they are perceived to be beneficial long-term, at the cost of short-term emotional pain. The second talk suggests that, when Black Americans share experienced discrimination, they could leverage visual perspective—recalling the event from their own first person perspective or an observer’s third person perspective—to get emotional support or promote social justice in the audience. The third talk demonstrates that people who engage in stronger wise reasoning perceive greater subjective value of talking with others who have opposing interests or opinions. The final talk documents that inviting

people to explain political issues (vs. to engage in free discussion) promotes open-minded reasoning and perceived closeness to their discussion partner.

**Difficult Conversations as an Intertemporal Choice**

YENA KIM, The University of Chicago Booth School of Business, EMMA E. LEVINE, The University of Chicago Booth School of Business, T. BRADFORD BITTERLY, The Hong Kong University of Science and Technology, LAURA E. WALLACE, The University of Chicago Booth School of Business, NATHAN LEE, Rochester Institute of Technology, KAREN KIM, The University of Chicago

**Functions of Storyteller’s Mental Imagery Perspective in Sharing Experienced Discrimination**

PHUONG Q. LE, The Ohio State University, LISA K. LIBBY, The Ohio State University, VANESSA IVY, The Ohio State University, & RICHARD P. EIBACH, University of Waterloo

**Wise Reasoning and Subjective Values in Conflict Communication**

ZHIXU (RICK) YANG, Purdue University, FRANKI Y. H. KUNG, Purdue University, MELODY M. CHAO, The Hong Kong University of Science and Technology

**Being Invited to Explain Political Issues Promotes Open-Minded Political Reasoning**

ABDO ELNAKOURI, Northwestern University, ALEX HUYNH, California State University San Marcos, IGOR GROSSMANN, University of Waterloo



**Addiction and Substance Use**

Friday, April 19 | 10:30 AM-12:20 PM

Salon 1

Moderator: Rebecca D. Foushée, Lindenwood University

**10:30 AM Removing Stigmatizing Language in Self-Reports Does Not Affect Psychometric Properties**

**Vanessa Wang**, *Southern Illinois University Carbondale*; Bryant Stone, *Medical University of South Carolina*

We examined the psychometric properties of the Addiction Belief Inventory (ABI) after removing stigmatizing language. Results suggest that removing and replacing stigmatizing language did not affect the psychometric properties of the scale. We provided recommendations on removing stigmatizing language in measures and delineating efforts to reduce stigma.

### **10:45 AM Smoking Cessation Outcomes in Heavy-drinking Smokers at 6-month Follow-up**

**Layne Robinson**, *University of Chicago*; Nathan Didier, *University of Chicago*; Ashley Vena, *The Emmes Company*; Riya Thomas, *University of Chicago*; Andrea King, *University of Chicago*

People who smoke cigarettes and drink alcohol heavily are less likely to quit smoking than those who do not drink heavily. Varenicline and nicotine patches increased success in a 12-week treatment phase but results equaled patch-only recipients after medication discontinuation. Prolonging varenicline may enhance long-term quit rates in heavy-drinking smokers.

### **11:00 AM Nicotine Effects on Attentional (Eye Gaze) Bias to Smoking Cues**

**Jonathan Hammersley**, *Western Illinois University*; Bryant Stone, *Southern Illinois University Carbondale*

Nicotine replacement therapy (patches) did not reduce attentional bias to 3-second smoking cue presentations. However, smoker-nonsmoker differences in attentional bias remained. Smokers had significant eye gaze-assessed attentional bias towards smoking cues vs. never-smokers, for a longer period than previously assessed. AB towards smoking-related cues may be more complex than currently known.

### **11:15 AM Perceived Addiction Potential: Novel Protective Factors for Substance Use Disorders**

Bryant Stone, *Medical University of South Carolina*; **Vanessa Wang**, *Southern Illinois University Carbondale*

We characterized the self-assessment of substance use disorder (SUD) onset, called Perceived Addiction Potential (PAP). Results indicated that one's PAP accurately reflects SUD risks. Prevention efforts may prioritize those who believe they are at risk for SUDs compared to those who report a low likelihood of SUD risk

### **11:30 AM Fatalism Dimensions Moderating the Links between Stress**



## **and Drinking**

**Masahiro Toyama**, *Marshall University*; Emilee Pugh, *Marshall University*  
Fatalism has been suggested to be linked to negative health-related outcomes. The present study addressed the nuanced associations among multiple dimensions of fatalism, stress, and problematic drinking. The findings suggested positive implications of fatalism indicating weaker links between stress and drinking among those with high levels of some fatalism dimensions.

## **11:45 AM How Attitudes about Legalizing Marijuana and State Laws Impact Stigma**

Beatrice Wendeln, *Illinois Institute of Technology*; Sang Qin, *University of Wisconsin Madison*; **Sai Snigdha Talluri**, *Illinois Institute of Technology*; Patrick Corrigan, *Illinois Institute of Technology*; Scott Morris, *Illinois Institute of Technology*

The changing legal status of medical and recreational marijuana use across the US might influence the stigma of marijuana use. This study examined how personal attitudes about legalization and state laws interact with stigma. Medical and recreational marijuana use stigma was associated with the intersection of attitudes and state legality.

## **12:00 PM In-Detention SUD Treatment and Its Impact on Sense of Self**

**Stacie Furst-Holloway**, *University of Cincinnati*; Joveria Baloch, *Northern Kentucky University*; Katherine Baltrusch, *University of Cincinnati*; Eleanor Bicknell, *University of Cincinnati*; Clay Driscoll, *Northern Kentucky University*; Valerie Hardcastle, *Northern Kentucky University*; Emma Hargis, *University of Cincinnati*; Brittany Miller, *University of Cincinnati*; Carlos Munoz-Serna, *University of Cincinnati*

Despite a proliferation of in-detention treatment programs for SUD, relapse and recidivism rates remain high. The purpose of this study is to qualitatively examine the impact of treatment on creating more positive identities for women detainees that may, in turn, promote a desire to stay clean and out of jail.

## **Adult Psychopathology**

Friday, April 19 | 10:30 AM-12:20 PM

Salon 9

Moderator: Claire Etaugh, *Bradley University*

## **10:30 AM Etiological Risk Therapy for the Treatment of Eating**

## **Disorders**

**Melinda Green**, *The Green Institute, Green Counseling Services PLLC*; Rosario Garcia Fino, *Green Counseling Services PLLC*; Travis Haupt, *Green Counseling Services PLLC*; Leah Gehlsen Morlan, *Green Counseling Services PLLC*; Noelle Andrew, *Green Counseling Services PLLC*; Iyana Leach, *Green Counseling Services PLLC*; Abby Smith, *Green Counseling Services PLLC*

A randomized clinical trial compared the efficacy of an educational brochure, the Body Project (Stice & Shaw, 2001), and the Body Project Expanded (Green et al., 2017) treatment conditions among women with disordered eating. An etiological treatment model is proposed based on these results and tested in a preliminary trial.

## **10:45 AM LGBTQ+ Discrimination and Suicidal Ideation: Mediating Role of Rejection Sensitivity**

**Swanaya Gurjar**, *Cleveland State University*; Ashleen Pinto, *Cleveland State University*; Liz Goncy, *Cleveland State University*

The present study examined the role of rejection sensitivity as a mediator of the relationship between LGBTQ+ discrimination and suicidal ideation (SI) in a community sample of sexual and gender minority adults. Findings suggest that discrimination was significantly and indirectly associated with SI via rejection sensitivity.

## **11:00 AM Suicide-specific treatment utilization: The role of social determinants of health**

**Kerri-Anne Bell**, *University of Notre Dame*; Brooke Ammerman, *University of Notre Dame*

This study examined which social determinants of health, and perceived barriers to treatment differentiated *type* of mental health (MH) care engagement. Education, income, health coverage, time to see provider, lack of providers with STB treatment experience, transportation difficulties, and discomfort about MH treatment differentiated STB specific MH care utilization

## **11:15 AM Impact of Borderline Symptomatology, Mindfulness, and Rumination on Suicidogenic Beliefs**

**Kellyann Navarre**, *Cleveland State University*; Ilya Yaroslavsky, *Cleveland State University*

This study of BPD-diagnosed adults investigates the sequential relationships between BPD features, mindfulness, rumination, and suicidality through the

lens of the emotional cascade model. Results show associations between ruminative tendencies that subsequently increases suicide risk. Nonjudgement and rumination are serial mediators and show potential to mitigate suicide risk in BPD.

### **11:30 AM Impact of Professional Stigma on Self-esteem of Patients with BPD**

Trisha Prunty, *Blackburn College*; Vanessa Cunningham, *Blackburn College*

Individuals with diagnoses of borderline personality disorder (BPD) shared their experiences with mental health professionals. Despite past negative experiences, it is found that positive future treatment is possible; however, discrimination and professional stigma are still encountered in the treatment of these individuals.

### **11:45 AM Reliability of Discrete versus Continuous Measures in Clinical Practice**

Caroline Balling, *Purdue University*; Madisyn Arnold, *Brown University*; Doug Samuel, *Purdue University*

In this meta-analysis, 2,045 studies were screened for eligibility, and 826 effect size estimates from 36 studies were represented. Results revealed that continuous measurement conferred a 16.45% increase in multi-method/multi-rater reliability and a 17.86% increase in test-retest reliability, while highlighting the need for improved reliability reporting in the literature.

### **12:00 PM Associations Among Nonattachment to Self, Self-as-Context, and Depression**

Vanessa Wang, *Southern Illinois University Carbondale*; Ankita Sahu, *Southern Illinois University Carbondale*

This study examined the association between nonattachment to self, self-as-context, and depression. Results revealed that education and self-as-context explained variability beyond nonattachment to self. Education and self-as-context may be important in depression treatment. Future research may examine education as a protective factor and investigate clinical application of self-as-context for depression.

## **Language and Cognition**

Friday, April 19 | 10:30 AM-12:20 PM

Salon 12

Moderator: Michiko Nohara-LeClair (Lindenwood University)

### **10:30 AM Unraveling Language Complexity: Past, Present, and Future**

**INVITED SPEAKER: Alivia Zubrod, Park University**

When evaluating aspects of communication, the value of considering linguistic complexity (and simplicity) cannot be understated. Focusing on one of the leading constructs of language complexity, integrative complexity, I explore classic and contemporary work on the nature of language complexity while highlighting research exploring new theoretical insights into this construct.

### **11:00 AM A Gricean Explanation for AI Aversion**

**David Wu, Vanderbilt University; Catherine Touchton, Vanderbilt University; Donald Gaffney, Vanderbilt University; Bryan Buechner, Xavier University; Emma (Neybert) Sittenauer, University of Cincinnati; Susan Mantel, University of Cincinnati; Steven Posavac, Vanderbilt University; Frank Kardes, University of Cincinnati**

In study 1 we introduce the Gricean Adherence Scale (GAS) to measure the extent to which messages adhere to the four Gricean norms. In Study 2, we establish the robustness and utility of the GAS as well as explore Gricean adherence as an explanation for the robust AI aversion effect.

### **11:15 AM Speech Rate May Affect Neurocognitive Processing in Statistical Learning**

**Joshua Buffington, Georgetown University; Kara Morgan-Short, University of Illinois Chicago**

Statistical learning plays a key role in language acquisition. We report two experiments that examine whether statistical learning relies on prediction error in procedural memory. Results suggest that as speech rate increases (to an extent), procedural memory increasingly supports statistical learning, presumably due to quick feedback on erroneous predictions.

### **11:30 AM Effects of Drawing Instruction on Early Literacy and Cognitive Skills**

**Rebecca Bove, Indiana University Bloomington; Karin James, Indiana University**

The goal of the present studies was to examine the effects of a guided, previously established drawing intervention. Children who received the Drawing Children into Reading intervention had significant gains in their visual memory abilities, letter identification skills, handwriting speed, and sentence letter writing abilities compared to control groups.

## Misinformation and Conspiracy Beliefs

Friday, April 19 | 10:30 AM-12:20 PM

Salon 5/8

Moderator: Robert J. Rydell (INDIANA UNIVERSITY)

### **10:30 AM Continued Influence of Misinformation: Attitudes and Mixed Correction Source Characteristics**

**Kelly Amaddio**, *The Ohio State University*; Jason Clark, *Ohio State University*; Duane T. Wegener, *The Ohio State University*

People often continue to believe misinformation even after it is corrected—especially if it is attitude-consistent. The current research suggests this effect is more pronounced when a correction source has mixed (e.g., expert with a vested interest) rather than consistently strong qualities (e.g., expert without a vested interest).

### **10:45 AM Discouraging Assumptions of Truth: An Intervention**

**Courtney Moore**, *The Ohio State University*; Russell Fazio, *The Ohio State University*; Lisa Fazio, *Vanderbilt University*

The current intervention offers immediate, objectively accurate feedback during a trivia task to increase participants' awareness of their intellectual shortcomings. Participants in the intervention were less likely to assume items in a subsequent, unrelated trivia task were true, which could offer a means of decreasing one's likelihood of endorsing misinformation.

### **11:00 AM The Illusory Truth Effect on Opinions: 30 Years Overturned**

**Josh Woods**, *Grand View University*; Paul Riesthuis, *KU Leuven*

Repeated information is more likely to be judged as true. This illusory truth effect has been demonstrated for trivia, fake news headlines, rumors, implausible statements, and misinformation. For three decades, it was believed this also applied to opinions. Ironically, that belief fell victim to the illusory truth effect itself.

### **11:15 AM The Relation Between Authoritarian Leaders and Misinformation Across Cultures**

**Juan Ospina**, *The Ohio State University*; Gabor Orosz, *Artois University*; Steve Spencer, *The Ohio State University*

In western democracies, people with authoritarian leaders were more likely to accept misinformation than those with paternalistic or autonomous leaders (Ospina et al., 2023). In authoritarian regimes (Hungary), we replicated these

findings. But in paternalistic societies (Singapore), people were more likely to comply with their leaders, even with autonomous leaders.

**11:30 AM Information Sharing Based on Novelty versus Belief Consistency**

**Jacob Goebel**, *The Ohio State University*; Mark Susmann, *Vanderbilt University*; Srinivasan Parthasarathy, *Ohio State University*; Hesham El Gamal, *University of Sydney*; R Kelly Garrett, *Ohio State University*; Duane T. Wegener, *The Ohio State University*

Across two experiments, participants preferred to share belief-consistent (vs. belief-inconsistent) information, despite consistent information being the least surprising. Manipulated novelty did not predict sharing or surprise. Thus, classical (context-free) information theoretic predictions about sharing would benefit from considering semantic meaning in contexts where people hold pre-existing beliefs.

**11:45 AM The Allure of Unseen Strings: Causal Uncertainty and Conspiracy Endorsement**

**David Sweeney**, *Ohio University*; Keith Markman, *Ohio University*

This study examines how causal uncertainty influences belief in conspiracy theories, with data from five studies (N=886) showing a positive correlation, even when controlling for related constructs. Findings imply that reducing causal uncertainty may mitigate conspiracy theory appeal.

**12:00 PM On the Moderators and Mediators of the Conspiracy Belief-Behavior Relation**

**Javier Granados Samayoa**, *University of Pennsylvania*; Dolores Albarracín

Across two studies using large, nationally representative samples, we find that conspiracy beliefs predict attitudes toward behaviors, and do so most strongly when those conspiracy beliefs are strong—e.g., more certain—and actionable—seen as relevant to behavior. In turn, attitudes toward behaviors robustly predict actual behavior over time.

**Regulation - Emotion and Control**

Friday, April 19 | 10:30 AM-12:20 PM

Salon 6/7

Moderator: Edward Hirt (Indiana University-Bloomington)

**10:30 AM Is Emotion Adaptive? Examining the Fitness Relevance of Word Valence**

**Dailyn Clark**, *University at Albany, State University of New York*; Jeanette Altarriba, *University at Albany, State University of New York*

Words processed for survival relevance are better recalled than words processed for relevance to other scenarios (Nairne et al., 2007). The current study examined how emotion words are processed in the survival paradigm. Our findings indicate a robust survival advantage in addition to a mnemonic advantage for positive words.

### **10:45 AM Emotion Regulation and Salivary Cortisol in Top 100 Esports Competitors**

**Kyle Nolla**, *Northwestern University*; Aiden Cella, *Purdue University*; Mark Beeman, *Northwestern University*; Paul Reber, *Northwestern University*; Emma Adam, *Northwestern University*

Esports competitors need emotion regulation to accomplish performance goals. We surveyed competitors of all skill, and for elite players, we measured cortisol awakening response (CAR) and conducted interviews about emotion regulation. Emotion regulation was associated with tournament performance, and elite players reported several adaptive self-regulation strategies despite blunted CAR.

### **11:00 AM Changes over time in ability-based emotional intelligence (DANVA and MSCEIT)**

**Basma Aly**, *Indiana University*; Alison Jane Martingano, *University of Wisconsin - Green Bay*; Sara Konrath, *Indiana University & University of Michigan*

We examine changes over time in Americans' scores on two performance-based measures of emotional intelligence. In Study 1, we examine performance on the Diagnostic Analysis of Nonverbal Accuracy (DANVA) from 1989 to 2019. In Study 2, we examine performance on the Mayer-Salovey-Caruso Emotional Intelligence Test (MSCEIT) from 2001 to 2019.

### **11:15 AM The Relationship Between Collective Effervescence, Self-Expansion, and Wellbeing**

**Veronica Schneider**, *SUNY Buffalo*; Shira Gabriel, *SUNY Buffalo*

Recent research suggests that being in a crowd can increase wellbeing. Three independent studies found converging evidence that the sense of collective effervescence caused by a group event leads to wellbeing on its own and through self-expansion. This suggests that collective effervescence in crowds increases wellbeing via two different pathways.

**11:30 AM Nature Gratitude Predicts Pro-Environmental Outcomes but Also Greater Climate Anxiety**

**Tyler Jacobs**, *Swarthmore College*

In two studies (N=462), greater trait gratitude to nature was associated with greater pro-environmental behavior, greater inclusion of nature in self, and less trait stress and depression. However, greater gratitude to nature also predicted greater anxiety about climate change, especially when controlling for trait general anxiety, stress, and depression.

**11:45 AM Exploring Lay Beliefs about the Nature of Self-Control**

**Samantha Lapka**, *The Ohio State University*; Kentaro Fujita, *The Ohio State University*

Contrary to many researchers' assumptions, we find that people do not believe that self-control entails willpower; instead, they appear to understand that they can use a wider repertoire of strategies to prioritize goals over temptations. Individual differences in these beliefs may explain why some are more successful in goal pursuit.

**12:00 PM The Effect of Self-Concept Clarity on Decision-making**

**Mengdi Huang**, *Northwestern University*; Lydia Emery, *University of Chicago*; Wendi Gardner, *Northwestern University*

Self-concept clarity contributes to psychological well-being. We propose that one way SCC contributes to well-being in individualistic cultures is through easing decision-making. Across three studies using US samples, we found that higher SCC is associated with fewer and less frequent decision regrets in domains ranging from self-selected hobbies to romantic partner.



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## MPA Invited Presidential Address

### Creating a Truly Open and Inclusive Psychological Science

**Cynthia Pickett**

*Cal Poly Pomona*

Friday, April 19 | 10:30 AM-11:45 AM

Crystal

Moderator: Rosalyn Davis, Indiana University Kokomo

Similar to other academic disciplines, psychology developed within a scholarly and scientific framework that centered and favored certain voices and perspectives over others. As noted by scientists within the field, our current scientific practices often serve to reinforce White supremacy with significant and impactful consequences (Buchanan et al., 2021). In this talk, I will discuss whom our discipline was designed to serve and how this history produced the inequitable reward and support systems we see today. Additionally, I will shed light on the inadequacies of current institutional responses to address escalating inequalities and examine how our disciplinary standpoint can both aid and impede the creation of effective solutions. Lastly, I will propose a roadmap for reconceptualizing psychological science to foster genuine openness and inclusivity.

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## Professional Development Sessions

Friday, April 19 | 11:30 AM-12:20 PM

Salon 2

### **11:30 AM So you want to be a department chair?**

**Clair Kueny**, *Missouri University of Science & Technology*; Lillian Park, *SUNY Old Westbury*; Kelly Steelman, *Michigan Technological University*

This panel session will cover the joys, challenges, skills, strategies, and day-to-day activities that come with the role of department chair. Whether you are

curious about taking on this role in the future or are currently chair, come join the discussion and start building (or expanding) your network of support.

Friday, April 19 | 11:30 AM-12:20 PM

Salon 10

**11:30 AM Suicidal and Non-Suicidal Self-Injury Behaviors in People with Disabilities**

**Yen Chun Tseng**, *University of Wisconsin-Stout*; Nicole Ditchman, *Illinois Institute of Technology*

Self-injury and suicide are serious health concerns globally and the rates are even higher for people with disabilities. This session provides an overview of suicidal and non-suicidal self-injury behaviors and discusses the risk factors and considerations for providers working with these populations.



**Clinical and Social Psychology Poster Sessions**

Friday, April 19 | 11:30 AM-12:45 PM

Upper Exhibit Hall

**1 College Students' Ageism: Dependent on Closeness of Relationships with Grandparents**

**Claire Etaugh**, *Bradley University*; Amanda Allgeier, *Bradley University*; Johnna Armstrong Watson, *Bradley University*; Autumn Brown, *Bradley University*; Kylie Kruis, *Bradley University*; Makenna Metoyer, *Bradley University*; Camryn Picken, *Bradley University*; Emma Rogers, *Bradley University*; Genevieve Stedwill, *Bradley University*; Val Weinberg, *Bradley University*

Ageism (negative attitudes towards older adults) can be hostile or benevolent. Greater closeness to grandparents (but not amount of contact) negatively correlated with hostile ageism for female and male college students and with benevolent ageism for males but not females. Students were closer to grandmothers than to grandfathers, especially maternal grandmothers.

**2 Perceived Quality of Caregiver-Child Interaction in Caregivers of Autistic Children**

**Lai-Sang Iao**, *Nottingham Trent University*; Vivienne Du, *Nottingham Trent University*

This study investigated the relationships between caregivers' perceived quality of caregiver-child interaction (PQCI) and the characteristics of both caregiver and autistic child in a Chinese population using an online survey

( $N=91$ ). Inconsistent with previous findings from Western populations, results showed that PQCI was predicted by caregivers' educational level only.

### **3 Your Friends Are Incompetent: Measuring Closeness-Communication Bias in Codenames**

**Mija Van Der Wege**, *Carleton College*; Henry Edmonds, *Carleton College*; Samira Gado, *Carleton College*; Ori Kim, *Carleton College*; Amanda Lilienfeld, *Carleton College*; Sophie Rast, *Carleton College*; Sonia Shah, *Carleton College*; Alexei Thomas, *Carleton College*; Maya Wolff, *Carleton College*

People overestimate how well they are understood in conversation, but what about in cooperative or competitive tasks? Using the board game Codenames, we test if people are more confident in their friend's or partner's ability to correctly guess words based on their clues than a stranger's or opponent's.

### **4 Seeing is Believing: Paranormal Experiences and Paranormal Beliefs**

**Steven J. Hoekstra**, *Kansas Wesleyan University*

Are your beliefs about pseudoscience, superstition, the paranormal, or the supernatural shaped by your media consumption or by actual personal experience? Beliefs appear to be often specific or clustered in closely related unique groups, and that personal experiences (or lack thereof) are related to those beliefs.

### **5 Personality, Imagined Contact, and Health Stigmas**

**Gwenna Lehmann**, *Purdue Fort Wayne*; Honey Fender, *Purdue University Fort Wayne*; Diana Valencia, *Purdue Fort Wayne*; Jay Jackson, *Purdue University Fort Wayne*

Participants imagined having a positive, neutral, or no interaction with someone diagnosed with schizophrenia, depression, or heart disease. This exercise reduced negative health biases. Agreeableness and openness played a significant role in reducing bias in the neutral condition.

### **6 What Makes Race-Related Stress Uniquely Stressful?: A Qualitative Study**

**Meg Powers**, *University of Louisville*; Shequanna Belizaire, *University of Louisville*; India McCray, *University of Louisville*; Yara Mekawi, *University of Louisville*

Research shows that race-related stress has negative impacts on mental health, but there is a lack of research on *how* race-related stress differs from everyday stressors. This study utilizes a qualitative approach to conceptualize

how a sample of Black Americans described an extremely stressful event (race vs. non-race-related).

### **7 African Americans' Race-related and COVID-19-related Distress, Racism and Social Distancing**

**Abiodun Akinseye**, *Oakland University*; Todd Lucas, *Michigan State University*; Hayley Thompson, *Wayne State University*; Louis Penner, *Wayne State University Emeritus*; Mark Manning, *Oakland University*

Effects of racism on health behaviors have been well-established. We explored the mediating effects of race-related distress and COVID-19-related distress on the association between racism and social-distancing non-adherence among a sample of African Americans. Results showed that race-related distress mediated the association whereas COVID-19-related distress did not.

### **8 Understanding Gender Discrimination on Healthy Eating Behaviors Among Women**

**Devin Whitt**, *Indiana University Indianapolis*; Tamika Zapolski, *Indiana University School of Medicine*

The study examined the relationship between gender discrimination and healthy eating and weight self-efficacy. One thousand and forty-seven cisgendered females of diverse backgrounds completed an online questionnaire on self-reported measures of past experience with gender discrimination and HWSE. Results indicated a direct association between experiences with gender discrimination and HWSE.

### **9 Interpersonal Predictors of Psychological Help-Seeking among Black Americans**

**Alex Ajayi**, *University of Minnesota*; Halle Bretz, *University of Minnesota*; Mounika Karri, *University of Minnesota*

This study investigates factors influencing psychological help-seeking attitudes among 353 Black American adults. Specifically, the impact of racial discrimination and positive social relationships, while considering gender as a moderating factor. Findings aim to enhance our understanding of how to promote more inclusive and effective mental health services for Black Americans.

### **10 Racism and Harrasment in Online Multiplayer Video Games**

**Arin Awalegaonkar**, *Depaul University*; Christine Reyna, *DePaul University*

Racial stereotypes and prejudices have spiked in the online world over the past decade. Surveying N=379 online gamers revealed that gamers were more likely to racially harass another player when they felt their status was threatened, and they were highly attached to their online identity.

### **11 Speaking-Up: Benefits of Calling-out Discrimination for Marginalized Groups**

**Kendall Holley**, *University of Wisconsin-Madison*

When witnessing discrimination, confronting a perpetrator can be costly, yet many people still do it, specifically those who share an identity with the victim. We investigated the downstream psychological consequences of bystanders who call out discrimination and found that they experience positive psychological benefits following their actions of speaking up.

### **12 Opposing Opinions are Offensive and Elicit Reactance**

**Catalina Villalpando**, *Iowa State University of Science and Technology*; Kevin Blankenship, *Iowa State University*; Jack Standefer, *Iowa State University*

We examined whether feeling offended by the opposing opinions was related to psychological reactance. Using recycling as the topic of interest, taking offense to an opposing position was positively associated with feelings of reactance, whereas participants' feelings of freedom to recycle and the attitudes' connection to the self were not.

### **13 Health Threat Effects on Social Dominance Orientation and Mitigation Support**

**Samantha Chambers**, *Loyola University Chicago*; Jeffrey Huntsinger, *Loyola University Chicago*; Eleanor Desing, *Loyola University Chicago*

The relationship of an exposure to a health threat on Social Dominance Orientation, Symbolic Ableism, and support for mitigation implementation in a hypothetical pandemic scenario is explored.

### **14 The palliative effect of system justification: a systematic review**

**Lukas Sotola**, *Iowa State University*

Studies on the association between system justification and well-being are meta-analyzed and z-curved. Find that the positive association of system justification with well-being is stronger among lower-status samples than higher-status samples. Replicability estimated at 53% for studies on the topic.

### **15 Similarity judgements: the comparison of normative predictions and**

### **subjective evaluations.**

**Magdalena Jabłońska**, *SWPS University, Warsaw*; Robert Mackiewicz, *SWPS University of Social Sciences and Humanities*; Andrzej Falkowski, *SWPS University of Social Sciences and Humanities*

We analyze how well subjective evaluations of similarity follow the normative predictions of Tversky's model of similarity. Our findings show that the model predicts well the similarity judgements of unfavorable options but not favorable ones. Subjective evaluations of positive options are also less favorable than the normative predictions.

### **16 Self-Blame Coping Predicts Somatic Symptoms in Women of Color**

Enchi Dai, *Roosevelt University*; Susan Torres-Harding, *Roosevelt University*;

**Kejuan Lin**, *Roosevelt University*; Jessica Fillak, *Roosevelt University*

Our study addressed the underexplored area of coping strategies' effects on physical health. Analyzing responses from 179 minority female university students, we found self-blame coping to be a key predictor of heightened somatic symptoms, independent of other factors. Our finding emphasizes the need for supportive interventions targeting self-blame among women of color.

### **17 A Linguistic Inquiry on Coping and Resilience Among International Students**

**Emmanuella Asiama-Sampong**, *Ball State University*; Anjolie Diaz, *Ball State University*; Thomas Holtgraves, *Ball State University*

International graduate students, from Asia and Africa, face significant challenges during their transition to U.S. academic institutions. This study employs linguistic analysis to explore their coping and resilience. Identifying linguistic disparities in coping and resilience may help to build inclusive support systems and inform policy and cultural proficiency.

### **18 Mindfulness, Mood, and Coping in Ovarian Cancer Survivors**

**Megan Noonan**, *University of Iowa*; Rachel Telles, *University of Iowa*;

Kathryn P. Pennington, *Division of Gynecologic Oncology University of Washington School of Medicine*; Bonnie McGregor, *Orion Center for Integrative Medicine*; Leslie Heron, *Green Labyrinth*; Matthew P.

Schlumbrecht, *Division of Gynecologic Oncology University of Miami*; Frank

J. Penedo, *University of Miami*; Michael J. Goodheart, *University of Iowa*;

Sharaf Zia, *University of Iowa*; Susan Lutgendorf, *University of Iowa*

Cancer survivors face significant stress affecting mood and quality of life.

This study of 164 ovarian cancer survivors explored trait mindfulness, mood,

and coping patterns. Greater mindfulness correlated with lower depression, anxiety, and better quality of life, emphasizing the potential value of mindfulness interventions for improving well-being in this population.

### **19 Gendered racial microaggressions and disordered eating habits; coping self-efficacy's role**

**Deb Esty**, *Baldwin Wallace*

Given the call for body image research to examine Black women's sociocultural contexts, this study examined racial trauma and gendered racial microaggressions as predictors of loss of control over eating, while examining if coping and body image mediated. It also looked at if efficacy influenced type of coping utilized.

### **20 Autogenous Mindfulness, Emotion Regulation, and Distress Tolerance**

**Connor O'Brien**, *University of Notre Dame*; Brooke Ammerman, *University of Notre Dame*

Research suggests mindfulness interventions promote more effective emotion regulation and distress tolerance, but mindfulness has not been well studied in non-clinical or intervention contexts. This project utilizes latent profile analysis to elucidate characteristic patterns of mindfulness, and their effect on emotion regulation and distress tolerance in a general sample.

### **21 Unveiling the Impact of Adult Emotion on Child Learning Motivation**

**Yuzhen Fu**, *University of Chicago*; Fan Yang, *University of Chicago*

This study examines how adult-expressed emotions can affect children's learning motivation. Children will indicate their interest in learning, in response to adults' expressed positive (awe and happiness), neutral, or negative (fear and sadness) emotions toward learning. The findings will have significant implications for promoting achievement motivation.

### **22 Acceptance and Commitment Therapy Effectiveness for Aviation Students**

**Hannah Johnson**, *Southern Illinois University*; Andy Wall, *Southern Illinois University - Carbondale*; Myles Arendtson, *Southern Illinois University-Carbondale*; Ella Kerr, *Southern Illinois University*; Sarah Loew, *Southern Illinois University-Carbondale*; Mike Robertson, *Southern Illinois University*; Kenneth Bro, *Southern Illinois University*; Irene Miller, *Southern Illinois University-Carbondale*

The current study is a randomized control trial of an ACT intervention targeting performance in university aviation students. Participants completed

measures pre and post-treatment on test anxiety, well-being, depression, anxiety, stress, and psychological flexibility. Analyses will be utilized to determine the usefulness and feasibility of the ACT intervention

### **23 Heat games: How temperature affects performance metrics in professional football**

**Katie Keil**, *Northwestern University*; H. David Smith, *Northwestern University*

Various social and environmental factors have been identified as contributing to the home-field advantage in professional sports. This study explains the role of temperature as a correlational variable to various performance metrics, concluding a significant relationship between temperature and home-team performance that supports the existence of a home-team advantage.

### **24 Student Teachers' Physical Health, Social Networks, and College Persistence**

**Hui Zhang**, *University of Indianapolis*; Gracy Hniang, *University of Indianapolis*; Drayden Gates, *University of Indianapolis*; Charles Matthew Stapleton, *University of Indianapolis*; John Kuykendall, *University of Indianapolis*

This study investigates the impact of student teachers' health and social networks on their persistence. Initial results suggest that student teachers' college persistence is negatively associated with their loneliness and somatic symptoms (e.g., sleep problems, back pain). Implications of supporting student teachers will be discussed.

### **25 Student Teachers' Physical Exercise, Emotional Well-Being, and College Persistence**

**Hui Zhang**, *University of Indianapolis*; Kirsten Baldwin, *University of Indianapolis*; Samantha Gibbard, *University of Indianapolis*; Joshua Dacanay, *University of Indianapolis*; Kyra Frazier, *University of Indianapolis*; Sophie Amick, *University of Indianapolis*; Kristen Doppenberg, *University of Indianapolis*; Charles Matthew Stapleton, *University of Indianapolis*; John Kuykendall, *University of Indianapolis*

The study addresses the decline in enrollment and retention of teacher training programs, focusing on student teachers' college persistence. Findings reveal that optimism and mild physical exercise, such as walking, positively impact college persistence. These results highlight the potential for interventions to improve student teachers' educational experiences and well-being.



## **26 Acculturation Stress, Resilience, and Health for Latinx Parents and Non-Parents**

**Alma Vazquez-Smith**, *University of Wisconsin, Milwaukee*; Natasha Basu, *University of Wisconsin--Milwaukee*; Norma Reyes, *University of Wisconsin-Milwaukee*; Monica Estrada, *University of Wisconsin--Milwaukee*; Toriah Haanstad, *University of Wisconsin--Milwaukee*; Alma Navarro, *University of Wisconsin-Milwaukee*; Dante Sosa, *University of Wisconsin--Milwaukee*; Elizabeth Montes, *University of Wisconsin--Milwaukee*; Gabriela Nagy, *University of Wisconsin - Milwaukee*

We explored the impact of the "Cultivating Resilience" intervention for parents vs. non-parents on the following: acculturative stress, global mental/physical health, and social support. Preliminary findings suggest potential differences in the aforementioned health indicators. Ongoing research promises insights into the benefits and areas of improvement of the intervention.

## **27 It's not the Years; it's the Mileage: Perceptions of Converts**

Doug Krull, *Northern Kentucky University*; **Elisabeth Rowe**, *Northern Kentucky University*

Participants read about two hypothetical converts to Christianity. One had a criminal background and the other did not. The convert with the criminal background was viewed as more evangelistic and participants thought that others would be more interested in investigating Christianity after learning about that convert's background.

## **28 Regulatory Flexibility Reduces Distress Associated with Social Media Addiction**

**Jacob Avendano**, *University of Toledo*; Onefuwa Akande, *University of Toledo*; Noelle Warfford, *University of Toledo*; Peter Mezo, *University of Toledo*

Regulatory flexibility provides a context sensitive framework for emotion regulation. The current study is investigating regulatory flexibility as a moderator between social media addiction and depressive symptoms. It is expected regulatory flexibility will reduce the magnitude of social media addiction and depressive symptoms.

## **29 Home Language Predicts How Well Deaf Children Learn from Mathematical Instruction.**

**Nina Semushina**, *University of Chicago*; R. Breckinridge Church,

*Northeastern Illinois University; Zena Levan, University of Chicago; Naureen Hemani-Lopez, University of Chicago; Susan Goldin-Meadow, University of Chicago*

Most deaf children are born to hearing parents with some hearing parents using sign language while others don't. Using a pretest-instruction-posttest design, deaf children were taught mathematical equivalence. Signing at home (whether parents were hearing or deaf) significantly predicted deaf children's math learning over and above age of ASL

### **30 Exploring Social Disruption and PTSD Symptoms during a Global Pandemic**

**Dhara Marquez**, *Andrews University*; Caleb Kim, *Andrews University*; Harliegh Murnin, *Andrews University*; Torrey Joo, *Andrews University*

In this study, we examined how COVID-19-related job loss, financial insecurity, confinement, social distancing, and overall life impact of the pandemic are related to peritraumatic Post-Traumatic Stress Disorder (PTSD). Point biserial correlational analysis found that social disruption was significantly related to PTSD, Criterion B, C, D, and E symptoms.

### **31 Subjective Alcohol Responses by Alcohol Use Disorder Severity**

**Riya Thomas**, *The University of Chicago*; Ashley Vena, *The Emmes Company*; Nathan Didier, *University of Chicago*; Rachel Nordgren, *The University of Chicago*; Layne Robinson, *University of Chicago*; Andrea King, *University of Chicago*

This study examined acute subjective alcohol responses in individuals with alcohol use disorder (AUD). Contrasting prevailing theories, we found that individuals with moderate and severe AUD showed heightened hedonic responses to alcohol. Results suggest that greater AUD severity could be associated with amplified responses to alcohol's stimulating and rewarding effects.

### **32 Politics and the Belief in Pseudoscience and Conspiracies**

**Steven J. Hoekstra**, *Kansas Wesleyan University*

The present study shows relationships between political ideation/affiliation and a variety of beliefs, such that Republicans/Conservatives tend to endorse conspiracy and conservative theology beliefs while Democrats/Liberals show stronger tendencies toward scientific knowledge and values. There were no differences in pseudoscience or paranormal beliefs, although Democrats reported more paranormal experiences.

### **33 Religious Experience and the Belief in Pseudoscience**

**Steven J. Hoekstra**, *Kansas Wesleyan University*

The relationship between religious belief and belief in the supernatural, paranormal, scientific and pseudoscientific is complex. The present study found religion to more strongly relate to supernatural and paranormal beliefs and rejection of science than to belief in pseudoscientific phenomena. Personal experiences with the supernatural also impact belief.

### **34 Exploratory Factor Analysis of Job Satisfaction Among Student Workers**

**Regina Jackson-Ezell**, *Andrews University*; Jerry Chi, *Andrews University*

The initial problem is to see if the questions asked in a survey conducted on student worker job satisfaction are understandable and align with the format used for survey takers to follow. The research purpose is to conduct a survey on student worker pay satisfaction, supervisor satisfaction and job satisfaction.

### **35 Microinclusions: Characterizing Supports for School Belonging in High School**

**Natalia Ramos**, *Washington University in St. Louis*; Langdon Janos, *Washington University in St. Louis*; Anna Freeman, *Washington University in St. Louis*; Maegan Ruiz, *Washington University in St. Louis*; Chris Rozek, *Washington University in St. Louis*

In a large sample of students, we coded their responses to an open-ended question to learn about when and where school belonging is supported in their experiences. Student responses highlighted specific shared activities, such as participating in sports teams, attending school events, feeling school pride, and peer and friend relationships.

### **36 When I Don't Belong: Assessing Threats to School Belonging Among Adolescents**

**Hailey Margulies**, *Washington University in St. Louis*; Mia Burkholder, *Washington University in St. Louis*; Julian Trejo, *Washington University in St. Louis*; Maegan Ruiz, *Washington University in St. Louis*; Chris Rozek, *Washington University in St. Louis*

A sense of belonging in school is critical for adolescents' academic success and well-being. Our large-scale, qualitative study identifies when students don't feel a sense of belonging. Our findings are important because they identify areas on which schools can focus to improve student belonging.

### **37 What's in a Name? Abortion and the Identifiable Victim Effect**

Doug Krull, *Northern Kentucky University*; Sarah Krull, *Villanova University*

People are more helpful when victims are identifiable. This study explored judgments about abortion. Participants read scenarios about named versus unnamed unborn children. In general, participants were less favorable toward abortion in the name condition, particularly when the unborn child was expected to have a disability.

### **38 ACT Psychoeducation Exposure Reduces Mental Health Stigma in Veterinary Teams**

Kylie Gannon, *Kent State University*; Elizabeth Cousins, *Kent State University*; Mary Beth Spitznagel, *Kent State University*; Chris Was, *Kent State University*

The use of Acceptance and Commitment Training targeting response to difficult client interactions was examined in 143 veterinary healthcare professionals to determine if psychoeducation reduced mental health stigma. Participants randomly assigned to psychoeducation demonstrated lower mental health stigma compared to baseline and a control group.

### **39 Lethal Means Safety Practices for Veteran Health Administration Patients**

Amber Singh, *Department of Veterans Affairs*; Terri Julian, *Office of Inspector General, Department of Veterans Affairs*

Approximately 17 veterans die by suicide each day, 69 percent from self-inflicted firearms injury. The VA Office of Inspector General analyzed patient records and survey data to evaluate lethal means safety practices. We identified deficiencies in safe firearms storage discussions and barriers to clinicians' discussing firearms access and safe storage.

### **40 Systematic Review of the Methodology of Coping Profiles**

João Paulo Teixeira Antunes, *University of Algarve*; Addison Helsper, *Ball State University*; Hannah Faiman, *University of South Dakota*

This review critically examines person-centered coping research, highlighting methodological challenges like generalizability and subjective interpretation. A systematic search yielded articles for analysis, focusing on methodologies, coping scales, and terminology. Findings will inform future research and interventions, addressing the complexity of individual coping mechanisms and their implications for well-being.

#### **41 The Role of Graphs in Confidence about Consistency Decisions**

**Candice Burkett**, *University of Indianapolis*; Nicholas Wood, *University of Indianapolis*; Paisley McFarland, *University of Indianapolis*; Thomas Largent, *University of Indianapolis*; Amaya Stowers, *University of Indianapolis*

Literature consistently demonstrates that learners are overconfident but neglects to investigate confidence in text/graph comparison-based decisions. This project demonstrates that graph literacies and density, but not decision accuracy predict confidence in consistency decisions for contradictory text/graph pairs. Findings highlight the roles graph features and literacy play in multiple representation evaluation.

#### **42 Inserting Quiz Questions into a Lecture Enhances Online Learning**

**Zohara Assadipour**, *Iowa State University*; Dahwi Ahn, *Iowa State University*; Hymnjyot Gill, *Toronto Metropolitan University*; Karl Szpunar, *Toronto Metropolitan University*; Jason C.K. Chan, *Iowa State University*

We investigated the impact of interpolated test frequency on student learning from an online lecture. University and community college students watched a lecture and were intermittently presented with test questions or review slides at a low or high frequency. Testing, regardless of frequency, enhanced learning.

#### **43 Examining Parent Mental Health, Stress Responses, and Infant Affect Reactivity**

**Hailey Borges**, *Western Kentucky University*; Diane Lickenbrock, *Western Kentucky University*; Alyssa Swift, *Western Kentucky University*; Logan Rios, *Western Kentucky University*

Longitudinal associations between parental mental health, stress responses (respiratory sinus arrhythmia, RSA), and infant affect reactivity with mothers and fathers were examined. Mother well-being and RSA predicted infant positive affect. Father social anxiety and RSA predicted infant negative affect. Findings suggest differential predictors of infant affect reactivity between parents.

#### **44 Examining Individual Differences in Infant Regulation with Mothers and Fathers**

**Alyssa Swift**, *Western Kentucky University*; Diane Lickenbrock, *Western Kentucky University*; Logan Rios, *Western Kentucky University*; Hailey Borges, *Western Kentucky University*

Individual differences in regulatory capacity emerge during infancy (Planalp & Braungart-Rieker, 2015). The current longitudinal study examined associations between infant behavioral inhibition, autonomic reactivity, and regulatory behaviors with parents. Findings revealed that behaviorally inhibited infants differentially relied on internal and external regulatory strategies with mothers and fathers during stress.

#### **45 Associations Between Parental Involvement, Psychopathology, and Infant Negative Reactivity**

**Logan Rios**, *Western Kentucky University*; Diane Lickenbrock, *Western Kentucky University*; Alyssa Swift, *Western Kentucky University*; Hailey Borges, *Western Kentucky University*

Infants exposed to high levels of parent conflict and psychopathological symptoms are at a heightened risk for increased negative reactivity. This longitudinal study examined associations between discrepancies in reports of involvement, depressive/anxiety symptoms, and infant negative reactivity. Findings revealed differential predictors of infant negative reactivity with mothers and fathers.

#### **46 Mental Health Excuses and Judgements of Responsibility/Control**

**Megan Stricker**, *DePaul University*; Sydney Majka, *Ball State University*; Mary E. Kite, *Ball State University*; Salvester Zalzana, *Ball S*

People use excuses to preserve a positive image. We examined whether using a mental health condition as an excuse is effective in reducing perceptions of responsibility and control. Non-significant results suggested the excuse-maker is seen as having the same amount of responsibility and control, regardless of the excuse.

#### **47 Sexual Orientation and Microaggressions Among Black Women in Milwaukee**

**Betsy Miller**, *Marquette University*; Atiera Hoemke, *Marquette University*; Ashley Dirkmaat, *Marquette University*; Siani Brown-Carr, *Marquette University*; Ed de St. Aubin, *Marquette University*

Black sexual minority women face complex forms of discrimination. For example, Gendered Racial Microaggressions (GRMS) are associated with negative wellbeing outcomes. We examined whether sexual orientation significantly predicted GRMS among Black women in Milwaukee. Our findings indicate that age is a significant covariate and should be considered in future research.

#### **48 The Relationship Between Working Memory and Loneliness Among College Students**

**Victor Hernandez**, *University of Illinois At Chicago*; Marina Ridchenko, *University of Illinois at Chicago*; Kara Morgan-Short, *University of Illinois Chicago*

Loneliness has shown to have a negative relationship with working memory, particularly in older adults. We have assessed loneliness levels and working memory among college age participants. Results showed a weak negative correlation that was not statistically significant, although it was of a similar effect size to previous research.

#### **49 Using Metacognition to Increase the Predictive Validity of Self-Compassion**

**Lorena Moreno**, *Universidad Autónoma de Madrid*; Pablo Brinol, *Ohio State University / Universidad Autonoma Madrid*; Borja Paredes, *Universidad Autónoma de Madrid*; David Santos, *Universidad Autónoma de Madrid*; Richard Petty, *Ohio State University, Columbus*

We examine how metacognitions can be used to increase the predictive validity of self-compassion. Results revealed that self-compassion (whether measured or manipulated) had a stronger effect on relevant outcomes when perceived validity was high rather than low.

#### **50 Social Emotional Learning in Children’s TV Shows Across Streaming Services**

**Elayne Vollman**, *Lake Forest College*; Fashina Alade, *Michigan State University*; Rachel Flynn, *San Francisco State University*; Sarah Pila, *Northwestern University*; Emilee Allsbury, *Lake Forest College*; Emily Alejandro, *Lake Forest College*; Jia Zheng, *Lake Forest College*

This content analysis examines the social emotional learning (SEL) skills that are featured in preschool television shows. Sixty shows were coded for SEL skills like naming one’s emotions, cooperating or helping, and resolving conflict, as well as how they are taught and who is modeling the skill.

#### **51 Cluster Guidelines for Sufficient Power in Dyadic Multilevel Research**

**Alison Winiarski**, *Ball State University*; Jocelyn Bolin, *Ball State University*

The current study intends to establish cluster size guidelines for dyadic multilevel data based on power through a Monte Carlo simulation study. Knowing the number of clusters needed for sufficient power in a multilevel

dyadic analysis depending on ICCs and type of analysis utilized will be essential for quality research.

### **52 Do Memory-Dependent Viewing Effects Require Awareness?**

**Dana Slabbekoorn**, *University of Wisconsin - Milwaukee*; Deborah Hannula, *University of Wisconsin - Milwaukee*

Eye movements can reveal memory for scene-object associations. This study examines whether participants must explicitly identify a scene change in order to show a memory-based viewing effect, which remains a contentious issue in the literature. We look specifically at the relationship between manipulation type, awareness, and eye-movement behavior.

### **53 Coping Strategies and Resilience among Sexual Minorities of Color**

**Alex Ajayi**, *University of Minnesota*; Paul Krenik, *University of Minnesota*

This study explores the impact of minority stress on sexual minorities of color, highlighting how they cope with identity-based social stressors. Findings reveal diverse coping strategies, including avoidance, seeking social support, impression management, and self-empowerment. These insights can inform targeted interventions for individuals with dual minority identities.

### **54 Consistency of Handedness and the Own-Race Bias**

**Raymond Voss**, *Purdue University - Fort Wayne*; Ryan Corser, *Vanderbilt*; Stephen Prunier, *Ivy Tech*; John Jasper, *University of Toledo*

This study investigated handedness and the own-race bias. Inconsistently handed individuals show more hemispheric integration which should lead to less of an own-race bias. Participants were shown cross-race and own-race targets and then were asked to identify them in a sequential line-up. The results generally support the hypothesis.

### **55 Suspicion Based on Perceived Criminality**

**Keathun Cunningham**, *Ohio State University*; Steve Spencer, *The Ohio State University*

In this research we explore the aversive racism hypothesis where we look at how people use the incarcerated background of an individual as an excuse to be prejudiced when evaluating them. Further we will look at how moral credentialing offers an additional psychological mechanism through which people exhibit such prejudice.

### **56 Anti-LGB Prejudice Shifts Linked to Ingroup Identity Salience Shifts, Temporally**



**Jesus Godina**, *Saint Xavier University*; Dayanna Gonzalez, *Saint Xavier University*; Bryana Mendez, *Saint Xavier University*; Angela Pirlott, *Saint Xavier University*

Our affordance management approach proposes that if LGBs are perceived to undermine ingroup cohesion by those motivated to maintain ingroup functioning, and national trends in the salience of ingroup identity have been decreasing over time, then prejudices toward LGBs should likewise be decreasing over time, which our research supports.

### **57 Using Podcasts to Communicate General Psychology Content**

Mario Baldassari, *University of Saint Francis*; **Chloe Carmean**, *University of Saint Francis*; Anna Munson, *University of Saint Francis*

Conversational podcasts are a popular form of media. There could be a range of benefits to memory if an instructor replaced lectures with podcast-style content (Alea et al., 2019; Bohanek et al., 2009). We will report an experiment testing lecture videos against podcast-style videos for two introductory psychology topics.

### **58 Children's Control over and Awareness of their own Rehearsal**

**Maggie Sackinsky**, *Boys Town National Research Hospital*; Angela AuBuchon, *Boys Town National Research Hospital*; Rebecca Wagner, *Pennsylvania State University*

The study examined how rehearsal affects children's memory. Four-year-old children relied primarily on fixed rehearsal, while older children used more cumulative rehearsal. Accuracy was higher on trials when children self-generated cumulative rehearsal, whether that rehearsal was spontaneous or instructed, offering insights for supporting children with memory issues and neurodevelopmental diagnoses.

### **59 Temporal Fluctuations in Religious Identity Drive Fluctuations in Anti-LGB Prejudice**

**Dayanna Gonzalez**, *Saint Xavier University*; Jesus Godina, *Saint Xavier University*; Bryana Mendez, *Saint Xavier University*; Angela Pirlott, *Saint Xavier University*

Our affordance management approach proposed that if LGBs are stereotyped to undermine the religious ingroup and the national trend of religiosity has declined over time, then anti-LGB prejudices should likewise be decreasing, which our research supports.

### **60 Temporal Changes in Anti-LGB Prejudices Linked to Parenting**

## **Changes**

**Bryana Mendez**, *Saint Xavier University*; Dayanna Gonzalez, *Saint Xavier University*; Jesus Godina, *Saint Xavier University*; Angela Pirlott, *Saint Xavier University*

Our affordance management approach proposes that if LGBs are stereotyped to adversely affect children by parents, in particular, and the national trend of parenting has declined over time, then anti-LGB prejudices should likewise be decreasing, as our research supports.

## **61 When Racial Attitudes Take Flight: Passenger Perceptions Toward Airline Employees**

**Katie Sartori**, *University of Wisconsin- La Crosse*

I hypothesize that participants will hold more negative implicit attitudes toward Black male airline employees than toward White airline employees and they will rate Black male airline employees lower in competence and warmth compared to White airline employees. This research has implications for better understanding prejudice in the airline industry.

## **62 Perceptions about Women Leaders: Pictures, Labels, and Leader's Ethnoracial Groups**

**April Yancey**, *The University of Texas at San Antonio*; Michael Baumann, *The University of Texas at San Antonio*

Leadership research has shown stereotypes about men more closely resemble stereotypes about leaders than do stereotypes about women. However, relatively little work has explored differences in stereotypes elicited by pictures versus labels or the ethnoracial group of the woman pictured / described. Our experiment found significant effects of each.

## **63 The right person for the job? Students' perceptions of professors**

**Jenna Pfeiffer**, *Simpson College*

We seek to examine perceptions of professors. This is a  $2(\text{Man} \times \text{Woman}) \times 2(\text{Chemistry} \times \text{Sociology})$  between groups design. We expect men in chemistry to be perceived more favorably than men in sociology; whereas we expect women in sociology to be perceived more favorably than women in chemistry.

## **64 Exploring the effectiveness of supported police reform policies**

**Christina Carr**, *DePaul University*

Using a mixed-method approach to study police reform, we surveyed a nationally representative sample to explore attitudes of agreeableness on

police reform policies and completed an analysis of the literature on the effectiveness of these policies. Polices with shared consensus and effectiveness are the most impactful for addressing social injustices.

### **65 The Impact of Demographic Factors on Youth Thin-Slice Judgements**

**Angel Ciccarelli**, *Cleveland State University*; Kathleen Reardon, *Cleveland State University*

This study examines the impact of demographic characteristic on youth thin-slice judgments. After watching 3 minute videos of youth conducting tasks, young adults provided their first impressions of the youth's personality and psychopathology traits. Results found correlations between gender, attractiveness, intelligence, likeability, and CU traits. There were no correlations with race.

### **66 Analyzing Trauma History and Trauma Ranking of Written Scenarios**

**Isabelle Watters**, *Avila University*; Jordan R. Wagge (She/Her/Hers), *Avila University*

Understanding the impact of past traumatic experiences is vital. Emerging research explores how trauma may impact empathetic capacities, with mixed results. This study will employ secondary data analysis to assess whether prior trauma influences how traumatic individuals rank written scenarios, considering potential heightened emotional sensitivity due to potentially greater empathy.

### **67 Exploring the Relationship between Psychological Flexibility and Trauma Symptom Severity**

**Samantha Kollmeyer**, *Missouri State University*; Dana Paliliunas, *Missouri State University*

We examined whether psychological flexibility and/or inflexibility are related to trauma symptom severity, and whether either serves as a mediator in the relationship between type of trauma and symptom severity. Additionally, convergent validity of the AAQ-II, a measure of inflexibility used to explore this relationship in previous research, is examined.

### **68 Consumer Decision-Making: Relative Influence of Language and Dual-Task Paradigms**

**Mallory Fogus**, *DePaul University*

When explanations and assurances are present, consumers are more likely to sign problematic contracts. These language components are even more

effective when consumers are distracted. The type of dual-task (distraction) did impact the extent that problematic contracts were accepted, such that more intensive/demanding dual-tasks increased problematic contract acceptance.

### **69 Social-Media based Diagnosis: Psychoeducation or psychogenic epidemic?**

**Kerri Bradley-Ronne**, *The Chicago School of Professional Psychology*; Daniela Alfonso Rodriguez, *The Chicago School*; Evan Fisher, *The Chicago School*; Jaime Langosch, *The Chicago School*; Annabelle Lawrence, *The Chicago School*; Lailani Mercado, *The Chicago School*; Angabin Naqvi, *The Chicago School*

Participants were surveyed about their belief that they, or someone they knew, had a mental illness after viewing information about mental illness on social media. A surprising number subsequently sought evaluation and received the diagnosis they had expected based on viewing social media, despite questioning the accuracy of the information.

### **70 Risk and Protective Factors of PTSD Symptom Severity amongst Veterans**

**Kailyn Bare**, *DePaul University*; Brian Ramanauskas, *Chicago School of Professional Psychology*; Nataliya Turchmanovych-Hienkel, *Illinois Institute of Technology*; Jason Soble, *University of Illinois at Chicago*

Veterans frequently experience post-traumatic stress disorder (PTSD) following deployment. In this study, deployment conditions, such as quality of life, feelings of safety, and adequacy of resources, as well as post-deployment social support were found to influence PTSD severity. Social support also emerged as a protective factor in this relationship.

### **71 Stress type impacts cortisol reactivity in middle-to-older adults**

**Sara McMullin**, *Webster University*; Alyssa Lyell, *Webster University*; Tony Buchanan, *Saint Louis University*

Life stressors significantly impact mental and physical health, particularly cortisol dysregulation, affecting cardiac and immune functions. A study with adults aged 45-85 explored how various stress types influence cortisol responses to stress. Health, relationships, and loss led to a hypoactive cortisol reaction, potentially contributing to health issues in later life.

### **72 The Social, Professional, and Psychological Effects of COVID-19 on Nurses**

**Katrina Spontak**, *University of Indianapolis*; Michael Poulakis, *University of Indianapolis*

Prior research focuses on the early impact of the COVID-19 pandemic, with few studies examining continual effects. This study utilizes Consensual Qualitative Research (CQR) methods to examine nurses' experiences over the past three years. We consider social, professional, psychological, and physical factors for insight into ongoing effects and future outbreaks.

### **73 Asian Collective Action and Salient Racial Discrimination**

**Tatum Leclair**, *Loyola University Chicago*; Robyn Mallett, *Loyola University Chicago*

We replicated typical SIMCA associations between anger, efficacy, and collective action, but not identity, among Asian people in the US. Manipulating the salient target of racial discrimination (ingroup, outgroup, both groups) did not affect collective action, perhaps due to the use of a historical manipulation rather than measuring personal experiences.

### **74 Self-Presentational Concerns after a Getting-Acquainted Interaction**

**Susan Sprecher**, *Illinois State University*; Carlos Morn-Torn, *Illinois State University*; Lily Hoveke, *Illinois State University*; Nolan Herman, *Illinois State University*; Sarah Galati, *Illinois State University*; Kaysee O'Gara, *Illinois State University*; Audrey Strain, *Illinois State University*; Rory Kuhn, *Illinois State University*

Members of dyads engaged in a getting-acquainted interaction experienced moderate self-presentational concerns (SPC) after the interaction. SPC was greater for those who were shy and had insecure attachment styles. How the dyads communicated (face-to-face vs. over video) and the intimacy of their getting-acquainted task did not affect their SPC.

### **75 Evaluating Unwanted Intrusive Thoughts and OCD Symptoms in India**

**Kelechi Uzoegwu**, *Miami University*; Mohd Afsar, *Christ University Delhi NCR campus*; Hiba Dedmari, *Miami University, Ohio*; Vaishali Raval, *Miami University*

We aim to assess the relation between unwanted intrusive thought misappraisals and obsessive-compulsive symptoms in India, and to examine the influence of relevant cultural factors (i.e., gender identity, religiosity, and inclusion of others in one's definition of self) as possible moderating factors of this relationship.

## **76 The Effect of Parental Psychopathology on Emotional Regulation Capabilities of College Students**

**Kaetlyn Conner**, *Kent State University*; Sarah Black, *Kent State University*  
The study aims to research emotional regulation difficulties among emerging adults with a history of parental psychiatric disorders. Results suggest that exposure to parental mental illness during childhood seems to primarily impact internal dysfunction of emotional regulation irrespective of the sex of the parent.

## **77 Doctor-Patient communication and shared decision making with high-risk patients**

**Cassandra Gedeon**, *University of Wisconsin-Madison*; Thorunn Thordardottir, *University of Wisconsin-Madison*; Rachel Rodenbach, *University of Wisconsin-Madison*; Toby Campbell, *University of Wisconsin-Madison*; Markus Brauer, *University of Wisconsin-Madison*  
In this study, we investigate healthcare disparities by analyzing doctor-patient interactions in high-risk myeloid cancer cases. Our preliminary findings highlight disparities in interaction length, language use and conversation structure based on patient race, revealing critical insights into healthcare inequalities.

## **78 Mathematics sense of belonging and attitudes among gender-diverse college students**

**Kaitlyn Brown**, *University of Kentucky*; Giulia Borriello, *Kent State University*; Sanjana Rahman, *University of Kentucky*; Jack Schmidt, *University of Kentucky*; Chloe Wawrzyniak, *University of Kentucky*; Matthew Kim, *University of Kentucky*; Cindy Jong, *University of Kentucky*; Benjamin Braun, *University of Kentucky*; Pooja Sidney, *University of Kentucky*  
This study sheds light on transgender and nonbinary college students' ( $N=38$ ) experiences in mathematics courses by documenting students' sense of belonging and attitudes in mathematics, expanding inclusionary practices. The students felt they belong in mathematics classrooms, though most did not perceive belongingness within broader mathematics communities.

## **79 Identity, Empathy, and Sociopolitical Development among Black and Latine Youth**

**Maria Radulescu**, *Loyola University Chicago*; Zahra Naqi-Hasnain, *Loyola University Chicago*; McKenzie Gallivan, *Loyola University of Chicago*; Lucy Milton, *Loyola University of Chicago*; Sabine Fiore, *Loyola University of*

*Chicago*; Christine Li-Grining, *Loyola University Chicago*; Amanda Roy, *University of Illinois- Chicago*

The current study examined whether empathy explained the linkage from ethnic-racial identity to sociopolitical development among youth from racially and ethnically minoritized backgrounds. Empathy served as a mediator of pathways from different aspects of youth's ethnic-racial identity to their sense of sociopolitical efficacy, system justification beliefs, and perceptions of inequality.

### **80 Proximal Suicide Risk Among Adults in India: Daily Diary Study**

**Nikhil Singh**, *Miami University of Ohio*; Vaishali Raval, *Miami University*; Nadia Al-Dajani, *University of Louisville*; Elizabeth Thomas, *Christ University in Bangalore, India*

In this study, we plan to explore the feasibility and acceptability of the EMA-based smartphone application KoBoToolbox (KoBo) for assessing suicidal thoughts among an at-risk emerging adult sample in India. Secondly, we will explore the potential relationship between participants' self-reported suicidal ideation and daily stressors.

### **81 Integrating Elements of Curanderismo into Psychotherapy with Latine Clients**

**Daniella Sanchez**, *The Chicago School*

Increasing cultural competence, such as knowledge of Latine culture and Curanderismo, a folk healing practice, can help decolonize Western psychology by incorporating multicultural methods into specific techniques. This grounding theory aims to explore how Latine clinicians incorporate curanderismo and how it can be integrated when working with Latine clients.

### **82 Emotional Talk in Latino Father-Daughter Dyads and Mental Health Outcomes**

**Lupita Morales Aguilar**, *University of Iowa*

This study explores emotional talk within 33 Latino father-daughter dyads, examining negative emotional discourse by fathers about their daughters and its relations to daughter mental health. We expect potential correlation with daughters' anxiety and depression levels, contributing to a broader understanding of emotional dynamics in father-daughter relationships among Latinos.

### **83 Lexile Levels in School-Based Social-Emotional Assessment Development**

**Sarah Van Valkenburg**, *Rush University Medical Center*; Nicole Russo-Ponsaran, *Rush University Medical Center*; Matthew Wronski, *Rush University Medical Center*; Ashley Karls, *Rush University Medical Center*; Noah Parker, *Rush University Medical Center*; Clark McKown, *Rush University Medical Center*

Social-emotional assessment developers should account for variable reading levels when creating content. Using an iterative process, and guided by Lexile levels, we describe item development for a middle school social-emotional competence assessment. After revisions, all content achieved a third-grade reading level, thus limiting any influence of lower reading ability.

#### **84 Attachment Styles and COVID-19**

**Colin Goebel**, *College of DuPage*; Kenneth Gray, *College of DuPage*

Due to COVID-19, many individuals were at some point under various social-distancing orders and lockdowns that caused isolation, mental health concerns, and relational stress. We set out to investigate the association between attachment styles, mental health outcomes, and usage of mental health services during COVID-19.



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**MPA Invited Presidential Address**

**Functional Reorganization of Large-Scale Networks in the Adult Brain:  
Implications for Cognitive Decline**

**Ruchika Prakash**

*The Ohio State University*

Friday, April 19 | 1:00 PM-2:15 PM

Wilson

Moderator: Kathy Sexton-Radek, Elmhurst University

The adult brain undergoes substantial adaptations with age, supported by two decades of research that consistently highlights changes in the hierarchical and multiscale organization of the human brain. These changes play a pivotal role in cognitive decline. In this presentation, leveraging advancements in network neuroscience approaches to studying the human connectome, I will present recent research from our lab. This research establishes whole-brain metrics of functional connectivity as key predictors of age-related cognitive decline. Additionally, our findings reveal that various demographic, cardiovascular, psychosocial, and metabolic factors influence on these connectome-based metrics.

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**Professional Development Session**

Friday, April 19 | 1:00 PM-1:50 PM

Salon 10

**1:00 PM The Curious Case of Childhood Trauma: Playgrounds to Prison Grounds**

**Sheryl Dixon**, *Capella University*

This journey into psychology's quirky side reveals the link between childhood trauma and adult criminal behavior. Uncover how scraped knees and bedtime frights could steer the path to adult delinquency, all in a humorous and thought-provoking nutshell. Real-life stories illuminate the intricate link between early-life experiences and later-life choices.

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## **Assessing Risk for Posttraumatic Stress Disorder Tailored to Specific Populations**

Friday, April 19 | 1:00 PM - 2:50 PM

Salon 1

Traumatic experiences can lead to a range of reactions, from resiliency to negative mental health outcomes like posttraumatic stress disorder (PTSD). Understanding which groups are most at risk for PTSD and identifying risk factors specific to particular populations is critical for allocating resources to connect at-risk individuals and groups to mental health services following trauma exposure. This symposium presents findings on screening and assessment of PTSD relevant to identifying risk for adverse outcomes in different populations (adults, children, youth with complex health needs, people of color) exposed to trauma. The first study examines a common assessment of PTSD symptom severity and the strengths and limitations of measuring the dimensions of PTSD in a non-clinical sample of young adults. The second study investigates assessment for PTSD in trauma-exposed children using competing models of PTSD (DSM-5 and ICD-11); implications for measure selection for researchers and clinicians will be discussed. The third study demonstrates that youth with complex health needs show increased vulnerability to PTSD compared to youth without; risk factors unique to this population are characterized. The fourth study explores risk and protective factors for people of color following trauma exposure, including the role of ethnic identity as an intergenerational protective factor.

### **PCL-5 Factor Structure Invariance in a Young Adult Sample**

SIRINE HARMOUCH, University of South Dakota, NISHAN DHUNGEL, Rutgers University, BRIANNA M. BYLLESBY, University of South Dakota

### **Assessing Posttraumatic Stress Disorder in Children: DSM-5 versus ICD-11 Models**

BREANNE A. DANZI, University of South Dakota, ELLEN A. KNOWLES, University of South Dakota, RACHEL C. BOCK, University of South Dakota

### **Complex Health Needs in Youth: Risks, Vulnerabilities, and Mental Health**

JESSICA T. KELLY, University of South Dakota, BREANNE A. DANZI,  
University of South Dakota

**Identifying Risk and Protective Factors for Disaster-Exposed Families of Color**

ELLEN A. KNOWLES, University of South Dakota, BREANNE A. DANZI,  
University of South Dakota

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**Divided: Open-Mindedness and Dogmatism in a Polarized World**

Friday, April 19 | 1:00 PM - 2:50 PM

Salon 6/7

If you tune into televised newscasts or read any newspaper, it is impossible to ignore the increased polarization of political discussion. Empirical research documents this increase in social and political polarization. Polarization is not completely undesirable. Differences between groups can contribute to a vibrant democratic life (Kameda & Tindale, 2006). However, polarization can also produce sub-optimal decision-making, decreased cooperation, and other dysfunctional outcomes (Paluck, 2010). Extreme polarization is exacerbated by dogmatic or closed-minded thinking that fails to openly consider opposing viewpoints, as well as low levels of intellectual humility in which people rarely consider the possibility that their beliefs and opinions might be fallible (Krumrei-Mancuso, & Newman, 2020). Bringing together a diverse group of psychologists and communication scholars who investigate dogmatism and open-mindedness within social and political contexts, this symposium covers a wide range of topics. These include the emergence of affective polarization, how open-mindedness relates to attitude formation and change, the link between intellectual humility and open-mindedness, and how social norms and situations shape open-mindedness. This symposium increases understanding of open-mindedness and dogmatism, illuminates the nature of polarization, and provides clues regarding how one might attempt to reduce pernicious forms of polarization.

**Fear and Loathing in American Politics: Overview of the Literature**

SHANTO IYENGAR, Stanford University

**Openness and Persuasion: Multiple Processes, Meanings, and Outcomes**  
PABLO BRINOL, Universidad Autónoma de Madrid, RICHARD E. PETTY,  
Ohio State University

**Situation-Specific Open-Minded Cognition**  
VICTOR OTTATI, Loyola University Chicago, CHASE WILSON, Indeed,  
DEVON PRICE, Loyola University Chicago, YELYZAVETA DISTEFANO,  
Loyola University Chicago, FRED B. BRYANT, LUC

**Psychological Mechanisms that Contribute to Intellectual Humility**  
RICK H. HOYLE, Duke University, ERIN K. DAVISSON, Duke University

**Who's More Dogmatic: Liberals, Conservatives, or Extremists?  
Reconciling Conflicting Findings**  
CHADLY STERN, University of Illinois Urbana-Champaign, BENJAMIN  
RUISCH, University of Kent

**Persistent Problems with Conceptualization, Measurement, and Study of  
“Left-Wing Authoritarianism”**  
BENJAMIN A. SAUNDERS, Long Island University – Brooklyn, JOHN T.  
JOST, New York University



**Invited Symposium**  
**“Giving Psychology Away” to the Public in the 21st Century**

Friday, April 19 | 1:00 PM - 2:50 PM Crystal  
Organizer: Eric Wesselmann, Illinois State University

Psychology organizations actively encourage psychologists to communicate expertise to businesses, lawmakers, and the public. Public communication and advocacy can take various forms, with advances in technology providing new opportunities every day. This symposium involves panelists from multiple areas of psychology, each of whom have diverse experiences ranging from consulting, social justice advocacy, popular press, media appearances, public forum presentations, and social media engagement. Panelists will

provide examples of using psychological expertise to make public impacts and hopefully inspire attendees to create new avenues of future engagement.

APRYL ALEXANDER, University of North Carolina – Charlotte  
SHIRA GABRIEL, State University of New York – Buffalo  
VANESSA HINTZ, Carroll University  
J. SCOTT JORDAN, Illinois State University  
TRAVIS LANGLEY, Henderson State University  
JUSTIN LEHMILLER, Sex and Psychology

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## Attention and Memory

Friday, April 19 | 1:00 PM-2:50 PM

Salon 12

Moderator: Chris Was (Kent State University)

### 1:00 PM Remembering in the Real World

**INVITED SPEAKER: Hongmi Lee, *Purdue University***

I study how the human brain stores and recalls memories for naturalistic experiences. Using functional neuroimaging with self-guided tasks such as free narrated recall, I demonstrated that the structure of connections and disconnections between real-world events shapes the neural and behavioral signatures of memory and spontaneous thought.

### 1:30 PM Predictors of Attitudes about Autism Spectrum Disorder

**Claire Sullivan, *Illinois Institute of Technology***

Little research has explored college student's attitudes towards ASD, specifically the predictors of such attitudes. This paper identified four influential predictors (race, knowledge about ASD, SES, and area of study) of attitudes towards ASD, and determined the extent to which these attitudes impact college determination by students with ASD.

### 1:45 PM The Effects of Attention Contagion on TUT During Virtual Lectures

**Michael McHale, *Kent State University***

Social contagion has been thoroughly explored, but until recently, the cognitive aspects have remained unstudied. The current study asks the

following questions: does TUT spread among students within virtual lectures and do students' attention states impact classmates' learning? The data indicate that attention contagion significantly influences TUT rate, but not learning.

### **2:00 PM Attentional Blink Response Errors: Delayed Attention, Illusory Conjunctions, or Guessing?**

**Matthew Junker**, *Southern Illinois University*; Reza Habib, *Southern Illinois University Carbondale*

Accounts of errors during the attentional blink vary according to how targets are defined. The present experiments demonstrate that target-defining features and presentation rate influence confidence in errors during a two-target RSVP task. Results suggest that explanations of errors (e.g., illusory conjunctions or delayed attention) should critically consider stimulus features.

### **Bias toward LGBTQ Individuals**

Friday, April 19 | 1:00 PM-2:50 PM

Salon 5/8

Moderator: Russ Webster (Penn State Abington College)

### **1:00 PM Assessing Application of Stereotypes to Cisgender, Transgender, and Nonbinary Individuals (WITHDRAWN)**

**Gina Paganini**, *University of Denver*; Adele Weaver, *University of Rhode Island*; Mollie Ruben, *University of Rhode Island*; Vani Mathur, *Texas A&M University*; E. Paige Lloyd, *University of Denver*

We assessed stereotypes of cisgender men/women, transgender men/women, and nonbinary individuals. Negative stereotypes associated with gender-diversity or with femininity tended to be applied more strongly to transgender and nonbinary individuals compared to cisgender individuals. This work suggests that a range of negative stereotype content may disadvantage gender-diverse individuals.

### **1:15 PM Lay Evaluations of Dubious Expert Claims about Transgender Care**

**Quinnehtukqut McLamore**, *University of Missouri at Columbia*; Laura King, *University of Missouri, Columbia*; Madhwa Galgali, *University of Missouri - Columbia*; Catherine Wall, *Virginia Commonwealth University*

Participants were measured before and after exposure to anti-trans disinformation from alleged experts (both formal and lived experience). Contrary to theoretical expectations, perceived expertise did not affect trust in

disinformation, but disinformation exposure alone promoted greater conspiracy endorsement and inaccuracy about transgender youth care.

### **1:30 PM Underlying Reasons for Opposition Against Trans-Inclusive Policies in Sports**

**Heejoo Chung**, *Purdue University*; **Thekla Morgenroth**, *Purdue University*  
We examined the stated and underlying reasons for opposition against trans-inclusive sports policies. A study among 710 cisgender adults in the US revealed that while opponents stated that their position on trans-inclusive policies are based on concerns about fairness, it was negatively biased attitudes toward transgender people that predicted opposition.

### **1:45 PM Demographic Increases in LGBT Americans Increase Symbolic Threat**

**Cameron Mackey**, *Ohio University*; **Kimberly Rios**, *University of Illinois at Urbana-Champaign*

Across four studies, we found that demographic increases in the LGBT community increase perceptions of realistic and (more robustly) symbolic threat and consequently predict greater anti-LGBT prejudice, even when controlling for political orientation. Theoretical and practical implications for addressing this demographic trend will be discussed.

### **2:00 PM Mediators of Perceptions of Vegans as Queer**

**William Silvia**, *University of Illinois Urbana-Champaign*; **Maya Aloni**, *Western Connecticut State University*; **Kimberly Rios**, *University of Illinois at Urbana-Champaign*

Vegans are stereotyped as being effeminate and politically liberal. Gay men are similarly stereotyped to be effeminate, while queer people in general are stereotyped as liberal. In three studies, we found that femininity mediates perceptions of vegans as attracted to men and liberalism mediates perceptions of vegans as queer.

### **2:15 PM Gay=Asian, but not Black? Stereotype Overlap of Masculinity and Femininity**

**Troy Kearse**, *Howard University*; **Jamie Barden**, *HOWARD UNIVERSITY*

Do stereotypes on masculinity and femininity shift by race and sexual orientation? We explore how traits in group stereotypes overlap with masculine and feminine traits. Black stereotypes overlapped more with masculinity, while Asian and gay stereotypes overlapped with femininity.

This supports emerging research on intersectional stereotyping. Future implications are discussed.

## Educational Psychology

Friday, April 19 | 1:00 PM-2:50 PM

Salon 3

Moderator: Alex Ajayi (University of Minnesota)

### **1:00 PM Empowering Educators: Asynchronous Functional Analysis Training**

**INVITED SPEAKER:** Shengtian Wu, *Illinois State University*

This study examined the effect of asynchronous behavioral skills training on coaching educators to use trial-based functional analysis (TBFA) for a child with autism in a special education classroom. As a result, all three participants not only improved implementation fidelity during training but two of them maintained high fidelity during actual implementation of TBFA.

### **1:30 PM Pretests or Problem-Solving: Which Prepares Students to Learn from Instruction?**

**Raina Isaacs**, *University of Louisville*; **Marci DeCaro**, *University of Louisville*

Both pretests and exploratory learning problems have been shown to prepare students to learn from subsequent instruction, but researchers have yet to compare the two. The current study demonstrated that exploratory learning resulted in higher conceptual understanding and affective states compared to pretests and traditional instruction.

### **1:45 PM The Relationship Between Gender and Sexual Orientation in Academia**

**Russell Steiger**, *DePaul University*

We examined where LGB-related empirical research (Study 1) and academic programs of study in universities (Study 2) were hosted by gender studies journals (Study 1) and academic departments (Study 2), compared to other plausible disciplinary homes (e.g., psychology). We found that gender studies was the primary home of LGB studies.

### **2:00 PM Student Perceptions Towards All-Gender Restrooms After Restroom Implementation**

**Jacob Randall**, *University of Kansas*; **Anna Pope**, *University of Kansas*; **Ryan Crossland**, *University of Kansas*; **Lea Post**, *University of Kansas*



This study explores perceptions towards all-gender restrooms on a college campus after implementation. Data suggests that few students avoid all-gender restrooms and are comfortable and feel safe in inclusive restrooms even when aware they have been implemented. Ideal all-gender restrooms and correlations with transphobia-related individual difference factors are discussed.

### **2:15 PM Windows vs. Screens: The Effects of Parallax on Social Interactions**

**Jillian Antoun**, *Queen's University*; Emma Wilkinson, *Queen's University*; Nikolaus Troje, *York University*; Devin Fowlie, *Queen's University*; Jill A. Jacobson, *Queen's University*

Videoconferencing technologies lack parallax, making visual cues like eye contact unreliable and misleading. We found that the presence vs. absence of parallax did not affect couples' conversation ratings but did affect their ratings of their partner's conversational skills if they or their partner were higher in sensitivity to social cues.

### **2:30 PM How Students React to Feedback Ladened with Hassle and Respect**

**David Reed Akolgo**, *Ball State University*

The study examines the impact of respect and hassle in email feedback from professors on undergraduates. our analysis found significant main effects for the respect factor in perception of professor, academic performance, emotional responses, engagement/participation, and communication. Hassle affected emotional responses, perception of professor and engagement but not academic performance.



## **Promoting Inclusive Environments for Marginalized Group Members**

Friday, April 19 | 1:30 PM - 2:50 PM

Wabash

Environmental cues can provide powerful signals about how one's social identity is regarded and how one will be treated. This symposium offers novel insights into the nature and consequences of belonging and inclusion cues in healthcare, professional, and public settings. Dr. Derricks' four experiments show that physicians employing an identity-safety cue (e.g., Black Lives Matter pin) elicited minoritized individuals' trust via perceived physician allyship and reduced stigmatization concerns. Dr. Johnson's three

experiments show that Black women’s expectations that they can be authentic and not burdened with appearance concerns in professional settings is fostered by seeing exemplars wearing natural hairstyles and learning about company support of anti-discrimination hair-based laws. Dr. Henderson’s research supports the removal of confederate symbols from public spaces, showing that support for maintaining these symbols is driven by hate rather than the often-claimed desire to preserve heritage. Finally, Noland and Li’s three studies show that observing confrontation, where someone calls out another person’s prejudiced behavior, helps to restore the perception of anti-bias norms in work settings following a bias instance, which in turn is associated with identity-safety among marginalized group members. Altogether, the symposium underscores how crucial environmental cues are for promoting inclusion for marginalized group members.

**Examining use of identity-safety cues for minoritized groups in healthcare**

VERONICA S. DERRICKS, IUPUI, INDIA R. JOHNSON, IUPUI, EVAVA S. PIETRI, University of Colorado, Boulder.

**Curls, Kinks, & Coils: Natural Hair as a Safety Cue**

INDIA R. JOHNSON, IUPUI, EVAVA S. PIETRI, University of Colorado, Boulder, VERONICA S. DERRICKS, IUPUI.

**On Confederate symbols in public spaces**

KYSHIA HENDERSON, University of Chicago, SOPHIE TRAWALTER, The University of Virginia

**Following Prejudiced Behavior, Confrontation Restores Local Anti-Bias Social Norms**

ELISABETH S. NOLAND, Purdue University, ANNA H. LI, Purdue University, MARGO J. MONTEITH, Purdue University



**Professional Development Session**

Friday, April 19 | 2:00 PM-2:50 PM

Salon 10

**2:00 PM Students in Community: Exploring Collective Healing in Communities of Color**

Anjum Umrani, *Saint Louis University*; Kaevyn Maple, *Saint Louis University*; Bryce Davis, *Saint Louis University*; Kira Banks, *Saint Louis University*

This session will review the impact of systemic oppression on communities of color and explore how collectivism promotes healing. Graduate students will be equipped with the knowledge and tools to establish meaningful community partnerships, implement the radical healing framework, and promote the importance of community healing.

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**MPA AWARDS AND RECOGNITIONS**

Friday, 3:00PM - 3:30PM

Red Lacquer

Moderators: Heather M. Claypool, Miami University  
Michael J. Bernstein, Pennsylvania State University

**Graduate Student Paper Awards** *(please see page 19)*

**New MPA Fellows** *(please see page 19)*

**Diversity Travel Awards**

**MPA Excellence in Mentoring Award**

**MPA Excellence in Service Award**

**Recognitions**

Rosalyn Davis

In appreciation for service as Council Member (2022-2024)

Helen Harton

In appreciation for service as MPA Past MPA President (2022-2023)

Eric Wesslemann

In appreciation for service as Program Chair (2022-2023)

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## **MPA Presidential Address**

### **Belonging Threats: Sources and Sequelae**

Heather M. Claypool  
Miami University

Fri. 3:30PM – 4:30PM

Red Lacquer

Moderator: Michael J. Bernstein, Penn State University Abington College

Social belonging is critical for human functioning and well-being. Unfortunately, though, people regularly face threats to their belonging from experiences such as social rejection, ostracism, and exclusion. This talk will summarize findings from my lab illustrating some important consequences of both individual-level and identity-level belonging threats.

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## **MPA Business Meeting**

Friday, 4:30PM - 5:00PM

Red Lacquer

Moderator: Michael J. Bernstein, Pennsylvania State University - Abington

All are welcome to attend the business meeting and hear reports from the executive officer, treasurer, program moderator, convention manager, and others who serve MPA. Member feedback is welcome.

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## **MPA Local Representatives Meetings**

Friday, After Business Meeting

Red Lacquer

Moderator: Michael J. Bernstein, Pennsylvania State University - Abington

All local representatives of MPA are invited to attend this brief meeting and provide feedback regarding the conference. A list of local representatives is located in this program book. If your college/university does not have a local representative, consider attending the meeting and volunteering.

## **MPA Presidential Reception**

**Friday 8:00PM - 11:00PM**

### **Empire Ballroom**

Please join colleagues, students, and new friends at the MPA Presidential Reception. There will be a cash bar, light snacks, games and door prizes. All are welcome! The Empire Room is adjacent to the main lobby of the Palmer House.

NOTE: The Empire Room is accessible via the stairs from the lobby. There is a lift available for anyone wishing support up the stairs. Anyone wishing to use the lift should call hotel security at (312) 726-7500 (extension, 5565) and request an officer to assist with the lift. Alternatively, anyone wishing support can find one of the MPA Executive Officers (or email them at [MidwesternPsych@googlegroups.com](mailto:MidwesternPsych@googlegroups.com) to make such arrangements). Additionally, a volunteer should be at the bottom of the stairs and know how to contact security.

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## NOTES



**SATURDAY, APRIL 20, 2024**

Registration in Exhibit Hall 8:00AM – 12:00PM

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**Effects of Media Multitasking: Cross-Sectional, Experimental, and Longitudinal Evidence**

Saturday, April 20 | 8:30 AM - 10:20 AM

Salon 3

Media multitasking occurs when people use two or more types of media simultaneously or use media while performing an unmediated task (e.g., listening to music while playing video games, studying while watching TV). Understanding the effects of media multitasking could inform healthy device engagement and adaptive media use habits. The current symposium presents four distinct research studies that examine the effects of media multitasking from diverse perspectives. The first talk assessed different motivations behind media multitasking, and further, the association between multitasking motivation and psychosocial functioning. The second talk investigated how multitasking during learning (e.g., looking at distracting media while watching online lectures) could influence learning outcomes, and tested possible strategies to enhance learning in distracting online environments. The third talk explored the relation between media multitasking in bed before sleep and sleep quality, and whether trait mindfulness is related to better sleep outcomes among media multitaskers. The final talk described academic, emotional, and psychosocial outcomes predicted by media multitasking. Together, these talks demonstrate effects of media multitasking from social, cognitive, affective, motivational, and health psychology perspectives, and highlight potential negative consequences of heavy media multitasking.

**Media Multitasking Motivations and Stress Relief**

ALENA A. ROGOJINA, Iowa State University, DOUGLAS A. GENTILE, Iowa State University

### **Testing Enhances Learning in Distracting Online Environments**

ZOHARA ASSADIPOUR, Iowa State University, DAHWI AHN, Iowa State University, JASON C.K. CHAN, Iowa State University, KARL SZPUNAR, Toronto Metropolitan University, HYMNJYOT GILL, Toronto Metropolitan University

### **Media Multitasking in Bed is Associated with Poor Sleep Quality**

EL-LIM KIM, Iowa State University, ALENA A. ROGOJINA, Iowa State University

### **Longitudinal Associations Between Media Multitasking and Healthy Functioning Among Schoolchildren**

DOUGLAS A. GENTILE, Iowa State Univ., HYEKYUNG CHOO, Nat'l Univ. of Singapore, TIMOTHY SIM, Singapore Univ. of Social Sciences, VIVIAN CHEN, Nanyang Technological Univ., DANIEL FUNG, Inst. of Mental Health, Singapore, ANGELINE KHOO, Nanyang Tech. Univ.



## **Social Psychology Posters I**

Saturday, April 20 | 8:30 AM-9:45 AM

Upper Exhibit Hall

### **1 Changes over time in emotion recognition on the RMET**

**Deborah Daluga**, *Indiana University*; Cyntia Sanchez Vikovich, *Indiana University*; Sara Konrath, *Indiana University & University of Michigan*; Alison Jane Martingano, *University of Wisconsin - Green Bay*

We examine changes over time in scores on the Reading the Mind the Eyes Test, a test of emotion recognition, from the mid-1990s to 2020. We will examine both linear and nonlinear changes over time, across different English-speaking countries and across different age groups (teens, young adults, other adults).

### **2 Privileging The Past?: Perceptions of Historic and Modern Wisdom**

**Caelie McRobert**, *Bryn Mawr College*; Andrew Luttrell, *Ball State University*

Prior research suggests that people perceive history as moral and insightful. Across two studies measuring perceptions of individual people from the past

and present and evaluations of quotes attributed to them, we will test whether people “privilege the past” as a heuristic for assessing wisdom.

### **3 Traumatic Brain Injury and Public Stigma: The Effect of Blame**

**MacKenzie Grenko**, *University of Northern Iowa*

Over 290 participants will complete an online questionnaire assessing attitudes toward traumatic brain injury (TBI). If the expected results support the hypotheses, public stigma toward TBI may be altered by the injury's circumstance. Those with TBI may anticipate/experience stigma and conceal their injury or withdraw from society.

### **4 Prevalence and Attitudes Towards Sugar Dating on College Campuses**

**Madeline Stenersen**, *Saint Louis University*; Anjum Umrani, *Saint Louis University*; Irelan Fricke, *Saint Louis University*; Samantha Bumgardner, *Saint Louis University*; Kaevyn Maple, *Saint Louis University*; Christina Duval, *Saint Louis University*

Our study examined the prevalence of, and attitudes towards sugar dating among college students across 5 campuses in the United States. Results revealed that approximately 3% of participants had participated in sugar dating as either a sugar baby or sugar daddy/mama. A majority (82.4%) of participants had heard of sugaring.

### **5 Racial Sensitivity Predicts Racial Awareness**

**Josh Woods**, *Grand View University*

This study examined factors that predict how news headlines about systemic racism will be interpreted. Subjects that minimized a news story's relevance to a larger trend of racism in America also tend to score lower on a scientifically valid anti-racism scale as well as a non-scientific viral racism scale.

### **6 Does Bias Education Affect Belonging among LGB-Pan Students?**

**Alyssa Gerstenecker**, *Southern Illinois University Edwardsville*; Alex Hubbard, *Southern Illinois University Edwardsville*; Tayler Fusaro, *Southern Illinois University Edwardsville*; Lauren Belaska; Taylor Jennings, *Southern Illinois University Edwardsville*; William Proffer, *Southern Illinois University Edwardsville*

We investigate whether bias education impacts belonging among diverse college students. Students were randomly assigned to complete dependent measures of a brief online bias education program before or after completing

the education. We find that bias education improves belonging among LGB-Pan (but not straight) individuals.

## **7 Have You Seen That Tiktok? Belonging and Self-Esteem in Young Adults**

**Ella Hageman**, *DePaul University*

Young adults are “almost constantly” on social media, with Tiktok being the most popular social media app among people ages 15-24 (Pew Research Center 2022). This follow-up study will examine how exposure to different genres of Tik Tok videos relates to sense of self, specifically in terms of sense of belonging,

## **8 Changing Implicit Associations with 5-weeks of Counter Stereotypic Videos**

**Jon Barch**, *Northern Michigan University*; **Elijah Nieman**, *Northern Michigan University*; **Tim Drury**, *Northern Michigan University*; **Jayden Kennison**, *Northern Michigan University*; **Paige Dolph**, *Northern Michigan University*; **Landon Strzelewicz**, *Northern Michigan University*

Participants experienced 5-weeks of distributed exposure to counter stereotypic videos intended to change implicit race bias. Participants completed four explicit measures, and three implicit measures the week before, the week after, and again after 3-weeks without the intervention. Post intervention Black-positive associations increased and remained 3-weeks later.

## **9 Big 5 Personality Traits Mediating Attitudinal Statements and Cognitive Dissonance**

**Corey Koelling**, *University of Missouri-Columbia*; **Todd R. Schachtman**, *University of Missouri, Columbia*

The study examined Big 5 traits mediating the association between counter attitudinal statements resulting in cognitive dissonance. We hypothesize a positive correlation in cognitive dissonance with trait neuroticism, a negative correlation with trait conscientiousness, and a negative correlation with trait openness.

## **10 Program Evaluation of Peer Mentoring Program for Students with Disabilities**

**Jordan Bentz**, *North Dakota State University*; **Leanna McWood**, *North Dakota State University*; **Joel Hektner**, *North Dakota State University*

This study explored the effects of an inclusive peer mentoring program for high school students with and without disabilities. We examined survey responses from 779 mentors, mentees, and general education students. Results showed that mentors differed from general education students in their interactions with and perceptions of students with disabilities.

### **11 Self-Complexity and Social Identity: Bridging the Gaps**

**Homa Sheibani Asl**, *Central Washington University*; Tonya Buchanan, *Central Washington University*

We examine the role of high self-complexity in reducing negative emotional responses in intergroup interactions, especially for marginalized groups. Salient identities, when marginalized, can lead to exclusion and oppression, resulting in fear and anxiety. This research explores the buffer role of high self-complexity, offering insights into positive intergroup relations.

### **12 Cultural Versus Demographic Change, What Fuels Anti-Immigration Hostility**

**Kevin McAweeney**, *University of Kentucky*; Jessica Bray, *University of Kentucky*; Angel Armenta, *University of Kentucky*

We seek to identify how White Americans react to cultural versus demographic change examining the roles racial nostalgia and fear of loss of meaning in life play in driving fear, anger, collective action, and negative attitudes towards Latinos.

### **13 Striking Out or Hitting a Homer : Sport Fandom and Dating**

**Emily Kinsey**, *Murray State University*; Daniel Wann, *Murray State University*

The current study investigates if levels of sport fandom will be related to desiring a potential dating partner to also be a sport fan. Data was collected, analyzed, and as predicted, sport fandom was positively correlated with sport fandom as a desired dating trait ( $F(2,105) = 82.21, p < .001$ )

### **14 The role of goals in confrontations of sexism**

**Emily Budde**, *Loyola University Chicago*; Libby Gits, *Loyola University Chicago*; Robyn Mallett, *Loyola University Chicago*

To explain why women do not always choose to confront sexism, we test whether women's goals to protect the self, be liked, and be respected are associated with behavioral intentions to avoid, engage in reparative behavior, or confront the perpetrator in response to an experience of workplace sexism.

### **15 What Happened to Social Interaction Research: A Content Analysis.**

**Dennis Stewart**, *UNIVERSITY OF MINNESOTA, MORRIS*; Sarah Leipnitz, *University of Minnesota, Morris*; Cheryl Stewart, *University of Minnesota, Morris*; Sarah Rosenbrook, *University of Minnesota, Morris*; Gavin Zempel, *University of Minnesota, Morris*

An analysis of JPSP (2017) examined whether social psychology has lost interest in social interaction (SI). Little evidence was found for SI. The IRGP section was low in SI but did have more SI studies than the other subsections. Additionally, the connection between SI and citation rates was examined.

### **16 Men's Reactions to Generic-Feminine Language in Job Ads**

**Erika Rosenberger**, *Miami University*; Heather M. Claypool, *Miami University*

We examined the impact of generic-feminine language on men. Men who read a job ad that used only feminine pronouns (vs. both masculine/feminine pronouns) judged the ad as more sexist, anticipated more ostracism, and reported less identification with the job. Ostracism mediated the relationship between language condition and downstream outcomes.

### **17 Exploring Shame and Guilt in the Ostracism–Self-Isolation Link**

**Zhi Quan Lim**, *Illinois State University*; Eric Wesselmann, *Illinois State University*; Matthew Hesson-McInnis, *Illinois State University*

Recent studies demonstrated that ostracized individuals have a higher tendency to self-isolate than included individuals. We conceptually replicate and extend this finding using an autobiographical recall paradigm and measure shame and guilt as potential parallel mediators.

### **18 Mindwandering Inductions Diminish African Americans' Social Damage from White Ostracism.**

**Zachery Peters**, *Howard University*; Joanna Smith, *Howard University*; Lloyd Ren Sloan, *Howard University*

206 African-American students received 15 minute mindwandering inductions, or not, and were ostracized/included by Black or White Cyberball co-players. Ostracism, versus inclusion, damaged social needs. Induced mindwandering reduced social needs damage outcomes with White, but not with African American co-players, suggesting mindwandering may alter racism attributions especially for high extraverts.

## **19 Shifting Perceptions of Interracial and Same Sex Relationships**

**Megan M. Morrison**, *Tennessee State University*; James Brooks, *Indiana University*

Data was collected from 361 MTurk workers, who were randomly assigned a vignette where the race (Black/White), type of relationship (interracial/intraracial), and sexual orientation (same sex/mixed sex) of the couple were manipulated. Contrary to expectations, the only significant difference was on perceived social support when comparing same vs mixed sex couples.

## **20 Why does nature make us more caring? fNIRS Study**

**Haylee Snyder**, *Northern Michigan University*; Elijah Nieman, *Northern Michigan University*; Emma Miller, *Northern Michigan University*; Jon Barch, *Northern Michigan University*

To investigate the neural processes of how nature increases prosociality this study uses fNIRS to measure activity in the mPFC. Stimuli includes 12 natural and urban images divided into four blocks separated by image type. It is expected that fNIRS activity will be lower while viewing nature images.

## **21 Why Suffering Leads to Compassion**

**Nathaniel Zedoni**, *University at Buffalo*; Michael Poulin, *University at Buffalo*

Research indicates that guilt mediates the relationship between adversity and compassion. However, not all adversity is due to personal fault. Two studies present alternative explanations. Study 1 shows social identification as a mediator, while Study 2 proposes powerlessness and interdependence. This research adds to the literature on prosocial behavior determinants.

## **22 Do Parents Anticipate Happiness Boosts From Spending on Their Children?**

**Robert Zita**, *Elmhurst University*; Jeffrey Johnson, *Elmhurst University*; Anthony Campolattara, *Elmhurst University*; Jessica Sim, *Elmhurst University*; Elizabeth Majka, *Elmhurst University*

Two studies test whether parents think they will be happier spending money on their children than on themselves. Study 1 found support for this hypothesis (within-subjects). Study 2 will test the hypothesis in a between-subjects design. The findings will have implications for the prosocial spending and parental well-being literatures.

### **23 The prosocial memory advantage and stimuli valence**

**Pauline Urban Levy**, *University of Illinois at Chicago*; Allison Sklenar, *University of Illinois at Chicago*; Andrea Frankenstein, *University of Illinois at Chicago*; Eric Leshikar, *University of Illinois Chicago*

Prosocial behaviors serve an important function in our everyday social interactions. The current study further investigates how prosocial behaviors are remembered relative to non-prosocial (positively valenced and neutral) behaviors.

### **24 Spending on Children May Not Promote Parental Happiness**

**Jeffrey Johnson**, *Elmhurst University*; Robert Zita, *Elmhurst University*; Anthony Campolattara, *Elmhurst University*; Haley Allenspach, *William Rainey Harper College*; Catherine Gaze, *Elmhurst University*; Jessica Sim, *Elmhurst University*; Elizabeth Majka, *Elmhurst University*

People are happier when they spend money on others rather than themselves—particularly close others. Inconsistent with the literature, parents who were assigned to spend \$5 on their children did not report greater happiness than those who were assigned to spend on themselves, although the study was likely underpowered.

### **25 Change Agency and Healing-Centered Engagement**

**Sonja A. Trent-Brown**, *Hope College*; Alexis Koehl, *Hope College*; Ka'niya Houston, *Hope College*

This study surveys factors related to perceived capability of making an impact as a change agent, including empathy, openness, linkage, proximity, injustice sensitivity, hope, healing-centered engagement, and perceptions of community. We expect greater empathy, injustice sensitivity, and disposition for hopefulness will be associated with a stronger sense of change agency.

### **26 Does Spending on Children Promote Parental Happiness?**

**Elizabeth Majka**, *Elmhurst University*; Jeffrey Johnson, *Elmhurst University*; Andrea Aldrete, *Elmhurst University*; Ansley Hirth, *Elmhurst University*; Robert Zita, *Elmhurst University*; Anthony Campolattara, *Elmhurst University*; Catherine Gaze, *Elmhurst University*; Jessica Sim, *Elmhurst University*

Two studies used a recall paradigm to test whether parents would be happier spending money on their children than themselves. Study 1 yielded a null effect but was underpowered. Study 2 results were in line with the hypothesis.



Results have implications for both the prosocial spending and parental well-being literatures.

### **27 Comparing African American's and White's Perception of Black Pain**

**Louis Ingram**, *University of Illinois Chicago*; Sohad Murrar, *University of Illinois at Chicago*

Research shows that Whites rate Black pain as less severe than White pain. In this study, we assess African Americans' perceptions of Black pain relative to their White peers and examine the role of biological conceptions of Black bodies as being more pain tolerant than White bodies.

### **28 A Systematic Review of Suicide Risk Assessment Validity for Black Youth**

**Danielle Williams**, *Western Kentucky University*; Maria Hernandez, *Western Kentucky University*; Amy Brausch, *Western Kentucky University*

This project is conducting a systematic review of the validity of the Beck's Hopelessness Scale when assessing Black youth. With youth suicide on the rise, current research suggests that there is a lack of interventions tailored toward Black youth who are having suicidal ideation in comparison to their white counterparts.

### **29 Exploring Latinx Cultural Values and Benevolent Sexism in Latinx Men**

**Erick Herrera Hernandez**, *Marquette University*; Debra Oswald, *Marquette University*

Latinx cultural values (LCV) can reinforce gender role expectations for Latinx individuals and contribute to benevolent sexism. Our study revealed that the relationship between LCVs and benevolent sexism is complex. This offers an opportunity to leverage the positive aspects of LCVs to empower Latinx men as allies in addressing sexism.

### **30 Socialization of Meritocratic Beliefs on Explanations for Race-Related Income Inequality**

**Josephine Jakary**, *Xavier University*; Tammy Sonnentag, *Xavier University*

The study examines if White parents' beliefs in meritocracy predict their and their emerging adult child(ren)'s explanations (i.e., internal and external attributions) for systemic income inequality between White and Black people.

### **31 Internalized Racism, Hopelessness, Weathering and Physical Functioning among Black Americans**

Kaavya Iyer, *University of Minnesota Twin Cities*; **Drexler James**, *University of Minnesota-Twin Cities*

We examined the relationships among internalized racism, hopelessness, limited physical functioning in a sample of 778 Black American adults. Internalized racism was positively associated with limited physical functioning and feelings of hopelessness. Internalized racism was also associated with physical functioning via hopelessness and was associated with hopelessness via physical functioning.

### **32 Master Narrative of Racialized Police Murders: Examining Parent-Child Conversations**

**Vanessa Cordova**, *Northwestern University*; Leoandra Onnie Rogers, *Northwestern University*

Police murders of unarmed Black individuals in the U.S. can be described as a recurring sociocultural event with a master narrative that upholds and perpetuates white supremacy. Our study explores if and how parents retold the murder of George Floyd to their 8- to 11-year-old children and whether their recounts reinforced or disrupted the Master Narrative.

### **33 #BlackInTheIvory Tweets: Sharing Resources and Coping with Exclusion**

**Kierra Peterson**, *Illinois State University*; Sarah Williams, *Illinois State University*; Kaitlyn Prondzinski, *Illinois State University*; Kimberly Schneider, *Illinois State University*

#BlackInTheIvory trended on Twitter during June 2020 and highlighted racial discrimination experiences reported by Black academics. We coded a sample of tweets ( $N = 1,305$ ), examining the content of discrimination and exclusion incidents as well as emotion-focused and problem-focused coping strategies.

### **34 Narrative Themes in Autobiographical Discrimination Stories Told by Black Women**

**Alexandria Colburn**, *Marquette University*; Betsy Miller, *Marquette University*; Jessica Krukowski, *Marquette University*; Caroline Comito, *Marquette University*; Ashley Dirkmaat, *Marquette University*; Ed de St. Aubin, *Marquette University*

This study draws from scholarship regarding intersectionality and the Life Story Model of Identity to examine the relations between meaningful themes contained in the autobiographical stories Black women tell of a time they were discriminated against due to their sex, race, or both.

### **35 A Comparison of Asian and Black American Self-identification and Self-labeling**

**Shujianing Li**, *University of Minnesota Twin Cities*; Daniel Sanji, *University of California, Berkeley*; Richard Lee, *University of Minnesota Twin Cities*; Sa-kiera Tiarra Jolynn Hudson, *University of California Berkeley Haas School of Business*

Using data from 583 Asian and Black/African American participants, we argue that self-labeling and self-identification are two distinct and interconnected processes, and diasporic groups with different migration histories perceive identity domains' association differently. We also explore racially minoritized individuals' engagement in identity shifting in ways beyond changing their self-labeling.

### **36 How does social support predict hopelessness in ethnic/racial minority groups?**

**Koebe Diaz**, *Marquette University*; Veronica Heredia, *Marquette University*; Kaylen Vine, *Marquette University*; Cassandra Perez, *Marquette University*; Nallely Plascencia, *Marquette University*; Lucas Torres, *Marquette University*

This study examined how social support predicts hopelessness while accounting for ethnic/racial discrimination among ethnic and racial minority undergraduate students at a predominantly white institution.

### **37 Microaggressions and Coping Strategies in Black Female Leaders**

**Candice Wright**, *Concordia University Wisconsin*; Kathleen Kannass, *Concordia University Wisconsin*

This work melded research on microaggressions and coping strategies. Black female leaders completed a survey on microaggression and a survey on coping strategies. Black women who had higher daily racism scores were younger and had fewer years of leadership experience. Coping strategies had unique relations to daily racism scores.

### **38 The Importance of TRIO with the Reversal of Affirmative Action**

**Gisele Casanova**, *Purdue University Northwest*; Lillian Ehlers, *Purdue University Northwest*

McNair (TRIO) students were surveyed to determine barriers and positive situations encountered while pursuing undergraduate degrees. Preliminary results indicate financial strain reported as a barrier while faculty mentoring was a positive aspect of program participation. Results support the vital role TRIO programs play in students' pursuit of higher education.

### **39 Diversity and Inclusion Strategies Within APA Accredited Clinical Psy.D. Programs.**

**Joseph Lucero**, *The Chicago School*; Marissa Ocrant; Lior Litvack, *The Chicago School*; Savannah Carter, *The Chicago School*; Krista Lee, *The Chicago School*; Shada Atwa, *The Chicago School*

The present study explored diversity and inclusion recruitment and retention strategies from APA-accredited Clinical Psy.D. Programs. Participants were asked to describe the various actions their programs were taking to increase diversity, as well as the strengths and weaknesses in their programs related to diversity recruitment and retention.

### **40 Facilitators of College Success for Black/African-American Students with Disabilities**

**Kieron Swain**, *Illinois Institute of Technology*; Gabrielle Springer, *Illinois Institute of Technology*; Michelle Flores, *Illinois Institute of Technology*; Virakti Shah, *Illinois Institute of Technology*; Yen Chun Tseng, *University of Wisconsin-Stout*; Lisa Horne, *Illinois Institute of Technology*; Nicole Ditchman, *Illinois Institute of Technology*; Eun-Jeong Lee, *Illinois Institute of Technology*

Thematic analysis from focus group data showed personal ambition and goal pursuit, family support and expectations, the importance of disability services, counseling services and access to accommodations, and positive professional relationships as facilitators for academic and career success for Black/African American college students with disabilities.

### **41 Shades of Responsibility: Dichotomous Thinking's Role in Negative Life Events**

**Kaylie Williams**, *Oakland University*; Amber Efthemiou, *Oakland University*; Kanako Taku, *Oakland University*

This study examined the relationship between dichotomous thinking and taking responsibility for negative life events. Results show those with high preference for dichotomy and dichotomous belief were likely to blame someone else for their negative event. The findings have implications for exploring dichotomous thinkers' morality and sense of responsibility.

### **42 Theory of Mindfulness: Brief meditation improves emotional theory of mind**

**Adam Lueke**, *Ball State University*; Niloufar Lueke, *Austin Peay State University*; Eshmehar Sahni, *Ball State University*

The present study investigated the possibility that mindfulness could improve Theory of Mind (ToM). Participants (129) listened to either a mindfulness or control audio before completing emotional and spatial ToM tasks. Results indicated that the mindfulness condition significantly improved emotional (but not spatial) ToM relative to the control condition.

### **43 Optics and Bonds: Perception, Close Relationships, and Empathic Processing**

**Tyler Robinson**, *Murray State University*; Jana Hackathorn, *Murray State University*

Empathy is a modular construct and can vary by person and situation variables (Singer & Lamm, 2009). Perspective-taking instructions (Lamm 2007a) and interpersonal bonds (Cheng et al., 2010) have been shown to influence empathic processing. The current study tests for interaction effects of these two variables on empathic processing.

### **44 Rank as a Cue for Modulating Regulatory Scope**

**Eugene Kim**, *The Ohio State University*; Phuong Le, *The Ohio State University*; Ariana Hernandez-Colmenares, *The Ohio State University*; Kelly Amaddio, *The Ohio State University*; Kentaro Fujita, *The Ohio State University*

In the military, people specialize in the contraction or expansion of scope depending on rank. These rank-based expectations can conflict with expectations on when to modulate regulatory scope. This study compares veterans to nonveterans and observes the dynamics for how rank-based expectations can impact veterans' transition into the civilian workforce.

### **45 Social Isolation's Effects on Media Consumption & Belief Development**

**Edward Litwin**, *Northwestern University*; Daniel Molden, *Northwestern University*

Multiple, 50-state surveys from 2020-2022 showed that consuming COVID-19 news on social media directly predicted less accurate beliefs about the pandemic, which then predicted fewer behaviors to prevent infection. However, this news consumption also directly predicted more COVID-19 avoidant behaviors, indicating other mechanisms of social media effects beyond belief-formation.

### **46 Enhancing Cross-Race Interactions: The Influence of a Multiple Identity Mindset**

**Mingjia Liu**, *University of Illinois, Urbana-Champaign*; Brenda Straka, *University of Illinois, Urbana-Champaign*; Sarah Gaither, *Duke University*; Joy Knowles, *Duke University*

In a diversitifying society, cross-race interactions yield anxiety and cognitive strain. This study examines the role of a multiple identity mindset in mitigating the negative effects of such interactions. Results showed this mindset increased pro-affirmative actions beliefs but no cognitive effects were found. Understanding these effects can aid interventions.

#### **47 Trait and Situational Affect as Determinants of Academic Major Satisfaction**

**Margaret Nauta**, *Illinois State University*

Using two-wave data, this study clarifies the role of emotions in determining college students' satisfaction with their choice of major by disentangling trait affect from situational affect. Emotions experienced in classes are associated with satisfaction after controlling for trait affect, suggesting satisfaction is not merely a function of disposition.

#### **48 Ingroup vs. Outgroup Perceptions of Eurocentric vs. Afrocentric Hair**

**Gabriella Petruzzello**, *Central College*; Kenedie Gabrielson, *Central College*; Addison Parrott, *Central College*; Hunter Clemann, *Central College*; Keith Jones, *Central College*

Research is limited on how Social Identity Theory applies to Black women's ingroup/outgroup perceptions. This study analyzes the effects of hairstyle type and target race on person-perceptions. Results reveal a main effect of target race and an interaction effect showing negative perceptions of White women with Afrocentric hair.

#### **49 Examining the Metacognitive Properties of Attitudes Toward Guilty Pleasures**

**Hilary Ortega**, *Miami University*; Emily Wenzinger, *Miami University*; LaCount Togans, *Miami University*; Allen McConnell, *Miami University*

We examined metacognitive characteristics of people's attitudes toward their guilty pleasures (e.g., ambivalence, perceived moralization). Participants who reflected on guilty pleasures viewed them with greater perceptions of ambivalence and reported feeling greater internal conflict. These findings have implications for understanding the strength of attitudes toward guilty pleasures.

#### **50 Believing in Astrology: Personality, Gender, and Social Influence**

**Stone Kable**, *Purdue Fort Wayne*; Jay Jackson, *Purdue University Fort Wayne*

Drawing from social role theory, we tested a model designed to explain why women believe in astrology more than men. We found that women had more favorable interactions with people who believe in astrology, partly accounted for by agreeableness, and this led to the adoption of astrological beliefs.

### **51 Force Reasonability as a Mediator between Police Experience and Use-of-Force**

**Wiktorija Pedryc**, *Lake Forest College*; Vivian Ta-Johnson, *Lake Forest College*; Amelie Motzer, *Lake Forest College*; Zuzana Smilnakova, *Lake Forest College*; Isabel Krupica, *Lake Forest College*; Sophie Rasof, *Lake Forest College*; Lauren Wright, *Lake Forest College*; Ceanna Loberg, *Lake Forest College*; Xianru Yu, *Lake Forest College*; Matías Fonolla, *Lake Forest College*; Brian Lande, *Polis Solutions*; Joel Suss, *Wichita State University*; Nilufar Imomdodova, *lake forest college*

Police make use-of-force decisions under stressful, fast-paced conditions. Veteran officers make more effective, efficient, and accurate judgements than novices. Researchers sought to understand the skills seasoned officers used when making use-of-force decisions. Researchers also investigated the link between officers' justification of their decisions, officer experience and force selection.

### **52 Cognitive Costs of Empathy: Replication of Cameron et al. (2019)**

**Sydney Gardner**, *Avila University*; Isabelle Watters, *Avila University*; Taylor Staves, *Avila University*; Tumelo Musamali, *Avila University*; Samantha Schroer, *Avila University*; Jordan R. Wagge (She/Her/Hers), *Avila University*

We will replicate Study 1 of Cameron and colleagues' (2019) study examining empathy avoidance as a result of perceived cognitive effort, and expect that participants will demonstrate avoidance of tasks that require empathy in addition to finding empathy tasks to differ in aversiveness, efficaciousness, and effortfulness compared to objective tasks.

### **53 The Role of Reputation and Perceived Trustworthiness in Cooperation**

**Ata Algan**, *The University of Chicago*; Alexander Todorov, *University of Chicago*; Stefan Uddenberg, *University of Chicago Booth School of Business*; Daniel Albohn, *The University of Chicago*; BERND WITTENBRINK, *UNIVERSITY OF CHICAGO*

This study will investigate the impact of perceived trustworthiness and the dynamic evolution of reputation knowledge on trust and cooperation decisions in a trust game. We will explore how participants' choices are shaped by their initial impressions and the evolving dynamics of reputation knowledge.

#### **54 Black Women's Ingroup and Outgroup Perceptions: Race and Tattoos**

**Jadyn Jacobs**, *Central College*; Sarah Smith, *Central College*; Taylor Thomas, *Central College*; Emma Wagler, *Central College*; Keith Jones, *Central College*

Black women rated Black or White women with or without tattoos to better understand ingroup/outgroup perception in underrepresented populations. A main effect of target race revealed ingroup bias. The lack of a race-by-tattoo interaction is interesting given past research and is discussed considering potential gender differences in social perceptual processing.

#### **55 The Association Between Explanation Types and Existential Thinking**

**Brian Ge**, *University of Chicago*; Anthony Campolattara, *University of Chicago*; Olivia Kusuma, *University of Chicago*; Rameen Saad, *University of Chicago*; Yilin Liu, *University of Texas at Dallas*; Ryan Bruno, *University of Chicago*; Valerie Nguyen, *UW Madison*; Jessi Ingram, *University of Chicago*; Angelysse Madsen, *University of Chicago*; Angelique Alexos, *University of Chicago*; Callie Rosenzweig, *University of Chicago*; Rebecca White, *University of Chicago Booth School of Business*

In thinking about matters of existence and meaning, there often arise questions of why tragedy occurs. By examining the relationship between existential thinking and favored explanation subtypes when evaluating negative life events, this study aims to elucidate how existential thinking is associated with modes of apprehending life events.

#### **56 Ambivalent Morality versus Competence: Feeling Conflicted in Impression Formation**

**Tara Goering**, *Ball State University*; Andrew Luttrell, *Ball State University*

This study examined differences in subjective attitudinal ambivalence with respect to information about a target that varied by trait dimension (morality, competence) and valence (all positive, all negative, mixed). Results suggest that attitudes based on competence-related (vs. moral) information are perceived as less informative and complete.



### **57 Political Beliefs Influence Ability to Distinguish Fact from Opinion**

**Josh Woods**, *Grand View University*

Opinions may not be susceptible to the Illusory Truth Effect (Riesthuis & Woods, 2023). In an attempt to explain this finding, three experiments examined the connection between how political ideology and belief in political conspiracies impact the ability to accurately distinguish socio-political facts from socio-political opinions.

### **58 Therapists' Awareness of Social Media's Effects and Action in Therapy**

**Yael Dror**, *The Chicago School of Professional Psychology*

This study evaluates the relationship between therapists' awareness of social media and their likeliness to take action in the therapeutic process. The results found a weak, positive relationship but therapists' awareness was not predictive of action taken. There is a lack of connection between awareness and response.

### **59 Personality and the Social Context Shape the Experience of Fun**

**Ananya Nanda**, *Purdue University Fort Wayne*; **Madison Dollier**, *Purdue Fort Wayne*; **Audrey Smith**, *Purdue Fort Wayne*; **Jay Jackson**, *Purdue University Fort Wayne*

Coactors played a high or low intensity videogame in a situation that allowed or restricted social interactions. Extraversion predicted more fun after a high intensity game; this relationship was mediated by arousal. Agreeableness predicted more fun when interactions were allowed; this relationship was mediated by a perceived shared experience.

### **60 Inspiring Divergent Thinking: Authentic Dissent is Superior to Devil's Advocate**

**Emily Murray**, *Grand Valley State University*; **GraceAna Hoorn**, *Grand Valley State University*; **Samantha Walquist**, *Grand Valley State University*; **Amanda Herdoiza**, *Grand Valley State*; **Lauren Behrenwald**, *Grand Valley State University*; **Christine Smith**, *Grand Valley State University*

We explored the extent to which the relationship between exposure to dissent and divergent thinking requires an authentic source. We compared authentic sources to those assigned to argue their minority position. Our results suggest that authentic sources of dissent are more effective than devil's advocates in inspiring divergent thinking.

### **61 Perceptions of Authentic and Assigned Sources of Minority Dissent**

**Emily Murray**, *Grand Valley State University*; Samantha Walquist, *Grand Valley State University*; GraceAna Hoorn, *Grand Valley State University*; Amanda Herdoiza, *Grand Valley State*; Lauren Behrenwald, *Grand Valley State University*; Christine Smith, *Grand Valley State University*

Perceptions of authentic and assigned sources of minority dissent were compared to perceptions of majority group members. Interestingly, despite their arguments being identical, authentic sources of minority influence compared less favorably to the majority than did those who were assigned the role of devil's advocate within their group.

### **62 Association between social media, toxic masculinity, and depression in males.**

**Anthony Warren**, *National Louis University*

Prior research demonstrates that negative social media interactions mediate the relationship between toxic masculinity and depression. In this study, we tested a correlational model where social media use (as measured by an addiction scale) moderated the relationship between depression and toxic masculinity in a sample of 125 young men.

### **63 Memorable Coaches: Shaping Life Lessons Through Messaging**

**Jordan Fleming**, *University of Missouri-Columbia*; Russell Ravert, *University of Missouri*; Wenting Sun, *University of Missouri-Columbia*; Anzhao Wu, *University of Missouri, Columbia*

Whereas research suggests that memorable messages from coaches or athletic instructors have important impacts on athletes, research is needed to understand their impact on the general public. This pilot study used thematic analysis to explore memorable messages from athletic coaches and instructors received within a sample of U.S. adults.

### **64 Sexual Risk-Taking: STIs and the Presence of Amplified Sexual Stigma**

**Gabriella Petruzzello**, *Central College*; Randall Renstrom, *Central College*

Given the power of stigma, this study analyzes the effect of illness type (sexual vs. non-sexual) and severity (moderate vs. severe) on risk perceptions and general evaluations. Results show transmitters of sexual illnesses are perceived more negatively and viewed as riskier and more selfish regardless of illness severity.

### **65 Do Suspects Who Invoke Miranda Rights Elicit Adverse Inferences?**

**Philip Mazzocco**, *Ohio State Mansfield*; Ricky Mitchell, *Ohio State Mansfield*

Do suspects who invoke Miranda Rights during questioning elicit adverse inferences from perceivers? Using a sample of online adults, we conducted an original experiment to determine whether invoking Miranda rights increased perceptions of cooperativeness, trustworthiness, deceptiveness, evasiveness, and finally, guilt. Our findings have implications for real-world legal scenarios.

### **66 The Effect Group Membership has on Judging Norm Violators**

**Kayla Grabowski**, *University of Illinois at Chicago*; Rebecca Littman, *University of Illinois at Chicago*; Lindsay Novak, *University of Illinois Chicago*

The effect being observed is how group membership affects the judgment individuals make about those who violate a norm. We expect to find that individuals in the same ingroup as an individual who violates a norm will judge that individual less harshly than an outgroup member.

### **67 The Development and Validation of the Attitudes Toward Interpersonal Surprises Scale**

**Julie Allison**, *Department of Psychology and Counseling, Pittsburg State University*; Corrine Workman, *Pittsburg State University*; Matthew Turner, *Pittsburg State University*

This research served to validate the Attitudes Towards Interpersonal Surprises Scale (ATIS). Scores on this scale and the Reinforcement Sensitivity Theory Personality Questionnaire, Need for Cognition, the Brief Social Desirability Scale, and a measure of the Big Five were collected. With one exception all predicted significant correlations were found.

### **68 Just Take a Break. How Self-distancing Promotes Desires for Apologies.**

**Teddy Schupack**, *Northern Illinois University*; Randy J. McCarthy, *Northern Illinois University*

This study offers incipient evidence supporting the extensive effect of self-distancing techniques for individuals after an aggressive interaction. While adapting the same manipulation from Mischkowski et al. (2012), we found confirmatory support that self-distancing techniques increase the desire to apologize.

## **69 The Changing Landscape of Retail Therapy**

**Cesia Villatoro**, *Dominican University*

This study will examine two separate groups. Kang and Johnson (2011) gathered a sample that was more financially stable than Dominican University undergraduates. A comparison will be done based on differing opinions about the role of retail therapy. Many events have occurred that might have influenced people's buying habits and attitudes.

## **70 Punishing Sexual Aggression in Sports**

**Kolin Heck**, *Saint Louis University*; Ruth Warner, *Saint Louis University Department of Psychology*

This study examined how a hypothetical sexual assault accusation and assigned punishment by a sports team can influence feelings of betrayal and assigned punishment by a fan. We hypothesize that participants will be harsher on and feel more betrayed by their team than their least favorite team in the no punishment condition.

## **71 Firearm Knowledge and Attitudes**

**Monty Crain**, *University of Northern Iowa*; Helen C. Harton, *University of Northern Iowa*

This study investigates how the level of firearm knowledge, perceived firearm knowledge and political identity are associated with attitudes towards gun control. Participants with more firearm knowledge were less likely to support gun control. Ideology did not moderate the relationship between perceived knowledge and gun control attitudes.

## **72 Assessing the Importance of Moral Character in Investigative Interviews**

**Alexander Perry**, *Iowa State University*; Paiven Knoot, *Iowa State University*; Abigail Stucker, *New York University*; Christian Meissner, *Iowa State University*

Research has assessed the role of rapport and trust building to enhance elicitation in investigative interviews, but not the role of moral character. Using a social perception paradigm, this study explored the importance of trust, rapport and moral character in enhancing elicitation in investigative interviews. Implications will be discussed.

## **73 College Fit: Demographic Differences in the College Decision-making Process**

**Tyler Wilson**, *Washington University in St. Louis*; Mateo Hain, *Washington University in St. Louis*; Danika Strayhorn, *Washington University in St. Louis*; Maegan Ruiz, *Washington University in St. Louis*; Chris Rozek, *Washington University in St. Louis*

What factors are important in the college-decision making process? A diverse sample of high school students reported an array of factors, and students from minoritized backgrounds tended to report more factors related to belonging than those from more privileged backgrounds, lending insight into the differing salience of factors across backgrounds.

#### **74 Social Norms Messages can Undermine the Perception of Prosocial Norms**

**Benjamin Douglas**, *University of Wisconsin–Madison*; Markus Brauer, *University of Wisconsin-Madison*

Injunctive social norms message communicate the behavior which one's peers approve. Across two studies, we tested how injunctive norms messages affects the perception of norm compliance. We found that for certain prosocial behaviors, communicating social norms messages can lead people to perceive that fewer people conform to the behavior.

#### **75 Mood regulation in anticipation of decision making**

Rebecca White, *University of Chicago Booth School of Business*; Bryan Baird, *University of Chicago*; **Ryan Bruno**, *University of Chicago*; Akshaj Dwivedula, *University of Chicago*; Zen Nguyen, *University of Chicago Booth School of Business*; Taylor Christiansen, *University of Chicago Booth School of Business*; Holden Emig, *University of Chicago Booth School of Business*  
We explore people's beliefs about the degree to which their transient emotional states may hold consequences for their decision making, and whether people may act on those beliefs by attempting to regulate their mood before making consequential decisions.

#### **76 Affordance Management Theory and Variations in Perceived Mental Illness Threat**

**Guy Boysen**, *McKendree University*; Brynne Luebbbers, *McKendree University*; Philipp Schmidt, *McKendree University*; Mia Wylie, *McKendree University*

Affordance management theory predicts that people use stereotypes to evaluate the threat individuals pose to the achievement of fundamental goals such as self-protection, disease avoidance, and mating. The present study

examined the relations between stereotypes about highly stigmatized mental disorders and perceived threats to fundamental goals.

### **77 Ambivalent stereotypes of Asian Americans and their hierarchy-enhancing function**

**Daniel Sanji**, *University of California, Berkeley*; Sa-kiera Tierra Jolynn Hudson, *University of California Berkeley Haas School of Business*

In an online study of 272 White Americans, we integrated the racial position model and social dominance theory to investigate mechanisms underlying ambivalent stereotypes of Asian Americans. Our results suggest that the model minority and perpetual foreigner stereotypes, while seemingly paradoxical, may be connected by an underlying desire to reify racial inequality.

### **78 Broadening Diversity Makes White People Feel Included**

**Yanzhe Zeng**, *Purdue University*; Teri Kirby, *Purdue University*

We examined dominant group members' perceptions of expanding diversity definitions in an organizational context. Results suggest that reading a broadened definition of diversity may serve a protective function for White people, increasing their perceived inclusion and fair treatment in an organization. In addition, White's organizational interest is significantly driven by their self-focus.

### **79 Interpreting Microaggressions: The Role of Context and Individual Differences**

**Rishi Sarin**, *Ball State University*; Rebecca Wood, *Ball State University*; Ana Júlia Nogueira Mourão, *Ball State University*; Emily Cronk, *Ball State University*; Lex Brown, *Ball State University*; Collin Kriegbaum, *Ball State University*; Holley Hannegan, *Ball State University*; Thomas Holtgraves, *Ball State University*

Based on relevance theory (Sperber & Wilson, 1986), we predicted and found participants were more likely to perceive a remark as a microaggression when there was no obvious contextual reason for its occurrence. Regardless of context, Liberal participants were more offended by the remark than Conservative participants.

### **80 Perceptions of "Cozy Gamers" as Legitimate Video Gamers**

Trisha Prunty, *Blackburn College*; Lexi Snow, *Blackburn College*

This study examined individuals' thoughts and beliefs surrounding cozy and competitive games and whether gender differences when playing these games

would change the participant's perception of the person in the scenario as a gamer.

**81 Is the Body Positivity Movement Working?: Effects on Anti-Fat Bias**  
**Madison Pavone**, *Ball State University*; Mary E. Kite, *Ball State University*

We examined whether exposing individuals to Instagram posts of women with different body sizes and captions lead to changes in anti-fat attitudes. Participants responded to anti-fat attitudes measures pre and post intervention. Implications relative to effective anti-fat attitude interventions is discussed.

**82 Disambiguating subtle gender bias improves women's STEM outcomes**

**Nicole Russell Pascual**, *University of Michigan*; John Tagariello, *University of Michigan*; Denise Sekaquaptewa, *University of Michigan, Ann Arbor*; Lorelle Meadows, *Michigan Technological University*; Darnishia Morris

The nature of gender bias has shifted from overt to subtle expressions that may go unrecognized as instances of gender stereotyping. These subtle biases can have detrimental effects on performance. We examine whether clarifying for women that a subtle bias event was due to gender stereotyping reduces these effects.

**83 Changes in Self-Efficacy Over Time in American Youth**

**Abigail Bowers**, *Indiana University*; Sara Konrath, *Indiana University & University of Michigan*

Self-efficacy involves perceptions of one's abilities and talents. It is also a strong indicator of overall well-being, and therefore, a topic worthy of attention. We are using cross-temporal meta-analysis (CTMA) to examine changes in American college students' self-efficacy since the 1990s.

**84 "Sir, this is an Arby's": Emotions and online character judgements**

**Corey Allred**, *The State University of New York at Buffalo*; Michael Poulin, *University at Buffalo*

We conducted an online experiment to examine the effects of emotional displays from different social media platforms on perceivers' character judgments. People rated those displaying anger as being of poorer character on Instagram versus on Twitter. Emotion display norms may differ across online platforms, with potential implications for online interactions.

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## Child and Adolescent Development

Saturday, April 20 | 8:30 AM-10:20 AM

Salon 1

Moderator: Dinah F. Meyer, *Muskingum University*

### **8:30 AM Bringing Intersectionality into Research on Children's Cognitive Development**

**INVITED SPEAKER: Ryan F. Lei, *Haverford College***

In this talk, I will discuss how children integrate social categories early in development and how these representations are meaningful for children's beliefs and attitudes. I argue that taking this intersectional perspective on social cognitive development is important for both theory development and social equity.

### **9:00 AM Social Functioning and Youth Externalizing Psychopathology: A Network Analysis**

**Talia Leman, *University of Iowa*; Molly Nikolas, *University of Iowa***

This study employed network analysis to identify the interconnections between social problems and youth externalizing behaviors, using data from the nationwide Adolescent Brain Cognitive Development Study. Key findings demonstrated hostile interpersonal behaviors were strongly linked to externalizing behaviors, but problems with social maturity were specifically connected to ADHD behaviors.

### **9:15 AM Online Partnering and Mental Health Among SGM Feminine Adolescents**

**Eva Minahan, *Northwestern University*; Kathryn Macapagal, *Northwestern University*; Jacob Gordon, *Northwestern University*; Beatrice Gänzler, *Northwestern University*; Val Wongsomboon, *Northwestern University***

Qualitative findings suggest that online partnering among SGM feminine adolescents permits self-exploration, which can improve mental health, however, the prominence of abusive occurrences within this population highlights risks for poor mental health and dating violence. Quantitative measures will be used to evaluate associations between such experiences and mental health outcomes.



**9:30 AM Which Toy to Buy?: What Matters to Parents**

**Jessica Pleuss**, *Morningside University*; **Mia Wenzel**, *Morningside University*

Despite the developmental importance of play being widely documented, little research exists surrounding toys that children actually have access to at home. We surveyed 60 parents regarding what they consider important when making toy purchasing decisions, and examined whether demographic factors play a role.

**9:45 AM Immigration and Integration: Children’s Insight into Norms and Expectations**

**INVITED SPEAKER: Meltem Yucel**, *Duke University*

In our rapidly globalizing world, it is imperative to understand how children think about group membership and immigration status. Across several studies, we investigate how 5- and 6-year-old American children’s normative expectations of ingroup and outgroup members change when the ingroup and outgroup members migrate to each other’s country.



**College and Academics**

Saturday, April 20 | 8:30 AM-10:20 AM

Salon 2

**Moderator:** Yvette Harris (Miami University)

**8:30 AM Academic Worry and Belonging: Associations with Mental Health and Performance**

**Joshua Brown**, *University of Wisconsin-Madison*; **Lauren Papp**, *University of Wisconsin-Madison*

Academic worry and stress are known to negatively affect students’ performance and health, although students’ belonging might suppress these unfortunate effects. Findings expand on previous literature by determining that academic worry affects belonging’s change over time and belonging suppresses academic worry’s deleterious effects on mental health and GPA.

**8:45 AM Career Difficulties and Mood Problems: A Moderated Mediation Analysis**

**Aaron Carlstrom**, *University of Wisconsin - Parkside*

Examined whether maladaptive thinking mediated the association between college students’ career difficulties and mood problems, and if personal

growth initiative (PGI) moderated the effect of maladaptive thinking. PGI moderated the effect of career difficulties on maladaptive thinking, but did not moderate the direct relationship between career difficulties and mood problems.

### **9:00 AM Strengths-Based Practice: A Path to Empowered Self-Efficacy in Students**

**Justina Or**, *Kettering College*; Amy Anderson, *Spokane Community College*; Kelly Maguire, *Grand Canyon University*

Self-efficacy is an important component in learning. Emerging research suggests that strengths-based educational practices could improve self-efficacy in students. Therefore, we examined the relationships between strengths-based education practices and students' self-efficacy. We found interesting, statistically significant relationships between strengths-based educational practices and general, academic, and strengths self-efficacy.

### **9:15 AM Protective Factors among Immigrant Undergraduate and Graduate Students**

Dan Koonce, *Governors State University*; **Agnieszka Tulowiecka**, *Governors State University*

Achieving higher education goals and becoming acculturated to the social and economic values of the U.S. is critical for immigrants. The literature focuses on the challenges faced by this group. This study will investigate the variables protective factors and psychological well-being of immigrants in higher education.

### **9:30 AM Mindset Perceptions: Does Professor Race and Gender Play a Role?**

**Kathryn Kroeper**, *Sacred Heart University*; Abigail Wilk, *Sacred Heart University*

College students (N=467) preferred growth (vs. fixed) mindset professors, finding them warmer and more competent; yet, a warm tone protected fixed mindset professors from negative evaluations. Unexpectedly, professor race and gender had no perceptual impact. We discuss the possibility of socially-desirable responding and plan subtler methodologies for future studies.

### **9:45 AM Perceptions of freedom in video-conferencing interviews (WITHDRAWN)**

**Fabiana Alceste**, *Butler University*; Ian Carroll, *Butler University*; Angela Zara, *The Chicago School*

In response to COVID-19, police are conducting interrogations virtually. We adapted a cheating paradigm to a totally virtual setting to investigate the effects of Zoom interviews on perceptions of freedom. We found that participants did not feel free to leave the questioning, despite the ease of leaving a virtual setting.

## **Industrial/Organizational Psychology**

Saturday, April 20 | 8:30 AM-10:20 AM

Salon 5/8

Moderator: Dana Linnell (University of Wisconsin-Stout)

### **8:30 AM Role of Support between Work Incivility and Family Engagement**

**Neena Gopalan**, *University of Redlands*; **Murugan Pattusamy**, *University of Hyderabad*

Current study explored mediational model of work-family facilitation between work incivility and family engagement, moderated by department and family support. Results show higher department and family support can respectively reduce the negative impact of work incivility on work-family facilitation and improve positive effect of work-family facilitation on family engagement.

### **8:45 AM Dynamic Stereotypes: Women Are Perceived to Gain Facets of Agency**

**Quang-Anh Tran**, *Indiana University Bloomington*; **Amanda Diekman**, *Indiana University*; **Samantha Heiman**, *Indiana University-Bloomington*; **Andrew White**, *Indiana University*

Social role theory predicts that the traits ascribed to women will change according to the roles they occupy. Across two studies, women were seen as gaining most facets of agency; these changes in perception were associated with participants' perceived women's engagement in nontraditional roles and simultaneous multiple roles management.

### **9:00 AM Graduate Students' Empathetic Responses to Sexual Harassment: A Qualitative Analysis**

**Breianna Mildor**, *Indiana University-Purdue University Indianapolis*; **Amanda Mosier**, *Indiana University - Purdue University Indianapolis*; **Ann Kimble-Hill**, *Indiana University-Purdue University Indianapolis*; **Margaret Stockdale**, *Indiana University-Purdue University Indianapolis*

Many graduate and post-doctoral trainees face sexual harassment in research training environments, which can cause significant disruptions to their educational journey. This study qualitatively examines these students' responses to instances of sexual harassment and how they would want their mentors to prevent and address these violations.

**9:15 AM Career reflections: Part-time Counselling women trainees on next pandemic preparedness.**

**Hildah Mokgolodi**, *University of Botswana*; Portia Loeto, *University of Botswana*

Careers changed during Covid-19 pandemic. Part-time counselling trainees who were women, mothers and full-time employees, found online, home studying and working difficult, especially, for mothers with small children. Participants did not know how to prepare for the next pandemic. Employment acts and study regulations need to consider mothers in pandemics.

**9:30 AM Promoting Happiness at Work: A multiple serial mediation analyses**

**Madhusmita Panda**, *University of the People*; Lopamudra Hati, *Independent Researcher*

Drawing on the broaden-and-build theory of positive emotions (Fredrickson, 2001), the present study aims to examine the association between the level of flow at work of the employees and their workplace happiness whilst investigating the serial mediating mechanisms of creativity and psychological empowerment in the aforementioned relationship.

**9:45 AM Blind Loyalty to the Sunk-Cost Decision of an Angry Leader**

**Young Jae Yoon**, *Western Kentucky University*; Jeong-Gil Seo, *Sungkyunkwan University*; Tae Seok Yang, *Western Illinois University*

Three experiments explored when loyal members conform to the sunk cost fallacy of their leader. We measured member group loyalty and manipulated leader emotional display (anger vs. neutral or anxiety). We found that greater member loyalty significantly predicted their conformity to the leader's sunk-cost decision only when the leader displayed anger.

**Parents, Peers, & Culture -- Relationships in Context**

Saturday, April 20 | 8:30 AM-10:20 AM  
Moderator: Tamika McElveen (Miami University)

Salon 10

### **8:30 AM Can You Help Me? Seeking and Giving Social Support in Close Relationships**

**INVITED SPEAKER:** *Amanda Rose, University of Missouri*

Talk about it, you'll feel better. Research and common knowledge tells us that sharing problems will make us feel better and bring us closer to one another. That is not wrong—but it is oversimplified. Focusing on adolescents' friendships, a series of studies will be presented that describe healthy forms of problem talk and ways of talking about problems that make us feel worse and hurt our relationships.

### **9:00 AM Exploring the impact of helicopter parenting on body image development**

**Erin Hillard, University of Wisconsin Parkside; Meredith McGinley, University of Wisconsin-Parkside**

The current study investigates mechanisms in the association of helicopter parenting and body image development in emerging adulthood. We found that maternal pressure to diet mediates relationships between helicopter parenting and body image, suggesting greater helicopter parenting leads to increased pressures that influence negative body image development.

### **9:15 AM Effects of Political Differences on Parent-Child Relationships**

**Jason Folmsbee, Miami University; Heather M. Claypool, Miami University; Allison Farrell, Miami University**

This study examined the impact of political differences and disagreement between parents and adult children on relationship quality and belonging. Over two sessions, we found that political differences and frequent intense political conversation between parents and adult children predicted decreased relationship quality and adult children's sense of belonging when home.

### **9:30 AM Emotional Dynamics in Mother-Child Interactions: Insights from Text Mining**

**Chao Liu, Cedarville.edu**

Two studies used innovative approaches—text mining and sentiment analysis—to examining emotion expressions during mother-child interactions. The first study revealed an increasingly synchronized pattern of mother-child interaction over time. The second study uncovered the dynamic nature and distinct clusters of expressed emotions in mothers and children.

**9:45 AM Impact of Victimization by Cultural Value and Peer Status Groups**

**Lily Xiao**, *DePaul University*; Yan Li, *Depaul University*

Peer victimization has a negative impact among Chinese adolescents, but belonging to cultural values and peer status groups generated by LPA can moderate the effects. Adolescents with high collectivism and high peer status tend to experience fewer negative outcomes, while those with high individualism and low likeability are most negatively impacted.

**10:00 AM Cultural Variation in Responses to Social Inconsistency: Changeability and Conflict**

**Michael Yue**, *Queen's University*; James Hillman, *Queen's University*; Eun Ju Son, *Queen's University*; Mina Jyung, *Seoul National University*; Tara MacDonald, *Queen's Univeristy*

The present research aims to identify factors that affect the preference for conformity, validation, and/or distancing in the wake of interpersonal disagreement. We found that perceived changeability of oneself and the relationship leads to different preferences for resolution, and that these effects varied across cultures.

**Social Judgment and Decision Making**

Saturday, April 20 | 8:30 AM-10:20 AM

Salon 6/7

**Moderator:** Ernest Park (Grand Valley State University)

**8:30 AM Does Source Trustworthiness Moderate the Effects of Repetition on Belief?**

**Raunak Pillai**, *Vanderbilt University*; Russell Fazio, *The Ohio State University*; Lisa Fazio, *Vanderbilt University*

Repeated statements feel truer than new ones, largely due to their acquired fluency. In three experiments, we show that people can partially or completely discount these effects of fluency on belief when that fluency stems from exposure to information by an untrustworthy source.

**8:45 AM Generative Reverse Correlation: Idiosyncratic Representations of Any Visual Category**

**Daniel Albohn**, *The University of Chicago*; Stefan Uddenberg, *University of Chicago Booth School of Business*; Alexander Todorov, *University of Chicago*

We introduce a method for producing photorealistic mental representations utilizing machine learning. Our method produces hyper-realistic images of an individual's mental representation of specific attributes. We discuss several studies that illustrate the breadth of our approach across a variety of stimuli (faces, shoes, cars) and judgments (trustworthiness, wearability, speed).

**9:00 AM The Power of Memes: Influences on Decision-Making and Perceptions**

**Wylie Brace**, *Miami University*; Christopher Wolfe, *Miami University*; Lexey Sheets, *Miami University*; Emily Vanderhoff, *Miami University*

If you have ever been on social media, you have probably encountered a meme. Using Fuzzy-Trace Theory, we sought to understand if memes can influence decision-making and perception task scores. Results indicate that viewing memes later affects one's decision-making and perceptions related to the underlying meaning of the meme.

**9:15 AM The desirability effect on preference toward waiting time ambiguity**

**Jiuqing Cheng**, *University of Northern Iowa*; Ping Xu, *Wenzhou University*

This research examined how desirability affects ambiguity preferences in waiting times across different scenarios. Results from five experiments consistently showed stronger aversion to ambiguous waiting for undesirable outcomes, especially for emotionally-charged outcomes. Providing transparency (unambiguous waiting information) might improve decision experience especially when the outcomes are undesirable.

**9:30 AM Jumping to Fixations: Jumping to conclusions constrains hypothesis generation**

**James Hillman**, *Queen's University*; Brooke Burrows, *University of Massachusetts*; Dana Jessen, *Queen's University*; David Hauser

The present research explored whether jumping to conclusions (JTC) was associated with other deficits in information searches. We found that individuals high in JTC also generated fewer hypotheses to explain novel situations, were more confident in their initial hypotheses, and prefer supporting initial hypotheses over considering alternatives.

**9:45 AM Counterfactual trajectories: Naïve theories influence how imagined alternatives unfold.**

**Connor Dantzler**, *Ohio University*; Keith Markman, *Ohio University*

Two studies examined naïve theories about how the world would change over time if a focal event did not occur. Undoing events high in substitutability evoked preferences for trajectories suggesting that the focal event would have happened anyway, whereas events low in substitutability evoked trajectories suggesting exponential future change.

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## **MPA Invited Presidential Address**

### **Next Gen: Encouraging Student Leadership in the Profession**

**Sharon Bowman**  
Ball State University

Saturday, April 20 | 9:00 AM-10:15 AM

Salon 12

Moderator: Rosalyn Davis, Indiana University Kokomo

Since my doctoral years, I have consistently been involved in professional leadership roles. As a faculty member, and now department head, I also consistently encourage my students to do the same. However, in the “After Times,” convincing students to be leaders, or even participate in professional activities, is increasingly difficult. In this talk, we will discuss what is happening, and identify some ways to encourage the “next gen” to take on these roles.

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## **Social Psychology Posters II**

Saturday, April 20 | 10:00 AM-11:15 AM

Upper Exhibit Hall

### **1 College Student's Perception of Campus Accessibility, Effectiveness and Belonging**

**Dr Jill Sudak-Allison**, *Grand View University*; **Kris D Owens**, *Grand View University*



Ninety-two students were surveyed about their perceptions of accessibility supports applied to the Theoretical Model of Belonging (Vaccaro, et al., 2015). Thirty-eight (41%) students completed the survey. Overall, students rated supports available as satisfied to very satisfied with mean of 3.19-3.71 for mastery; 3.17-3.52 for self-advocacy and social relationships.

## **2 Successful Communication: Effects of Face-Threat and Culture**

**Ana Júlia Nogueira Mourão**, *Ball State University*; Rishi Sarin, *Ball State University*; Emily Cronk, *Ball State University*; Rebecca Wood, *Ball State University*; Eshmehar Sahni, *Ball State University*; Thomas Holtgraves, *Ball State University*

We examined the ability of receivers to recognize conveyed speech acts via text messages. High threat speech acts were less likely to be recognized than low threat speech acts, and messages created by participants from collectivistic cultures were less likely to be recognized than messages by participants from individualistic cultures.

## **3 #Bicultural: Social Media Use, Needs Satisfaction, and Well-being of Immigrants**

**Rachel Hecke**, *Illinois State University*; Suejung Han, *Illinois State University*

This study examines the associations between immigrant's bicultural social media use, general psychological needs satisfaction, bicultural needs satisfaction, and well-being outcomes of life satisfaction and bicultural identity integration. The results can suggest effective bicultural social media use as an intervention for increasing well-being of immigrants.

## **4 Conceptualizing "Us" and "Them" in Indian and American Religious Schools**

**Lauren Crane**, *Wittenberg University*; Shabana Bano, *Banaras Hindu University*; R. C. Mishra, *Banaras Hindu University*; Sushma Pandey, *D.D.U. Gorakhpur University*; Nona Moskowitz, *Wittenberg University*

We investigated the socialization of ingroup-outgroup understanding in India and the U.S., comparing concepts taught to adolescent students by 125 Buddhist, Christian, Hindu, and Muslim religion instructors. Content analysis of essay responses yielded both similarities and differences among these Dharmic and Abrahamic religions, with all groups valuing mutual respect.

## **5 Mindfulness in The Black Community**

**Amber Herbst**, *Marquette University*; **Karisse Callender**, *Marquette University*

Researchers expect to find specific themes regarding the way in which the Black community perceives and practices mindfulness. Findings of this research will allow clinicians, researchers, and others in the helping professions understand and identify culture-specific mindfulness practices for the Black Community.

## **6 Post Fractal Exposure Emotional Recognition**

**Nathaniel Pagel**, *University of North Dakota*; **Richard Ferraro**, *Univ. North Dakota*

This study investigates the "fractal fluency model" - the theory that humans have evolved to process certain levels of natural environmental complexity more efficiently. The findings challenge the hypothesis that fractal complexities improve or hinder levels of performance, showing no significant impact on emotion identification tasks following short-term fractal exposure.

## **7 Approach Versus Withdrawal Anger and Reading Processes**

**Macy Rieman**, *Ball State University*; **Anjolie Diaz**, *Ball State University*; **KRISTIN RITCHEY**, *BALL STATE UNIVERSITY*; **Lydia LaChance**, *Ball State University*; **Catherine Davis**, *Ball State University*

When examining the connection between affect and reading processes, the motivational direction of emotion is often overlooked but should be considered to potentially explain inconsistencies in previous literature. Using an emotion-induction technique, this study examines how approach- and withdrawal-oriented anger influences reading processes, while taking reading ability into consideration.

## **8 Emotion-Regulation Benefits of Music Listening versus Talking with Others**

**Jeffrey Kahn**, *Illinois State University*; **Aubrey Thimesch**, *Illinois State University*; **Emma Walis**, *Illinois State University*; **Mallory Bopp**, *Illinois State University*

Despite their overt differences, music listening and talking with others may share similar benefits when used to regulate emotions. This poster displays results of a 14-day diary study that directly compared how much these strategies allowed for emotional expression, increased emotional awareness, gaining a shared experience, and interpersonal support.

## **9 A Place to Feel Bad: Environmental Regulation of Negative Affect**

**Breanna Smith**, *Indiana State University*; Virgil L. Sheets, *Indiana State University*

An online survey assessed use of places to regulate their negative affect. Results suggest this may be a common and successful strategy for dealing with negative feelings. It seems especially used by people high in sensory processing sensitivity and/or neuroticism and other Big-5 traits.

## **10 Losing a Loved One During the COVID-19 Pandemic**

**Madeline Darmanin**, *University of Indianapolis*; Carlie Grogan, *University of Indianapolis*; Hui Zhang, *University of Indianapolis*

This study explores the grief experiences of those bereaved during the COVID-19 pandemic, aiming to comprehend the emotional and psychological dimensions of grief. Focusing on the unique challenges that occurred throughout final farewells under health-related safety measures, contributing to understanding psychological well-being and resilience during bereavement in extraordinary circumstances.

## **11 Strong and Decisive: Ability Emotional Intelligence Predicts Attitude Strength Indicators**

**Roberta Irvin**, *North Dakota State University*; Michael Robinson, *North Dakota State University*

Following recent theorizing that emphasizes the role of evaluative expertise in ability-related emotional intelligence (ability EI), the present research found that ability EI was positively associated with three distinct indicators of attitude strength –extremity, affect-cognition-behavior congruence, and attitude certainty. High EI individuals appear to make more decisive evaluations.

## **12 Perceived Aggression is a Salient Encoding Dimension of Dog Breeds**

**Jacob Vaughn**, *Texas Tech University*; Philip Marshall, *Texas Tech University*

We investigated with a free sorting task the relative saliencies of perceived behavioral tendencies (aggressiveness) versus physical weight of dogs on peoples' encodings of 20 breeds. Perceived aggression coding yielded greater saliency than weight coding ( $p < .001$ ), and image presentation yielded greater values for aggression coding ( $p < .001$ ).

### **13 Does Agreeableness Play a Role in Emotional Reactivity?**

**Hamidreza Fereidouni**, *North Dakota State University*; Roberta Irvin, *North Dakota State University*; Michael Robinson, *North Dakota State University*  
Agreeableness is linked to social cognitive processes (e.g., trust, empathy, mentalizing) that may give rise to higher levels of emotional reactivity. In a paradigm involving continuous reactions to emotional images, two studies found that agreeable (relative to disagreeable) individuals exhibited stronger reactions at peak intensity, irrespective of stimulus valence.

### **14 The Relationship Between Cognitive Flexibility and Rumination: An Eye-tracking Study**

**Sara Lindeblad**, *Northern Michigan University*; Jamie Stafford, *Northern Michigan University*; Alexa Murray, *Northern Michigan University*; Abby Morley, *Northern Michigan University*; Anna Patterson, *Northern Michigan University*; Makayla Mattson, *Northern Michigan University*; Megan Bliesener, *Northern Michigan University*; Tate Bundy, *Northern Michigan University*; Joshua Carlson, *Northern Michigan University*; Lin Fang, *Northern Michigan University*

Cognitive flexibility is the ability to adjust behavior in response to a changing environment. It is anti-correlated with the usage of maladaptive emotion regulation strategies, such as rumination. The purpose of this study is to investigate the relationship between rumination and cognitive flexibility in an eye-tracking paradigm with affective stimuli.

### **15 The Role of Perfectionistic Concerns in Interpersonal Emotion Regulation**

**Stephanie Manuel**, *Queen's University*; Jill A. Jacobson, *Queen's University*  
Individuals often turn to others for help with managing their emotions, a process termed *interpersonal emotion regulation (IER)*. However, factors that predict IER use and effectiveness are not well understood. In a study of romantic couples, we investigated the role of partner-specific perfectionistic concerns in IER use and effectiveness.

### **16 The Power of Gender/Sex Stereotypes in Emotion Perception**

**Natalie Strand**, *Pennsylvania State University*; Reginald Adams Jr., *The Pennsylvania State University*

This research examines the impact of gender/sex-related stereotypes on emotion perception. We demonstrate that men are expected to amplify more powerful expressions whereas women are expected to amplify more affiliative emotions. Ongoing work seeks to understand how top-down

processes influence emotion perception at the intersection of gender/sex and race.

### **17 Implicit Emotion Regulation: Exploring Reappraisal, Suppression, and Acceptance**

**Joia Wesley**, *Marquette University*; Sara Swaneck, *Marquette University*  
Reappraisal and suppression dominate current understandings of implicit emotion regulation (IER) underscoring the need to examine other strategies. The current study aims to examine differences in IER. We hypothesize that high accepters, high reappraisers, and flexible regulators will experience less distress during a distressing image task compared to suppressors.

### **18 The Role of Shift Support in Firefighters' Mental Health Stigma**

**Miranda Stouffer**, *Thomas More University*; Caitlin Powell, *Thomas More University*

This study investigates the effects of shift support on firefighters' mental health stigma. We will also explore the mediating roles of emotional IQ and masculine honor beliefs. We expect that an unsupportive shift will lower emotional IQ scores and raise masculine honor beliefs, which in turn would increase mental health stigma.

### **19 Benefit Valuation and Gratitude**

**Qizhou Duan**, *University of Notre Dame*; Chenlingxi Xu, *University of Notre Dame*; Lee Kirkpatrick, *College of William and Mary*; Isabel Ye, *College of William and Mary*

Our study investigates how benefit valuation predicts gratitude. We improved the questionnaires used by Forster et al. 2017 to measure how grateful a person is when he/she receives some benefits. We found that gratefulness depends both on how much benefits were administered/received and the expectations of the benefits.

### **20 Religious Framing, Moral Foundations and Identity: A Replication and Extension**

**Luke W. Galen**, *Grand Valley State University*; Marie Hosep, *Grand Valley State University*; Brianna Mucciante, *Grand Valley State University*

Two previous pre-registered studies revealed that administering general religion measures had a framing effect, reducing scores on subsequent binding moral foundations and moral self-identity. In a replication and extension, the present study will administer contrasting religious measures (i.e., fundamentalism vs. spirituality) to elucidate the framing mechanism.

## **21 Moral Identity Evaluations, Varying Occupational Prototypes, and Morality Centrality**

**Seth Kosanovich**, *Knox College*; Jonathan Doriscar, *Northwestern University*

This research investigated the perceived centrality of morality to the identity and behavior of various occupations. We found that the moral identity of varying occupations can be inferred consistently across various contexts, suggesting that occupational identities are associated with certain moral traits.

## **22 Implicit Moral-self Associations as Predictors for Action**

**Kelly McEnerney**, *Southeast Missouri State University*

Traditional methods for assessing moral development have limitations in predicting moral behavior. This study examines how context and implicit associations influence moral actions. Undergraduates will undergo care or justice priming and take an implicit association test. Findings should enhance our understanding of moral development within a social information processing framework.

## **23 Neurological effects of character choice in a novel videogame task**

**Elijah Nieman**, *Northern Michigan University*; Jon Barch, *Northern Michigan University*; Joshua Carlson, *Northern Michigan University*

Participants were either allowed to choose or were assigned a character to play in a novel infinite runner task. Perceptions of autonomy and interest in the task were measured to explain neurological differences after success and failure, analyzed using electroencephalography (EEG).

## **24 Motivation and Physical Activity During the COVID-19 Pandemic**

**Kelly Callen Magallon**, *Rosalind Franklin University*; Kristin Schneider, *Rosalind Franklin University of Medicine and Science*; Emilie Green, *Rosalind Franklin University of Medicine and Science*

Using the self-determination theory framework, we hypothesized that physical activity (PA) would moderate the relationship between extrinsic motivation and anxiety. We examined whether social support or exercise identity moderated the relationship between extrinsic motivation and PA. We hypothesized that intrinsic motivation would moderate the relationship between extrinsic motivation and PA.

## **25 The Impact of Racial Status Threat on Race-Related Conspiracy Endorsement**

**Zein Saleh**, *University of Nebraska-Lincoln*; Ingrid Haas, *University of Nebraska-Lincoln*; Pierce Ekstrom, *University of Nebraska-Lincoln*

Prior research indicates demographic change triggers anxiety and conspiracy beliefs in White Americans. This study examines the influence of racial threat and political ideology on race-related conspiracy endorsement. In a pre-registered experiment, we assigned participants a news article about emerging minority-majority population shifts, or a control, and measured conspiracy endorsement.

## **26 Predictors of Extreme vs. Moderate Conspiracy Theories**

**Brett Burton**, *The Ohio State University*; Richard Petty, *Ohio State University, Columbus*; Joseph Siev, *The Ohio State University*; Grace Edmonds, *The Ohio State University*

Recent work indicates that political uncertainty is more likely to lead to extreme, rather than moderate political behaviors. Uncertainty also predicts increased belief in extreme conspiracy theories and decreased belief in moderate conspiracy theories for Republicans.

## **27 Political Orientation and Abortion Context's Impact on Abortion Attributions**

**Gabriella Petruzzello**, *Central College*; Keith Jones, *Central College*; Natalia Mindowicz, *George Washington University*

Given the nuanced nature of abortion attitudes, Attribution Theory offers a way to understand perceptions of abortion patients. This study assessed the effects of ideology, context, and disgust on abortion attributions. Main effects and an interaction between ideology and context were found. Implications will be discussed.

## **28 Naïve Realism and Lay Explanations for Voting Decisions**

**Jared Boots**, *University of Minnesota Duluth*; Madeleine Hill, *University of Minnesota Duluth*; John Blanchar, *University of Minnesota Duluth*

Two studies examined open-ended explanations for voting decisions in the 2016 and 2020 US Presidential Elections. Consistent with naïve realism, partisans attributed votes for their candidate to rational considerations and votes for opposing candidates to biases. Lay explanations were bolstered by measures of perceived objectivity, ideological extremity, and global evaluations.

### **29 Therapist Knowledge and Attitudes about Political Advocacy with Clients**

**Jessica Rohlfing Pryor**, *Northwestern University*; **Matt Pryor**, *University of Illinois at Urbana Champaign*; **Emily Levine**, *Northwestern University*  
Second-wave feminism identified “the personal as political” (Hanisch, 1971). Since then, a small body of literature has identified practicing psychologists as political advocates for clients. In this study we examine whether therapists believe it within the scope of their practice to advocate for client engagement in the American political process.

### **30 The Effect of Elaboration on Partisan Bias**

**Bradley Castiglia**, *University at Buffalo, SUNY*

Does increased deliberation reduce partisan bias or selectively bolster individual's political identity? We predict partisan bias will directly affect attitudes under low elaboration and indirectly influence attitudes under high elaboration by modifying thought valence. If supported, this would suggest bias can emerge via low or high thinking processes.

### **31 Food Parenting: Associations with Child Body Size and Supportive Coparenting**

**Adelyn Sherrard**, *University of Toledo*; **Marian Estifan**; **Frances Lauten**, *The University of Toledo*; **Michael Vang**, *University of Toledo*; **Cin Cin Tan**, *University of Toledo*

Parents (n = 185) of 3- to 8-year-old children were recruited for a survey. Parents' perceptions of child body size and supportive coparenting interacted to predict coercive control food parenting. Parents' perceptions of child body size and supportive coparenting predicted structure-based food parenting, and supportive coparenting predicted autonomy-promoting food parenting.

### **32 Are my food parenting styles similar to my parents?**

**Michael Vang**, *University of Toledo*; **Adelyn Sherrard**, *University of Toledo*; **Frances Lauten**, *The University of Toledo*; **Cin Cin Tan**, *University of Toledo*  
Research on the association between grandparents's food parenting and parents' current food parenting have generated mixed results. Thus, the study examined the relationship between parents' recall of their parents' food parenting and their current food parenting. Results suggest a positive correlation between recalled and current food parenting styles.



### **33 Mind-mindedness in Parents of Preschoolers Diagnosed with Autism Spectrum Disorder**

**Brenda Lundy**, *Purdue University Fort Wayne*; Mercedes Lee, *Purdue University Fort Wayne*; Haley Crouch, *Purdue University Fort Wayne*; Drayton Kidder, *Purdue University Fort Wayne*; Kameiya Slaughter, *Purdue University Fort Wayne*; Mimi Aretha Ahiakwo, *Purdue University Fort Wayne*; Brayden Langdon, *Purdue University Fort Wayne*

The present research examined parents' tendency to represent the mental processes of children diagnosed with ASD. Parents of children with ASD provided more comments of a negative valence, compared to parents of non-ASD children. The negative comments may reflect parental insight and the use of less harsh parenting practices.

### **34 Associations between the broad autism phenotype and parent-child relationships**

**Elizabeth McRae**, *The University of Alabama*; Josie Ricketts, *The University of Alabama*; Laura Stoppelbein, *University of Alabama*

Parents of autistic children can experience attachment difficulties and limited quality of the parent-child relationship. We hypothesize that the broad autism phenotype will be negatively correlated with some aspects of the parent-child relationship and positively correlated with others. We expect findings to support a "goodness of fit" paradigm of parenting autistic children.

### **35 Forced Submissiveness, Peer Attachment, and Internalizing Outcomes: A Moderation Analysis**

**Avleen Walia**, *The University of Toledo*; Lauren Kramer, *University of Toledo*; Mackenzie Tanner, *The University of Toledo*; Bailey Crittenden, *University of Toledo*; Sarah Francis, *University of Toledo*

Despite the well-established associations between parenting and mental health, little research has explored the potential "buffering" effect of peer relationships between them and rarely examines novel parenting constructs. In this research, we expect to find that peer attachment quality attenuates the impact of early forced submissiveness on adolescent internalizing symptoms.

### **36 Examining Parental Involvement Discrepancies, Marital Satisfaction, and Well-Being During Infancy**

**Logan Rios**, *Western Kentucky University*; Diane Lickenbrock, *Western Kentucky University*; Alyssa Swift, *Western Kentucky University*; Hailey Borges, *Western Kentucky University*

Parental involvement disagreements may indicate decreased partner support and well-being. This longitudinal study explores the association between discrepancies in parental involvement reports, marital satisfaction, and well-being. Results suggest that marital satisfaction may buffer the negative impact of involvement discrepancies on well-being; agreements in childcare may be important for well-being.

### **37 Psychological adjustment among parents of children with ADHD**

**Cara Allen**, *University of Illinois College of Medicine Rockford*

Parents of children with ADHD are known to have higher levels of parenting stress than parents of children who do not have ADHD and may be at risk for poor mental health. The aim of this study was to examine relationships among different child impact domains and psychological adjustment.

### **38 Exploring Emotion: Exploration and Childhood Unpredictability Predict Emotion Regulation Strategies**

**Justin Jackson**, *University of Minnesota Duluth*; Madeline Harms, *University of Minnesota Duluth*

Our study aimed to investigate whether childhood unpredictability and exploration tendencies predict two contrasting emotion regulation strategies: cognitive reappraisal and emotional suppression. Our results suggested that exploration is a predictor of emotion suppression and cognitive reappraisal, and greater childhood unpredictability predicts lower use of cognitive reappraisal.

### **39 Child Behavior and Maternal Internalizing: Indirect Associations through Parenting Stress**

**Madeleine Piper**, *Northern Illinois University*; Colleen Bartlett, *Northern Illinois University*; Ashley Horodyski, *Northern Illinois University*; Elizabeth C. Shelleby, *Northern Illinois University*; Laura Pittman, *Northern Illinois University*; David Bridgett, *Northern Illinois University*

The COVID-19 pandemic uniquely impacted mothers and children, contributing to a rise in both child behavior issues and parenting stress. The objective of this project was to assess parenting stress as a potential mediator of the relationship between child behavior problems and maternal internalizing symptoms in the context of COVID-19.

### **40 Caregiver Attachment and Relationship Quality with Daily Affect and Stress**

**Paulina Wüstefeld**, *Western Illinois University*; Paige Goodwin, *Western Illinois University*; Robert C Intrieri, *Western Illinois University*

Dementia caregivers' daily affect and stress were examined in relation to attachment style and relationship quality (RQ) with care recipient. Higher current positive RQ was associated with lower stress. Higher current negative RQ was associated with more negative affect and stress. Both attachment anxiety and avoidance were related to less

#### **41 Weight, Exercise, and Diet-talk: The Impact on the Parent-child Relationship**

**Dijana Mitrovic**, *University of Wisconsin, Parkside*; Erik Johnson, *University of Wisconsin, Parkside*; Jacob Munter, *University of Wisconsin, Parkside*; Athena Garay, *University of Wisconsin, Parkside*; Erin Hillard, *University of Wisconsin Parkside*

In the current study, we are investigating the influence of parent-child weight and diet-related conversations on the parent-child relationship in emerging adulthood. We hypothesize that more negative parent-child weight and diet-related conversations will predict lower relational cohesion and more insecure parent attachment in emerging adulthood.

#### **42 College Student Perspectives on Relationships With Grandparents**

**Ryan del Alcazar**, *Carthage College*

How do grandchildren view grandparenting and their own relationship with grandparents? What are the views of grandchildren on how their grandparents have influenced them psychosocially, academically, financially, and religiously? This study aims to answer these questions to understand further how grandchildren are affected by their grandparents.

#### **43 Feelings Unfettered: Linking Adult Attachment Status to Bipolar Symptom Courses**

**Zachery Hurd**, *University of Michigan-Dearborn*

Insecure adult attachment status has been associated with risk for depression in adulthood. The impact of adult attachment status on symptom course in Bipolar Disorder, however, is unclear. We expect to find that adult attachment styles is linked to symptom course trajectories in a large sample of individuals with Bipolar Disorder.

#### **44 Strengthening Friendships Through Gossip and Increasing Shared Reality**

**Erin McCoy**, *Carleton University*; Atara Lonn, *Carleton University*; Cheryl Harasymchuck, *Carleton University*

It was hypothesized that people who report gossiping more with their best friend would also report greater perceptions of shared reality, and in turn would report greater friendship satisfaction. Our analyses supported this hypothesis, suggesting that gossip may be beneficial for close friendships.

#### **45 Building Self-Control in Children**

**Megan Rodgers**, *Governors State University*; **Alli Cipra**, *Governors State University*

An analysis of 50 articles revealed an association between early risk factors for criminal behavior and violence exposure. The General Theory of Crime relies upon parental management for self-control development. However, parental management lacks in domestic violence situations. Educational management as intervention (e.g., SEL) may act as a mediating factor.

#### **46 Recollections from Chatbot Conversations vs. Conversations with Humans**

**Michelle Drouin**, *Purdue University Fort Wayne*; **Alyssa McKinley**, *Purdue University Fort Wayne*; **Honey Fender**, *Purdue University Fort Wayne*; **Kaylee Spurlock**, *Purdue University Fort Wayne*; **Claire Pape**, *Purdue University Fort Wayne*; **Dymond Barbre**, *Purdue University Fort Wayne*; **Jarred Bowser**, *Purdue University Fort Wayne*

In a post-interaction follow-up study with 101 college students, participants did not display a positive bias regarding interactions with a chatbot two weeks post-interaction. Both contemporaneously and over time, conversations with humans (face-to-face, video, phone, and instant message) were rated as more appealing than chats with the Replika chatbot.

#### **47 Sexual Touching while Sleeping and Alcohol Intoxication**

**Michelle Drouin**, *Purdue University Fort Wayne*; **Tara Cornelius**, *Grand Valley State University*; **Ellie Dart**, *Purdue University Fort Wayne*; **Manal Ali**, *Purdue University Fort Wayne*; **Elaine Hohman**, *Purdue University Fort Wayne*; **Mercedes Lee**, *Purdue University Fort Wayne*; **Jessica Luchies**, *Purdue University Fort Wayne*

In our sample of 726 college students, 32% of individuals reported waking up to someone touching them sexually while they were sleeping. Overall, 30% of these individuals had been drinking at least once when this occurred, and this was equally likely among men, women, and nonbinary individuals.

#### **48 Contexts Preceding and Reactions to Sexual Touching While Sleeping**

**Michelle Drouin**, *Purdue University Fort Wayne*; **Tara Cornelius**, *Grand*

*Valley State University; Colton Mattox, Purdue University Fort Wayne; Mackenzie Eitnrear, Purdue University Fort Wayne; Robert Nicola, Purdue University Fort Wayne; Nikki Jones, Purdue University Fort Wayne; Meka Schwartz, Purdue University Fort Wayne*

In our study of 390 students, we found that sexual touching while sleeping is often preceded by sexual behavior, sexual conversations, and sexual advances prior to sleep, and this occurs in both partner and nonpartner contexts. Short- and longer-term responses to this sexual touching vary greatly by relationship type.

#### **49 Difficulties in Emotion Regulation and the Formation of Interpersonal Closeness**

**Jennifer Truitt**, *Bowling Green State University; Daniel Maitland, Bowling Green State University*

Difficulties in emotion regulation can interfere with building interpersonal closeness, and this study seeks to clarify this process. We hypothesize that participants' emotion regulation difficulties will result in less interpersonal connection during a closeness generating task, which may be a function of less vulnerable self-disclosure and perceptions of others' responsiveness.

#### **50 Relationship between physiological sexual functioning and sexual satisfaction: Moderating factors**

**Samuel Eshleman Latimer**, *Xavier University; Kyle Stephenson, Xavier University*

We evaluated whether cognitive and demographic factors influence whether sexual function predicts sexual satisfaction. We found that autonomy moderated the relationship between sexual function and satisfaction, age moderated the relationship between orgasm and sexual satisfaction, and for male-identified participants, sexual self-acceptance moderated the relationship between sexual function and sexual satisfaction.

#### **51 Perceptions of Bisexual Women's Authenticity in the Dating Context**

**Lucas Baron**, *Toronto Metropolitan University; Jason Deska, Toronto Metropolitan University*

Bisexual women balance competing sets of gender norms when dating men and women. Many adapt their behavior and dress according to the gender of the person they are dating to embrace their sexual identity most authentically. We investigate whether this leads them to be perceived as even less authentic.

## **52 Insights from Interracial Couples: Enhancing Relationship Quality Through Communication**

**Jahlea Douglas**, *Indiana University*; James Brooks, *Indiana University*;  
Dionne Hawkins-White, *Indiana University*

The purpose of this study is to identify patterns in the advice those in interracial relationships may receive from others in interracial relationships. Though messages are diverse, four broad themes emerged and included color-blind perspectives, critical racial commentary, and different types of encouragement among others.

## **53 Emotional Reactions Related to Partner Motives for Specific Sexual Incentives**

**Craig A. Hill**, *Purdue University Fort Wayne*; Jessica Luchies, *Purdue University Fort Wayne*; Colton Mattox, *Purdue University Fort Wayne*;  
Chloe Miller, *Purdue University Fort Wayne*

Participants rated separate scenarios emphasizing each of 11 intrinsic and extrinsic sexual motives expressed by a hypothetical partner. For intrinsic motive scenarios, positive emotions and desire to continue the relationship were greater than for extrinsic motive scenarios, whereas negative emotions were lower, supporting proposed hypotheses.

## **54 Effect of Loneliness on Relationships and Social Media Usage**

**Gabriel Minchev**, *University of Chicago*; Anita Restrepo, *Healthy Brain Network*; Greg Norman, *University of Chicago*

This study seeks to expand the understanding of loneliness and the way in which it plays a role in people's lives. Specifically, the study will look at older adults and the effect of their relationship status and satisfaction, respectively, on their social media usage as moderated by loneliness.

## **55 Similarity vs Self-expansion as Motivation for Dating among Friends**

**Danielle Voges**, *Indiana State University*; Virgil L. Sheets, *Indiana State University*

Testing the self-expansion model, students identified characteristics of friends they would and would not date. Contrary to predictions, dateable friends were more similar to self than non-dateable friends. However, consistent with predictions, dateable friends were also identified as greater sources of self-expansion.

## **56 Associations between Social Media Usage and Body Image among Couples**

**Imani Allen**, *University of Toledo*; Kyrie Heath, *University of Toledo*; Frances Lauten, *The University of Toledo*; Adelyn Sherrard, *University of Toledo*; Michael Vang, *University of Toledo*; Cin Cin Tan, *University of Toledo*

Parents (N=185) of young children completed surveys on social media use and body dissatisfaction. Social media use was not associated with body dissatisfaction for men and women. Male media use was positively correlated with dissatisfaction with their partners and perceived partner's dissatisfaction with self for men but not for women.

## **57 Dating App Use Among Emerging Adults: Mental Health and Objectification**

**Madison Streb**, *Saint Louis University*

Dating apps are commonplace among emerging adults looking for romantic and sexual relationships. This study explored the connection of dating app use to other-objectification and mental health outcomes in 231 emerging adults. Significant sex differences were demonstrated in objectification attitudes and the use of dating apps for casual sex.

## **58 A Quantitative Study on Microaggression within Interracial Couples**

**Sojung Jang**, *Indiana University Bloomington*; James Brooks, *Indiana University*

We explore the impact of intimate racism (e.g., microaggressions from one's partner) on relationship quality and sexual satisfaction for Asian/Asian American women in romantic relationships with White, U.S. native men. We examine whether the association between experiences of intimate racism and sexual satisfaction is mediated by relationship quality.

## **59 Perceptions of Romantic Partner Stress: Accuracy, Bias, and Outcomes**

**Jessica LaBuda**, *University of Findlay*; Mackenzie Schneider, *University of Findlay*; Mackenzie Lape, *University of Findlay*; Ava Doster, *University of Findlay*; Jordan Haines, *University of Findlay*; Matthew Warner, *University of Findlay*; Taylor Banta, *University of Findlay*

We examined romantic partners' accuracy and bias in perceiving each other's daily internal (i.e., relationship relevant) and external (i.e., outside of relationship) stress and whether biased perceptions of partner stress,

compared to accurate perceptions, are associated with relationship outcomes and positive and negative emotions.

### **60 A Communications and Emotional Analysis of BDSM Race Play Experiences**

**Anjali Gottipaty**, *Indiana University*; James Brooks, *Indiana University*; Yael Rosenstock Gonzalez, *Indiana University*; Mishael Sims, *N/A*

Race play is an act of kink/BDSM in which racial inequalities are used to engage power dynamics. Study I addressed reactions to race play. Study II addresses implications for those engaged in race play. Reactions to and the impact of race play experiences varies based on racial and sexual ideologies.

### **61 How Mixed-Orientation Marriages Challenge Heteronormative Norms and Harness Support**

**Ian Sneller**, *Wheaton College*; Miya Moore-Felton, *Regent University*; David Cook, *Regent University*; Mark Yarhouse, *Wheaton College*; Olya Zaporozhets, *Regent University*

Mixed orientation Marriages (MOM) are where one spouse identifies as straight, and the other does not. Those in MOM receive negative evaluations from others, leaving those in MOM feeling isolated. The purpose of this study was to explore how those in MOM live outside heteronormativity and how they access support.

### **62 Why Do They Break Up?: Predictive Role of Relationship Beliefs Ezgi Besikci**, *Usak University*; Gizem Yay, *Usak University*

In the current study, we aim to investigate the potential link between relationship beliefs and reasons to break up. With this aim, we plan to collect data from a sample of undergraduate Turkish students and to test the predictive role of relationship beliefs on particular reasons to split up using multiple regression analyses.

### **63 Predicting Prospectively Reported Intimate Partner Violence**

**Jody Ross**, *Purdue University, Fort Wayne*; Sarah Cisz, *Purdue University Fort Wayne*; Makenna Adams, *Purdue University Fort Wayne*; Rose Brunjes, *Purdue University Fort Wayne*; Ted Gllafce, *Purdue University Fort Wayne*; Claire Kitchel, *Purdue University Fort Wayne*; Chloe Miller, *Purdue University Fort Wayne*

Hierarchical regression was used to predict prospectively-reported IPV perpetration, above and beyond (a) prior use of violence in the relationship,



and (b) one's partner's use of violence. Antisocial personality traits, and for women, lenient IPV attitudes, as reported at Time 1, were associated with IPV at Time 2.

#### **64 Black College Women's Sexual Pleasure and Mental Health**

**Alexis Briggins**, *Indiana University*; James Brooks, *Indiana University*

Through semi-structured interviews, this project explores Black college women's understanding of the connection between sexual pleasure and mental health. In contrast to prior research focusing on harm reduction, this study explores an intersectionality framework to investigate the sociosexual history and mental health experiences of Black college women.

#### **65 Predicting Marital Longevity from 'How They Met' Stories**

**Yingxue Liu**, *University of Chicago*; Youngjae Cha, *University of Chicago*; Shigehiro Oishi, *University of Chicago*

What determines the longevity of a marriage? Analyzing 'how they met' stories from The New York Times Wedding Announcements, we tested whether these narratives predict marital outcomes. Using LLMs (ChatGPT), we found that couples who stay together often share more interesting 'met' stories. Thematic analysis suggests that this may reflect the strength and qualities of enduring partnerships.

#### **66 The Language of Dating: Exploring Diverse Dating Dynamics on #open**

**Rose Bern**, *UC Davis*; Hailey Wooten, *UC Davis*; Amy Moors, *Chapman University*

This study leverages data (n=59,951) collected by consensual nonmonogamous dating app #open, examining gender, sexuality, and hashtag usage (i.e., words members use to express preferences). By leveraging machine learning techniques, we expect to find that women and LGBT+ individuals seek friendship and community by utilizing companionate-based language.

#### **67 Religious affiliation and women's sexual self-schemas**

**Faith O'Leary**, *Roosevelt University*; Jill Coleman, *Roosevelt University*; Alana Friedlander, *Roosevelt University*

This study examined the differences in sexual self-schema scores between religious and non-religious women. Findings indicate that there were no significant differences in sexual self-schema scores between women that were affiliated with a religion and those that were not.

## **68 Religious Shift and Credibility Displays: Exploring (Non)Religiosity in Iran**

**Mazyar Bagherian**, *University of Illinois at Urbana-Champaign*; Peyman Sayyad, *Shams Higher Education Institute*; Kimberly Rios, *University of Illinois at Urbana-Champaign*

This study examines religious shift in Iran, where official census suggests near-universal adherence to Islam. We investigate credibility-enhancing and undermining displays across various social levels and their impact on (non)religious identification. Findings revealed the influence of these factors on (non)religiosity, introducing the need for nuanced discussions in diverse cultural contexts.

## **69 Can Religious Identity Moderate Associations Between Religious Coping and Anxiety?**

**Hiba Dedmari**, *Miami University, Ohio*; Mohd Afsar, *Christ University Delhi NCR campus*; Kelechi Uzoegwu, *Miami University*; Vaishali Raval, *Miami University*

Anxiety concerns are prevalent in low and middle-income countries (LMIC). While religious coping is an effective coping tool, little research has examined the role of religiosity in LMICs. Focusing on India, this study aims to examine the moderating role of religious identity between religious coping and anxiety symptoms.

## **70 Religiosity, Religious Coping, and Self-Efficacy Correlate with Well-Being**

**Jonathan Miller**, *Lipscomb University*; Catherine Ross, *Oklahoma Christian University*; Aspyn Osburn, *Oklahoma Christian University*; Aurora Walker, *Oklahoma Christian University*; Alex Cash, *Oklahoma Christian University*

Religiosity, religious coping, self-efficacy, and well-being were examined in participants ( $n = 106$ ) who completed survey measures including: New Indices of Religious Orientation, Religious Doubt Scale, Brief RCOPE, Generalized Self-Efficacy and PANAS, Satisfaction with Life Scale. Findings indicate that religiosity, religious coping, and self-efficacy all correlate with measures of well-being.

## **71 Inner demons: The relationship between internalized shame, religiosity, and psychopathology**

**Elaxis Spence**, *Cleveland State University*

The present study aims to elucidate the relationship between religious coping strategies and psychopathology; internalized shame, often overlooked, may clarify why religious coping is effective for some and exacerbates distress for others. Clinicians may benefit from understanding whether internalized shame may be an effective intervention target among religious clients.

## **72 Examining Faith, Diversity, and Community Participation**

**Sonja A. Trent-Brown**, *Hope College*; Alexis Koehl, *Hope College*; Ka'niya Houston, *Hope College*

Faith centrality and connecting with people from various backgrounds is explored, discussing centrality of religiosity, community participation, and comfort engaging across diverse identities. We expect individuals with a stronger centrality of religiosity to have a greater sense of connectedness as being an important part of being a person of faith.

## **73 The Ideal Man**

**Doug Krull**, *Northern Kentucky University*; Isabelle Zerhusen, *Northern Kentucky University*

Participants rated 12 traits about an ideal man. In general, different 12 traits were related to gender (e.g., gentle), general religiosity (e.g., provide for those he loves), and Bible knowledge (e.g., humble). These results suggest that how religiosity is related to ideal traits for men depends on the measure of religiosity.

## **74 Investigating Expected Difficulty's Influence on Videogame Character Customization**

**Tyler Robinson**, *Murray State University*; Javier Mora, *Murray State University*; Patrick Cushen, *Murray State University*

Research suggests individuals with higher life satisfaction customize digital avatars similar to themselves, whereas the opposite is true for persons with low life satisfaction. The current study sought to test whether other factors (e.g., expected-difficulty of the task and self-esteem) influence character customization and immersion in a videogame task.

## **75 Migrations of the Self: The Prosocial Heart in Daily Life**

**Michael Robinson**, *North Dakota State University*; Roberta Irvin, *North Dakota State University*

In folk theory, it is the heart rather than the head that is the locus of prosocial sentiment (Neimeier, 2008). Consistent with folk theory, two daily diary studies revealed that levels of prosocial functioning were higher on days that the self was perceived to be heart-located (versus head-located).

## **76 Inauthenticity as a Predictor of Depression among University Students**

**Jane Carver**, *Washburn University*; Tucker Jones, *Washburn University*

More research is needed on how being inauthentic may be related to depression. Preliminary results suggest that as undergraduates start to feel more inauthentic, they are more likely to experience depressive symptoms. Such findings have the potential to assist mental health professions as they work with depressed individuals.

## **77 Paradigm Shift: Using Antiracism to Mitigate Self-Threat**

**Kaelan Vazquez**, *DePaul University*; Verena P Graupmann, *DePaul University*; Ellen Dulaney, *DePaul University*; Miguel Vazquez, *DePaul University*

The 2020 BLM protests increased antiracism efforts and critiques of racial inequity. For some people, these conversations were threatening to the self. Manipulating Kendi's antiracism messaging, we found that engagement with antiracism disentangled self-threat from racial inequity. Antiracism messaging might promote more open conversations on race and inequity in America.

## **78 Awe and Self-Enhancement**

Ava Szatmary, *Creighton University*; Noah Ford, *Creighton University*; Lauren Jensen, *Creighton University*; Maddie Amspaugh, *Creighton University*; Kelly Bach, *Creighton University*; **Corey Guenther**, *Creighton University*

Awe experiences are argued to diminish self-interest and promote humility. The self-enhancement literature, however, argues that self-enhancement often persists under conditions it is expected not to. The present research directly investigated whether awe reduces self-enhancement and found that, counter to the prevailing belief, self-enhancement endures in the presence of awe.

## **79 Migrations of the Self: The Head and Heart Experiments**

**Muhammad Asad**, *North Dakota State University*; Lauren Hornbacher, *North Dakota State University*; Michael Robinson, *North Dakota State University*

Two experiments examined whether perceived bodily locations for the self interact with semantic sources of meaning. Consistent with prominent metaphors for the head and the heart, thinking about relationships moved

perceived self-locations downward and pointing at the head led participants to perceive that presented activities were more intellectual in nature.

### **80 Measuring Impostor Phenomenon in the Archival Profession**

**Taylor Flinn**, *Illinois State University*; April Anderson-Zorn, *Illinois State University*

We investigate the prevalence of imposter phenomenon within the archives profession. Three-hundred and twenty-five archivists were recruited and completed an imposter phenomenon survey and were subsequently sorted into one of four categories based on their average. The results indicated that there was a significant difference between all four groups.

### **81 Examining How Self-Compassion Moderates Relationships Between Perfectionism and Mental Health**

**Acadia Bunin**, *Queen's University*; Louise Wasylikiw, *Mount Allison University*

The relationships among self-compassion, perfectionism and mental health were examined using a sample of undergraduates ( $N = 175$ ). Self-compassion was positively associated with mental health, and perfectionism was negatively associated with mental health. Contrary to predictions, self-compassion did not moderate the relationship between perfectionism and mental health. Implications are discussed.

### **82 Scrolling for Satisfaction: TikTok, Self-Control, and Emotional Well-being**

**Samuel Bibat**, *University of Indianapolis*; Jonathan Thang, *University of Indianapolis*; Hannah Carrie, *University of Indianapolis*; Jessica Golden, *University of Indianapolis*; Hui Zhang, *University of Indianapolis*

Previous research shows high-frequency TikTok users experience poorer mental health and academic performance. This ongoing study explores the mechanism of stress, self-control, and TikTok excessive use among college students. Specifically, the mediating effect of self-control and moderating effects of resilience and emotion regulation will be evaluated.

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**From Weak Ties to Intimate Partnerships: Insights from Relationship Science**

Saturday, April 20 | 10:30 AM - 12:00 PM

Salon 10

Attraction/close relationships is an important subarea within Psychology (and other disciplines). This symposium brings together several experts who have contributed to the field of personal relationships. The research presentations represent diverse research methods, including cross-sectional studies, laboratory experiments, meta-analyses, and the (experimental) vignette method. The types of relationships studied are also diverse, ranging from weak ties (acquaintances) to long-term, committed couples. Several themes will be emphasized including attraction, well-being outcomes from interpersonal interactions, stereotypes based on relationship behaviors, desire for relationships, types of love, and relationship maintenance. Our discussant (incoming President of the International Association for Relationship Research) will further highlight the themes in these presentations and discuss the interpersonal relationships field more broadly.

**Changes in Well-Being After a Brief Interaction with a Stranger**

SUSAN SPRECHER, Illinois State University

**A Sexual Stereotype Linking Sex in Casual Relationships with Low Self-Esteem**

SUSAN SPRECHER, Illinois State University JULIE VERETTE-LINDENBAUM, Russell Sage College, FIONA FLEMING, Illinois State University; YASMIN ODEH, Illinois State University; DIANE FELMLEE, Pennsylvania State University

**Validation of the Four-Factor Model of Love**

BEVERLEY FEHR, University of Winnipeg; Joanne Chung, University of Toronto; Aynsle Hinds, University of Winnipeg

**Relationship Maintenance: Knowledge and Self-Efficacy Among Singles Desiring Committed Relationships**

CHRISTOPHER R. AGNEW, Purdue University and KATIE N. ADAMS, Purdue University

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## **Impact of Trauma across the Lifespan on Multi-Valenced Emotion Processing**

Saturday, April 20 | 10:30 AM - 12:20 PM

Salon 1

Nearly 90% of adults and two-thirds of children younger than 16 will experience at least one traumatic event in their life, placing them at a heightened risk for developing post-traumatic stress disorder (PTSD). Trauma and PTSD can lead to broad, long-lasting psychological and physical problems across the lifespan. Emotion dysregulation and abnormal fear conditioning are well-established in individuals exposed to trauma. Specifically, traumatized individuals elicit atypical physiological arousal in response to fearful conditioned cues and demonstrate decreased ability to process and identify emotions, namely fear. However, comparatively less is known about the impact of trauma on response to neutral and reward cues as well as the unique impact of trauma occurring in childhood compared to in adulthood. The present studies aimed to elucidate the differential psychophysiology in response to fearful, neutral, and rewarding cues in individuals exposed to trauma during childhood and during adulthood. To do so, a task of conditioned fear, reward, and neutral responding were used in addition to an ecologically valid task of fearful, happy, and neutral face processing. Combined, this work aimed to test the impact of trauma experienced across the lifespan in response to multi-valenced emotion (i.e., not just fear).

### **PTSD and Physiological Response to Conditioned Fear and Reward**

MEGHAN M. BENNETT, Marquette University, TRISTAN A. BENJAMIN, Marquette University, KALEY DAVIS, Marquette University, KATE E. WEBB, McLean Hospital, SUSAN SANGHA, Indiana University School of Medicine, JACKLYNN FITZGERALD, Marquette University

### **Childhood Trauma and Physiological Response to Conditioned Fear and Reward**

TRISTAN A. BENJAMIN, Marquette University, KALEY DAVIS, Marquette University, MEGHAN M. BENNETT, Marquette University, KATE E. WEBB, McLean Hospital, SUSAN SANGHA, Indiana

University School of Medicine, JACKLYNN FITZGERALD, Marquette University

**PTSD and Physiological Response to Ambiguous Happy Faces**

KALEY E. DAVIS, Marquette University & JACKLYNN FITZGERALD, Marquette University

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**Memory and Belief**

Saturday, April 20 | 10:30 AM-11:30 AM

Salon 12

Moderator: Julie Campbell (Illinois State University)

**10:30 AM Evaluating How Judgments of Learning (JOLs) Impact Learning**

**Alexander Knopps**, *North Dakota State University*; Kathryn Wissman, *North Dakota State University*

Recent research suggests having learners make judgments of learning (JOLs) during practice can enhance learning. The current research evaluated how making JOLs versus engaging in retrieval practice versus restudying during practice impacts learning after both short and long delays.

**10:45 AM Graduate Students' Views on Recovered Memories and Body Memories**

**Evan Harrington**, *Chicago School of Professional Psychology*; Ketty Blum, *Chicago School of Professional Psychology*; Sara Gordon-Blake, *Chicago School of Professional Psychology*; Mary Luck, *Chicago School of Professional Psychology*; Marlaina Asvestas, *Chicago School of Professional Psychology*

Psychology graduate students were surveyed regarding traumatic memory. Results showed high endorsement of reconstructive memory while also providing high rates of endorsement of the accuracy of hypnosis to aid recall of traumatic memory, that the mind permanently stores all experiences, and of the concept of body memories.

**11:00 AM Memory and Beliefs: Evidence from the Field**

**INVITED SPEAKER: Francesco D'Acunto**, *Georgetown University*

We propose a field setting to test regularities about the recall of economic



signals and the formation of subjective expectations in the field. For a large sample of US households, we observe the full set of prices and price changes of grocery goods purchased over a calendar year (memory databases) as well as their present-day recalled and expected inflation. Consistent with selective recall, observing fewer and larger price changes leads to recall and expect higher inflation. We find evidence of proactive interference, whereby agents mistakenly recall older prices and hence lower prices than they actually paid, and retroactive interference, whereby agents rely less on the price changes stored in their memory database to form beliefs if other contexts associated with prices are cued exogenously. Our results support models of beliefs formation in which memory is a cognitive microfoundation.

### **Ostracism and Social Rejection**

Saturday, April 20 | 10:30 AM-12:20 PM

Salon 2

Moderator: Michael Baumann (The University of Texas at San Antonio)

#### **10:30 AM Social Exclusion and Our Need for Physical Safety**

**INVITED SPEAKER: Kristy Dean, *Grand Valley State University***

Social exclusion threatens belonging, self-esteem, control, and meaningful existence needs. In this talk, I will discuss theoretical and empirical evidence arguing that exclusion also threatens our need for physical safety. Discussion will center on future studies to better understand moderators and mechanisms, and practical implications for self-protective behavior.

#### **11:00 AM Self-serving Bias in Attributions for Exclusion and Inclusion**

**Emily Johnson, *Texas A&M University*; Heather Lench, *Texas A&M University***

This research examined attributions for exclusionary and inclusionary events and the impact of previous experiences of ostracism and source of the event. There was some evidence of self-serving attributional bias. Previous experiences did not impact attributions, but the source is an important aspect of determining the cause of an event.

#### **11:15 AM Social exclusion causes Fear of Missing Out**

**Alex J. Holte, *University of Cincinnati - Blue Ash College*; Kaley Aukerman, *University of Cincinnati - Blue Ash College*; Ryan Padgett, *University of Cincinnati - Blue Ash College***

This study examined the influence of ostracism and basic fundamental needs on State FoMO (S-FoMO). With the use of the Cyberball paradigm, it was revealed participants primed for social exclusion scored higher in S-FoMO than people primed for social inclusion. Likewise, control and meaningful existence, were significant predictors of S-FoMO.

**11:30 AM Help or ignore? Time constraints affect ostracism and prosocial decisions**

**Christoph Kenntemich**, *University of Kaiserslautern and Landau*; Selma Rudert, *University of Kaiserslautern-Landau*

Under time constraints, participants surprisingly ostracized more under 'loose' than 'strict' time limits, challenging expectations that pressure fosters self-focused behavior. This could suggest that instinctive social responses may prevail under high pressure, while more time allows for deliberate ostracism. Further research will explore underlying motivations.

**11:45 AM Social Influence On Risk Perception After Feeling Rejected**

**Joseph Newton**, *Cardiff University*

This study found that recalling being ostracised led participants to become more susceptible to peer influence on risk perception, potentially leading to safer choices or riskier behaviors based on peer group norms. Understanding this dynamic is crucial for crafting interventions to help socially vulnerable youth navigate risk.

**12:00 AM Feeling Ostracized When a Group Member Leaves**

**Jim Wirth**, *The Ohio State University at Newark*; Andrew Hales, *University of Virginia*

How does an individual react to a group member leaving? Being connected to at least one group member protected overall well-being (e.g., need satisfaction) compared to both group members leaving. However, a group member leaving caused feelings of ostracism (being excluded and ignored) compared to a group member staying.

**Personality & Individual Differences**

Saturday, April 20 | 10:30 AM-12:20 PM

Salon 5/8

**Moderator:** Mark Stasson (Metropolitan State University)

**10:30 AM Alexithymia and Avoidance: Relationships of Alexithymia to Experiential Avoidance and Behavioral In**

**Todd Allen**, *University of Northern Colorado*

Alexithymia, the inability to identify one's own emotions, and avoidance are both risk factors for PTSD. Avoidance was found to be positively related to alexithymia. Specifically, experiential avoidance had moderate positive relationships to measures of alexithymia while behavioral inhibition has weak positive relationships to measures of alexithymia.

**10:45 AM Resiliency: Too Much or Not Enough of a “Good” Thing?**

**Taylor Elam**, *Oakland University*; **Kanako Taku**, *Oakland University*

Our current study examined the associations between interpersonal sensitivity and self-privilege with resiliency and PTG. Interpersonal sensitivity and self-privilege were both negatively related to resilience and PTG. Although their relationships varied in strength, our results suggest both resilience and PTG to be protective factors against depression.

**11:00 AM Validity of the Eating Disorder Examination Questionnaire with Transgender Adults**

**Bek Urban**, *Oklahoma State University*; **Maddie Reinhardt**, *Oklahoma State University*

This study examines the validity of the Eating Disorder Examination Questionnaire, a measure normed on cisgender women, in a sample of gender-expansive adults. Results do not support the original factor structure of the EDE-Q and suggest the measure suffers from construct underrepresentation because it fails to account for population-specific concerns.

**11:15 AM Communal vs. Agentic Narcissism as Predictors of Self-Concept Projection**

**Chanell Kann**, *University of Chicago*; **Alysson E. Light**, *University of Chicago*

Individuals with stronger communal values tend to assume greater self-other similarity. This study explores communal narcissists' insight into their personality and reputation by examining their tendency for self-concept projection. Results show that communal narcissism, but not agentic narcissism, is associated with greater self- and meta-perception similarity and accordingly, less insight.

**11:30 AM The Role of Self Concept Clarity in Privacy-Related Information Disclosure**

**David Wu**, *Vanderbilt University*; Donald Gaffney, *Vanderbilt University*

This study explores how Self Concept Clarity (SCC) influences individuals' willingness to disclose private information. Participants' likelihood to disclose personal information, in exchange for a reward, is assessed alongside SCC and privacy concerns (IUIPC). Results suggest that higher SCC is associated with reduced disclosure and that IUIPC mediates this relationship.

**11:45 AM Relationships between Adverse Life Experiences, Emotional Regulation, and Political Ideology**

**Treva Bellomo**, *University of St. Thomas*

This study investigates the relationship between adverse life experiences, political ideology, and emotional regulation and expression. Results revealed a negative association between emotional regulation and adverse life experiences, but only for individuals identifying as liberals. There was no such relationship for those identifying as conservatives.

**12:00 PM Personality and Affect in BPD: The Role of Social Contact.**

**Skye Napolitano**, *Purdue University*; Isabella Peckinpugh, *Purdue University*; Sean Lane, *University of Missouri*; Timothy Trull, *University of Missouri- Columbia*

Investigated role of personality traits on daily affect, as moderated by close social contact in individuals with borderline personality disorder and community control individuals. Results demonstrate differences in reports of overall negative affect. Further, social contact with close others moderates these associations and may be a target for intervention.

**Sex and Well-being**

Saturday, April 20 | 10:30 AM-12:20 PM

Salon 3

**Moderator:** Daniel Maitland (Bowling Green State University)

**10:30 AM Culture Shapes Sex Differences in Mate Preferences**

**Melissa McDonald**, *Oakland University*; Nechumi Malovicki-Yaffe, *Tel Aviv University*; Adam Tratner, *Florida State University*

Wealth is a typically a strong cue to men's status and women prefer wealthy men as partners. However, in the Jewish ultra-Orthodox community in Israel, women are breadwinners while men pursue religious scholarship. A rare

gender-reversal results, men prefer a partner with good financial prospects more strongly than women do.

### **10:45 AM Does Sex Increase Life Satisfaction in Individuals with Avoidance Goals?**

**Melanie Reyes**, *Saint Louis University*; Eddie Clark, *Saint Louis University*

We examined whether avoidance sexual goals moderate the association between sexual activity and life satisfaction. Unexpectedly, this association was positive when avoidance goals were high, as well as when negative affect was high. People who tend to experience negative emotions may reap greater benefits from sex.

### **11:00 AM Mystical Experiences Following Orgasmic Meditation and the Role of Orgasms**

**Madeleine Hill**, *University of Minnesota Duluth*; Ashley Thompson, *University of Minnesota Duluth*

The current study examined the occurrence of Mystical Experiences (MEs) following Orgasmic Meditation and how ME scores are impacted by the presence of an orgasm. Results indicated that those in the OM conditions and those who orgasmed reported higher ME scores than the control and those who did not orgasm.

### **11:15 AM The Role of Attachment in BDSM and Authority Transfer Relationships**

**Brieanna Muzzy**, *Northern Illinois University*; Brad Sagarin, *Northern Illinois University*

This study assessed the relationship between attachment styles and satisfaction outcomes moderated by BDSM roles. Replicating prior research, attachment styles were significantly associated with BDSM roles. Additionally, the relationships between attachment styles and satisfaction outcomes were strongest for switches compared to those who were strictly dominant/tops or submissive/bottoms.

## **Social Judgments & Stereotypes of Minoritized Groups**

Saturday, April 20 | 10:30 AM-12:20 PM

Salon 6/7

Moderator: David Nalbone (Purdue University Northwest)

### **10:30 AM The Perceived Convertibility of Agnostics and Atheists on Threat Perception**

**Brier Gallihugh**, *Ohio University*; Kimberly Rios, *University of Illinois at Urbana-Champaign*

Atheists and agnostics share many similarities with respect to general religious beliefs. However, atheists are seen as the group more likely to elicit feelings of symbolic threat compared to agnostics. This research looks to examine the role that perceived convertibility might have as a explanatory mechanism for this difference.

### **10:45 AM Attractiveness & Perceived Intelligence Differentially Predict Intersectional Dehumanization**

**Neelamberi Klein**, *Indiana University Bloomington*; Kurt Hugenberg, *Indiana University*

Our findings indicate that perceived attractiveness and perceived intelligence differentially predict ascriptions of humanness for White and Black targets. Additionally, when comparisons within categories are made salient, compared to when category distinctions are salient, we observe the strength of these relationships change.

### **11:00 AM Piecing Apart Person Perception: Testing Core Theoretical Assumptions**

**Samuel Klein**, *University of California, Davis*; Jeffrey Sherman, *University of California, Davis*; K. Christoph Klauer, *University of Freiburg*

Using a novel judgment task and multinomial processing trees, we estimated the independent impacts of various person-features underlying person perception. These data contradict most theoretical models of person perception which assume that, for any particular judgment, as one feature's impact increases (e.g., race), other features' (e.g., emotion) impacts must decline.

### **11:15 AM Jurors' Credibility Judgments of Autistic Defendants varying Race and Crime**

**Kristina Todorovic**, *University of Southern Indiana*; Colleen Berryessa, *Rutgers University*; Jason Cantone, *Federal Judicial Center*

We investigated whether an Autism Spectrum Disorder (ASD) diagnosis, defendant's race, and crime-type influence credibility judgments. White defendants were rated as having higher cognitive functioning and more likeable than Black defendants when no diagnosis was provided and for

violent crimes. Defendants with ASD were rated as less honest and believable.

### **11:30 AM The Intersection of Race and Gender on Creativity and Innovation**

**Analexis Glaude**, *University of California Berkeley, Haas School of Business*; Sa-kiera Tierra Jolynn Hudson, *University of California Berkeley, Haas School of Business*; Merrick Osborne, *University of California Berkeley, Haas School of Business*

Across three studies, we find that participants' perceptions of creativity and innovation differ by target race, target gender, and domain. These findings suggest that innovation and creativity perceptions may play a role in who gets hired or promoted, especially depending on the working domain, race, and gender of an individual.

### **11:45 AM Disentangling the Activation and Application of Gender Stereotypes**

**Sarah Paz Martín**, *Pontificia Universidad Católica de Chile*; Patricio Cumsille Eltit, *Pontificia Universidad Católica de Chile*; Mason Burns, *University of Indianapolis*

We conducted two experiments with 266 Chilean university students to disentangle the activation and application of gender stereotypes. By adapting the Stereotype Misperception Task, we assessed both processes' significance in the responses. After being primed with male and female faces, participants applied dominance and warmth stereotypes when judging ambiguous drawings.

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## **Applied Social Psychology Posters**

Saturday, April 20 | 11:30 AM-12:45 PM

Upper Exhibit Hall

### **1 An Online Culture of Aggression: Social-Cognitive Factors Associated with Cyberaggression**

**Rachel Block**, *Iowa State University*; Monica Marsee, *Iowa State University*

This study explores online and in-person social-cognitive factors related to cyberaggression. Latent profile analysis is used to form unique subgroups based on cyberaggression and traditional aggression perpetration scores and compare how these groups differ on normative beliefs about aggression,

moral disengagement, empathy, and impairment in online and in-person contexts.

## **2 Perceptions of Sexual Coercion**

Trisha Prunty, *Blackburn College*; Lexi Snow, *Blackburn College*

This study examined individuals' beliefs and attitudes when faced with a scenario of sexual persistence with a male target and a female perpetrator. Researchers hypothesized that a situation in which a man eventually relented to sexual persistence would be viewed as less problematic than a similar situation involving a woman.

## **3 College Students' Identification of Environmental Intimate Partner Violence**

Auriel Jasper-Morris, *The University of Akron*; Dawn Johnson, *The University of Akron*; Shantoyia Jones, *Xavier University of Louisiana*

The study analyzed if participants could identify environmental IPV as serious and abusive based on the relationship type (gay, lesbian, straight) and perpetrator's sex (male/female). The results showed that these factors did affect identification of abuse but not perception of severity.

## **4 Relationship between Hegemonic Masculinity and Male Rape Myth Acceptance**

Trisha Prunty, *Blackburn College*; Vanessa Cunningham, *Blackburn College*

Individuals were assessed for ideals related to hegemonic masculinity before being exposed to a vignette of a rape with a male victim with either a female or male assailant. Findings will shed light on the impact of rape myths on perceptions of rape when a man is the victim.

## **5 Impersonal sex and sexual aggression: a systematic review and multilevel meta-analysis**

Wenqi Zheng, *Oakland University*; Michele R. Parkhill, *Oakland University*

Impersonal sex (IS), a primary component of the Confluence Model, has garnered considerable attention in research on sexual aggression. The current study aimed to conduct a systematic review and multilevel meta-analysis to examine the relationship between IS and sexual aggression. Findings highlight the need for a standardized definition of IS.

## **6 Effects of Anger Experiences on the Activation of Aggressive Concepts**

Christopher Groves, *University of Wisconsin - Oshkosh*; Jenna Catania,



*University of Wisconsin - Oshkosh; Gillian Bellman, University of Wisconsin - Oshkosh; Zachary Holzmann, University of Wisconsin - Oshkosh; Samara Markle, University of Wisconsin Oshkosh*

Participants either provoked or frustrated completed the Lexical Decision Task (LDT). Out of 200 aggression-related words, reaction times to 20 words differentiated the frustration and provocation experiences. These results suggest that the LDT is sensitive enough to detect differences in angering experiences on the accessibility of aggressive thoughts.

### **7 Personality's Role in Advocacy Coping in Women of Color**

*Enchi Dai, Roosevelt University; Susan Torres-Harding, Roosevelt University; Jessica Fillak, Roosevelt University; Kejuan Lin, Roosevelt University*

Our study explored the relationship between personality traits and coping with discrimination. Analyzing responses from 166 minority female college students using multiple regression models, we found extraversion to be a significant predictor for advocacy/education coping strategy, independent of other factors, suggesting that more outgoing individuals are inclined to proactive coping in discrimination situations.

### **8 Holism and Item Response Format: A Matching Perspective**

*David Santos Velasco, IE Business School; Blanca Requero, Universidad Autónoma de Madrid; Dilney Gonçalves, IE Business School*

This research explores how holistic versus analytic thinking styles influence response fluency in different scale formats. Across three studies, holistic (vs. analytic) individuals found it more fluent to respond to items in a continuous rather than dichotomous format. These results emphasize the significance of individual differences in psychological test responses.

### **9 Attachment and Loss: The Relationship between Avoidance and Stress**

*Gabrielle Drong, University of Illinois Urbana Champaign*

The objective of the present research was to learn more about how attachment styles moderate the impact of loss on psychological stress. Analyses indicated that avoidantly attached individuals were just as stressed as less avoidant people when they lost someone, suggesting that avoidance may not be a risk factor for maladjustment.

### **10 Invisible Barriers: Navigating Disability, Workplace Conflict and Psychological Distress**

*Lilian Hicks, University of Oklahoma; Ashley Wells, University of*

Oklahoma; Josh Chappell, *Southern Illinois University Edwardsville*; Rachel Jang, *University of Oklahoma*

This study investigates the relationship between functional disability and psychological distress among healthcare workers, with interpersonal conflict as a partial mediator. A partial mediation path analysis revealed that the indirect effect was statistically nonsignificant, and found a significant direct effect of functional disability and interpersonal conflict on psychological distress.

### **11 Workplace Well-Being: Key Factors and Models for Success**

**David Radosevich**, *University of Wisconsin-Green Bay*; Dianne Murphy, *University of Wisconsin - Green Bay*; Deirdre Radosevich, *Mindful Path Center*; Skylar LaPine, *University of Wisconsin - Green Bay*

This study examined the impact of psychological factors (e.g., purpose, goals, confidence, anxiety management, and optimism) in influencing flourishing and burnout outcomes in the workplace. 266 participants completed an assessment. Results showed that the psychological factors had a positive relationship with flourishing and a negative relationship with burnout.

### **12 That Job Ain't for Me: Perceptions of Taint and Desirability**

**Melvin Gonnerman**, *Wartburg College*; Robert Keating, *Illinois Institute of Technology*; Lisa Finkelstein, *Northern Illinois University*

Society needs workers in jobs seen as tainted or undesirable. Undergraduate students completed an online questionnaire assessing social factors including taint (physical, social, and moral) and job attractiveness for 10 occupations and individual difference measures. This research has implications for educators and parents who influence the vocational decision-making of students.

### **13 Fatalism Does Not Necessarily Have Negative Implications for Mental Health**

Masahiro Toyama, *Marshall University*; **Chloe Hooper**, *Marshall University*; Emilee Pugh, *Marshall University*

The present study examined which fatalism dimensions predicted depression, anxiety, and stress by using data from adults (N = 346) collected on a crowdsourcing platform Prolific. Except for helplessness, fatalism dimensions had no negative (or some positive) implications for mental health. This study contributes additional insights to the existing literature.

### **14 Recollections of Relating: Interpersonal Functioning Impacts**

## **Representations in Self-Defining Memori**

Allie Dolby, *University of Michigan-Dearborn*; Joshua Slater, *University of Michigan-Dearborn*; Caleb Siefert, *University Of Michigan Dearborn*

This study explores how interpersonal functioning impacts self-defining memory recall and representation. Social-Cognitive theory suggests that memories shape how we interpret and respond to events. This study also extends prior work by examining how expert-ratings and respondent-ratings of memories converge and diverge.

## **15 Prevalence and Perceptions of College Bullying**

Grace Peterson, *Washburn University*; Tucker Jones, *Washburn University*

Although research tends to focus on bullying in grade school, some research has focused on bullying among college students. As part of a larger study, the current study assessed past experiences with and current prevalence of bullying among college students, and potential differences in attitudes toward bullies of different ages.

## **16 Individual and situational predictors of decisional and emotional forgiveness**

Selena Heinlein, *Northern Illinois University*; Randy J. McCarthy, *Northern Illinois University*; Rachel Saef, *Northern Illinois University*

Forgiveness is essential in maintaining social relationships. Agreeable people place importance on maintaining peace in said relationships, so they are more likely to show forgiveness. We investigate what happens when the sincerity (or insincerity) of an apology impacts an agreeable person's emotional (internal) forgiveness versus decisional (external) forgiveness.

## **17 The Association between Perfectionism and Mental Health Help-seeking Intentions**

Anzhuo Wu, *University of Missouri, Columbia*; Russell Ravert, *University of Missouri*

Perfectionism, a complex trait with adaptive and maladaptive dimensions, is associated with mental health help-seeking attitudes in the U.S. This study examines the association between these dimensions and mental health help-seeking attitudes to illuminate their different roles in mental health and highlights the need to support individuals with maladaptive perfectionism.

## **18 Personality Predictors of Preference for Cities, Suburbs, and Small Towns**

Virgil L. Sheets, *Indiana State University*

This study explored personality as a predictor of preferences for living in cities, suburbs, or small-towns. Results showed that several specific traits (beyond the Big-5) were reliable predictors of preferences which could support a self-selection model of geographic variation in personality.

### **19 Mindfulness, Statistics Anxiety and Academic Performance**

**Mario Diaz**, *Saint Louis University*; Eric Wesselmann, *Illinois State University*; Dan Ispas, *Illinois State University*; Gregory Braswell, *Illinois State University*

We investigate the relationship between trait mindfulness, statistics anxiety and academic performance in a cross-lagged study using 183 undergraduate students. We found that mindfulness was negatively related to statistics anxiety and not related to academic performance. The hypothesized interaction between mindfulness and statistics anxiety was not supported.

### **20 Cognitive Reflection Tests and Academic Performance**

Alexandra Ilie, *Illinois State University*; **Dan Ispas**, *Illinois State University*; Taylor Flinn, *Illinois State University*; Kimberly Schneider, *Illinois State University*; Dragos Iliescu, *University of Bucharest*

Cognitive reflection tests (CRTs) have gained popularity in recent years. We will investigate the criterion and incremental validity of verbal and numerical CTRs over cognitive ability and personality traits for predicting academic performance.

### **21 Emotional Intelligence, Narcissism and Eye Patterns**

**Alexis Knipp**, *Denison University*; Franklin Bray, *Denison University*; Astha Dave, *Denison University*

Our study is focused on the relationship between narcissism and emotional intelligence (EI) and how this can be shown using eye tracking methodologies. We expect to find eye patterns for high EI and high narcissism to be centered around the negatively valenced images and the opposite for low EI and narcissism.

### **22 Dissecting the Horror Spectrum: Enjoyment, Personality, and Physiology**

**Juan Ramirez**, *Western Illinois University*

We examined enjoyment, personality, and physiology across creepy, disgust, horror, and fear conditions. Participants engaged in “escape” rooms meant to elicit the specific experience. We hypothesized that fear and horror will elicit

the most physiological responses and that creepiness and disgust will be enjoyed more, especially those high in openness.

### **23 MAPS to Academic and Career Pathways**

**Mark Hopper**, *Blackburn College*; Brianna Bruemmer, *Blackburn College*; Claire Stein, *Blackburn College*

The MAPS study investigates how college students' awareness of their intrinsic positive traits via the VIA Inventory of Strengths impacts their academic and career choices, aiming to develop strategies for aligning strengths with goals for success. Results could transform academic and career counseling, offering a new framework for student development.

### **24 Demand or moral rebellion?: Confronting compliance with morally-compromising situations**

**Taylor Wadian**, *University of Cincinnati*, *Blue Ash College*; Tammy Sonnentag, *Xavier University*; Margaret Wolfson, *Xavier University*

Confrontation of a moral failing (i.e., compliance with a morally problematic task)—using an artificial, computer-generated voice—promotes individuals' future intentions to take a principled stand despite pressure not to do so.

### **25 Do reputational concerns inhibit altruism when altruistic norms are absent**

Anna Snyder, *Xavier University*; **Tammy Sonnentag**, *Xavier University*

This preregistered replication and extension examines the claim that individuals with heightened reputational concerns choose *not* to engage in altruistic behaviors when a social norm for altruism is absent. We also examine the *extent to which* these findings hold when there is an *extreme need* for altruism.

### **26 Rural Identity, Self-Reliance, Stoicism & Psychological Help-Seeking Attitudes Among Iowans**

**Taylor Brown**, *University of Northern Iowa*; Elizabeth Lefler, *University of Northern Iowa*

Iowans completed questionnaires examining rural identity, self-reliance, stoicism, and attitudes toward psychological help-seeking. Self-reliance and stoicism were both correlated with attitudes toward psychological help-seeking; however, rural identity was not correlated with self-reliance, stoicism, or attitudes toward psychological help-seeking. Additionally, cost and access to care were commonly cited barriers to help-seeking.

## **27 Resilience, Stress, and Burnout Among Applied Behavior Analysis Technicians**

**Alayna Frentress**, *University of North Dakota*; John-Paul Legerski, *University of North Dakota*; Sheila Hanson, *University of North Dakota*; Lindsay Deling, *Goldfinch Neurobehavioral Services, LLC*

Burnout is high among Applied Behavior Analysis (ABA) technicians treating autism spectrum disorder. To evaluate burnout, 126 ABA technicians completed measures of stress, resilience, and burnout. Analyses indicated that, while stress is positively correlated with burnout, dispositional resilience predicted lower burnout. Implications for prevention, intervention, and hiring practices are discussed.

## **28 Self-Determination Buffers Existential Concerns**

**Abigail Hendricks Morse**, *Cleveland State University*; Kenneth Vail, *Cleveland State University*

The present study tests whether self-determination may buffer existential concerns brought on by mortality salience. The mortality salience prime was associated with increased death anxiety after a controlled prime but not after a self-determination prime. Mindfulness did not produce a similar decrease in death anxiety compared to self-determination.

## **29 Telling The Difference Between AI-Generated and Real Faces**

**Karen Chan**, *Toronto Metropolitan University*; Jason Deska, *Toronto Metropolitan University*

Synthetic faces are even perceived as more trustworthy compared to real faces. However, little is known about how people assess other traits of synthetic faces that normally influence the social perception of real faces. Thus, our experiment examines the perceptual and social differences between GAN-generated and real faces.

## **30 Exploring the Motives for Watching Horror Films**

**Aubrey Thimesch**, *Illinois State University*; Eric Wesselmann, *Illinois State University*; Jeffrey Kahn, *Illinois State University*; Jordan Arellanes, *Illinois State University*

Two studies replicate and extend previous research on why people watch horror films. Horror watchers report diverse motives, both personal (e.g., emotional thrill) and interpersonal (e.g., social bonding). We also explore motives for avoiding horror films. Individual differences in empathy, morbid curiosity, and personality have complex relations with motives.

### **31 Suspected vs. Diagnosed Mental Illness, Race and the NGRI Plea**

**Alexa Roudabush**, *University of Northern Iowa*; Helen C. Harton, *University of Northern Iowa*

The NGRI plea is used to establish the defendant had a severe mental illness or disability that impaired their cognitive and/or volitional capacity (Borum, 2003). Previous studies have shown Black defendants receive NGRI more than or equal to White. This study examines how race and mental illness diagnosis affect receiving a NGRI verdict.

### **32 Can we Talk? Willingness to Converse with Someone who Disagrees**

**Doug Krull**, *Northern Kentucky University*; Elisabeth Rowe, *Northern Kentucky University*; Isabelle Zerhusen, *Northern Kentucky University*

This work explored willingness to talk with someone who disagrees. Participants were willing to talk, but thought others were less willing to listen. Some motivations (e.g., interest in learning, interest in correcting misconceptions) predicted willingness, but others (e.g., concern about offending, confidence in one's view) did not.

### **33 State-Level Recidivism Prediction: Asset-to-Program Ratio in Felon Rehabilitation**

**Kieron Swain**, *Illinois Institute of Technology*; Michelle Flores, *Illinois Institute of Technology*; Brennan Harris, *Illinois Institute of Technology*; Ibrahim Takesh, *Illinois Institute of Technology*; Steff Du Bois, *Illinois Institute of Technology*

This study explored the relationship between state-level asset allocation to felon rehabilitation programs and recidivism rates in those states. Contrary to expectations, a positive correlation between variables was found, indicating that higher state-level asset-to-program ratios were associated with increased recidivism. Implications for research and policy will be discussed.

### **34 Discourse on Inequities in Education Impacts Prioritization and Individual/Structural Remedies**

**Tonya Buchanan**, *Central Washington University*; Homa Sheibani Asl, *Central Washington University*; Joshua Buchanan, *Central Washington University*

We compare the impact of framing racial equity in education as an "achievement gap," "inequality," or "differences." Describing disparities as "inequality" increased prioritization and may increase perceived importance of structural (vs individual-level) interventions. Results reinforce the need to

shift the narrative toward systemic solutions for achieving racial equity in education.

### **35 Black Physicians (and Allies) Matter**

**Kennedy Pope**, *Indiana University - Purdue University Indianapolis*; India Johnson, *Indiana University–Purdue University Indianapolis*; Veronica Derricks, *Indiana University Purdue University Indianapolis*; Evava Pietri, *University of Colorado, Boulder*; *Indiana University Purdue University Indianapolis*; Evava Pietri, Jesse Stewart, *Indiana University–Purdue University Indianapolis*

The present work found that exposure to allyship information can improve the quality of racially discordant encounters among Black women in patient-provider interactions.

### **36 Testing the natural-is-better bias for sunscreen**

**Brooke Campbell**, *Grand Valley State University*; Reagan Taylor, *Grand Valley State University*; Courtney Lappas, *Lebanon Valley College*; Brian Meier, *Gettysburg College*; Amanda Dillard, *Grand Valley State University*  
This study tested the “natural-is-better bias” for sunscreen in college students. Compared to those who learned about a synthetic (i.e., non-natural) sunscreen, those who learned about a natural sunscreen reported a more positive attitude toward the sunscreen and applied more of the sunscreen when using it under a fake sunlamp.

### **37 Faculty Fellows Program: Increasing Inclusiveness in Key Gateway Courses**

**Jessica Wrona**, *University of Illinois at Chicago*; Lindsey Back, *University of Illinois Chicago*; Robin Petrovic Gayle, *University of Illinois at Chicago*  
The First-At-LAS Faculty Fellows Program supports professors in redesigning courses to meet the academic needs of first-generation students. Courses tailored to the demographics of students and redesigned with inclusive teaching methods may increase socioemotional skills and academic outcomes. Increases in academic outcomes require multi-level collaboration from across the University.

### **38 Sexism in Gaming: A Replication of Stermer and Burkley (2015)**

**Kaya Paluch**, *Dominican University*; Tracy L. Caldwell, *Dominican University*

The work of Stermer and Burkley (2015) found that playing games high in sexist video game content (SVG) was correlated with higher levels of



benevolent, but not hostile sexism in men. The present study will determine whether these results replicate today and aims to strengthen the understanding of this relationship.

### **39 Be Big and Belittle Yourself: Status and Self-Disparaging Humor**

**Cody Gibson**, *Northern Illinois University*; Jared Wilson, *Northern Illinois University*; Melissa Caballero, *Northern Illinois University*; Lisa Finkelstein, *Northern Illinois University*; Esther Galindo, *Northern Illinois University*  
Self-disparaging humor highlights the humorist's flaws. Sometimes, these jokes cause concern in the audience, but some people suggest they can humanize the humorist. This research tests the role of humorist status as a moderator of the reactions to perceptions of self-disparaging humor set in a hypothetical workplace onboarding scenario.

### **40 Gender Differences in Sustainability Behavior: The Role of Eco-Generativity**

**Kiara Bjornson**, *Central College*; Austyn-Paulino Calo, *Central College*; Madison Glick, *Central College*; Emma Rocha, *Central College*; Keith Jones, *Central College*

We examined the roles of eco-generativity, sustainability attitudes, and knowledge of sustainability procedures as predictors of sustainability behaviors. Eco-generativity was a positive predictor for women's behavior but was not a significant predictor for men. These and other gender differences will be considered from an eco-generativity theory perspective.

### **41 Analyzing Measures of Procedural Justice Using BWC Footage**

**Alexandra Gascoigne**, *Lake Forest College*

Many police departments have implemented the usage of body-worn cameras (BWC). BWC recordings provide data that can be used to identify behavioral and environmental cues that promote more procedurally-just police-community interactions. This study sought to address this issue by identifying behaviors that are most strongly predictive of overall procedural justice.

### **42 Effects of Psychopathic Behaviour in Online Moral Outrage Scenarios**

**Rene Houston**, *University of Wisconsin - Green Bay*; Liz Williams, *University of Wisconsin-Green Bay*; Jason Cowell, *University of Wisconsin-Green Bay*

Psychopathic behaviours online differ from psychopathic behaviours in real-world scenarios. This study wishes to not only shed light into the growing

interest of online behaviour, but also contribute to the growing conversations of psychopathy in online moral outrage situations and how they intersect.

#### **43 I'm Sorry I Think? Perceptions of Apologies in Confessions**

**Eileen Folkens**, *Butler University*; Fabiana Alceste, *Butler University*; Frances Storgion, *Butler University*; Timothy Luke, *University of Gothenburg*

Apologies enhance moral perceptions of an offender, while reinforcing the guilt as individuals seemingly take responsibility. Apologies are not uncommon in false confessions, often influencing legal outcomes. We aim to understand how prompted vs. spontaneous apologies and apology strength, influence perceptions of the suspect and the consequences they may face.

#### **44 An Investigation of Free-Will Beliefs as a Predictor of Attitudes and Experiences Related to Mental Health**

**Kaitlyn Dodson**, *University of Indianapolis*; Jordan Waldron, *University of Indianapolis*

Research suggests that free will beliefs may be related to decreased mental health symptoms but also increased stigma, i.e. blame. This study investigated how belief in free will explains the variation in experiences and attitudes toward mental health symptoms, including stigma toward individuals with schizophrenia and alcohol use disorder (AUD).

#### **45 Fostering Persistence in Conservation Practices Among Indigenous Landholders in Mexico**

**Sophia Winkler-Schor**, *University of Wisconsin-Madison*

Climate change is the most pressing global problem and requires immediate and substantial changes in human behavior. While extensive research is justifiably focused on changing behaviors of the Global North, galvanizing rural communities in the Global South to adopt forest conservation practices is equally important and requires psychological insight.

#### **46 An “Inclusivity Page” Improves Grades and Well-Being of Marginalized Students**

**Kevin Kennedy**, *University of Wisconsin-Madison*

We created an “Inclusivity Page” that could be added to course syllabi and then tested it in a large randomized controlled trial in university classrooms ( $N = 1,799$ ). Freshmen and sophomores from underrepresented racial groups exposed to the intervention had better course grades and overall GPAs four years later.

#### **47 Long-term effects of the Tunnel of Oppression**

**Anna Pope**, *University of Kansas*; Emily Burns, *The University of Kansas*; Lea Post, *University of Kansas*; Jacob Randall, *University of Kansas*; Ryan Crossland, *University of Kansas*; Mattie Antoszewski, *The University of Kansas*; Ashley Ramos, *University of Kansas*; Kelly Bailey, *University of Kansas*; Hailey Koehn, *The University of Kansas*

The present research presents an education adaptation of the commonly used Tunnel of Oppression. Four years of data suggest short-term reductions in negative attitudes towards oppressed groups and positive changes in awareness and intentions to reduce prejudice. However, 3-9 month follow-ups show significantly reduced effectiveness of the intervention.

#### **48 Voices from Appalachia: Volunteer Experiences at a Mobile Health Clinic**

**Zachary H. Ellis**, *DePaul University*; Quang Anh Nguyen, *DePaul University*; Joseph R. Ferrari, *DePaul University*

This project investigated the experiences of volunteers at mobile health clinics, focusing on Tennessee's St. Mary's Legacy Clinic. By conducting interviews, the study aimed to enhance the volunteer experience, promoting better healthcare accessibility in rural Appalachia. Thematic analysis unveiled valuable insights to improve volunteer engagement at the clinic.

#### **49 Comparing Healthcare Access among the All of Us Research Program**

**Sharon Song**, *Northwestern University*; Urva Mehveen, *Northwestern University*; Amritha Kumar, *Northwestern University*; Joyce Ho, *Northwestern University*

This study investigated the disparities in healthcare access, health literacy, and prevalence of mental disorders between underrepresented (UBR) and represented (RBR) populations in biomedical research among the All of Us Research Program. Results indicated similar rates of mental disorders but significantly lower healthcare access and literacy among UBR.

#### **50 Mental Health Care: All of Us Research Program and SAMSHA**

**Amritha Kumar**, *Northwestern University*; Ella Vroegh, *Northwestern University*

We discovered that two renowned national databases have conflicting data on healthcare utilization among populations underrepresented in biomedical research (UBR). Differences could be attributed to sampling biases or timing of data collection (i.e. healthcare access during COVID-19). Understanding

UBR populations' level of access and utilization will allow for better allocation of mental health resources.

### **51 LGBTQ+ Youth in Faith-Based Contexts in the United Kingdom**

**Samantha Bumgardner**, *Saint Louis University*; Glenn Miles, *up! Collective*; Jarrett Davis, *up! Collective*; Christina Duval, *Saint Louis University*; Anjum Umrani, *Saint Louis University*; Madeline Stenersen, *Saint Louis University*

This study explored perceptions from LGBTQ+ youth and their caregivers regarding membership in faith-based communities in the United Kingdom. Results indicated that youth may question if their identity is accepted within their religious communities. Additionally, caregivers and their children may have differing perspectives on caregiver support when coming out.

### **52 Community Engaged Teacher Preparation**

**Eva Zygmunt**, *Ball State University*; Lordina Aikins, *Ball State University*

Our study delves into the urgent need for culturally responsive teacher preparation, addressing the disconnect between educators and a diverse student body. Preliminary results from community-engaged seminars show a transformative shift in candidates' perspectives, increased accountability to families, and superior curriculum choices. Join us in shaping inclusive education for all.

### **53 Illinois Partners in Policymaking Program: Empowering Advocates for Disability Policy Change**

**Shraya Pandey**, *Illinois School of Professional Psychology*; Vinuta Hemadri, *Illinois School of Professional Psychology*; Marcela Garcia Guzman, *Illinois School of Professional Psychology*

This project evaluates the Illinois Partners program, which empowers individuals with disabilities and their families to advocate for improved disability policy. Results show that the program meets its goals, increases knowledge, and creates a supportive community. The COVID-19 pandemic highlights the program's relevance and potential to address disability-related challenges.

### **54 Hope Theory in Women Exiting the Commercial Sex Trade**

**Gabrielle Watts**, *Wheaton College*; Sally Schwer Canning, *Wheaton College*

What role does hope play for women exiting the commercial sex trade? Drawing from life narrative interviews of women exiting the sale of sex within an alternative prostitution problem-solving court, this poster will

present participant's hopes for their future and analyze them through the lens of Charles Snyder's hope theory.

### **55 Internalizing Stigma from Religious/Spiritual Sources and LGB+ Individuals' Self-Discrepancies**

**Josh Welch**, *Xavier University*; Tammy Sonnentag, *Xavier University*

Using self-discrepancy theory (SDT; Higgins, 1987), the study investigates if unsupportive religious/spiritual experiences predict greater identity self-discrepancies (i.e., actual-ideal and actual-ought) among lesbian, gay, and bisexual (LGB+) individuals who have heightened internalized homonegativity. Identity self-discrepancies will reflect LGB+ individuals' sexual identity and R/S identity.

### **56 Parental Attitudes toward Birth-Assigned Male/Female Gay and Transgender Adolescents**

**Kieran R. Luedke**, *University of Northern Iowa*; Helen C. Harton, *University of Northern Iowa*

Parents will read a vignette about a gay or transgender adolescent coming out and imagine their response. Parents are expected to report the most acceptance of gay cisgender girls, followed by gay cisgender boys, then transgender boys, and then report the least acceptance of transgender girls.

### **57 Artificial Sexism: Unveiling the Gender Bias in Chat GPT**

**Emily Cronk**, *Ball State University*; Skye Allen, *Ball State University*; Jenna Kelly, *Ball State University*; Carson Brooks, *Ball State University*; Rishi Sarin, *Ball State University*; Thomas Holtgraves, *Ball State University*

The present study examined whether ChatGPT displays gender stereotypes by producing stories with either a woman or man when prompted with gender-stereotyped traits and occupations. Results showed ChatGPT produced more stories featuring women for stereotypically feminine traits and occupations. Stop by to see if this study replicates a year later!

### **58 Imitation as Allyship: Non-Verbal Signals of Support for Gay People**

**Levi Rosing**, *Saint Louis University*; Kaelan Vazquez, *DePaul University*; Christine Reyna, *DePaul University*

We examine when people who are not gay signal their allegiance to the gay community via non-verbal behaviors. Participants rated the typicality of behaviors they associate with gay men and how often they imitated those behaviors around gay people. Results are discussed in terms of implications for understanding identity signaling.

**59 Build a castle! Mother/child play with gendered and non-gendered blocks.**

**Megan Fulcher**, *W&L University*; Tess Fulcher, *University of Chicago*;  
Kathleen Roberts, *Washington and Lee University*; Anna Morrison,  
*Washington and Lee University*

We examine how mother/child interactions are impacted by gendered toys. We compare spatial talk, teaching quality, and helping interactions are coded while building one of 3 Duplo castles: a pink castle, a blue castle and a multi-color castle. Gender cues in toys may change the learning environment that mothers provide.

**60 Constructing Identities and Relationships: The Experiences of Non-Monosexual Women**

**Elizabeth Weiss**, *The Ohio State University*; Mackenzie Vaughn, *The Ohio State University*; Amelia Lewis, *The Ohio State University*

There is more research on the attitudes of others toward bisexual people than about the experiences of Bi+ people themselves. This mixed-method study explores ways in which Bi+ women think about and represent their own identities and how they think about and construct intimate relationships with others.

**61 Intent to Change After Receiving Feedback From Masculinity Surveys**

**Katie Burgess**, *Northern Michigan University*; Jon Barch, *Northern Michigan University*; Morgan Winkler, *Northern Michigan University*; Paige Dolph, *Northern Michigan University*; Megan Delekta, *Northern Michigan University*; Grace Reiger, *Northern Michigan University*

This study analyzes behaviors associated with traditional masculinity, where the researchers hypothesize that discrepancy between the measured self-score and the informant's perception score would cause a change in self-appraisal and that changes in self-appraisal would predict behavior change intentions.

**62 Gender-Critical Feminists' Beliefs About Stereotype Conformity**

**Kira Means**, *Purdue University*; Thekla Morgenroth, *Purdue University*

In three studies, we examined gender-critical (i.e., trans-exclusionary) feminists' perceptions of transgender women's stereotype conformity. Following gender-critical definitions of gender identity as based in harmful stereotypes, they believe transgender women are more likely than cisgender

women to conform to appearance-based stereotypes and those they perceive to be more harmful.

### **63 Anti-Transgender Voting Behavior: A Justification/Suppression Model Approach**

**Wednesday Falck**, *Washburn University*; Jericho Hockett, *Washburn University*

In order to understand the interaction of internal beliefs with external messaging on voting on anti-transgender legislation, we are preparing to conduct a study using the justification/suppression model. We hypothesize that justification/suppression primes will interact with prior beliefs to influence voting behaviors on anti-transgender legislation.

### **64 Gender Differences in Parents' Invisible Labor and Mental Load**

**Erica Weisgram**, *University of Wisconsin Stevens Point*; Jessica Davis, *University of Wisconsin-Stevens Point*; Lauren Welander, *University of Wisconsin-Stevens Point*; Jacqueline Winemiller, *University of Wisconsin-Stevens Point*

The mental load of motherhood has been discussed in the popular press in a variety of different ways. However, relatively little psychological research has been devoted to its study. The present study will examine gender differences in parents' participation in mental load activities as reflected on by undergraduate students.

### **65 An Investigation in Reporting Sexual Harassment Between Military Hierarchies**

**Amanda Ahn**, *Cleveland State University*; Matthew Nordlund, *Cleveland State University*; Olivia Pethel, *Cleveland State University*

This study investigates the reporting process of sexual harassment in a military context. The study uses a qualitative approach to answer if sexual harassment reports are treated differently based on the individual's rank.

### **66 Dressed for Success: Dress Codes, Encllothed Cognition, and Job Satisfaction**

**Jordan Pearsall**, *Murray State University*; Jana Hackathorn, *Murray State University*

The purpose of this study is to discover the relationship between workplace dress codes and job satisfaction, with encllothed cognition serving as a moderating factor. That is individuals whose clothing is integral to their

identity report lower job satisfaction if their workplace enforces a strict dress code.

### **67 Faculty and Graduate Student Work Demands by State Political Ideology**

**MacKenzie Grenko**, *University of Northern Iowa*; Tenzin Kalsang, *University of Northern Iowa*; Kieran R. Luedke, *University of Northern Iowa*; Helen C. Harton, *University of Northern Iowa*

328 faculty and 238 graduate students across the U.S. reported on job/school attitudes. Faculty in red states indicated that political climate negatively contributed to their jobs more than did those in purple and blue states. Graduate students reported less concern about discrimination in purple states than other states.

### **68 Perceptions of Rape Likelihood Differ by Perpetrator and Victim Type**

**Emma Walquist**, *Oakland University*; Melissa McDonald, *Oakland University*

We examine whether women believe the likelihood of being raped by different types of perpetrators differs based on victim type. Results show that women believe they are most likely to be raped by a stranger, whereas the general public is most likely to be raped by a close acquaintance.

### **69 Individual Differences in Career Success**

**Burak Ozkum**, *Illinois State University*; Robert Tett, *NeuroStat Analytical Solutions*

This study uses an interactionist approach to explore the role of traits, skills, and abilities on objective career success. Data was collected from 251 full-time employees. The results showed that cognitive ability, manipulation, political skill, ambition, and social intelligence are differentially related to distinct aspects of career success.

### **70 Emerging Adults' Anticipated Work-Family Conflict: Gender and Political Views Matter**

**Claire Etaugh**, *Bradley University*; Amanda Allgeier, *Bradley University*; Isabella DaSilva, *Bradley University*; Nina Escobar-Adorno, *Bradley University*; Regan Jankovic, *Bradley University*; Kylie Krus, *Bradley University*; Makenna Metoyer, *Bradley University*; Camryn Picken, *Bradley University*; Emma Rogers, *Bradley University*; Madeline Swanberg, *Bradley University*; Val Weinberg, *Bradley University*



Female and male college students, especially politically liberal women, anticipated some future work-family conflict. However, most students did not plan to make changes to either work or family to reduce this conflict. Those women and men who did anticipate using more conflict-reducing strategies were those who anticipated experiencing more conflict..

### **71 Workplace Discrimination of Immigrants and Accent-Based Microaggressions**

**Gaiye Behrem**, *Illinois State University*; Jacob Loer, *Illinois State University*; Ivellisse Del Valle, *Illinois State University*; Kimberly Schneider, *Illinois State University*

This study examined experiences of 91 immigrant workers in the U.S. and links between workplace discrimination, harassment, accent-based microaggressions, and health. Accent-based microaggressions and years in the U.S were related to ethnic harassment at work; perceptions of one's fluency did not significantly predict these experiences.

### **72 Is Calling Orientation a Moderating Factor in the Relationship Between Burnout, Engagement in Counterproductive Work Behaviors, and Organizational Citizenship Behaviors?**

**Alexsis Davis**, *Elmhurst University*; Catrina Notari, *Elmhurst University*; Jessica Sim, *Elmhurst University*

Teachers are increasingly burned out. Past research has shown that burnout is related to counterproductive work behaviors (CWB) and organizational citizenship behaviors (OCBs). In the current study, we will examine whether teachers' calling orientation moderates the relationship between burnout, engagement in CWBs, and OCBs.

### **73 Personality and Job Performance Across Different Contexts**

Alexandra Ilie, *Illinois State University*; **Dan Ispas**, *Illinois State University*; Sarah Jacobsen, *Illinois State University*; Taylor Flinn, *Illinois State University*; Dragos Iliescu, *University of Bucharest*

We investigate broad (conscientiousness) and narrow (achievement motivation) as predictors of job performance in both low and high-stakes contexts. Three-hundred and forty-three employees (159 assessed as job applicants) completed measures of personality and intelligence. The personality variables showed a decrease in their validity in the applicant sample.

#### **74 Engagement Mediates the Person-Environment Femininity Misfit and Burnout Association**

**Alaina Stewart**, *Illinois Institute of Technology*; Jack Kwatinetz, *Illinois Institute of Technology*; Ximing Li, *Illinois Institute of Technology*; Steff Du Bois, *Illinois Institute of Technology*

This study found support for workplace engagement mediating the association between person-environment femininity misfit and burnout, using a sample of women from a German medical services company. Results inform future research on women in the workplace, workplace policy aiming to improve the workplace experience for women, and workplace interventions.

#### **75 Perceived Fun at Work: Prediction by Dimensions of Psychological Climate**

**Mike Helford**, *Roosevelt University*; Cassandra Banas, *Roosevelt University*; Ameerah Muhammad, *Roosevelt University*; Connor Hill, *Roosevelt University*; Alexandra Bommer, *Roosevelt University*

Perceived fun at work was found to be strongly predicted by eight climate dimensions both together and individually. This suggests that fun is related to a number of other aspects of the psychosocial work environment, which may demonstrate possible antecedents to or effects of fun in the workplace.

#### **76 The Impact of Personality on Delay Discounting, the Meaning of Money and Money Management**

**Jeffrey Smith**, *Northern Kentucky University*

The relationship between the big 5 personality traits, delay discounting, the meaning of money, degree to which you budget, are careful with money and the reaction to a financial loss or gain were explored. Results indicate that personality was related to the meaning of money but not delay discounting.

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### **College Students, Emerging Adults and Well-being**

Saturday, April 20 | 12:30 PM-2:20 PM

Salon 1

Moderator: Wenhao Dai, *Lawrence University*

#### **12:30 PM The Positive Effects of Mentoring Youth Among College Student Mentors**

**Alyssa Maples**, *Purdue University-Northwest*; Vaida Kazlauskaitė,

*University of Nevada, Las Vegas; Tai Mendenhall, University of Minnesota-Twin Cities; Lindsey Weiler, University of Minnesota-Twin Cities*

This phenomenological study examined college students' perceptions about whether volunteering as a youth-mentor impacts experiences of flourishing and how specific experiences in the after-school mentoring program lead to flourishing. Aspects of the mentoring experience that contribute to college students' experience of flourishing and opportunities for growth are described.

### **12:45 PM Sleep and Self-Efficacy: The Mediating Role of Stress Across College Years**

**Vedant Desai**, *Ball State University*

This study examines the moderating role of college years on perceived stress' mediating effect on the relationship between self-efficacy and sleep quality. Sleep quality and self-efficacy did differ across college years. Moreover, a significant moderated mediation of college years on the aforementioned mediation model was observed.

### **1:00 PM Factors Affecting Commuter Students' Value of Degree and Academic Performance**

Jinyoung Koh, *Saint Xavier University*; **Riley Nolan**, *Saint Xavier University*; Vincent Stella, *Saint Xavier University*

Using a mixed methods approach, this study examines the relations between factors related to helps and hindrances toward college success and commuter students' value of degree and academic performance. Participants were 168 ethnically/racially diverse commuter students. Findings highlight that differentiated supports should be provided to promote commuter students' college success.

### **1:15 PM Coping mechanisms during and perceived stress after the COVID-19 pandemic.**

**Drew Hubbard**, *Cleveland State University*; Frank Bennett, *Cleveland State University*; Terrin Akstens, *Cleveland State University*; Liz Goncy, *Cleveland State University*

This study examines how emerging adults used coping strategies during the COVID-19 pandemic related to their perceived stress after COVID-19. Participants aged 18 to 21 completed a self-administered questionnaire measuring 14 coping strategies and perceived stress. Behavioral Disengagement is the only coping mechanism that accounted for increased post-COVID perceived stress.

**1:30 PM Exercise Framing Targeting Young Adult Motivations for Group Exercise**

**Sydni Adams**, *DePaul University*; Alyssa Minton, *DePaul University*; David Taullahu, *DePaul University*; Joseph Mikels, *DePaul University*

Young adults typically exercise for self-focused reasons, but understanding underlying motives for joining group exercise has yet to be explored. Participants were most motivated by exercise programs focused on social connection and building healthy exercise habits, and least motivated by competition and social comparison.

**Culture & Well-being**

Saturday, April 20 | 12:30 PM-2:20 PM

Salon 10

Moderator: Vanessa Castillo (Coe College)

**12:30 PM A Cross Cultural Examination of Hope and Meaning in Life**

**Megan Edwards**, *University of Missouri, Columbia*; Frank Kaphesi, *University of Malawi College of Medicine*; Laura King, *University of Missouri, Columbia*

How do people maintain a sense of meaning in life (MIL) in the context of life difficulties? Four studies found that that hope was most *impactful* for MIL during difficult life events, in U.S. and Malawian samples.

**12:45 PM Examining Asian Culture in the Context of Help-Seeking**

**Sang Qin**, *University of Wisconsin Madison*; Eun-Jeong Lee, *Illinois Institute of Technology*; Jinhee Park, *Auburn University*; Patrina Wong, *University of Wisconsin Madison*; Rouyi (Zoey) Chen, *University of Wisconsin Madison*; Zijin Ke, *University of Wisconsin Madison*

This study explored cultural factors on Asian Americans' help-seeking intentions, with results revealing that public stigma was associated with attitudes towards seeking mental health services, while susceptibility to control predicted anticipated risks of disclosure. These findings inform service practices for Asian communities, particularly in engagement and initiating and maintaining services.

**1:00 PM Recommendations for Therapists Working with Low-Income Clients**

**Liza Cohen**, *Ball State University*; Linh Littleford, *Ball State University*

Individuals with low-income underutilize therapy. One reason may be therapists' lack of understanding of poverty and clients' needs. Analyses of experiences of 40 therapists revealed that systems-wide issues negatively affected their work and that therapists faced personal challenges. We provide recommendations for therapists who work with low-income clients.

### **1:15 PM Perceptions of mental health services by members of religious communities**

**John Park**, *California Baptist University*

Challenges exist in the faith communities in the provision of mental health services. This study examines members of faith communities and perceptions of leaders in the provision of mental health (MH) services. Results show demographic characteristics and attitudes may impact members' perception of MH services led by faith communities.

### **1:30 PM Cultural Mismatch: Differences in Beliefs, Values, and Psychological Spaces**

**Nazia Khan**, *DePaul University*

An online survey found that students of color identify cultural mismatch within more macro level social structures and social identities. White students mentioned cultural mismatch applying to micro level social structures and personal identities to a greater extent. These findings reflect group differences in how individuals experience systemic injustice.

### **1:45 PM True Selves Worldwide: Self-essentialism and Well-being in Japan and America**

**Ellen Dulaney**, *DePaul University*; **Mika Hirai**, *Yokohama City University*; **Verena P Graupmann**, *DePaul University*

Psychological essentialism of the true self most predicts well-being for interdependent Americans. In Japanese undergraduates, self-essentialism positively related to life satisfaction for the most interdependent people, and to meaning in life and interdependent happiness for the least interdependent. Belief in the true self appears globally yet nuancedly relevant to well-being.

## **Gender & Identity II**

Saturday, April 20 | 12:30 PM-2:20 PM

Salon 5/8

**Moderator:** Deborah Miller (Indiana University East)

### **12:30 PM Women's bodily autonomy and the strategic use of harm-based**

## **moral arguments**

### **INVITED SPEAKER: Thekla Morgenroth, *Purdue University***

Women's bodies have long been subject of restrictive policies. We examine the arguments those advocating against women's bodily autonomy use and find that concerns about harm are a common theme. However, harm concerns are not predictive of the opposition to women's bodily autonomy. Instead, such arguments are used strategically to justify pre-existing views and as an impression management tool.

### **1:00 PM Unexpected Judgements: Gender Identity and Provocation on Mock Jury Decisions**

#### **Rebecca Totton, *Oberlin College*; Kayla McKeon, *Drexel***

Two Studies (N = 995) employed pre-existing scales and vignettes to evaluate perceptions of LGBTQ+ panic defenses. Contrary to demographic data, we found that transgender women were blamed less as victims than transgender men or gay men. We argue that these findings are evidence of methodological concerns in mock jury

### **1:15 PM Nostalgia for traditional gender norms and bias against women**

#### **Madeline Darmanin, *University of Indianapolis*; Carlie Grogan, *University of Indianapolis*; Kate Bosley, *University of Indianapolis*; Gardiner Bink, *University of Indianapolis*; Enrique Mares-Villicana, *University of Indianapolis*; Mason Burns, *University of Indianapolis***

Two studies investigated gender nostalgia, or longing for an idealized past related to traditional masculinity/femininity. Results revealed that men's gender nostalgia strongly predicted bias against women, particularly nontraditional women (e.g., childless-by-choice women), and acceptance of violence against women. Furthermore, results revealed that gender nostalgia can be experimentally reduced.

### **1:30 PM Comprehensive Health and Wellness and Youth Empowerment Curriculum: Youth Feedback**

#### **Nishka Gupta, *Cleveland State University*; Liz Goncy, *Cleveland State University*; Shereen Naser, *Cleveland State University*; Katherine Clonan-Roy, *Cleveland State University*; Kimberly Fuller, *Cleveland State University*; Gulnar Feerstra, *LGBT Community Center of Greater Cleveland*; Jen Caldwell, *LGBT Community Center of Greater Cleveland*; Autumn Franz, *LGBT Community Center of Greater Cleveland*; Madeline Swanbeck, *LGBT Community Center of Greater Cleveland***

This present study outlines the disparities between medical students in America and students in Mauritius providing feedback on a comprehensive sex education curriculum. The medical students provided more constructive criticism while the Mauritius students mainly expressed gratitude for having this resource available.

**1:45 PM Are Intersectional Diversity Initiatives Identity Safety Cues for White Women?**

**Junming Zhang**, *Purdue University*; Teri Kirby, *Purdue University*

We examined White women's perceptions of intersectional diversity initiatives. Results suggest that diversity initiatives that focus on Black women yield neither positive nor negative effects for White women. On the other hand, diversity initiatives that clearly exclude one's marginalized identity (i.e., woman) may elicit a threat response.

**2:00 PM Moderated Relationship Between Gender Perception and Social Support by Gender**

**Lindsey Gibb**, *Central Michigan University*; Kyunghye Han, *Central Michigan University*

The present study examines the moderated relationship between gender perception and social support by cisgender identity. Results demonstrated that non-stereotypical gender perception predicted lower levels of social support. The importance of social support for health and the implication that people who exhibit non-stereotypical gender perception are likely to receive less social support are discussed.

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**Shifting Blame and Praise: Agency in Ourselves and Others**

Saturday, April 20 | 12:30 PM - 1:30 PM

Salon 6/7

People's belief in their ability to alter and control their behaviors plays an important role in having a high quality of life (Berglund et al., 2014; Crescioni et al., 2016; Grotz et al., 2011; Kondo et al., 2021; Norman et al., 1998; Steptoe & Wardle, 2010; Stillman et al., 2011). Although there seems to be some stability to these beliefs (Baumeister et al., 2009; Sarkissian et al., 2010), the present research focuses on how these beliefs can change in response to remembered experiences and information. A series of pre-registered experiments (Total N = 1,677) test how agency beliefs are affected

by personal success and failure, health messaging, and interpersonal victimhood. This research points to potential sources for people's belief (or disbelief) in their own and other's agency.

**Will to win: Success increases attributions of free will**

HEIDI K. MARTIN, Texas Tech University, ALEC J. STINNETT, Monmouth College, JESSICA L. ALQUIST, Texas Tech University

**Body Language: How the Medical Lexicon Affects Perceptions of Health Control and Agency**

TYLER OWEN, Texas Tech University, ALEC J. STINNETT, Monmouth College, JESSICA L. ALQUIST, Texas Tech University

**The Effect of Interpersonal Victimhood on Free Will Beliefs**

ALEC J. STINNETT, Monmouth College, JESSICA L. ALQUIST, Texas Tech University



**Clinical and Developmental Poster Session II**

Saturday, April 20 | 1:00 PM-2:15 PM

Upper Exhibit Hall

**1 Maternal Substance Use and Mental Health during Pregnancy**

**Kexin Huang**, *Nationwide Children's Hospital*; Brynn Devine, *Nationwide Children's Hospital*; Sarah Keim, *Nationwide Children's Hospital*

This analysis aimed to evaluate the association between specific types of substance use and polysubstance use during pregnancy and antepartum mental health. Results indicated that substance use may be a risk factor for elevated depression and anxiety symptoms during pregnancy and should be targeted in maternal mental health interventions.

**2 The Association of Implicit and Explicit Cognition Measures and Gaming Behavior**

**Indira Galeeva**, *University of Minnesota Duluth*; Jasmine Hargrove, *University of Minnesota Duluth*; Rebecca Gilbertson, *University of Minnesota -- Duluth*



*The Association of Implicit and Explicit Cognition Measures and Gaming Behavior.* Indira Galeeva, Jasmine Hargrove, Rebecca J. Gilbertson, University of Minnesota Duluth; galee001@d.umn.edu.

Implicit/eye-tracking and explicit/attitudes and beliefs pertaining to gaming behavior was assessed. Results showed strong positive association with gaming symptoms, and moderate association with internet use.

### **3 Context of College Students Alcohol and Other Substance Co-Use: A Qualitative Analysis**

**Laura Finan**, *Illinois State University*; Anna Koerwitz, *Illinois State University*; Rory Kuhn, *Illinois State University*

Research identifying context characteristics that contribute to college students' alcohol and other substance co-use is limited. We qualitatively examined how social, location, affect, and situational context characteristics contribute to co-use behavior and how these characteristics interact explain this health risk behavior.

### **4 Alcohol Use Preceding a Suicide Attempt: Comparison of Control Periods**

**Courtney Bagge**, *University of Michigan*; **Sarah Cohen**, *University of Michigan*; **Elizabeth Barbour**, *University of Michigan*

The aims were to quantify the within-person effect of alcohol use on suicide attempts across varying control periods. Participants were 148 individuals hospitalized for a suicide attempt who completed study interviews. Alcohol use posed an increased risk for attempt regardless of control period, highlighting its importance when evaluating short-term risk.

### **5 Methamphetamine Has Low Reinforcing Efficacy in Rats When Administered Orally**

**Rayah Bako**, *Northern Kentucky University*; Kevin Berling, *Northern Kentucky University*; Maria Broderick, *Northern Kentucky University*; Sadie Dillon, *Northern Kentucky University*; Justin Yates, *Northern Kentucky University*

We determined if oral methamphetamine (METH) has high reinforcing efficacy in rats. Rats self-administered a METH solution (40 mg/l) across increasing response requirements. Responses for METH decreased significantly when a fixed ratio (FR) 10 schedule was used. These results suggest that rats have low motivation to self-administer oral METH.

## **6 Etiology and Continuum Beliefs Impact on Substance Use Disorder Stigma**

**Lauren Weissmann**, *University of Indianapolis*; Joshua Myers, *University of Indianapolis*; Jordan Waldron, *University of Indianapolis*; Isabel Rice, *University of Indianapolis*; Allison Mann, *University of Indianapolis*; Nolan Ellis, *University of Indianapolis*; Molly Church, *University of Indianapolis*  
Investigating Stigma in Substance Use Disorders: This research delves into the stigmatization of individuals with opioid and alcohol use disorders, exploring the influence of genetic explanations and continuum beliefs. Comparative studies highlight factors shaping attitudes, providing insights for the potentiality of continuum models and genetic explanations in reducing stigma.

## **7 Relationship of Problematic Mobile Phone Use, Attachment, and Media Mediation**

**Jonathan Miller**, *Lipscomb University*; Rachel Detherage, *Oklahoma University*; Haleigh Jones, *Oklahoma Christian University*; Mindy Peterson, *Oklahoma Christian University*; Jaycee Santos, *Oklahoma Christian University*

Problematic mobile phone use (PMPU), mobile phone usage (MU), attachment style, and parental media mediation were examined using the following: Cell Phone Usage Inventory, Problematic Mobile Phone Use Scale, Relationship Scales Questionnaire, and Perceived Parental Media Mediation Scale. Findings indicate MU, attachment anxiety, and controlling mediation correlate with PMPU.

## **8 Does social support incrementally reduce substance-related coping for transgender persons**

**Peter Hochman**, *Cleveland State University*; Ilya Yaroslavsky, *Cleveland State University*

Transgender persons are at increased risk for developing alcohol and substance use problems, which may arise from a reliance on such substances to reduce stress. Social support protects against substance-related problems. We tested whether social support incrementally reduces a reliance on substance-related coping for transgendered persons to their cisgender peers.

## **9 Adolescent Vaping Cue Reactivity Via A Novel Virtual Cue Paradigm**

**Sarah Noone**, *University of Chicago*; Emma Brett, *University of Chicago*; Andrea King, *University of Chicago*; Nathan Didier, *University of Chicago*

This study examines the effects of a novel, virtual confederate-delivered cue paradigm in adolescents. Participants reported desire to vape at baseline and post-cue timepoints. Vaping cues increased desire to vape, and this effect was significantly higher in adolescents with vaping experience. This reactivity may indicate susceptibility to future vaping behaviors.

### **10 Reductions in Alcohol Use are Associated with Increased Sleep Quality**

**Andrew Fischer**, *University of Chicago*; Daniel Fridberg, *University of Chicago*; Andrea King, *University of Chicago*

The present study evaluated associations among changes in alcohol use and sleep in young adult binge drinkers enrolled in an alcohol brief intervention trial. At 6-month follow-up, those who reduced days drinking and binges relative to baseline showed significant improvements in sleep quality compared to non-reducers ( $ps > .05$ ).

### **11 Perfectionism and Substance Use Among College Students**

**Michelle Duong**, *Illinois State University*; Laura Finan, *Illinois State University*; Suejung Han, *Illinois State University*

We investigate relations among perfectionism, emotion dysregulation, and substance use outcomes (alcohol and cannabis) among college students. Specifically, we examine if perfectionism dimensions (strivings and concerns) are related to substance use and if this relationship via emotion dysregulation. Findings will provide insight into the personality-emotional-behavior interrelations among college students' lives.

### **12 Genetic essentialism and etiology: Impact on alcohol use disorder stigma**

**Tara Wrobel**, *University of Indianapolis*; Jordan Waldron, *University of Indianapolis*; Enrique Mares-Villicana, *University of Indianapolis*

The purpose of this research is to examine if the impact of etiological information about alcohol use disorder (AUD) is moderated by participant tendency toward essentialist thinking about genes. Participants (MTurk) will read a vignette about an AUD explained by either genes or environment and complete the Genetic Essentialist Tendencies Scale

### **13 Identities and Compassionate Love in Perceptions of a Drug Offender**

**Yasmin Odeh**, *Illinois State University*; Susan Sprecher, *Illinois State University*; Justin Turner, *Illinois State University*

A 2 (cocaine type) x 2 (socioeconomic status) vignette study will be conducted to examine whether people prosecute drug offenders differently based on the type of cocaine used and their socioeconomic status. Participants' individual differences, such as religiosity, political identity, and age will be accounted for.

#### **14 Heavier Drinking Predicts Disinhibition and Attentional Bias in Crowdsourced Sample**

**Mia Radevski**, *University of Kentucky*; Clay Walker, *University of Kentucky*; Gracie Freeman, *University of Kentucky*; Emma Hwang, *University of Kentucky*; Chana Akins, *University of Kentucky*

The current study utilized a crowdsourcing platform, Prolific, to collect data from a large, diverse sample of alcohol drinkers. Well-established laboratory tasks were used to assess behavioral control in the presence of alcohol cues and attentional bias toward alcohol cues.

#### **15 Learning Non-Verbal in Telehealth (LeNViT): A Pilot Project**

**Shiyu Wang**, *Marquette University*; LeeZa Ong, *Marquette University*

This pilot study addresses the need for telehealth training in mental health counseling. An asynchronized 60-minute training covers digital non-verbal empathy and telehealth etiquette. The study evaluates its impact using quantitative and qualitative methods and aims to improve communication and etiquette in telehealth and assess the program's feasibility and effectiveness.

#### **16 Analyzing South Korean Women's Body Satisfaction Through Body Type Exposure**

**Nida Ali**, *Washburn University*; Jericho Hockett, *Washburn University*

120 South Korean women recruited through Prolific will see 90 body arrays increasing in BMI, completing body dissatisfaction measures before and after. We hypothesize that their preferred BMI will increase and body dissatisfaction will decrease, demonstrating cross-cultural generalizability of body array exposure as an intervention to improve women's body image.

#### **17 Sleep and Wellbeing in Esport Athletes**

**Macy Rieman**, *Ball State University*; Anjolie Diaz, *Ball State University*; Arash Assar, *University of Arkansas*; Eshmehar Sahni, *Ball State University*; Alex Sánchez, *Ball State University*; Nyah Winbush, *Ball State University*; Catherine Davis, *Ball State University*; Lydia LaChance, *Ball State University*; Kennedy Swope, *Ball State University*; Ana Júlia Nogueira Mourão, *Ball State University*

Research examining the relationship between psychological needs and burnout in non-traditional athletes is sparse. Guided by Self-Determination Theory, this study will examine factors that may promote psychological well-being in esports athletes. Due to sleep's association with needs satisfaction and burnout, the mediational role of sleep will be investigated.

### **18 Affluence and Domestic Violence: Perceptions of the Playboy Mansion**

**Trisha Prunty**, *Blackburn College*

Investigation of public perception of a domestic violence situation and whether the affluence of the match results in less empathy and more victim-blaming. Findings may shed light on the fact that many people do not view affluent households as domains for domestic abuse.

### **19 Effects of Having a Chronically Ill Parent on College Adjustment**

**Kylie Kimrey**, *Washburn University*

This study aims to investigate how growing up with a chronically-ill parent impacts young adults' adaptation to college. We hypothesize college students with chronically ill parents will have significantly more difficulty with their overall adjustment, more difficulties with transitioning to college, and report lower levels of University sense of belonging.

### **20 Determination of Core and Adaptable Intervention Components: Community-Engaged Model**

**Toriah Haanstad**, *University of Wisconsin--Milwaukee*; **Jalise Kerkenbush**, *University of Wisconsin-Milwaukee*; **Francesco Bianchi**, *University of Wisconsin-Milwaukee*; **Tomás Vasquez**, *University of Wisconsin-Milwaukee*; **Kayla Jackson**, *University of Wisconsin-Milwaukee*; **Cassie Wasniewski**, *University of Wisconsin-Milwaukee*; **Jordan Easterlin**, *University of Wisconsin-Milwaukee*; **Norma Reyes**, *University of Wisconsin-Milwaukee*; **Monica Estrada**, *University of Wisconsin--Milwaukee*; **Alma Vazquez-Smith**, *University of Wisconsin, Milwaukee*; **Gabriela Nagy**, *University of Wisconsin - Milwaukee*

The current study describes a community-engaged approach in the determination of core (i.e., key) and adaptable (i.e., modifiable) components of an 8-week, CBT- based stress reduction intervention, "Cultivating Resilience." Identifying core and adaptable components of psychosocial interventions is fundamental for understanding the mechanisms of change and guiding necessary implementation steps.

## **21 The Longitudinal Relationship Between Smartphone Screen Time and Well-being**

**Alex Ajayi**, *University of Minnesota*; Palwasha Khan, *University of Minnesota*; Theo Thompson-Guldseth, *University of Minnesota*

This study aims to elucidate the relationship between smartphone use and well-being, focusing on mental health, interpersonal connections, and behavior. By employing longitudinal data, we aim to shed light on the potentially dynamic impact of smartphones, particularly screen time, on physical activity, sleep quality, depression, and anxiety.

## **22 Exploring the Relationship between ACEs and Disordered Eating.**

**Adam Bubelenyi**, *Manchester University*; Collin Harris, *Manchester University*; Alexandra Oden, *Manchester University*

The purpose of the study is to explore Adverse Childhood Experiences (ACEs) and the development of disordered eating in college students. This will be done through a survey sent out to students. We hypothesize there will be a positive relationship between ACEs and disordered eating.

## **23 Incorporating Positive Psychological Interventions into Behavioral Medicine**

Fabiana Araújo, *University of Chicago*; Hisham Nsier, *Loyola University Chicago*; Andrea Haidar, *Northwestern University Feinberg School of Medicine*; Nicole Sharf, *The Chicago School of Professional Psychology*; Philip Sarpong, *Wheaton College*; Jacinda Lee, *Rosalind Franklin University of Medicine and Science*; Mary Cherullo, *University of Chicago*; Ellyse Grunsten, *Loyola University Chicago*; **Byron Brooks**, *Loyola University Chicago*

Positive psychological interventions (PPIs) are low-cost, effective interventions to bolster salubrious outcomes and reduce psychological distress. We are studying the use of PPIs in a busy primary care clinic. We expect to find the use of PPIs will benefit patient well-being.

## **24 Chronic Health Conditions and Sleep Fragmentation: A Variability Investigation**

**Jesse Bahrke**, *Rosalind Franklin University*; Susan Tran, *DePaul University*; Joanna Buscemi, *DePaul University*; Rachel Greenley, *Rosalind Franklin University of Medicine and Science*; Steven Miller, *Rosalind Franklin University of Medicine and Science*

This study examines the impact of chronic health conditions on sleep quality, focusing on sleep fragmentation index. 265 undergraduate students

participated, meeting specific criteria. Utilizing a location-scale model, within-person and between-person variations in sleep fragmentation index will be analyzed. Results provide valuable insights for interventions in individuals with chronic illnesses.

### **25 Loneliness and the Stress Response: Investigating Loneliness and Physiological Reactivity**

**Isabelle Watters**, *Avila University*; Marcia Pasqualini, *Avila University*

This study explores the link between loneliness and stress among female college students aged 18 to 25. We anticipate that higher loneliness scores will correlate with reduced high frequency heart rate variability during a stress test, suggesting less parasympathetic activation to counteract the effects of stress.

### **26 Smoking Risk Perception, Behaviors, and Moderating Factors: A Comprehensive Analysis**

**Tenzin Kalsang**, *University of Northern Iowa*; Dilbur Arsiwalla, *University of Northern Iowa*

The goal of this study is to examine smoking behavior, smoking risk perception, smoking knowledge, negative affect, anxiety, and neuroticism among 300 U.S. smokers. Higher smoking risk perception and knowledge will correlate with reduced smoking and an increased quitting likelihood, while negative affect, anxiety, and neuroticism will moderate this relationship.

### **27 Parental Leave Experiences During Psychology Internship and Postdoctoral Fellowship**

**Anna Croghan**, *Clement J. Zablocki VA*; Rachael Spalding, *Clement J. Zablocki VA Medical Center*; Victoria Behr, *Clement J. Zablocki VA*; Devin Ulrich, *University of Illinois at Chicago, College of Medicine*; Kristen P. Howard, *The Ohio State University*; Heather Smith, *Milwaukee VAMC/Medical College of Wisconsin*

The APPIC Guidelines provide little guidance regarding leave policies for trainees who become parents. No known studies have fully characterized the experiences of birthing psychology trainees who have children on internship/postdoctoral fellowship. This study aims to accomplish this through assessing the experiences perceptions/opinions of birthing trainees and training directors.

## **28 Midwest Psychotherapists' Perceptions and Use of Walk and Talk Therapy**

**Julia Slocum**, *Iowa State University*; Nathaniel Wade, *Iowa State University*

A survey of Midwest psychotherapists will provide insights into the roles of perceived helpful and hindering aspects of WTT, exercise identity, nature connection, and perceived safety, accessibility, and belonging in outdoor spaces as predictors of having tried Walk and Talk Therapy (WTT) and psychotherapists' plans for using it in the future.

## **29 Social Media's impact on Emotional Responses to Israel-Palestine war**

**Shaima Aljawfi**, *National Louis University - Illinois School of Professional Psychology*; Kahkasha Khan, *National Louis University, Illinois school of professional psychology*; Asmaa Mahran, *National Louis University - Illinois School of Professional Psychology*

This study analyzes the emotional responses of individuals exposed to traumatic visuals of the Palestine-Israel war on social media. It aims to understand the impact of social media on emotional responses and coping mechanisms and to develop effective interventions for those affected by traumatic events through social media.

## **30 Sport Involvement, Perfectionism, and Disordered Eating Among Emerging Adult Women**

**Karissa Jensen**, *Oklahoma State University*; Elizabeth Lefler, *University of Northern Iowa*

Sport involvement has been shown to be related to disordered eating and perfectionism in various sport types in men and women. The current study explored body dissatisfaction, disordered eating, perfectionism, and competitive sport involvement in emerging adult women.

## **31 Confidentiality rules and practices with digital data of clients in psychology and nursing**

**Cassandre Ouimet**, *University of Quebec at Three Rivers*; Michael Cantinotti, *University of Quebec at Three Rivers*; Colette Jourdan-Ionescu, *University of Quebec at Three Rivers*; Etienne Kimessoukié Omolomo, *Université catholique d'Afrique Centrale*; Liette St-Pierre, *University of Quebec at Three Rivers*; Lyson Marcoux, *University of Quebec at Three Rivers*; Sylvestre Uwizeyemungu, *University of Quebec at Three Rivers*; Bernard-Simon Leclerc, *University of Montreal*; Evelyne Robert Berger, *University of Quebec at Three Rivers*; Benjamin Alexandre Nkoum, *Université catholique d'Afrique Centrale*



Trainees in psychology and nursing from Canada and Cameroon (n=238) were recruited to compare practices associated with the handling of confidential digital data in clinical settings. A lack of training was identified for most participants, highlighting the need for additional skill building in confidential digital data handling.

### **32 Cognitive Functioning in Patients with Depression and Anxiety**

**Linda Sultana**, *Ball State University*; M. Kamruzzaman Mozumder, *University of Dhaka*

The present study aimed to investigate the level of cognitive functioning in patients with depression and anxiety. Results indicated that self-reported perceived cognitive functioning mean score of depression was significantly higher than anxiety. One sample t-test indicated significant differences in cognitive functioning between the non-clinical population and clinical population.

### **33 Self-Help+ as an Approach for Measuring Staff Members' Stress Levels**

**Hannah Riesser**, *Wayne State*; Shelbi Matlock, *University of Detroit Mercy*; Tiffany Abrego, *Eastern Michigan University*

In demanding workplaces, staff well-being is crucial. Self-Help+ technology objectively measures stress, offering accurate stress assessment and personalized stress management. Self-Help+ holds promise for healthier, more productive work environments, with future research aiming to expand its application and refine ethical and security considerations

### **34 Effect of Parental Accommodation and Emotion Regulation on Child Anxiety**

**Evan Realbuto**, *Kent State University*; Megan DuBois, *Kent State University*; Christopher Flessner, *Kent State University*

Parental accommodation (PA) is a well-documented risk factor for anxiety disorders in youth. The current study aimed to explore whether child emotion regulation (ER) skills moderate the relationship between PA and child anxiety symptoms. The study found better ER skills indicated a stronger relationship between PA and child anxiety symptoms.

### **35 Stigma in Rural Mental Health Care: A Mixed Methods Approach**

**Lainie K Krumenacker**, *Murray State University*; Duncan Jordan, *Ohio State University Wexner Medical Center*

This study explored stigma among mental health providers in rural communities. Findings may help us further understand the relationship between stigma and mental health providers, which could provide incentive to redesign treatment for patients, incorporating specific programs to target stigma and cultural humility while providing support for both patient and provider.

### **36 Education, knowledge, and experience among CRC's and clients with NSSI**

**Georgianna Garrels-Rogers**, *Illinois Institute of Technology*; Yen Chun Tseng, *University of Wisconsin-Stout*

Nonsuicidal self-injury (NSSI) is a complex phenomenon that counselors are encountering more frequently across multiple settings. Clinicians may have lower perceived competency and comfortability if they have not received previous training or field experience. Training, knowledge, and experience support provider familiarity and comfortability in working with NSSI.

### **37 Certified Rehabilitation Counselor Careers and Self-Efficacy Related to Non-Suicidal Self-Injury**

**Virginia Spicknall**, *Illinois Institute of Technology*; Yen Chun Tseng, *University of Wisconsin-Stout*

Certified Rehabilitation Counselors (CRCs) work in a wide range of settings (often mental health or vocationally focused). This study looks at differences between CRC's self-efficacy in working with clients who engage in Non-suicidal self-injury (NSSI) as it relates to their career focus.

### **38 Influences of Mindfulness and ADHD symptoms on Depression and Anxiety**

**Livia Obrigewitch**, *University of North Dakota*; DeBen Barnnie, *University of North Dakota*; Sheila Hanson, *University of North Dakota*; John-Paul Legerski, *University of North Dakota*

The study explored the influence of mindfulness facets and symptoms of ADHD (hyperactivity, impulsivity, and intention) to predict depression and anxiety in undergraduate students. Results suggest that individuals lower in certain facets of trait mindfulness exhibit higher levels of depression and anxiety symptoms. Nonjudging predicted both depression and anxiety.

### **39 Mindfulness and Menstrual Cycle: A New Scale Measuring Menstrual Mindfulness**

**Maria Elena Canini**, *University of Toledo*; WESLEY A. BULLOCK, *UNIVERSITY OF TOLEDO*

The present survey study investigated the relationship between mindfulness and menstrual health, yielding results of significant interest and relevance. Additionally, a new scale, the Menstrual Mindfulness Questionnaire (MMQ), was developed to measure women's level of mindfulness as it pertains specifically to their experience of menstruation.

### **40 Internalized Heterosexist Racism and Health Attitudes Among Black Men**

**Alicia Bowling**, *University of Minnesota-Twin Cities*; Drexler James, *University of Minnesota-Twin Cities*

Among Black gay and bisexual men, more experiences of LGBTQ+ racism were associated with more fear of HIV testing and negative attitudes toward medical and psychological help through internalized heterosexist racism. POC heterosexism was associated with fears of HIV testing and negative attitudes toward psychological help through internalized heterosexist racism.

### **41 Environmental Contributors to Interpersonal Violence in the Middle East**

**Deemah Alturkait**, *Ball State University*

This qualitative study looked at how the environment plays a role in perpetuating acts of interpersonal violence in the Middle East. A content analysis generated eight themes that contributed to interpersonal violence: patriarchal norms, systematic oppression, poverty, tribalism, corrupt legal systems, anti-reporting culture, civil conflict, and contradicting cultural norms.

### **42 County-Level Average Household Income and Illinois' Behavioral Healthcare Clinic Staffing**

**Matthew Wilhelmi**, *Illinois Institute of Technology*; Rachel Parson, *Illinois Institute of Technology*; Clarissa Velázquez, *Illinois Institute of Technology*; Steff Du Bois, *Illinois Institute of Technology*

Using a social determinants of health framework, the current study investigated associations between county-level average household income and Illinois' community-based behavioral health clinic staffing levels. Results indicate short staffing levels, regardless of county-level average household income.

#### **43 Dissonance-Based Body Image Intervention on Eating Pathology Symptoms**

**Ariel Schillerberg**, *Augustana University*; Angelica Morales, *Augustana University*; Lindsay Howard, *Augustana University*; Spencier Ciaralli, *Augustana University*; Rachel MacIntyre, *Millersville University*

This study explored the effectiveness of a body image intervention on types of disordered eating behaviors. Results suggest that the intervention is effective at decreasing disordered eating broadly but may be more effective at decreasing disordered eating behaviors related to attaining thinness (e.g., dietary restriction).

#### **44 The Relationship Between Wellness and Ability to Engage in Self-Care**

**Laurel Mertz**, *Mather Institute*; Jennifer Smith, *Mather Institute*

This study examined the relationship between self-care and wellness and explored how gender moderated this relationship. Self-care positively impacted all wellness outcomes. Results also indicated that men were more able to engage in enough self-care compared to women, and their physical health was more positively impacted by self-care.

#### **45 Awe as a Psychological Analgesic to Acute Physical Pain**

**Madison Schony**, *Ohio University*; Dominik Mischkowski, *Ohio University*

Current analgesic psychological interventions have limitations despite theoretical basis. To date, no research has tested awe's analgesic benefits. In a lab study, trait awe moderated the effect of condition (control vs. awe) on pain threshold, suggesting that a combination of trait and induced awe plays a role in pain perception.

#### **46 Climate-Related Disasters and Exacerbation of Health Disparities in Rural Appalachia**

**Ellie Quinkert**, *University of Kentucky*; Grace Seymour, *University of Kentucky*; Mairead Moloney, *University of Kentucky*; Caitlyn Hood, *University of Kentucky*; Abigayle Feather, *University of Kentucky*; Jordyn Tipword, *University of Kentucky*; Colson Brooks, *University of Kentucky*; Abbey Loar, *University of Kentucky*; Zach Siegel, *University of Kentucky*; Melissa Slone, *University of Kentucky*; Frances Feltner, *University of Kentucky*; Nancy Schoener, *University of Kentucky*; Shannon Sauer-Zavala, *University of Kentucky*; Christal Badour, *University of Kentucky*

This study investigated the impact of a major flood disaster in rural Appalachian Kentucky on basic needs and health outcomes. Before the flood, 60% of participants struggled to meet basic needs. Post-flood, this rose to 92%, correlating with increased insomnia, depression, and somatic symptoms.

#### **47 Maternal Characteristics as Predictors of North Dakota Mothers' Postpartum Depression**

**Debarati Kole**, *North Dakota State University*; Heather Fuller, *North Dakota State University*; Chelsey Hukriede, *North Dakota State University*

This study investigates the associations between maternal characteristics and Postpartum Depressive symptoms among North Dakota Mothers. General Linear models (GLM) are used to analyze weighted PRAMS data. Result shows younger age, lower income, unintended pregnancy, and reported depression during pregnancy were all associated with greater depressive symptoms after childbirth.

#### **48 The Relationship between Mental Health Symptoms and Students' Overthinking during Academic Exams**

**Norah Kovac**, *Truman State University*; Emelia Durham, *Truman State University*

This study explored what students mean when they say they are “overthinking” on academic exams. The rate of overthinking was measured along with mental health symptoms, including OCD, Depression, Generalized Anxiety Disorder, and Perfectionism. All listed mental health symptoms were found to be correlated with the rate of overthinking.

#### **49 Small People, Big Feelings: The Perceived Stress Scale for Kids**

**Kim Dell'Angela**, *The Chicago School of Professional Psychology*; Lilyt Nersesyan, *The Chicago School*; Reilly Keyes, *The Chicago School*; Abigail Brien, *The Chicago School*; Sydney Vizvary, *The Chicago School*; Megan Thomason, *The Chicago School*; Jia Wei (Gabi) Tan, *The Chicago School*

This exploratory study evaluates a brief measure of everyday stress – The Perceived Stress Scale for Kids (PeSSKi) – using a convenience sample of 200 neurotypical and neurodiverse children and their caregivers. The PeSSKi has potential to offer age appropriate language for parents to discuss everyday stress with children

## **50 Exploring Factors Related to Acculturative Stress in Asian College Students**

**Xinyi Zhang**, *Illinois Institute of Technology*; Lavinia Popescu Nau, *Illinois Institute of Technology*; ByungHun Ha, *Illinois Institute of Technology*; Michelle Flores, *Illinois Institute of Technology*; Eun-Jeong Lee, *Illinois Institute of Technology*

This study explores acculturative stress in Asian college students, focusing on ethnic identity, internalized Asian stereotypes, and coping strategies. Anonymous data from 73 Midwest college Asian students indicate ethnic identity, internalized Asian stereotypes, and coping strategies all positively correlated with acculturative stress.

## **51 Comparing Acculturative Stress between Asian International and Domestic College Students**

**Xinyi Zhang**, *Illinois Institute of Technology*; Michelle Flores, *Illinois Institute of Technology*; ByungHun Ha, *Illinois Institute of Technology*; Lavinia Popescu Nau, *Illinois Institute of Technology*; Eun-Jeong Lee, *Illinois Institute of Technology*

This study examines acculturative stress in Asian international and domestic students. While both groups experience similar levels of parental expectations, Asian stereotypes, ethnic identity, and quality of life, international students face significantly higher stress levels. Clinicians may consider tailored interventions to address acculturative stress in both international and domestic students.

## **52 Cultivando Fortaleza: ACEs, Social Vulnerability, and Resilience among Latinx Immigrants**

**Monica Estrada**, *University of Wisconsin--Milwaukee*; Natasha Basu, *University of Wisconsin--Milwaukee*; Norma Reyes, *University of Wisconsin--Milwaukee*; Alma Vazquez-Smith, *University of Wisconsin, Milwaukee*; Toriah Haanstad, *University of Wisconsin--Milwaukee*; Alma Navarro, *University of Wisconsin--Milwaukee*; Dante Sosa, *University of Wisconsin--Milwaukee*; Elizabeth Montes, *University of Wisconsin--Milwaukee*; Edwin Chiquito, *University of Wisconsin--Milwaukee*; Gabriela Nagy, *University of Wisconsin - Milwaukee*

This study seeks to a) characterize the demographic characteristics, types of early childhood adversities, and evaluate social vulnerability experienced by Latinx immigrants and b) evaluate change in general stress levels and individual resilience following receipt of Cultivando Fortaleza, an 8-week

stress-reduction intervention designed to reduce acculturative stress among Latinxs.

### **53 Changes in Distress and Need for Treatment over the 2000s**

**Alexander Chang**, *Saint Louis University*; Madison Streb, *Saint Louis University*; Irelan Fricke, *Saint Louis University*; Lauren Papianou, *Saint Louis University*; Paul Handal, *Saint Louis University*

This study examined the differences in Langner Symptom Survey across the 2000s. Women's scores have increased significantly since 2013, while men's have not, indicating that women have been more negatively impacted by recent changes in mental health prevalence.

### **54 Childhood Emotional Abuse to Depression: Role of Mindfulness and Shame**

**Samantha Glidewell**, *Miami University*; Terri Messman, *Miami University*; Prachi Bhuptani, *Miami University*

Based on previous research, this study tested facets of mindfulness and characterological shame as serial mediators between childhood emotional abuse severity and depressive symptoms. Results indicate the association between childhood emotional abuse and depression was serially mediated by some facets of mindfulness, acting with awareness and nonjudgment, and characterological shame.

### **55 Evaluating the Components of an ACT Intervention for College Students**

**Jacob Schachter**, *University of Minnesota*; Alex Ajayi, *University of Minnesota*

The recent ascendance of third-wave cognitive-behavioral therapies and the increase in digital interventions highlight a need to clarify the core components of mental health interventions. The current study aims to empirically evaluate the theoretical components of an online Trauma-Focused Acceptance and Commitment Therapy program for college students.

### **56 Perceived Safety and True Crime Media**

Trisha Prunty, *Blackburn College*; **Claire Stein**, *Blackburn College*

Researchers investigated the degree to which consumption of true crime media impacted a person's perceived safety as measured by feeling safe, neighborhood walkability, safety confidence, and fearing crime. Biggest predictors of feeling less safe were female gender and experiencing previous trauma.

### **57 Psychological Outcomes Following In-Person Protests Among First Responders**

**Ashley Horodyski**, *Northern Illinois University*; Jennifer Valentine, *Northern Illinois University*; Madeleine Piper, *Northern Illinois University*; Michelle Lilly, *Northern Illinois University*

Limited research has examined psychological outcomes following exposure to in-person protests regarding racial inequality among first responders. The current study aimed to bridge this gap by exploring the impact of protest exposure on stress and posttraumatic stress symptoms among first responders across the United States in fall of 2020.

### **58 The Relationship Between Perceived Discrimination, Stress, and Loneliness**

**Cynthia Gaspard**, *University of Chicago*; Emily M. Silver, *University of Chicago*; Anita Restrepo, *Healthy Brain Network*; Sabina Raja, *The University of Chicago*; Greg Norman, *University of Chicago*

The minority stress theory proposes that perceived discrimination is a chronic social stressor for minorities. We examined the implications of this by investigating the relationships between perceived discrimination, stress, and loneliness. Results found that perceived discrimination positively predicted perceived stress and loneliness.

### **59 Pre-trauma insomnia severity predicts using substances to cope after trauma**

**Grace Seymour**, *University of Kentucky*; Christopher Drake, *Henry Ford Health*; David Moore, *Henry Ford Health, Michigan State University College of Human Medicine*; Greg Mahr, *Henry Ford Health*; Matthew Solway, *Henry Ford Health*; Ali Nahhas, *Henry Ford Health*; Anthony Reffi, *Henry Ford Health*

This study assessed the link between pre-trauma insomnia and substance use to cope after trauma in 88 adults admitted to a Detroit intensive care unit. Pre-trauma insomnia severity predicted later substance use for coping, even after considering PTSD symptoms, age, sex, race, and income.

### **60 The Experience of Psychological Flexibility in Adults Facing Intergenerational Trauma**

**Ray Kaidbay**, *michigan school of psychology*

This study explores intergenerational trauma in Lebanon, focusing on psychological flexibility and societal challenges arising from historical



traumas. It aims to enhance mental health interventions, fostering healing and cultural empathy among individuals affected, breaking the cycle of trauma in Lebanese society.

### **61 Relationship between ACEs and Negative Mental Health Outcomes**

**Eshmehar Sahni**, *Ball State University*; **Anjolii Diaz**, *Ball State University*; **Adam Lueke**, *Ball State University*; **Thomas Holtgraves**, *Ball State University*

Adverse childhood experiences (ACEs) are linked to later depression, anxiety, and stress. However, identifying protective factors, such as collectivistic cultural orientation, interdependent self-construal, social support, and higher trait mindfulness may help mitigate the negative impact of ACEs. To investigate this relationship in a diverse population, moderation analyses will be conducted.

### **62 Reactions to Participation in a Trauma-Memory Survey**

**Evan Harrington**, *Chicago School of Professional Psychology*; **Mary Luck**, *Chicago School of Professional Psychology*; **Marlaina Asvestas**, *Chicago School of Professional Psychology*; **Sara Gordon-Blake**, *Chicago School of Professional Psychology*; **Ketty Blum**, *Chicago School of Professional Psychology*

Psychology graduate students were surveyed about beliefs surrounding memory and trauma. One item in the survey inquired whether they had experience child sexual abuse, followed by the Reactions to Research Participation Questionnaire (RRPQ). Results showed elevated emotional reaction, but still within the “neutral” range, and much greater personal benefit.

### **63 Worsening PTSD Symptoms in Veterans Receiving Intensive Cognitive Processing Therapy**

**Michelle Ptak**, *Rush University Medical Center*; **Marley Warren**, *Rush University Medical Center*; **Ryan Schubert**, *Rush University Medical Center*; **Sarah Pridgen**, *Rush University Medical Center*; **Philip Held**, *Rush University Medical Center*

Little is known about the prevalence of symptom worsening among veterans with PTSD undergoing intensive cognitive processing therapy. Of 372 veterans, 17.7% experienced symptom elevation during treatment, however, only 1.3% continued to have symptom elevation by end of treatment. Predictors of symptom worsening were explored, but none were clinically significant.

## **64 Non-Completion of Intensive PTSD Treatment May Impair Symptom Reduction**

**Marley Warren**, *Rush University Medical Center*; Angelee Parmar, *Rush University Medical Center*; Sarah Pridgen, *Rush University Medical Center*; Philip Held, *Rush University Medical Center*

A minority of veterans receiving intensive Cognitive Processing Therapy discontinued treatment before the final session (7%,  $N=613$ ). They finished a median of 6/14 sessions and were significantly less likely to achieve clinically meaningful PTSD reductions. Non-completion in intensive treatments is difficult to predict and may lead to poor patient outcomes

## **65 Association Between Estradiol Levels and Arterial Stiffness in Trauma-Exposed Females**

**Chasity Corbin**, *University of Minnesota*; Chowdhury Tasnova Tahsin, *University of Minnesota*; Chowdhury Ibtida Tahmin, *University of Minnesota*; Zynab Ahmed, *University of Minnesota*; Redeat Wattero, *University of Minnesota*; Azhaar Mohamed, *University of Minnesota*; Kathryn Cullen, *University of Minnesota*; Ida T. Fonkoue, *University of Minnesota*

In premenopausal females, estradiol is known to improve arterial compliance, thereby reducing cardiovascular risk. However, a diagnosis of PTSD may dampen these beneficial effects. This study investigates the effects of estradiol levels on premenopausal females with and without a PTSD diagnosis. Our findings suggest that PTSD does disrupt this association.

## **66 Using Mindfulness Meditation With Children Who Have Experienced Trauma**

Rachel McKeighan, *Missouri Western State University*; Rebecca Mink, *Missouri Western State University*; **Christine Ziemer**, *Missouri Western State University*

In this investigation, a six-week intervention period of mindfulness meditation training was utilized in a group foster home setting in order to determine the effects of mindfulness meditation on children who have experienced trauma. Children completed pre-and post-test questionnaires measuring mindfulness, emotion-regulation, anxiety, depression, and stress.

## **67 Exploring the Relationship Between Sexual Trauma and Institutional Betrayal**

**Maggie Collins**, *Roosevelt University*; Jill Coleman, *Roosevelt University*; M. Liz Deibel, *Roosevelt University*; Cara Wiemeyer, *Roosevelt University*

This study investigated the relationship between sexual misconduct, institutional betrayal, and trauma symptomology. The findings showed that feelings of belongingness at an institution were significantly related to participants' feelings of institutional betrayal. We also gained insight into participants' perceptions of how institutions where sexual misconduct occurred maintained power.

### **68 Clinical Impact of Repeated Deployments on Veteran's Mental Health**

**Ashby Boland**, *Rush University Medical Center*; Anusha Limdi, *Rush University Medical Center*; Angelee Parmar, *Rush University Medical Center*; Sarah Pridgen, *Rush University Medical Center*; Philip Held, *Rush University Medical Center*

We explored the effect of multiple deployments in veterans seeking PTSD treatment. Repeated deployment was associated with lower but non-clinically significant levels of depression, post-trauma cognitions, and alcohol use, but not to PTSD severity or morally injurious events exposure, suggesting limited clinical impact on mental health severity.

### **69 Foster Caregivers' Experiences with Trauma Treatment Program for Young Children**

Alan Burkard, *Marquette University*; Anna Bramlett, *Marquette University*; Jasmin Sanchez, *Marquette University*

This study sought to understand foster caregivers' experiences in treatment for trauma with a young foster child. Using consensual qualitative research (CQR), the responses of foster caregivers who completed a trauma treatment program with their foster child were analyzed thematically. The results have implications for therapeutic interventions for this population.

### **70 Revictimization of Sexual Assault Survivors in the Legal System**

**Hailey Rainier**, *Wright State University*; Aliesha Knauer-Smith, *Wright State University*; Heather Wicker, *Wright State University*; Devon Douglas, *Wright State University*

Re-traumatization throughout the court process is common for survivors of sexual assault. Via a review of existing literature, this study outlines the psychological effects these survivors experience while trying to seek justice against their perpetrators. We suggest that these effects are pervasive and significantly impact survivor decision-making throughout proceedings.

### **71 Barriers to Mental Health Care; Childhood Trauma as a Predictor**

**Riley Ampt**, *Anderson University*

The purpose of this study is to explore childhood trauma as a predictor of barriers to mental health care. Implications of this research may include the development of resources for mental health care focusing on individuals who have experienced trauma during their childhood.

### **72 Associations Between Trauma, Empathy, and Cyberbullying**

**Reilly Branch**, *Iowa State University*; Monica Marsee, *Iowa State University*

This study examined associations between COVID-19-related trauma symptoms, empathy, and cyberbullying in college students. Results indicated that affective empathy acted as a moderator in the relationship between trauma and cyberbullying perpetration. Cognitive empathy failed to moderate this relationship. These results have important implications for the development of cyberbullying interventions.

### **73 Early Childhood Adversity and Attachment in Young Adults' Close Friendships**

**Sarah Pike**, *University of Illinois Springfield*; Michele Miller, *University of Illinois Springfield*

Children exposed to adversity and trauma may display withdrawal or aggression with others due to a lack of trust. They likely experience difficulty establishing and maintaining healthy relationships with others. We hypothesize that more adverse experiences in childhood will be positively associated with insecure attachment in young adults' close friendships.

### **74 Adverse Childhood Experiences (ACEs) and Psychopathology in Adults Experiencing Homelessness (WITHDRAWN)**

**Jeffrey Downes**, *Washburn University*; Julie Boydston, *Washburn University*; Kourtney Barr, *Washburn University*; Kodee Bloom, *Washburn University*

The study is investigating the impact of adverse childhood experiences and childhood experiences of homelessness on adult psychopathology for people experiencing homelessness. Participants are currently experiencing homelessness in the Midwest. Archival data is predicted to show the poorest psychopathological outcomes for those with high ACE scores who experienced childhood homelessness.

### **75 The Role of Sports on Post Traumatic Growth in Youth**

**Abigail Bushnell**, *DePaul University*; Mia Alvarez, *DePaul University*; Jocelyn Carter, *DePaul University*

Team sports may promote Post Traumatic Growth (PTG) in urban youth. Multiple regression showed team sports and family cohesion predicted PTG. The moderating effect of team sports on the family cohesion/PTG relation trended towards significance; for the team sports group, higher levels of cohesion predicted higher PTG at T2.

### **76 Education May Protect Against PTSD Symptom Worsening Following Intensive Treatment**

**Angelee Parmar**, *Rush University Medical Center*; Sarah Pridgen, *Rush University Medical Center*; Marley Warren, *Rush University Medical Center*; Philip Held, *Rush University Medical Center*

We explored predictors of PTSD symptom worsening following a 2-week CPT program for veterans. We found small symptom increases 3 months after treatment, with no significant correlations to age, sex, race, or ethnicity. Veterans with graduate degrees had decreased symptom increases, possibly due to higher socioeconomic status and skill retention.

### **77 Event Centrality and Posttraumatic Growth: The Role of Meaning Making**

**Haileigh Verdeyen**, *Illinois State University*; Suejung Han, *Illinois State University*

Considering trauma central to one's identity can result in problematic outcomes and posttraumatic growth (PTG). It is unknown what promotes growth over distress. This study will examine meaning making as a moderating variable. We expect that meaning making will increase the strength of the association between event centrality and PTG.

### **78 Empowering Recovery: Feminist Approach to CPTSD Treatment for Women**

**Jaylen Bychowski**, *Illinois State University*

Complex Post-Traumatic Stress Disorder (CPTSD), a condition with unique symptoms and challenges, impacts women disproportionately. A feminist therapy approach considers the systemic influences that place women at an increased risk of developing CPTSD symptoms. Recommendations for integrating feminist principles into treatment will be provided.

### **79 Loneliness and Non-Suicidal Self-Injury: The Impact of Adverse Childhood Experiences**

**Chelsea Howd**, *Western Kentucky University*; Amy Brausch, *Western Kentucky University*

This study examined the effect of loneliness on non-suicidal self-injury (NSSI) in adults and how adverse childhood experiences (ACEs) impact this relationship. Loneliness had a stronger effect on NSSI at low levels of ACEs, underscoring ACEs as a prominent NSSI risk factor.

### **80 Contextual Motivators for Violence and Aggression: A Qualitative Study**

**Deemah Alturkait**, *Ball State University*; Alexandria Johnson, *Ball State University*

This study will examine highly aggressive adults to determine their motivations for engaging in violence. Recruitment and data collection will continue until thirty participants have completed a phone interview. During the interviews, participants will be asked about their previous experiences with aggression and what they believe motivates violence.

### **81 Mindfulness Practice: A Tool to Promote Compassion and Cultural Humility**

**Justina Or**, *Kettering College*

Compassion and cultural humility are helpful components for cross-cultural interactions. Given that recent research demonstrates the usefulness of mindfulness for facilitating other-focused emotions, perceived social connectedness, and decreased implicit biases, I am conducting a one-group pre-test/post-test study to examine the effects of brief mindfulness practice on compassion and cultural humility.

**Affiliated Meeting of  
The Society for Teaching of Psychology**

----- Thursday, April 18<sup>th</sup>, 2024 -----

**STP Invited Address**

**Working Together: Practicing Diversity, Equity, and Inclusion**

**Mikki Hebl**  
Rice University

Thursday. 8:30 AM – 9:30 AM

Salon 12

This talk will focus on research that I have conducted over a 25 year period. In this talk, I will journey through my research career to provide an overview of my DEI research that has inspired other research as well as practical solutions in organizations.

**Affiliated Meeting of  
The Society for Teaching of Psychology**

----- Friday, April 19<sup>th</sup>, 2024 -----

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**Society for Teaching Psychology Roundtables I**

Friday, April 19 | 8:30 AM-2:20 PM

Salon 4

**8:30 AM Abnormal Psychology: What's Up With the Name Change?**

**Angela Duncan**, *Washburn University*; Julie Boydston, *Washburn University*

The use of “abnormal psychology” to describe the study of mental disorders has been challenged and replaced with “psychopathology”. However, this shift hasn't been closely examined and we are concerned “psychopathology” will only perpetuate stigma and insensitivity. The roundtable will discuss this issue and perceptions of the name change.

**9:20 AM Teaching Psychology for Environmental Justice and Sustainability**

**Elise Amel**, *University of St. Thomas*; Christie Manning, *Macalester College*; Catherine Daus, *Southern Illinois University Edwardsville*; Makayla Quinn, *University of St. Thomas*

Myriad psychological variables underly the motivation, intensions, decisions, and behaviors required for people to take sustainable action. Psychology instructors, therefore, play a crucial role in preparing students to lead change. This session will provide ideas and resources, and an opportunity to brainstorm about infusing sustainability throughout the psychology curriculum.

**10:10 AM Revisiting Teaching Strategies in Cross-Cultural Psychology: Moving Beyond Traditional Methods**

**Seyma Inan**, *Mercyhurst University*

The roundtable proposal seeks to answer the main three topics: integrating cultural contexts into teaching materials; carefully and mercifully listening to



minority students' voices in class discussions; applying highEDtech tools to accommodate diverse learning styles in classrooms.

### **11:00 AM Reflections on Department Assessment and Programming to Support Student Belonging**

**Liana Peter-Hagene**, *North Central College*; Nicole R. Rivera, *North Central College*; Leila Azarbad, *North Central College*

This roundtable will discuss ongoing departmental efforts to assess student climate and develop practices that increase inclusivity and student belonging. After sharing our process and findings, we will facilitate discussion around how to be reflective in this process and overcome the challenges of this work.

### **11:50 AM Teaching statistics: Tips, tricks, and traps**

**David Nalbone**, *Purdue University Northwest*

What works, and what does not work, when teaching statistics? This roundtable will focus upon a discussion of successful and unsuccessful teaching strategies, as well as tips and tricks that may be useful for instructors of statistics, and traps to avoid.

### **12:40 PM Getting Past Learning Bottlenecks in Collaboration with Student Partners**

**Leslie Cameron**, *Carthage College*; Temple Burling, *Carthage College*; Sophia Choronzuk, *Carthage College*

In this interactive roundtable discussion, we will invite the audience to consider using decoding and student partners to enhance student learning. We will show how our own work has not only enhanced student learning in our classes, but has led to a fruitful partnership with students and reinvigorated our own teaching.

### **1:30 PM Market-Ready Psychology Majors: Resources for Professional Development Across the Curriculum**

**Amy Lauer**, *Mount Mary University*; Amanda Mae Woodward, *University of Minnesota Twin Cities*

In Summer 2023, STP and CAFE formed a working group to generate resources promoting awareness of skill development across a variety of psychology courses. In this roundtable, we will highlight these resources and engage in lively discussion about how to best support undergraduate students beginning their career paths.

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## STP Poster Session

Friday, April 19 | 10:00 AM-11:15 AM

Upper Exhibit Hall

### **69 Writing Workshops Can Improve Student Research Reports**

**Jessica LaPaglia**, *Morningside University*

Writing workshops were implemented in a research methods course to 1) help students organize their thoughts prior to writing 2) get students to begin the writing process early, and 3) provide students with feedback and support during the writing process. This model significantly improved student APA style research reports.

### **70 Assessing the Impact of a Stress Class on Student Well-being**

**Alissa Russell**, *Saint Mary's College*; **Jordan Specht**, *Saint Mary's College*; **Valerie Stutesman**, *Saint Mary's College*

Considering college students' high levels of self-reported stress, stress education may be particularly beneficial during this developmental period. Twenty-two students enrolled in a Stress and Resilience class completed an initial survey and a final evaluation to assess the impact of the class on lived experience.

### **71 Presenting a Technology Policy in a Course Syllabus**

**Kathryn O'Toole**, *North Park University*

Framing manipulations have been used to study student perceptions of course syllabi. The current project extends this line of work to investigate technology policy framing within the course syllabus. A loss-framed policy was perceived less favorably than a gain-framed technology policy or a technology policy lacking a rationale.

### **72 Helping Introductory Psychology Students Improve Study Skills and Metacognition**

**Colleen Stevenson**, *Muskingum University*

This study focused on improving Introductory Psychology students' use of study strategies and metacognition. Those who completed study journals increased their use of high and moderate utility study strategies. Compared to others, they increased the likelihood of changing strategies when they didn't understand something though exam scores did not differ.

### **73 Student Characteristics that Influence Their Perceptions of Various Instructor Behaviors**

**Tucker Jones**, *Washburn University*; Donald Saucier, *Kansas State University*

Two studies systematically examined the extent to which students' generational status (i.e., being a first-generation vs. a continuing-generation college student) and/or the extent to which they feel like they belong in higher education is related to their perceptions of and anticipated responses toward various instructor behaviors.

### **74 Teaching-related Moral Injury Among College Teachers**

**Guy Boysen**, *McKendree University*; Brynne Luebbers, *McKendree University*; Mia Wylie, *McKendree University*; Philipp Schmidt, *McKendree University*

People possess deeply held standards for moral and ethical behavior. Violations of these standards can lead to moral injuries that are associated with mental health problems. Although past research has focused on soldiers and first responders, the current study explored the frequency and effects of moral injury among college teachers.

### **75 Building Belonging: Loneliness Is so 2020**

**Julie Evey**, *Kent State University, Geauga*; Heather R. Thrush, *Kent State University, Geauga*

A campus retention committee reviewed relevant measures and focused on belonging. Faculty and staff were trained in ProjectConnect and students in a General Psychology course participated in five-week sessions. Pre and post test comparisons showed statistically significant improvements in all four measures of belonging used and a decrease in loneliness.

### **76 Using Gameplay to Educate about Gender Bias and Motivate Action**

**Jessica Cundiff**, *Missouri University of Science and Technology*; Leah Warner, *Ramapo College of New Jersey*

To overcome challenges of teaching about bias, we created the Workshop Activity for Gender Equity Simulation-Classroom (WAGES-Classroom), which leverages experiential learning via gameplay and discussion. Multiple studies demonstrate that WAGES-Classroom is an effective teaching tool, grounded in scientific research and theory, for motivating action and educating about gender bias.

### **77 Learning statistics with jamovi: An open educational resource**

Sydney McCarron, *Simpson College*; Anthony Potratz, *Simpson College*; Jenna Woodward, *Simpson College*; **Sal Meyers**, *Simpson College*

We created an online open educational resource with sets of practice problems for undergraduate students learning statistics with jamovi, a free, menu-based package built on R. The sets all use real data from published studies, and most of the studies are related to issues of diversity, equity, and inclusion.

### **78 Student belonging: When and how it impacts academic performance**

**Lauren Behnk**, *University of Nebraska-Lincoln*; **Meklit Aga**, *University of Nebraska-Lincoln*; **Chelsea Witt**, *University of Nebraska Lincoln*

We analyzed 176 students' experience in 3 different courses. Our results suggest that course and university belonging impact students' academic behavior, final course grades, and subjective learning. However, there are other important factors to consider in this relationship (e.g. first-generation status, SES, class size, and students' mental health concerns).

### **79 All Are Welcome Here: Using Inclusive Language in Education**

**M. Liz Deibel**, *Roosevelt University*; **Jesus Ruan**, *Roosevelt University*; **M. Steven A. Meyers**, *Roosevelt University*

As professors, it is essential that we stay up-to-date on terminology, not only to help our students feel included within academia and maintain ethical standards in the field of psychology. This poster will address ways to implement inclusive language into the classroom, regarding gender identity, sexual orientation, and biological sex.

### **80 Study skills 101: integrating study skills into introductory psychology courses**

**Vanessa Ayala**, *Roosevelt University*; **Emily Maniaci**, *Roosevelt University*; **Shelby Sellars**, *Roosevelt University*; **Steven A. Meyers**, *Roosevelt University*

In order to promote better academic performance and higher rates of retention among college students, we provide information and resources regarding the implementation of a basic study skills curriculum within standard introductory psychology courses. Relevant suggestions include how to integrate positive academic skills like note-taking, study planning, and learning skills.

### **81 Effectiveness of an online psychology/neuroscience careers course**

**Valerie Scott**, *Indiana University Southeast*; **Todd M. Manson**, *Indiana University Southeast*

A pre- and post- course assessment was conducted on psychology and neuroscience students enrolled in sections of a careers course switched from face-to-face instruction to online. Results showed a significant improvement in career decision self-efficacy as well as significant improvement of career-

related knowledge and a significant decrease in associated misconceptions.

### **82 Online vs In-Person Teaching: An Apples-to-Apples Comparison**

**Jessica Pleuss**, *Morningside University*; Rachel Tudehope, *Morningside University*

We examine online versus in-person learning by comparing concurrent sections of the same course, using the same textbook, instructor, assignments, and lecture slides. We find that when these course features are consistent, factors such as major and intentionality when choosing the course matter more than whether the course is online.

### **83 Evaluating process-oriented teaching methods to reduce bias**

**Tay Hack**, *Angelo State University*

This study explored teaching methods in an undergraduate course on diversity. Students completed a pretest and posttest measuring their personal beliefs about social groups, then rated the effectiveness of the teaching methods used during the course. Findings indicated an overall reduction in bias; enhanced lectures were rated most effective.

### **84 Utilizing podcasts to achieve inquiry based learning**

**Shannon De Clute**, *Tiffin University*

Utilizing podcasts as a form of inquiry-based learning required students to utilize high level cognitive processing skills and resulted in deeper connections to course content and recognition of the development of transferable skills.

### **85 Autonomous, Controlled, Intrinsic: decoding their impact on GPA and studying**

**Alina Hyk**, *Oregon State University*; Sarah Emerson, *Oregon State University*

This research enhances the understanding of academic motivation in education and learning. It highlights the significant influence of autonomous and intrinsic motivations on study strategies. The findings, which also show a limited impact on GPA, add valuable insights to the literature, particularly regarding which scales to use and for what purposes.

### **86 Gender Differences in Self-Perception Accuracy: Using Personality to Predict Grades**

**Ryan Brunner**, *Westminster College*

Is it possible to use student forecasted Big Five scores to predict end-of-semester grades? A study examined gender differences in self-perception accuracy among introductory psychology students. Male students were more

accurate than female students at predicting their own personality traits. Only male predicted-conscientiousness scores correlated with end-of-semester grades.



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**Affiliated Meeting of  
The Society for Teaching of Psychology**

----- Saturday, April 20<sup>th</sup>, 2024 -----

**STP Invited Address**

**The Silver Linings of the AI Cloud: Using LLMs for Better Workflow in  
Academia**

Jordan R. Wagge  
Avila University

&

Alexander Swan  
Eureka College

Sat. 9:30AM – 10:20 AM

Salon 9

This talk aims to assist psychology instructors to use Large Language Models (LLMs), such as ChatGPT, to improve teaching, research, and service productivity, refine projects, and optimize workflow in areas like data analysis, summarizing readings, and lecture assistance. We'll go through several examples that we use in our own work.



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## Society for Teaching Psychology Roundtables II

Saturday, April 20 | 9:40 AM-1:00 PM

Salon 4

### **9:40 AM Decolonizing the Psychology Curriculum Part 3: The Syllabus**

**Nancy J Bothne**, *The Chicago School of Professional Psychology*; Cynthia Lubin Langtiw, *The Chicago School of Professional Psychology*

This roundtable invites participants to engage in idea sharing and strategizing to decolonize the psychology syllabus. This roundtable follows decolonizing psychology curriculum efforts of the previous two years. Participants consider specific questions relying on a framework offered by Twyman-Ghoshal and Carkin Lacorazza (2020) and our shared experiences.

### **10:30 AM Walking the Tightrope: Managing Political Discourse in the College Classroom**

**M. Saad Athar**, *Roosevelt University*; Jesus Ruan, *Roosevelt University*; M. Liz Deibel, *Roosevelt University*; Laura Hyder, *Roosevelt University*; Steven A. Meyers, *Roosevelt University*

Socio-political conflicts have long-lasting impacts on the environment of classrooms and campus culture in higher academia. This round-table discussion will explore best practices in navigating socio-political discussions within the classroom and address elements such as establishing boundaries of discourse, responding to tension, and tending self-care of students and faculty.

### **11:20 AM Accessibility and Accommodations in the Classroom**

**M. Liz Deibel**, *Roosevelt University*; Vanessa Ayala, *Roosevelt University*; Emily Maniacci, *Roosevelt University*; Shelby Sellars, *Roosevelt University*; Steven A. Meyers, *Roosevelt University*

This round-table discussion will provide recommendations on making the classroom accessible for students with neurodiversity, sensory disabilities, and chronic health conditions. We will highlight the benefits of accommodations and suggestions for implementation. We will also reference legal standards and research findings on best practices for higher education professors.

### **12:10 PM Otherland! A Gamified Approach to Developing Holistic Understanding of 'Othering'**

**J. Scott Jordan**, *Illinois State University*; Maisha Orthy, *Illinois State*

University; Zhi Quan Lim, *Illinois State University*; Michael Dow, *Illinois State University*; Megan Herling, *Illinois State University*  
Otherland exposes students to a holistic philosophy (Wild Systems Theory; WST—Jordan, 2013) to help them develop a holistic understanding of themselves and the world. Students read culturally informed graphic novels to practice detecting holistic relationalities in perceptions and cognitions. Better understanding of WST predicted better expression of holistic understanding.



## Society for Teaching Psychology Symposia

Saturday, April 20 | 9:20 AM-1:30 PM

Salon 9

### **9:20 AM Successfully Embedding Diversity into your Introduction to Psychology Curriculum**

**Heather Johnston**, *Columbus State Community College*; Nicole Evangelista Brandt, *Columbus State Community College*

In 2021, the lead faculty at Columbus State Community College revised our Introduction to Psychology course using a diversity, equity, and inclusion lens. We incorporated diversity throughout the entire course including curriculum and assessments. We will share our progress, student reactions, and suggestions to increase diversity content in psychology courses.

### **10:10 AM Not Just Majors: Statistics as a GenEd using Project-Based Learning**

**Anne Stuart**, *American International College*; Sandra Segó, *American International College*

“But I teach stats!” That was our initial cry upon learning that all GenEd courses must address recently adopted core competencies. By scaffolding a group project into the course, we have transformed our statistics course into a true GenEd that reinforces oral communication, written communication, critical thinking, and information literacy.

### **11:00 AM Using NVivo as a Tool for Teaching Undergraduate Research Courses**

**Marcie Coulter-Kern**, *Manchester University*; Hannah Thomson, *Manchester University*

We present a step-by-step manual for teaching students how to use NVivo to store, organize, and analyze qualitative data. Five lab experiences are presented that introduce students to qualitative research, coding, theme

identification, drawing conclusions, data management skills, and running queries.

**11:50 AM Career Mentorship for Applied Psychology Fields: Challenges, Successes, & Future Directions**

**Travis Pashak**, *Saginaw Valley State University*; Jordan Waldron, *University of Indianapolis*; Judith Zatzkin, *Bemidji State University*; Jonathan Hammersley, *Western Illinois University*

#1 (Waldron): Experiential Learning to Prepare for Clinical Work: The Benefits of Undergraduate Internships. #2 (Zatzkin): Making Community Connections: When Students Want to Help, but Do Not Want to Be a Therapist. #3 (Hammersley): The Challenges & Successes of Developing and Implementing an Undergraduate Mental Health Minor. #4 (Pashak): Career Mentorship of Aspiring Mental Health Helpers in Michigan: Resource Development, Professional Reflections, and Lingering Questions.

**12:40 PM Early predictors of academic struggles within multiple psychology courses**

**Andrew Riquier**, *University of Nebraska at Omaha*; Beth Lyon, *University of Nebraska at Omaha*; Mithra Pirooz, *University of Nebraska at Omaha*  
Using a multiple regression model, we aim to use early-semester assignments from several psychology classes across multiple the undergraduate curriculum to predict overall course performance. Doing so will provide educators with a straightforward, low-effort way to identify students that may struggle later in the course.

**Affiliated Meeting of  
The Society for Community Research and Action  
Open Meeting of the Division 27 Interest Group**

----- Friday, April 19, 2024 -----

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**SCRA Poster Session**

Friday, April 19 | 10:00 AM-11:15 AM

Upper Exhibit Hall

**30 Has Poverty become the new face of Mental Illness**

**Shantay Coleman**, *Walden University*

What I am seeing as a clinician is that a lot of patients and clients that I am currently treating throughout various states in the USA are facing hardships that are causing them to suffer from various psychological disorders such as stress, major depression, and suicidal ideations. However, once we address the patients and clients associated needs that are unrelated to mental illness most of the patients and client's signs and symptoms associated with mental illness tends to diminish. Thank you, have a good day.

**31 Using Continuous Quality Improvement to Enhance College Integrated Student Supports**

**Rosaura Domínguez-Rebollar**, *Michigan State University*

Due to higher education achievement disparities among migrant farmworking students, the U.S. established the College Assistance Migrant Program (CAMP) to retain these students into higher education. I am using mixed methods to test whether Continuous Quality Improvement (CQI) is an acceptable, appropriate, and feasible method to enhance CAMP supports.

**32 Exploratory Qualitative Study on Vietnamese in Rural Kentucky**

**Quang Anh Nguyen**, *DePaul University*; **Joseph R. Ferrari**, *DePaul University*; **Zachary H. Ellis**, *DePaul University*

This study is conducted to explore the health needs of a Vietnamese population living in rural Kentucky. The project includes interviewing staff

and patients from a specifically designated clinic for Vietnamese immigrants. Answers between will be compared to facilitate new services, adjust current ones, and engage the community better.

### **33 Collaboration in Community: Developing a Community-Based Research Partnership**

**Irelan Fricke**, *Saint Louis University*; Paul Handal, *Saint Louis University*  
Establishment of the community-based collaborative partnership between the Independence Center and Saint Louis University Department of Psychology centers on the shared goal to engage in a developing research project. This collaborative partnership is founded in consultation, reduction in hierarchy and power differentials, and placing study development in dialogue with the community.

### **34 “Grad School is a Double-Edged Sword of Challenges”**

**Brianna Mabie**, *DePaul University*; Natalie Gasterland, *DePaul University*  
Focus groups with first-generation graduate students reveal that university and non-academic relationships sustain perseverance; strain on time and finances increase first-generation student burden; and the university needs to work with graduate students to increase opportunities to connect with each other.

### **35 Sports-Based Youth Development Staff Well-Being: A Mixed Method Analysis**

**Melanie Tran**, *University of Illinois at Chicago*; Vanessa Diaz, *University of Illinois at Chicago*; Sungha Kang, *Loyola University Chicago*; Tara Mehta, *University of Illinois at Chicago*  
This community-based, collaborative study with 6 organizations investigates Sports-Based Youth Development staff well-being amid two public health crises. Employing a convergent mixed-method design, this study identifies societal factors as primary job demands and organizational and personal factors as key resources. Results suggest leveraging context-specific organizational support for improved staff well-being.

### **36 Shifting Routines among Families with Children with Disabilities during COVID-19**

**Tina Giordano**, *Illinois School of Professional Psychology at National Louis University*; Tara Flanagan, *McGill University*  
This study explored the changes in routine and social and emotional impacts experienced by families of children with diagnosed disabilities or presenting as having characteristics of disabilities (“disabilities”) due to mandatory

school closures during COVID-19 in Québec, Canada, through a Disability Studies lens. Results indicate negative outcomes of closures.

### **37 Women's Resilience: Mental Health Initiative at Cook County Jail**

**Michelle Soans**, *DePaul University*

This project empowers incarcerated women at Cook County Jail through tailored mental health workshops. Weekly sessions introduce coping skills and discussions on trauma, fostering self-discovery and social connections. Pre and post-surveys reveal improved mental well-being. Personalized feedback shapes sessions, resulting in enhanced resilience and mental health awareness among participants.

### **38 Don't Suppress, Reassess: Emotion Regulation and Parenting**

**Reed Donithen**, *The Ohio State University*; Julianna Calabrese, *The Ohio State University*; Sarah Schoppe-Sullivan, *The Ohio State University*

We used observational data from parents in dual-earner families to investigate associations between parents' emotion regulation and parenting quality. Results indicated that cognitive reappraisal may result in higher-quality parenting, whereas expressive suppression may negatively impact parenting quality, for both the parent engaging in expressive suppression and their partner.

### **39 Mapping my approach to a community-engaged dissertation**

**Linnea Hjelm**, *University of Wisconsin-Madison*

This poster presents a visual model of my approach to participatory practice through a community-engaged dissertation project. I invite experienced and emerging scholars alike to dialogue about and reflect on what it really takes to navigate institutional expectations *and* centralize community expertise through collaborative, transformative, and mutually-beneficial research.

### **40 Rural and Urban Differences in Survivors' Experiences Seeking a Civil Protective Order**

**Hannah Samuels**, *DePaul University*; Megan Greeson, *DePaul University*

Community context can impact sexual assault survivors' help-seeking experiences. This study examined how community context (rurality vs. urbanicity) impacts survivors' experiences seeking civil protective orders (CPOs) from advocates' perspectives. The findings suggest rurality significantly impacts survivors' experiences, and rural survivors may face unique challenges obtaining CPOs.

### **41 Evaluating Alumni Compensation and Satisfaction of an Alternate**

## **Licensure Program**

**Paula Covarrubias**, *University of Illinois at Chicago*; Shruti Bharatia, *University of Illinois at Chicago*; Joanna Skourletos, *University of Illinois at Chicago*; Timothy Curby, *George Mason University*; Catherine Main, *University of Illinois at Chicago*; Katherine Zinsser, *University of Illinois Chicago*

By utilizing a post-program survey, we assessed changes in compensation and satisfaction for alumni from a novel alternative licensure program. Highly satisfied alumni indicated an increase in compensation of at least \$10,000 after completion and reported positive impacts on their career and skill development.

## **42 Community Economic Characteristics and Women’s SUD Recovery**

**Katherine Kaminski**, *DePaul University*; Justin Bell, *DePaul University*; Leonard Jason, *DePaul University*

When women work, those in her neighborhood have greater opportunities to improve their well-being. The purpose of this study is to examine the effects of economic characteristics on community-level substance use programs. We will assess the degree to which economic characteristics, particularly employment, affect the retention of women in recovery homes.

## **43 Oxford House Recovery Residence Experiences of LGBTQ+ Individuals**

**Nicole Ernst**, *DePaul University*; Leonard Jason, *DePaul University*

This study will look at LGBTQ+ individuals in three recent datasets collected from surveys at different Oxford House conventions in relation to differences within recovery house experiences. Results demonstrate the differences in recovery house experience in areas such as support, stability, self-esteem, and satisfaction for LGBTQ+ individuals.

## **44 Religious Behaviors, Stress & Well-Being Among College Students in the Midwest**

**Rhonda Lewis**, *Wichita State University*; Alexander Wren, *Wichita State University*; Madi DeFrain, *Wichita State University*; McKenzie James, *Wichita State University*; Ngoc Vuong, *Wichita State University*; Rosalind Canare, *Wichita State University*

The purpose of this study was to examine the religious behaviors (meditation, prayer, and attendance), stress (i.e., perceived helplessness and perceived self-efficacy), and positive and negative affect of college students post pandemic using an ecological approach. A preliminary analysis was conducted with 218 college-aged students.

#### **45 Personalized Fitness Training Improves Exercise Attitudes and Mental Well-Being**

**Scott Peterson**, *Southwest Minnesota State University*; Kris Cleveland, *Southwest Minnesota State University*; Jacob Fike, *Southwest Minnesota State University*

Psychological scales were administered to examine the mental health benefits of participating in a 12-week university-sponsored personalized fitness training program. In addition to the expected gains in biometric indicators of physical fitness, data collected from community clients indicate improved attitudes toward exercise, mental well-being, and perceived health.

#### **46 A Systematic Review of Professional Development to Prevent Early Childhood Expulsion in Illinois**

**Allegra Hinojosa-Cabrera**, *University of Illinois at Urbana Champaign*; Joanna Paul, *University of Illinois Chicago*; John Borrero, *University of Illinois Chicago*; Maya Chan Morales, *University of Illinois Chicago*; Katherine Zinsser, *University of Illinois Chicago*

Illinois Public Act 100-0105, bans the expulsion of children from child care and preschool and stipulates that teachers should have access to training to reduce expulsion, but their availability is unknown. Findings will inform recommendations to Illinois early childhood stakeholders to strengthen their response to exclusionary discipline.

#### **47 Does carceral investment predict police homicides? An exploratory study**

**Andrea DaViera**, *University of Illinois, Chicago*; Alfred Rodriguez, *University of Illinois Chicago*; Citlalli Santiago, *University of Illinois Chicago*; Amanda Roy, *University of Illinois- Chicago*

Activists argue that defunding carceral resources can save lives, but limited research demonstrates if carceral investments are related to police violence. This analysis finds that increasing funding for carceral resources (e.g., police, jails), compared to health/social support resources (e.g., human services, elderly services) predicts increases in police homicide overtime.

#### **48 Decoding Post-Exertional Malaise: Identifying Complex Symptomatology in Chronic Illness**

**Katherine Tuzzolino**, *DePaul University, Oberlin College*; Leonard Jason, *DePaul University*

Post-exertional malaise (PEM) worsens ME/CFS symptoms after activity. Its variability makes it challenging for patients to manage, emphasizing researchers' need to understand subtypes. This study (N = 2,124) categorizes



ME/CFS individuals by PEM manifestations, revealing most experience both mental and physical symptoms. Our results have implications for symptom management.

#### **49 Impact of Childhood Trauma on Help-seeking for Substance Abuse Treatment**

**Alexander Wren**, *Wichita State University*; Rhonda Lewis, *Wichita State University*

The purpose of this study is to examine the influence that adverse childhood experiences have on help-seeking behavior for substance use treatment. To investigate this the research team is conducting a survey to collect data on substance use and help-seeking behavior for substance use treatment.

#### **50 Navigating Purpose: Gender Dynamics, Workplace Support, and Social Change in Working Adults**

**Anthony Ogiore**, *Saint Louis University*; Patrick Hill, *Washington University in St. Louis*; Megan Wilson, *Washington University in St. Louis*; Payton Rule, *Washington University in St. Louis*

This study explores how gender, self-efficacy, and workplace recognition influence purpose in 300 adults, expecting reduced support for women, especially in social change. Extending retirement well-being research, it examines life transitions, gender, and psychological well-being through purpose and workplace support surveys. Methodological details are unclear as surveys are still being completed.

#### **51 Evaluating a Continuity of Care Program for Detainees with SUD**

**Stacie Furst-Holloway**, *University of Cincinnati*; Valerie Hardcastle, *Northern Kentucky University*; Clay Driscoll, *Northern Kentucky University*; Joveria Baloch, *Northern Kentucky University*; Chelan Beasley, *University of Cincinnati*; Eleanor Bicknell, *University of Cincinnati*; Madison Gibson, *University of Cincinnati*; Emma Hargis, *University of Cincinnati*; Brittany Miller, *University of Cincinnati*; Carlos Munoz-Serna, *University of Cincinnati*

The purpose of this study is to examine a continuity of care program for treating justice-involved individuals with substance abuse disorder. We focus on how the program impacts participants' self-perceptions, relationships with others, intentions to reuse, and post-release behaviors. We also discuss implications for practice and policy.

#### **52 Status-of-the-Science Study on Interventions Targeting Acculturative Stress in Latinx Immigrants**

**Sabreet Kaur Dhatt**, *DePaul University and University of Wisconsin-*

*Milwaukee*; Stephanie Salcedo Rossitch, *Durham Veteran's Affairs Hospital*; Jason Villeda, *Children's National Hospital*; Allison Stafford, *Duke University School of Nursing*; Leila Ledbetter, *Duke University School of Medicine*; Jordan Wrigley, *Future of Privacy Forum*; Jennifer Gierisch, *Duke University School of Medicine*; Rosa Gonzalez-Guarda, *Duke University School of Nursing*; Gabriela Nagy, *University of Wisconsin - Milwaukee*

Latinx immigrants face acculturative stressors that contribute to mental health declines. This evidence map on interventions addressing acculturative stress revealed the nascent nature of this field characterized by small pilot studies, highlighting the need for rigorous studies and the large-scale dissemination of interventions across geographic regions and settings.

### **53 Sex/Gender Differences in Social Relationships within Oxford Recovery Houses**

**Daisy Diaz**, *Saint Xavier University*; Ted Bobak, *DePaul University*; Kelsey Moreno, *Saint Xavier University*; Leonard Jason, *DePaul University*

Substance use disorders (SUD) pose a significant public health challenge, impacting millions worldwide. This study found females with an increased quality of life are more likely than males to have an increased length of stay. Understanding these differences is crucial for tailored interventions and imposed outcomes.

### **54 Understanding the Narrative: How Do Second-generation Khmer American Men Cope?**

**Anna Vu**, *DePaul University*; Linda Toch, *DePaul University*; Florina Chhay, *DePaul University*; Anne Saw, *DePaul University*

This study explores contemporary community traumas and coping among second-generation Khmer American men. Interviews with ten participants reveal community issues (i.e., family mental health, community violence, negative perceptions of community) and culturally specific coping mechanisms (i.e., seeking external support, engaging creative outlets, addressing family systems in healing).

### **55 Promoting youth-adult partnership through art and community collaboration at school**

**Alexandra Barringer**, *Augustana College*; Bella Perkins, *Augustana College*; Faith Wright, *Augustana College*

It is important to understand how innovative community programming promotes youth-adult relationships in school settings. An arts program designed by a local art museum at a public high school was chosen as the site for this case study. Themes include youth-adult negotiation in an empowering space and adult role restructuring.

### **56 Increasing Student Engagement: Psychological Well-being, Suicidality, and Belongingness**

**McKenzie James**, *Wichita State University*; Rhonda Lewis, *Wichita State University*

This study aimed to examine psychological well-being, suicidality, leisure time, demographic factors, and student engagement to assess if there is a need to change the campus environment to engage and accommodate gender and sexual minority groups in hopes of designing culturally responsive interventions.

### **57 What is Teacher Caring? Middle School Students' Perspectives**

**Claire Galloway**, *University of Illinois at Chicago*; Jenna Whitehead, *Simon Fraser University*; Kay Thursby Bourke, *University of Illinois at Chicago*; Aynsley Parker, *University of Illinois at Chicago*; Kimberly Schonert-Reichl, *University of Illinois at Chicago*

Fourth and fifth grade students' descriptions of caring teachers were examined via qualitative analysis of responses to, "What are some things that teachers do to show they care?" Key themes that emerged included: Kind, Clear, and Calm, with Kind being most frequently endorsed. Implications for future work will be discussed.

### **58 The Role of Acculturation on Pessimism/Optimism on Mothers of Mexican Descent**

**Mariana Gonzalez-Torres**, *Marquette University*; Kimberly D'Anna-Hernandez, *Marquette University*

The Hispanic population has increased in the U.S. over decades, and there's evident disparities in maternal health. Previous work shows that higher levels of optimism indicate lower levels of anxiety, stress, and perinatal depression. This study aims to identify if acculturation or enculturation is associated with either pessimism and/or optimism.

### **59 Examining Housing Stability in Oxford House Recovery Homes**

Connor O'Brien, *DePaul University*; **Elizabeth Garrity**, *DePaul University*; Ted Bobak, *DePaul University*; Leonard Jason, *DePaul University*

Using a set of characteristics proposed by a leader within the Oxford House organization, a university research team operationalized them into what is now called the Oxford House Stability Questionnaire. The findings suggest that these ecological and structural house characteristics are useful for better understanding these settings.

### **60 Empowerment Through Education (E2E): Supporting maternal**

## **health equity in Atlanta, Georgia**

**Ellie Buebendorf**, *Urban Metrics Consultants, LLC*; Kimberley Broomfield-Massey, *Urban Metrics Consultants, LLC*

Great inequity exists in perinatal health in the United States according to race and ethnicity. These inequities are pronounced in Fulton County, GA. Empowerment Through Education (E2E) is an educational program designed to provide Black women with the education and support to have healthy pregnancies and enhance health equity.

## **61 A Case Definition for Predicting Clinical Diagnoses of Long COVID**

**Lauren Ruesink**, *DePaul University*; Leonard Jason, *DePaul University*

This study uses machine learning to investigate the predictive ability of several significant symptoms like fatigue and shortness of breath in determining a diagnosis of Long COVID, with the intent of developing a case definition for this condition that can be used by clinicians, researchers, and the general public.

## **62 The Social Networks of Residents on MAT within Oxford House**

**Alexander Sikora**, *DePaul University*; Leonard Jason, *DePaul University*

This study looked at social networks among Oxford House residents, specifically those undergoing Medication-Assisted Treatment (MAT). The goal of the study is to examine social network dynamics for MAT individuals on friendship, advice-seeking, and loaning relationships. This study looks to add to the growing literature on MAT and social networks.

## **63 Qualitative ME/CFS Consensus Building**

**Aiden Rathmann**, *DePaul University*; Suvetha Ravichandran, *DePaul University*; Leonard Jason, *DePaul University*

The illness Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) lacks a unanimous definition due to its contentious history. This project qualitatively analyzed survey responses to understand ME/CFS community members' beliefs about defining the illness. Even without a universal definition, it was found that the community is aligned on several key issues.

## **64 Unveiling Stigma: Exploring Homeless Shelter Staff Attitudes that Perpetuate Stigma**

**Ugochinyere Onyeukwu**, *DePaul University*; Jesse Gamoran, *DePaul University*; Molly Brown, *DePaul University*

There is limited research on negative or stigmatizing attitudes held by homeless shelter staff toward individuals who reside in shelters for extended periods of time. The qualitative study of 16 shelter staff aims to identify how

negative or stigmatizing attitudes manifest in their conceptualization of housing barriers among long-term shelter.

### **65 Understanding Illness Trajectories in College Students with ME/CFS**

**Nicole Hansel**, *DePaul University*; Leonard Jason, *DePaul University*

This longitudinal study followed college students who developed Myalgic Encephalomyelitis/Chronic Fatigue Syndrome following infectious mononucleosis over ~6 years to examine long-term health outcomes. The findings indicated that while many who developed ME/CFS experienced some symptom improvement, most continued to experience impairment at follow-up, especially amongst those who originally reported more severe symptomatology.

### **66 The influence of maternal anxiety on Latino infants' sleep quality.**

**Analise Segarra**, *Marquette University*; Kimberly D'Anna

Hernandez, *Marquette University*

Mexican-American mothers experience increased anxiety during pregnancy that can influence later fetal nervous system development. We researched the mechanisms which maternal anxiety influences infant sleep quality through heart rate variability (HRV), an early marker of nervous development. We found that there was no relationship between maternal anxiety, HRV, and infant sleep quality.

### **67 Approaching Suicide: Intersecting Community Psychology and Critical Suicidology**

**Liam Mahoney**, *DePaul University*; Leonard Jason, *DePaul University*;

LaVome Robinson, *DePaul University*

Critical suicidology addresses: suicide as a historically contingent concept, bias in current mainstream suicidology, the ecological aspects of suicide (as opposed to a purely individual understanding of suicide), and the necessary incorporation of the contextual lived experience of suicide into scientific methodology.

### **68 Natural Mentors Promoting a Positive Identity Among College Students**

**Elena Gonzalez Molina**, *Loyola University*; Lidia Monjaras-Gaytan, *DePaul University*; Breanna Billups, *DePaul University*; Jade Valdez, *DePaul University*

*University*

Is closeness with mentors associated with discussions of one's identity with their mentor, which is in turn associated with decreased stigma towards their identity? Data was collected from 956 college students. Preliminary results

indicate a significant association between closeness to mentors and the extent of discussions regarding students' salient identities.

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### SCRA Symposium

Friday, April 19 | 9:00 AM-9:55 AM

Salon 2

#### **9:00 AM Co-Creation of a Culturally-Relevant and Trauma-Informed Intervention with Black Women Grieving the Loss of Children to Gun Violence & Incarceration**

**Sophia Shieh**, *Northwestern University Center for Child Trauma Assessment Services and System Integration*; **Lisa D. Daniels**, *Darren B. Easterling Center for Restorative Practices*; **Uma Guarnaccia**, *Northwestern University, Feinberg School of Medicine*; **Sophia Duffy**, *Dominican University*; **Aldena Brown**, *IAE*; **Tracy Fehrenbach**, *Northwestern University Feinberg School of Medicine*

This symposium focuses on co-creating an culturally-responsive and trauma-informed intervention, utilizing qualitative interviews with diverse stakeholders (psychologists, researchers, group-facilitators, people with lived-experiences, and participants). It highlights integrating academic research with community experiences, discussing group dynamics and the intersection of power, race/ethnicity, developmental stage, and gender on the co-construction process and intervention outcome.

### SCRA Roundtable

Friday, April 19 | 9:00 AM-9:55 AM

Marshfield

#### **9:00 AM Self-Employment for Youth with Disabilities: Barriers, Benefits & Facilitators**

**Sarah Deangelo**, *University of Illinois at Chicago*; **Joanna Keel**, *UIC*; **Fabricio Balcazar**, *University of Illinois, Chicago*

Given the poor employment outcomes experienced by individuals with disabilities, self-employment and entrepreneurship may be more accessible options for many. This session aims to provide a platform for participants to discuss the unique barriers, benefits, and facilitators to self-employment experienced by youth with disabilities.

### SCRA Roundtable

Friday, April 19 | 9:00 AM-9:55 AM

Logan

**9:00 AM Coping with Stress in Different Cultural and Social Contexts**

**Michelle Soans**, *DePaul University*; **Cecilia Mercado**, *DePaul University*; **Elizabeth Garrity**, *DePaul University*

This discussion aims to explore stress experiences within various cultural and social contexts, emphasizing the unique challenges faced by students, prison populations, law enforcement officers, individuals with recurrent substance use. By centering the discourse on community-driven research, the discussion seeks to foster a holistic understanding of stress and collaboratively develop interventions that promote social justice.

**SCRA Symposium**

Friday, April 19 | 9:00 AM-9:55 AM

Madison

**9:00 AM Living Rooms: An Innovative Community Response to Mental Health Crises**

**Annie Wegrzyn**, *Susquehanna University*; **Quinmill Lei**, *DePaul University*; **Christopher B. Keys**, *DePaul University*; **Bonnie Hassan**, *Trinity Services, Inc.*; **Patricia Johnstone**, *Trinity Services, Inc.*

Developing new programs requires a welcoming environment, fidelity to core principles, an appetite for addressing unanticipated challenges, and robust documentation for feedback and program improvement. These aspects are focal points in three presentations on Trinity’s Living Room—an innovative mental health crisis response emphasizing the value of peer support.

**SCRA Symposium**

Friday, April 19 | 9:00 AM-9:55 AM

Salon 1

**9:00 AM The Connection between Nature and Mental Health**

**Shreya Aragula**, *DePaul University*; **Anna Vu**, *DePaul University*; **Linda Toch**, *DePaul University*; **Anne Saw**, *DePaul University*; **Sabreet Kaur Dhatt**, *DePaul University and University of Wisconsin-Milwaukee*

Communities co-existing with nature have better health than those removed from it. To explore the impact of nature on mental health, we conducted 18 qualitative interviews with diverse participants. They reported that nature provided a safe space for healing from trauma, increasing connection with oneself, and one’s environment.

**SCRA Roundtable**

Friday, April 19 | 9:00 AM-9:55 AM

Kimball

**9:00 AM Connections through stories in a town facing deep divide**

**Andrea Plamondon**, *Nation Louis University*

How do you use stories to create connections and spark challenging conversations? This research study identified a new method – The Community Story Engine - to build connections in the community, spark challenging conversations, and collect the community’s voice sharing their strengths and challenges as input into strategic action planning.

### SCRA Roundtable

Friday, April 19 | 9:00 AM-9:55 AM

Indiana

#### **9:00 AM Substance use related health disparities among Latina women**

Connor O'Brien, *DePaul University*; **Lisa Vallee**, *Purdue University Northwest*; Leonard Jason, *DePaul University*; Elizabeth Garrity, *DePaul University*; Ted Bobak, *DePaul University*; Alexander Sikora, *DePaul University*; Shadman Saquib, *DePaul University*; Mayra Guerrero, *University of Illinois Chicago*; Yolanda Suarez-Balcazar, *University of Illinois at Chicago*; Alexa Nieder, *DePaul University*; *Daisy Diaz*, *Saint Xavier University*; *Yasmear Abdullah*, *Saint Xavier University*

Latina women face health disparities in the experience and treatment of substance use disorders (SUDs) and encounter unique barriers. This roundtable will discuss different factors that are relevant for Latinas with SUDs and ways to reduce these health disparities and improve access to SUD treatment and recovery homes.

### SCRA Roundtable

Friday, April 19 | 10:00 AM-10:55 AM

Kimball

#### **10:00 AM The Impact of Internet and Artificial Intelligence on Exacerbating Mental Health Conditions through Self-Diagnosis**

**Lateefat Odunuga**, *National Louis University*; Lauretta Omale, *National Louis University*; Suzette Fromm Reed, *National Louis University*; Judith Kent, *National Louis*

This presentation illuminates the evolution of mental health care, tracing its changes in response to the internet and artificial intelligence. As social distancing measures were taken to combat the pandemic, many individuals experienced negative consequences for their relationships and mental well-being.

### SCRA Symposium

Friday, April 19 | 10:00 AM-10:55 AM

Madison

#### **10:00 AM Cultural Practices and Traditions Promoting Gender-based Violence in Nigerian Communities**



**Titilayo Ogunbambi**, *National Louis University*; Judah J. Viola, *National Louis University*

Traditional institutions wield significant influence over cultural practices in the southwest region of Nigeria, potentially promoting or keeping the community safe from gender-based violence (GBV). Data collected from residents of six states explored relationships between negative perceptions of these institutions and increased vulnerability to GBV. Findings may help reshape policies.

### **SCRA Roundtable**

Friday, April 19 | 10:00 AM-10:55 AM

Logan

#### **10:00 AM Debate on Administrating Community Healthcare: Providers vs. Patients vs. Researchers**

**Paul Cathey**, *DePaul University*; Katherine Tuzzolino, *DePaul University, Oberlin College*; Lauren Ruesink, *DePaul University*; Meghan Dietrich, *DePaul University*; Nicole Hansel, *DePaul University*; Suvetha Ravichandran, *DePaul University*; Aiden Rathmann, *DePaul University*; Leonard Jason, *DePaul University*; Mingqi Li, *DePaul University*

Orchestrating healthcare demands varied perspectives: a bottom-up lens prioritizes patient-centric care, adapting to individual needs; the top-down approach emphasizes clinician expertise for efficient care delivery; researchers advocate for evidence-based collaboration. Join us for a live debate exploring the effectiveness of these approaches and their potential synergies in crafting a holistic.

### **SCRA Roundtable**

Friday, April 19 | 10:00 AM-10:55 AM

Indiana

#### **10:00 AM Engaging in International Partnerships and Research: Experiences and Lessons Learned**

**Jared Hunt**, *DePaul University*; Taylor Swenski, *DePaul University*; Kailyn Bare, *DePaul University*; Susan McMahon, *DePaul University*; Moshood Olanrewaju, *SCRA Regional Network Coordinator*; Joseph R. Ferrari, *DePaul University*; Laura Migliorini, *University of Genova*; Andrew P. Camilleri, *DePaul University*; Zachary H. Ellis, *DePaul University*; Martina Olcese, *University of Genova*

Community psychologists will discuss their experiences conducting international research and evaluation and developing partnerships with scholars around the world. The teams will cover their experiences with international collaboration and what they have learned from the projects they have conducted.

## SCRA Symposium

Friday, April 19 | 11:00 AM-11:55 AM

Indiana

### **11:00 AM The Illinois Public SAFE-T Act Under the Microscope: A Qualitative Study of Support and Opposition**

**Lauretta Omale**, *National Louis University*; Titiayo Ogunbambi, *National Louis University*; Kanyshai Saiabaekeva, *National Louis University*; Jaimelee Behrendt-Mihalski, *National Louis University*; Ericka Mingo, *National Louis University*; Judah J. Viola, *National Louis University*

This study explores support and opposition to Illinois' SAFE-T Act. Qualitative data is collected through interviews with both supporters and opponents of the law, revealing nuanced perspectives. The research identifies key themes in criminal justice reform policy perspectives, facilitating better communication and evidence-based policy adjustments for equitable implementation.

## SCRA Symposium

Friday, April 19 | 11:00 AM-11:55 AM

Madison

### **11:00 AM Service Providers' Perspectives of Supporting Unhoused People: A Strengths-Focused Study**

**Ann Smith**, *National Louis University*

Homelessness is a real problem affecting many individuals with basic needs. This Quantitative study explores Homeless Service Providers (HSPs) Perspectives on balancing these needs with supportive services. Survey results of 46 participants in Illinois revealed that HSPs are satisfied with their jobs but need more resources for clients' satisfaction.

## SCRA Roundtable

Friday, April 19 | 11:00 AM-11:55 AM

Salon 3

### **11:00 AM Identifying Empowerment & Community Collaboration Strategies to Support Reentry Reduce Recidivism After Incarceration**

**Tonya Hall**, *Chicago State University*; Martha Williams, *Retired from Chicago Public Schools*; Shaun Bhatia, *DePaul University*; Charles Hardwick, *Howard Area/CSAC North*

This Roundtable Discussion focuses on the CAR research program model designed to identify empowerment and community collaboration strategies that support successful reentry and reduce recidivism rates of adults after penal incarceration. Join the roundtable to discover effective reentry strategies as well as have the opportunity to offer your own ideas.

### SCRA Roundtable

Friday, April 19 | 11:00 AM-11:55 AM

Kimball

#### **11:00 AM Hope After Incarceration: Community-Based Reentry and Recovery Homes**

**Justin Bell**, *DePaul University*; Jodie Dewey, *Chestnut Health Systems*; Alexa Nieder, *DePaul University*; Leonard Jason, *DePaul University*

Individuals with substance issues impacted by the legal system face immense challenges to housing. This roundtable will cover new efforts to link individuals with recovery-supportive living environments, recovery homes. Two teams, DePaul University and Chestnut Health's Lighthouse Institute, will discuss their research in this area and the future of community-based housing solutions.

### SCRA Roundtable

Friday, April 19 | 11:00 AM-11:55 AM

Logan

#### **11:00 AM Exploring Racism's Impact on Child & Youth Development: How Community-centric Models Function Toward Healthy Development in the United States**

**Fakelia Guyton**, *National-Louis University*; Shanya Gray, *National Louis University*

In recent years, some of the largest institutions in our country have begun to shift past the common practice of pathologizing Black and Brown children's 'lack' development or achievement. There is new applied research from the American Academy of Pediatrics, University of North Carolina at Chapel Hill, and Boston University-Wheelock College that demonstrates how systematic disinvestments from structural racism impact brain development and adversely impact school outcomes. In this session, we will explore the following: 1) learn about what brain science tells us about community-centric models, 2) take a critical lens to past research and begin to explore the shift to applied research that explores how the ecology of the child is the foundation to healthy development.

### SCRA Symposium

Friday, April 19 | 1:00 PM-1:55 PM

Indiana

#### **1:00 PM Moving from Stigma to Support: The Role of Cultural Values in Harm Reduction Messaging**

**Lauretta Omale**, *National Louis University*; Judah J. Viola, *National Louis University*; Brad Olson, *National Louis University*; Modena Stinnette, *National Louis University*

This study examines the impact of one-size-fits-all communication on harm reduction services, revealing that culturally insensitive messaging perpetuates stigma and discourages service use. It suggests that aligning communication with community values and norms can dismantle barriers. Strategies include honoring cultural diversity, using inclusive language, fostering participation, and addressing specific cultural

### **SCRA Roundtable**

Friday, April 19 | 1:00 PM-1:55 PM

Logan

#### **1:00 PM Unveiling Ethical Complexities: Long COVID Hurdles in Contemporary Healthcare**

**Paul Cathey**, *DePaul University*; Nicole Hansel, *DePaul University*; Meghan Dietrich, *DePaul University*; Lauren Ruesink, *DePaul University*; Katherine Tuzzolino, *DePaul University*, *Oberlin College*; Suvetha Ravichandran, *DePaul University*; Leonard Jason, *DePaul University*; Aiden Rathmann, *DePaul University*; Mingqi Li, *DePaul University*

As of June, 6% (12.5mm) of US adults reported having Long COVID (CDC, 2023). However, we remain effectively in the dark on how to treat, let alone identify, this emerging chronic illness. Join us in considering several case studies, exploring the ethically charged challenges of defining, treating and raising public awareness of Long COVID.

### **SCRA Roundtable**

Friday, April 19 | 1:00 PM-1:55 PM

Marshfield

#### **1:00 PM Cells to Society: Can Neuroscience Contribute to Clinical-Community Practice?**

**Karyn Byrne**, *PhD candidate at National Louis University*; Israh Ibrahim, *PsyD candidate at National Louis University*; Emese Vitalis, *National Louis University*; Leonard Jason, *DePaul University*; Brad Olson, *National Louis University*

There is hesitancy in community psychology to emphasize genetic and neurobiological processes aiming to avoid deterministic thinking and the stigmatization and labeling of specific individuals and groups. This roundtable will discuss the consequences of incorporating modern neuroscience into our understanding of human functioning and societal problems.

## SCRA Roundtable

Friday, April 19 | 1:00 PM-1:55 PM

Kimball

### **1:00 PM Strengthening Partnerships: Community Participation and Integration Within the Legal System**

**Justin Bell**, *DePaul University*; Safa Asad, *DePaul University*; Christopher B. Keys, *DePaul University*; Steven Uhrik, *National Louis University*; Judah J. Viola, *National Louis University*; Tina Luzzi, *National Louis University*; Amanda Lanigan, *Uppsala University*

Activists have raised awareness of the need for greater integration between community stakeholders and criminal justice systems.

The session will include highlights from research teams at DePaul University and National Louis University and their efforts to study innovative criminal justice programming and public perceptions surrounding law enforcement.

## SCRA Roundtable

Friday, April 19 | 1:00 PM-1:55 PM

Madison

### **1:00 PM Northside Refugee & Asylum Seeker Coalition (NRASC): The Process of Building State-Level Advocacy Coalitions**

**Moshood Olanrewaju**, *SCRA Regional Network Coordinator*; Najlah Iqbal, *Swedish Covenant Hospital*; Moyosoreoluwa Falana, *Swedish Covenant Hospital*; Sarah Pajeau, *Rohingya Culture Center, RAN Member*; Nadia Jimenez, *Swedish Covenant Hospital*

In the proposed panel discussion session —With a panel of experts, we aim to contextualize the success, challenges, and strategies of administering a coalition by interrogating the Northside Refugee & Asylum Seeker Coalition impact, structure, and future operational directions.

## SCRA Roundtable

Friday, April 19 | 2:00 PM-3:30 PM

Indiana

### **2:00 PM Different Shades of Blackness Represented in Psychology**

**Moshood Olanrewaju**, *SCRA Regional Network Coordinator*; Geraldine Palmer, *Adler University*; Nasjere Williams, *Adler University*; Izmane Jean-Louis, *Adler University*; Lisa Norzea, *Adler University*; Cikylie C. Hughes, *Adler University*; Cameron Warren, *Adler University*; George Nipah, *Adler University*; Ngosa Pepala, *Adler University*; Mtisunge E. Kapalamula, *Adler University*

Black psychologists from the clinical/community psychologists will outline some challenges they face as they navigate the psychological industry and the

unique strengths they mobilize when collaborating on publication, research, and intervening in communities.

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**SCRA MPA Conference Reception**

Please join members of Division 27 for dinner after the MPA Presidential Address. The location for dinner will be Exchequer Restaurant & Pub near The Palmer House. All are welcome to attend.

**Please RSVP**, if possible to [networkcoordinating@scra27.org](mailto:networkcoordinating@scra27.org)

Friday, April 19<sup>th</sup> @ 4:00PM - 6:30PM  
Exchequer Restaurant & Pub  
226 S Wabash Ave  
Chicago, IL 60604  
(312) 939 - 5633

**Affiliated Meeting of Psi Chi  
The International Honor Society for Psychology**

----- Thursday, April 18, 2024 -----

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**PSI CHI SYMPOSIUMS**

**Psi Chi Symposium I**

Thursday, April 18 | 9:00 AM-9:50 AM Salon 2

**9:00 AM Publishing Undergraduate Research: Benefits, Outlets, and Process**

**Shawn Charlton**, *University of Central Arkansas*

This session is geared toward undergraduate researchers and their mentors. We will discuss the benefits of publishing undergraduate research as well as possible journal options and strategies. We will also go through the steps of submitting research, thinking about what to expect at each stage of the process.

**Psi Chi Symposium II**

Thursday, April 18 | 10:00 AM-10:50 AM Salon 2

**10:00 AM Inclusive Demographic Questioning: Guidance and Revisions**

**Gabrielle Smith**, *Texas Woman's University*

This symposium highlights the crucial need for inclusivity in demographic research. It discusses the dangers of sustaining biases with improper data collection methods, provides guidelines for sensitive and inclusive questioning, and stresses the importance of overcoming historical shortcomings to align with modern diversity and inclusion standards.

**Psi Chi Symposium III**

Thursday, April 18 | 11:00 AM-11:50 AM Salon 2

**11:00 AM How to Prepare for Graduate School Interviews**

**Jamie L. Bromley**, *Franklin College*; Marcie Coulter-Kern, *Manchester University*

This session is for undergraduates to learn tips on how to best prepare for graduate school interviews, in-person or online. We will discuss similarities and differences between Master's and Doctoral graduate school interviews and provide frequently used interview questions to help undergraduates prepare. We will bring information from students that have gone through the process recently and graduate faculty that do the interviewing. We will also cover best practices for how to proceed when your interview is complete. This session is for undergraduate students who are preparing for graduate school interviews, in-person or online.

### **Psi Chi Symposium IV**

Thursday, April 18 | 1:30 PM-2:20 PM

Salon 2

**1:30 PM Doing a thesis? Start with open science!**

**Jordan R. Wagge**, Jasmine Beltran, Mariah Brewe, Sydney Gardner, Taylor Staves, Isabelle Watters, *Avila University*

Selecting a topic for a thesis or independent project can be daunting, but open science offers many resources for students and mentors. This symposium will provide some ideas to get you started on rigorous, open, transparent research that will make an impact and provide good training.

### **Psi Chi Symposium V**

Thursday, April 18 | 3:00 PM-3:50 PM

Salon 3

**3:00 PM Life as a Graduate Student: An Inside Look**

**Kay Thursby Bourke**, *University of Illinois at Chicago*; Alissa Russell, *Saint Mary's College*; Marjorie Schaeffer, *Saint Mary's College*

Interested in graduate school? In this session, you will hear multiple perspectives from current graduate students! Learn about the experiences of current students navigating the many roles of graduate student life. Panelists will also discuss how jobs or other pathways prepared them for graduate school.

### **Psi Chi Symposium VI**

Thursday, April 18 | 3:30 PM-4:20 PM

Salon 2

**3:30 PM Using Psychological Research to Help Community Organizations'**

**Jason Runyan**, *Indiana Wesleyan University*



In his address at the Association of Psychological Science Convention, Bryan Stevenson argued that the only way for researchers to truly understand and contribute to communal life is by being deeply imbedded in their communities. In this symposium, we will discuss ways to implement this directive using students' involvement with an addiction recovery residential home as an example.

## Psi Chi Symposium VII

Thursday, April 18 | 4:00 PM-4:50 PM

Salon 3

### **4:00 PM Head-first Into in the Workforce**

**Marianne Fallon**, *Psi Chi, the International Honor Society in Psychology*

As you prepare to enter the workforce, your focus may be on resume building and interviewing skills. What happens once you get the job? We will discuss how what you learned as a psychology student can help you succeed in your next job. Special emphasis on emotional and physical health.



## Data Blitz I

Thursday, April 18 | 2:30 PM-3:20 PM

**Moderator:** Marcie Coulter-Kern (Manchester University)

Salon 2

### **2:30 PM Face processing across diagnoses: Systematic review and meta-analysis of N170 amplitudes in bipolar disorder and major depressive disorder.**

**Kara West**, *Augustana College*

Social cognition is key in resilience, but often impaired in psychiatric conditions. This meta-analysis of N170 amplitudes therefore targets face processing in BD and MDD across twenty-seven studies. We predict small-to-medium mean effect sizes in both disorders. Assessing this substrate of social cognition across diagnoses provides insights for future behavioral interventions.

### **2:37 PM The bad test-taker notion: Perceived prevalence and co-occurring academic characteristics**

**Katherine Brandenburg**, *Benedictine College*; Joanna Gambino, *Benedictine College*

The current study examined the prevalence of the bad test-taker identity among college students and its correlation with the variables of test anxiety,

academic self-efficacy, and academic procrastination. The majority of participants believed that bad test-takers exist and identifying as a bad test-taker was significantly positively correlated with test anxiety.

### **PSI CHI AWARD WINNER**

#### **2:44 PM Jurors' decisions in a criminal abortion trial: Effects of defendant race and abortion attitudes**

**Marissa Sun**, *Kenyon College*

Mock jurors ( $N=159$ ) considered a defendant (South Asian or White) charged with murder stemming from an alleged self-induced abortion. Participants experienced “voir dire,” indicating abortion attitudes before the mock trial. Although there were no effects of defendant race, pro-abortion attitudes predicted diminished conviction likelihood—effects mediated by various case judgments.

#### **2:51 PM Adults with physical disabilities' pain & public misperceptions**

**Claire Shaver**, *University of Denver*; Kevin Summers, *University of Denver*; Colleen Cassidy, *University of Denver*; E. Paige Lloyd, *University of Denver*

We documented people living with visible physical disabilities' (PLWPD) and people without physical disabilities (PW/OPD) experiences with social and physical pain. We predict that PLWPD will report *greater* sensitivity to physical/social pain than PW/OPD. We predict that past experiences of hardship will predict self-reported physical and social pain sensitivity.

### **PSI CHI AWARD WINNER**

#### **2:58 PM I will not apologize! The Dark Triad inversely predicts forgiveness-seeking**

**Nhi Hoang**, *Hope College*

The present study investigates the Dark Triad (DT) personality as a predictor of forgiveness-seeking intentions. Results from an online sample ( $N = 200$ ) showed that empathy and guilt mediated the inverse relationship between the DT and forgiveness-seeking. The moderating role of relationship value and victim's exploitation potential will be examined.

### **PSI CHI AWARD WINNER**

#### **3:05 PM Is justice really blind?: The effects of attorney attractiveness on an undergraduate jury's perception of attorney persuasiveness, competence, trustworthiness, and expertness**

**Maggie Buss**, *North Park University*

Benefits of physical attractiveness in society are likewise observed in the courtroom. We will present a simulated jury with one of three levels of

attorney attractiveness to explore how attorney attractiveness influences jury perceptions of attorney persuasiveness, competence, trustworthiness, and expertness. We expect the attractive condition to rate most highly.

### **PSI CHI AWARD WINNER**

#### **3:12 PM Effect of Spirituality, Art, and Growth Mindset Interventions on the Mental Health of College Students**

**Emma Hawkins**, *Holy Cross College*; **Kia Carvalho-Landell**, *Holy Cross College*; **Gabriel Falcone**, *Holy Cross College*; **Helga Lopez**, *Holy Cross College*

We investigated the combined effect of growth mindset intervention with art intervention or with mindfulness meditation on mental health in college students. Our hypothesis is that the combined effect of growth mindset and art, and growth mindset and mindfulness meditation will result in relatively greater improvements in mental health.

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## **PSI CHI POSTERS**

### **Psi Chi Posters I - Applied, Biological, Experimental**

Thursday, April 18 | 8:30 AM-9:20 AM

Upper Exhibit Hall

#### **1 Overthinking: A new perspective**

**Ashton Lee**, *Truman State University*; **Star Alexander**, *Truman State University*; **Emelia Durham**, *Truman State University*; **Norah Kovac**, *Truman State University*; **Kenzie Clement**, *Truman State University* (Karen Vittengl, Faculty Sponsor)

#### **2 Lay perceptions of organizations' performance-diversity goal relations**

**Ziqi Yao**, *Purdue University*; **Franki Kung**, *Purdue University*; **Zhixu (Rick) Yang**, *Purdue University* (Franki Kung, Faculty Sponsor)

#### **3 Examining the role of gender, performance level, and awareness of psychological diagnosis on work performance judgements**

**Alexa Schretenthaler**, *University of Wisconsin - River Falls*; **Andrea Odney**, *University of Wisconsin - River Falls* (Travis Tubre, Faculty Sponsor)

#### **4 Accent on Bias: Exploring Speech Comprehensibility and Hiring**

## **Decisions**

**Artemii Udovenko**, *Missouri Western State University* (Kelly Bouas Henry, Faculty Sponsor)

## **5 Polarized politics: Interactions among flexibility, fitness, and perceived group status**

Artemii Udovenko, *Missouri Western State University* (Kelly Bouas Henry, Faculty Sponsor)

## **PSI CHI AWARD WINNER**

### **6 The Moderating Effect of Attachment Style on Social Exclusion and Productivity**

**Seneca Craven**, *Adrian College* (Dr. Janet Pietrowski, Faculty Sponsor)

This study investigates the moderating effect of attachment style on social exclusion and its impact on productivity. Fifty-two participants engaged in Cyberball and completed a productivity task. Results showed participants were more productive when they were included. Additionally, avoidantly attached, excluded participants were the least productive group.

## **PSI CHI AWARD WINNER**

### **7 Employment Challenges for People with Autism Spectrum Disorder (ASD)**

**DeNae Bube**, *University of Wisconsin Green Bay*; Brooke Bayerl, *University of Wisconsin Green Bay*; Megan Dobner, *University of Wisconsin Green Bay*; Mia Laufer, *University of Wisconsin - Green Bay*; Hannah Baker, *University of Wisconsin - Green Bay*; Noah Oltmanns, *University of Wisconsin - Green Bay*; Hailey Roth, *University of Wisconsin - Green Bay*; Anmol Bhatoya, *University of Wisconsin - Green Bay* (Allen Huffcutt, Faculty Sponsor)

The unemployment rate for individuals with autism spectrum disorder is eight times the national average. This study gathers employment-related information from ASD individuals to better understand challenges they face during the employment phases. Such information can be utilized by both companies and ASD individuals to find mutually beneficial matches.

### **8 Should I Apply? Gender, Job Criteria, and Job Application Behavior**

**Avery Liby**, *Kansas State University* (Clarissa R. Steele, Faculty Sponsor)

### **9 Cultural mindset's influence on engineering team outcomes**

**Dante Bruno**, *Purdue University*; Franki Kung, *Purdue University*; Sang Eun

Woo, *Purdue University* (Franki Y.H. Kung, Sang Eun Woo, Faculty Sponsor)

**10 If you wanna be my lover, you gotta implement your plans:  
Implementation intentions and initiation of romantic relationships.**

**Candace Wasner**, *The College of St. Scholastica* (Nicole T. Nowak, Anna M. Semanko, Faculty Sponsor)

**11 I can take it: Life and job satisfaction in negative work environments**

**Amani Qaqish**, *Oakland University*; Amber Efthemiou, *Oakland University*; Kanako Taku, *Oakland University* (Kanako Taku, Faculty Sponsor)

**12 The associations that general life satisfaction has with work longevity, workplace resilience, and self-control**

**Amani Qaqish**, *Oakland University*; Taylor Elam, *Oakland University*; Kanako Taku, *Oakland University* (Kanako Taku, Faculty Sponsor)

**13 The Impact of Identity and Purchase Urgency on Consumer Decision-Making**

**Kate Hessman**, *Creighton University* (Joshua Fairchild, Faculty Sponsor)

**14 Differentiating between Highly Sociable Introverts and the General Introvert Population**

**Mia Laufer**, *University of Wisconsin - Green Bay*; Brooke Bayerl, *University of Wisconsin Green Bay*; DeNae Bube, *University of Wisconsin Green Bay*; Megan Dobner, *University of Wisconsin Green Bay*; Noah Oltmanns, *University of Wisconsin - Green Bay*; Hannah Baker, *University of Wisconsin - Green Bay* (Allen Huffcutt, Faculty Sponsor)

**15 Team-Based Problem Solving in Virtual Reality**

**Michael Mullins**, *Creighton University*; Kate Hessman, *Creighton University*; Skyler Johnson, *Creighton University*; Ryan Mehio, *Creighton University*; James Brainard, *Creighton University*; Kyla Deluca, *Creighton University*; Addison LeGrand, *Creighton University* (Joshua Fairchild, Faculty Sponsor)

**16 A Qualitative Analysis of the Student Experience in a Psychology Department using the Disney Model of Customer Service.**

**Joshua Dibley**, *Manchester University*; Hannah Thomson, *Manchester University*; Avery Stockwell, *Manchester University* (Russell Coulter-Kern, Faculty Sponsor)

**17 Mastering Emotion Regulation in Smash: Strategies of Top eSports Competitors**

**Aiden Cella**, *Purdue University*; Kyle Nolla, *Northwestern University* (Kyle Nolla, Faculty Sponsor)

**18 Optimism and spirituality on burnout in educators**

**Mackenzie Coats**, *Olivet Nazarene University* (Kristian Veit, Faculty Sponsor)

**19 Interrupting the cycle of error: Training healthcare professionals to manage interruptions**

**Maddox Binder**, *Bradley University*; Demaris Montgomery, *Bradley University* (DeMaris Montgomery, Adrienne Nelson, Amy Grugan, Faculty Sponsor)

**20 Sport Fandom and Work Behaviors**

**Timothy Galyon**, *Murray State University* (Daniel L. Wann, Faculty Sponsor)

**21 Examining the Gender Disparity in College Enrollment: Implications for Female Representation in High-Ranking Managerial Positions**

**Natalia Felicelli**, *University of Akron* (Paul Levy, Faculty Sponsor)

**22 Exploring the impact of artificial intelligence on team creativity**

**James Brainard**, *Creighton University*; Kyla Deluca, *Creighton University*; Kate Hessman, *Creighton University*; Ryan Mehio, *Creighton University*; Addison LeGrand, *Creighton University* (Joshua Fairchild, Faculty Sponsor)

**23 Single parents versus single people: Time off of work**

**Madeline Ticiu**, *University of Wisconsin - River Falls*; Elizabeth Fisher, *University of Wisconsin - River Falls* (Melanie Ayres , Faculty Sponsor)

**24 The relationship of willingness to attend college athletics to belongingness and mental health**

**Quincy Mabin**, *Bemidji State University*; Preston Zempel, *Bemidji State University*; Mckenzy Wegley, *Bemidji state university* (Travis Ricks , Faculty Sponsor)

**25 The relationship between missing classes and undergraduates feelings**

### **of belongingness and mental health**

**Grace Haglin**, *Bemidji State University*; Evelyn Hullopeter, *Bemidji State University*; Grant Gunderson, *Bemidji State University*; Kaitlyn Kaiser, *Bemidji State University*; Michaela Plautz, *Bemidji State University* (Travis Ricks, Faculty Sponsor)

### **26 Differentiating Between Human-Generated and AI-Generated First-Person Narratives**

**Caitlin Masters**, *University of Dayton*; Gideon Bernstein, *Connecticut College* (Dr. Jack Bauer, Dr. Jefferson Singer, Faculty Sponsor)

### **27 False Memories: The Fear Factor**

**Sophia Symalla**, *University of Wisconsin- River Falls* (Abigail Jackson, Faculty Sponsor)

### **28 Enhancing learning through word imagery and text color**

**Emily Carragher**, *Xavier University*; Katherine Cook, *Xavier University*; Andrew Goins, *Xavier University*; Harrison Grisez, *Xavier University*; Ella Denier, *Xavier University* (Tammy Sonnentag, Faculty Sponsor)

### **29 Unraveling Aspartame-Induced Anxiety: Insights from *Drosophila Melanogaster***

**Sudeep Gadde**, *Centre College* (Genevieve Bell, Faculty Sponsor)

### **30 Decreasing sign-tracking behavior in female Japanese quail**

**Samantha Cox**, *Slippery Rock University of Pennsylvania* (Beth Ann Rice , Faculty Sponsor)

### **31 Do individual differences in tolerance of ambiguity and the role of situational ambiguity affect memory accuracy when exposed to misinformation?**

**Elizabeth Meyer**, *University of Wisconsin-La Crosse* (Bianca Basten, Faculty Sponsor)

### **32 Impact of Houseplants in an Environment on Stress**

**Samantha Ankeny**, *University of Wisconsin- La Crosse* (Ryan McKelley, Faculty Sponsor)

### **33 Investigating perception of affordances in images: Perception at second-hand**

**Pierce Butler**, *Butler University*; Braden Weick, *Butler University* (Brian Day, Faculty Sponsor)

**34 Remembering, perceiving, and predicting ecological events through baseball and pinball motions**

**Addison Hensley**, *Butler University* (Brian Day, Faculty Sponsor)

**35 Do college students recall information more in-depth when using multiple-choice or essay formats?**

**Katy Okuma**, *Xavier University*; Allie Brickner, *Xavier University*; Gretchen Lankford, *Xavier University*; Abigail Dirr, *Xavier University* (Dr. Dalia Diab, Faculty Sponsor)

**36 Consequences of Violating Linear Regression Assumptions in Machine Learning Models**

**Melia Brewer**, *Hope College*; Grace Mooney Anderson, *Hope College* (Robert Henry, Alyssa Cheadle, Faculty Sponsor)

**37 Learning and extinction of fear vs reward during conditioning**

**Calista Capaul**, *Marquette University*; Jacklynn Fitzgerald, *Marquette University*; Meghan Bennett, *Marquette University* (Jacklynn Fitzgerald, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**38 An examination of sex-differences in a rodent model of post-traumatic stress disorder**

**Nicole Schwartz**, *Baldwin Wallace University* (Brian Thomas, Faculty Sponsor)

In this study, we utilized the Stress-Enhanced Fear Learning (SEFL) paradigm in a rodent model of Post-Traumatic Stress Disorder (PTSD). In addition to this model, we tested for increased ethanol consumption, as well as levels of generalized anxiety.

**39 In-group vs. Out-group: Appraisal Differences Across Graded Levels of Expressions**

**Joshua Wilder**, *Marquette University*; Kaley Davis, *Marquette University*; Jacklynn Fitzgerald, *Marquette University* (Jacklynn Fitzgerald, Kaley Davis, Faculty Sponsor)

**40 Impact of student disability status & self-esteem on educational accommodation requests**



**Moe Toyoda**, *Southeast Missouri State University* (Shawn Guiling, Emmanuel Thompson, Faculty Sponsor)

**41 Bridging the gap between questionnaires and behavioral tasks: Are neural networks the answer?**

Megan Schermond, *Concordia University Wisconsin*; **Mikayla Dolan**, *Concordia University Wisconsin* (Anton Leontyev, Faculty Sponsor)

**42 Impact of communication features on memory retention in the health profession.**

**Megan Rider**, *Ashland University* (Diane Bonfiglio, Faculty Sponsor)

**43 Differences in Emotion Recognition of Nuanced Emotional Faces Related to Post-Traumatic Growth**

**Emely Zavaleta Varela**, *Marquette University*; Kaley Davis, *Marquette University*; Jacklynn Fitzgerald, *Marquette University* (Kaley Davis, Jacklynn Fitzgerald, Faculty Sponsor)

**44 Exploring Associations Between Free Will, Dualism, and Pseudoscience**

**Samantha Steciak**, *Aurora University*; Elizabeth Munoz, *Aurora University* (David Rudek, Faculty Sponsor)

**45 Impact of attachment style on mood and physiology during tasks**

**Evelyn Tennant**, *Edgewood College Madison WI*; Nick Paige, *Edgewood College Madison WI*; Ashley Holland, *Edgewood College* (Ashley Holland, Faculty Sponsor)

**46 The truth won't set you free: The impact of length of confessions on negative affect**

**Avery Machuk**, *Oakland University*; Jamal Madison, *Oakland University*; Paxton Hicks, *Oakland University*; Kanako Taku, *Oakland University* (Kanako Taku, Faculty Sponsor)

**47 The association between emotion dysregulation and regional gray matter volume in cigarette-dependent adults**

**Katherine Bushnell**, *University of Missouri*; Spencer Upton, *University of Missouri*; Brett Froeliger, *University of Missouri-Columbia* (Brett Froeliger, Faculty Sponsor)

#### **48 The Influence of Self-Esteem on Test Performance**

**Bradley Lamberson**, *Minnesota State University Moorhead* (Jared Ladbury, Faculty Sponsor)

#### **PSI CHI AWARD WINNER**

#### **49 Looking in when you're left out: Emotion regulation following cyber exclusion**

**Mollie Johnson**, *University of Wisconsin-Platteville* (Kameko Halfmann, Faculty Sponsor)

This study considered interoception (the ability to detect small physiological changes) and its influence on negative emotions felt from cyber exclusion (being ostracized online). With the use of Cyberball as an online exclusionary game, this study was able to consider the connection between mental and physical health.

#### **50 Methods for moderating alcohol intoxication**

**Zoey FitzGerald Kidwell**, *Kenyon College*; Paula Millin, *Kenyon College*; Dana Krieg, *Kenyon College* (Paula Millin, Dana Krieg, Faculty Sponsor)

#### **51 Examining receptive and productive spatial skills in first-year engineering students**

**Kyla Richardson**, *Michigan Technological University*; Katrina Carlson, *Michigan Technological University* (Shane Mueller, Faculty Sponsor)

#### **52 The Effects of Competition and Stakes on Performance**

**Ashlynn Ellenbecker**, *Central College*; Brayden Harris, *Central College*; Isabella Nath, *Central college*; Kole Pedersen, *central college* (Keith Jones, Faculty Sponsor)

#### **53 Job Boredom and Turnover Among Full-Time and Part-Time Laborers**

**Greta Wostoupal**, *University of Nebraska Wesleyan* (Rachel Hayes, Faculty Sponsor)

#### **54 Putting the "we" in awe: A replication and extension of Stellar et al. (2018) as part of the Collaborative Replication and Education Project**

**Anna Isaacs**, *Avila University*; Maritza Cerda, *Avila University*; Taylor

Staves, *Avila University*; Jasmine Beltran, *Avila University*; Jordan R. Wagge (She/Her/Hers), *Avila University* (Jordan Wagge, Faculty Sponsor)

**55 Using Off-the-Shelf Educational EEGs to Detect Hidden Information**

**Harley Vannurden**, *Minnesota State University, Mankato*; Abbey Pilger, *Minnesota State University, Mankato*; Ayleah Beehler, *Minnesota State University, Mankato*; Mekdelawit Zergaw, *Minnesota State University, Mankato*; Haley Zinnel, *Minnesota State University, Mankato* (Dr. Adam Steiner, Faculty Sponsor)

**56 Threat Environment and Virtual Reality**

**Benjamin Wells**, *Edgewood College* (Dr. Ferrinne Spector , Faculty Sponsor)

**57 Spatial Thinking and STEM Identity**

**Haylee Majewski**, *Oakland University*; Martha Escobar, *Oakland University*; Mark Manning, *Oakland University*; Melissa McDonald, *Oakland University* (Martha Escobar, Faculty Sponsor)

**58 Circadian Rhythms, Light Responsiveness, and Behavioral Impacts in a Rotenone-Induced Parkinsonian Rodent Model**

**Cameron Houck**, *Hope College*; Riley Checkley, *Hope College*; Sydney Ritsema, *Hope College*; Juan O'Hara, *Hope College*; Olivia Andry, *Hope College*; Ethan De Koker, *Hope College*; Megan Hugunin, *Hope College* (Andrew Gall, Faculty Sponsor)

**59 TMR you ready for it? The effects of meditative targeted memory reactivation on sleep quality**

**Clare Pryor**, *University of Notre Dame*; Kristin Sanders, *University of Notre Dame*; Xinran Niu, *University of Notre Dame*; Remington Mallet, *Northwestern University*; Ken Paller, *Northwestern University*; Jessica Payne, *University of Notre Dame* (Kristin E. G. Sanders, Jessica D. Payne, Faculty Sponsor)

**60 The Influences of Task Difficulty and Engagement Level on Individuals' perception of Time**

**Kelsey Reilly**, *Cedarville University*; Viola Byler, *Cedarville University*; Brynn Hannon, *Cedarville University*; Chloe Beidelschies, *Cedarville University*; Chao Liu, *Cedarville.edu* (Chao Liu, Faculty Sponsor)

**61 A between-groups experiment of the halo effect and its impact on the correlation between appearance and perceived intelligence**

**Rebecca Riley**, *Cedarville University*; Ethan Tate, *Cedarville University*; Gaelyn Curran, *Cedarville University*; Marshall Burger, *Cedarville University*; Hannah Kinion, *Cedarville University*; Chao Liu, *Cedarville.edu* (Chao Liu, Faculty Sponsor)

**62 Genres of Instrumental Background Music and Their Influence Upon Task Concentration**

**Marcus Hernandez**, *Cedarville University*; Katelyn Case, *Cedarville University*; Ashley Kee, *Cedarville University*; Emily Zuver, *Cedarville University*; Dylan Hancock, *Cedarville University*; Chao Liu, *Cedarville.edu* (Chao Liu, Faculty Sponsor)

**63 Seeking Meaning and Growth: How Spiritual Practices Help Overcome Regret.**

Alex Cruz, *Governors State University*; **Omar Macias**, *Governors State University*; Albert Tuskenis, *Governors State University*; Figen Karadogan, *Governors State University* (Figen Karadogan, Albert Tuskenis, Faculty Sponsor)

**64 Alexithymia and detection of emotional expressions across fear and happiness**

**Sadaf Nasir**, *Marquette University* (Jacklynn Fitzgerald, Faculty Sponsor)

**65 Mindfulness: A Regret Resolution**

Omar Macias, *Governors State University*; **Alex Cruz**, *Governors State University*; Timothy Pedigo, *Governors State University* ; Figen Karadogan, *Governors State University* (Figen Karadogan, Timothy Pedigo, Faculty Sponsor)

**66 Cartoon Viewing & Coping**

**Viviana Cheng**, *University of Wisconsin- La Crosse* (Dr. Ryan McKelley, Faculty Sponsor)

**67 The influence of perceived stress, allostatic load, and APOE on cortical thinning in older adults**

**Brooke Friedman**, *University of Notre Dame*; Rachelle Pichot, *University of*

*Notre Dame*; Seham Kafafi, *University of Notre Dame* (Cindy Bergeman, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**68 EEG synchrony across different social interaction modalities**

**Megan Markiewicz**, *Augustana College*; Manuela Chavez, *Augustana College*; Josie Hathaway, *Augustana College*; Anna Killilea, *Augustana College*; Mariola Tesoro Ricote, *Augustana College* (Rupa Gupta Gordon, Faculty Sponsor)

The neural activity of communication partners tends to synchronize, enhancing social connection and comprehension. There is limited research comparing synchrony levels across different types of interactions (face-to-face, video, audio). We hypothesize that there will be a linear relationship between richness of interaction modality, EEG synchrony, and social connection.

**69 Exploring the Effect of Contact Location on FSR and Piezoelectric Sensor Outputs to Transduce Rapidly- and Slowly-Adapting Tactile Feedback for Sensory Prostheses**

**JuiHsuan Wong**, *Earlham College*; Laura McGann, *Case Western Reserve University*; Rachel Jakes, *Case Western Reserve University* (Dustin Tyler, PhD, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**70 Physiological implications of exclusion in individuals with ADHD symptomatology**

**Jaz Finlo**, *University of Minnesota Duluth* (Rebecca Gilbertson, Faculty Sponsor)

This study assessed the relationship between exclusion, physiological responses, and ADHD symptomatology. Participants completed an exclusion task, self-report measures, and continuous ECG recording. Findings support an association of ADHD symptomatology and negative emotional responses after exclusion. A significant decrease and increase time effect across task for ECG is also reported.

**71 Identification of Ambiguous Emotional Faces and the Association with Post-Traumatic Stress Disorder Symptom Severity**

**Mary Brown**, *Marquette University* (Kaley Davis, Jacklynn Fitzgerald, Faculty Sponsor)

**72 Withdrawal effects of chronic kratom use in male and female rats**  
**Isabelle Bong**, *University of St Thomas*; Samantha Lang, *University of St Thomas*; Mari Gades, *University of Saint Thomas* (Mari Gades, Faculty Sponsor)

**73 The Neural Activity of Schadenfreude**  
**Alexander Cram**, *Shawnee State University*; Kyle Vick, *Shawnee State University* (Kyle Vick , Faculty Sponsor)

**74 Analysis of baseline oxytocin levels within and between foster and biological Sumatran orangutan family units**  
**Gracie Williams**, *Georgia Institute of Technology*; Rachel Bond, *Georgia Institute of Technology*; Mia Bechara, *Georgia Institute of Technology*; Christina Ragan, *Georgia Institute of Technology*; Vanessa Quinn, *Purdue Northwest*; Hannah Maurello, *Purdue University Northwest*; Antonio Kocoski, *Purdue University Northwest* (Christina Ragan , Faculty Sponsor)

**75 Long-term biobehavioral effects of postnatal clomipramine exposure in Sprague-Dawley rats**  
**Harika Kosaraju**, *Georgia Institute of Technology*; Mia Bechara, *Georgia Institute of Technology*; Christina Ragan, *Georgia Institute of Technology* (Christina M. Ragan, Faculty Sponsor)

**76 Fear memory engrams in the dorsal hippocampus during fear learning and fear generalization: Implications for post-traumatic stress disorder**  
**Lola Fay Papanikolaou**, *Loyola University Chicago*; Hussain Asgarali, *Loyola University Chicago*; Molly McAnespie, *Loyola University Chicago*; Sofia Cañuelas del Valle, *Loyola University Chicago*; Sonia Arora, *Loyola University Chicago*; L. Hazel Edwards, *Loyola University Chicago*; Prajit Chatterjee, *Loyola University Chicago*; Ricky Rivera, *Loyola University Chicago*; Alex Stratmann, *Loyola University Chicago*; Grina Patel, *Loyola University Chicago* (Stephanie Grella, Faculty Sponsor)

**77 The resting brain: early life stress modulates resting state asymmetry**  
**Karsten Cowan**, *University of Wisconsin-Green Bay*; Camden Caswell, *University of Wisconsin - Green Bay*; Maddie Erdman, *University of Wisconsin-Green Bay*; Natalie Grenz, *University of Wisconsin - Green Bay*; Laura Gundry, *University of Wisconsin-Green Bay*; Sam Loomis, *University*

*of Wisconsin-Green Bay; Liz Williams, University of Wisconsin-Green Bay (Jason Cowell, Faculty Sponsor)*

**78 The association between reward processing and e-cigarette initiation in youth**

**Abigail Wampfler**, *University of Wisconsin Milwaukee*; Gabriella Navarro, *University of Wisconsin-Milwaukee*; Ryan Sullivan, *University of Wisconsin-Milwaukee* (Krista Lisdahl, Faculty Sponsor)

**79 Effects of Environmental Enrichment on Enhanced Nicotine-Seeking Behavior Following Exposure to Chronic Variable Stress**

**Katrina Steele**, *University of Wisconsin - River Falls*; Sarah Steele, *University of Wisconsin River Falls*; Nathan Gordon, *University of Wisconsin River Falls* (James Cortright, Faculty Sponsor)

**80 What's that smell? Investigating How Aromatherapy Practices Effect Individuals' Mental Health**

**James Rozhon**, *Lewis University*; Philip Blankenship, *Lewis University* (Philip Blankenship , Faculty Sponsor)

**81 Effects of caffeine and predator exposure on anxiety indicating behaviors in Zebra danios**

**Kaleb Darnell**, *Thomas More University*; Miranda Stouffer, *Thomas More University*; Whitney Pugh, *Thomas More University* (Whitney Pugh, Faculty Sponsor)

**82 Effects of acute stress in female adolescent rats on anxiety, depression, and neuronal morphology in orbitofrontal cortex and basolateral amygdala**

**Maddy O'Bryan**, *Grinnell College*; Christin Hartman, *Grinnell College*; Ioanna Giannakou, *Grinnell College*; Jinglin Xiong, *Grinnell College* (Nancy Rempel-Clower, Faculty Sponsor)

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**Psi Chi Posters II - Cognitive Psychology**

Thursday, April 18 | 9:30 AM-10:20 AM

Upper Exhibit Hall

**1 The influence of sensory modality on aesthetic judgements of poetry**

**Jessica Frame**, *Missouri University of Science and Technology*; Kendra

Mehl, *Missouri University of Science & Technology*; Karen Head, *Augusta University*; Amy Belfi, *Missouri University of Science and Technology* (Amy Belfi, Karen Head, Faculty Sponsor)

## **2 The Impact of Early Abacus Training on Later Math Performance**

**Pragati Maheshwary**, *University of Wisconsin - Madison*; Lauren Anthony, *University of Wisconsin - Madison* (Martha Alibali, Faculty Sponsor)

## **3 Perceptions of health risks of nicotine usage in adolescents**

**Bhavya Vyas**, *University of Kentucky*; Hollie Clifton, *University of Kentucky*; Pooja Sidney, *University of Kentucky* (Pooja Sidney, Faculty Sponsor)

## **4 Maternal role in explaining the variance in daughter's body dissatisfaction**

**Madison Thie**, *University of St. Thomas* (John Buri, Faculty Sponsor)

## **5 Effect of optimism on visual attention and memory for negative and neutral scenes**

**Nadia Nosek**, *University of Notre Dame*; Kristin Sanders, *University of Notre Dame*; Mia Utayde, *University of Notre Dame*; Elizabeth Kensinger, *Boston College*; Jessica Payne, *University of Notre Dame* (Kristin Sanders, Jessica Payne, Faculty Sponsor)

## **6 The Polygraph's Impact on False Memories**

**Alexander Hernandez Olivera**, *Augsburg University*; Ben Denking, *Augsburg University*; Henry Yoon, *Augsburg University* (Ben Denking, Faculty Sponsor)

## **7 Affective science: Impact of emotion on cognitive processing**

**Mary Taylor Wagner**, *Lewis University*; Spencer Campbell, *Lewis University* (Spencer Campbell, Faculty Sponsor)

## **8 Athlete Motivation**

**Emely Oviedo**, *Governors State University* (Alli Cipra, Faculty Sponsor)

## **9 Memory for Multi-Sensory Experiences is Stimulated by Wearable Camera Footage**

**Justin Pfister**, *Southern Illinois University Edwardsville*; Anna Hendricks, *Southern Illinois University Edwardsville*; Adrien



Vozenilek, *Southern Illinois University Edwardsville*; Liezel Lindo, *Southern Illinois University at Edwardsville*; Joseph Chirillo, *Southern Illinois University of Edwardsville*; Kylie Stevenon, *Southern Illinois University of Edwardsville*; Jason Finley, *Southern Illinois University Edwardsville*; Syann Oats, *Southern Illinois University of Edwardsville* (Dr. Jason R. Finley , Faculty Sponsor)

**10 Mental imagery, mental imagerie: Methods for acquiring second language vocabulary**

**Ella Yost**, *University of Wisconsin-La Crosse* (Melanie Cary, Faculty Sponsor)

**11 Emotional salience of negative experiences and its effects on quality of emotion regulation: A thematic analysis**

**Maha Rizvi**, *Marquette University*; Joia Wesley, *Marquette University*; Isabelle Monroe, *Marquette University* (Nakia Gordon, Faculty Sponsor)

**12 Measuring Cognitive and Emotional Responses to Autonomous Sensory Meridian Response Triggers**

**Bryce Marsaglia**, *University of Illinois Springfield*; Sheryl Reminger, *University of Illinois Springfield*; Dylan Blaum, *University of Illinois Springfield* (Dylan Blaum, Sheryl Reminger , Faculty Sponsor)

**13 Music to Reels: Investigating the Effects of Distractions on Information Retention**

**Mackenzie Frankland**, *University of Wisconsin-La Crosse* (Bianca Basten, Faculty Sponsor)

**14 Investigating external distractibility in adults with ADHD using standard conflict tasks and the forced response paradigm**

**Bailey Redler**, *University of Michigan*; Jahla Osborne, *University of Michigan* (John Jonides, Faculty Sponsor)

**15 Does Music Impact Error Detection?**

**Mikehlah Carr**, *Ashland University* (Chris Chartier, Faculty Sponsor)

**16 Does Exposure to Art Impact Visual Search?**

**Mikehlah Carr**, *Ashland University* (Mitchell Metzger, Faculty Sponsor)

**17 A novel neurobehavioral measure of attentional biases to alcohol-**

## **related cues**

**Seth Metcalfe**, *Bradley University*; Amy Bacon, *Bradley University*; Joseph Harris, *Bradley University* (Joseph A. Harris, Faculty Sponsor)

## **18 Does self quizzing make bigger brain waves?**

**Sarah Kirtland**, *Centre College*; Anika Rana, *Centre College*; Grace Dutcher, *Centre College*; Simon Forsting, *Centre College*; Anna Shupert, *Centre College*; KatieAnn R Skogsberg, *Centre College* (KatieAnn Skogsberg, Faculty Sponsor)

## **19 Hemispheric processing of anagrams: the influence of inferential priming**

**Serena Schalk**, *DePaul University*; Gwyneth Dahlke, *DePaul University*; Ethan Jones, *DePaul University*; Niki Alyari, *DePaul University*; Sandra Virtue, *DePaul University*; Abigail Van Nuland, *DePaul University*; Gabrielle Toups, *DePaul University*; Leah O'Neill, *DePaul University* (Sandra Virtue, Faculty Sponsor)

## **20 The association between presence of disability and depression in college students**

**Samantha Cox**, *Slippery Rock University of Pennsylvania* (Jennifer Willford, Faculty Sponsor)

## **21 Impact of distractors on verbal working memory during reading comprehension**

**Savannah Martin**, *Saint Xavier University*; Gregory DeGirolamo, *St. Xavier University* (Gregory J. DeGirolamo, Faculty Sponsor)

## **22 Predictors for Perceptions and Misconceptions about Dreams**

**Nicholas Wood**, *University of Indianapolis*; Candice Burkett, *University of Indianapolis* (Candice Burkett, Faculty Sponsor)

## **23 Sex Differences in Language Lateralization**

**Genevieve Berryman**, *Augustana College* (Rupa Gordon, Daniel Corts, Faculty Sponsor)

## **24 The role of the inner monologue in attention**

**Brennan Haake**, *Augustana College* (Daniel Corts, Faculty Sponsor)

**25 Are you game? Examining the effects of video games on cognition**  
**Audrey Propp**, *Ohio Wesleyan University* (Kira Bailey, Faculty Sponsor)

**26 Cortical processing of curiosity**  
**Kaitlin Smith**, *Shawnee State University*; Kyle Vick, *Shawnee State University* (Dr. Kyle Vick , Faculty Sponsor)

**27 Exploring Rhythm and Melody as Modalities for Acquisition of Novel Words**  
**Cecilia Carlisle**, *The Ohio State University at Newark* (Melissa Jungers, Faculty Sponsor)

**28 Blue, left, ampersand, diamond: the development of memory for mixed and homogenous object series**  
**Reese Lavers**, *University of Missouri-Columbia*; Luísa Superbia Guimarães, *University of Missouri-Columbia*; Nelson Cowan, *University of Missouri* (Nelson Cowan, Faculty Sponsor)

**29 Individual Differences Between Face Processing and the N170 Brain Response**  
**Logan Bradley**, *Augsburg University*; Henry Yoon, *Augsburg University*; Ben Denkinger, *Augsburg University*; Hafsa Hassan, *Augsburg University* (Henry Yoon, Ben Denkinger, Faculty Sponsor)

**30 The Impact of Syllabus Reconnaissance and Directed Syllabus Reconnaissance Tasks on Short and Long-Term Memory of a Course Syllabus**  
**Abigail Moss**, *Indiana University Northwest*; Summer Vanaman, *Indiana University Northwest*; Janica Van Ghunt, *Indiana University Northwest*; Emma Roberts, *Indiana University Northwest* (Dr. Frances Daniel, Faculty Sponsor)

**31 Subjective cognitive concerns and mental health in LGBTQ college students**  
**Hannah Hardendorf**, *University of Kentucky* (Justin Karr, Faculty Sponsor)

**32 Multilingualism and Working Memory Capacity: The Impact of Language Diversity on Cognitive Function**

**Annaka Scherf**, *University of Minnesota Duluth* (Ryan Hjelle, Dana Lindaman , Faculty Sponsor)

**33 Influence of font size on metacognitive illusions**

**Riley Foster**, *Northwest Missouri State University*; Alexis Buesing, *Northwest Missouri State University*; Mackenzie Wilcoxson, *Northwest Missouri State University* (Jason McCain, Faculty Sponsor)

**34 How does repeated information on social media affect people's beliefs?**

**Xingzhu "Claire" Chen**, *Vanderbilt University*; Jae Woo Kwon, *Vanderbilt University*; Lisa Fazio, *Vanderbilt University* (Lisa K. Fazio, Faculty Sponsor)

**35 Investigating phonetic symbolism and its role in development of implicit bias**

**Franklin Bray**, *Denison University* (Seth Chin-Parker, Faculty Sponsor)

**36 Social media addiction in college: Motivation impact and sleep quality**

**Kyle Palmberg**, *Saint Mary's University of Minnesota* (Dr. Molly O'Connor, Faculty Sponsor)

**37 Harmonic Empathy: Cognitive Influence of Auditory Stimuli on Personal Emotional Insight Through Limbic Visualization**

**Cristian Davila**, *Lewis University*; Spencer Campbell, *Lewis University* (Spencer Campbell, Faculty Sponsor)

**38 The Effect of Mindset on Aha! Experiences**

**Amtul Najiya**, *University of Illinois at Chicago*; Taylor Strickland Miller, *University of Illinois at Chicago*; Jennifer Wiley, *University of Illinois at Chicago* (Jennifer Wiley, Faculty Sponsor)

**39 Are stress and loneliness making your memory worse? Ask me!**

**Sarah Roberts**, *Simpson College*; Taylor Vargo-Simonson, *Simpson College* (Taylor L. Simonson, Faculty Sponsor)

**40 The association between working memory and psychopathy among young adults**

**Cecelia Sanborn**, *University of Minnesota Duluth*; Ryan Hjelle, *University of*

*Minnesota Duluth*; Lorelei Larson, *University of Minnesota Duluth* (Ryan Hjelle, Faculty Sponsor)

#### **41 The Effects of Distractions on Writing**

**Emma Urbaniak**, *Saginaw Valley State University*; Karasyn Kraska, *Saginaw Valley State University*; Madison Auito, *Saginaw Valley State University*; Julianna Wright, *Saginaw Valley State University* (Julie Lynch, Faculty Sponsor)

#### **42 Relationships Among Academic Self-Efficacy, Cognitive Flexibility, and Undergraduates' Well-Being**

**Zoey M. Ruotsalainen**, *Nebraska Wesleyan University*; Hannah E. Lytle, *Nebraska Wesleyan University*; Kwonzi Woodley, *Nebraska Wesleyan University*; Jonah D. Isakson, *Nebraska Wesleyan University*; Maria P. Rodriguez, *Nebraska Wesleyan University*; Jae Freeman, *Nebraska Wesleyan University*; Elayna R. Boose, *Nebraska Wesleyan University* (Rachel Hayes, Chelsea Klinklebiel, Faculty Sponsor)

#### **43 Testing the Effect of Physical and Attribute Distance on Preference**

**Emma Rhodes**, *Southern Illinois University Edwardsville*; Maximilian Lenhart, *Southern Illinois University Edwardsville*; Jonathan Pettibone, *Southern Illinois University Edwardsville* (Jonathan Pettibone, Faculty Sponsor)

#### **44 Investigating Individual Differences in Block Assembly Strategies**

**Nalin Pounpeth**, *Northwestern University*; Daniela Barajas-Lee, *Northwestern University*; Kiley McKee, *Northwestern University*; Danielle Rothschild, *Northwestern University*; David Uttal, *Northwestern University* (David Uttal, Faculty Sponsor)

#### **45 Benefits of providing psychological and academic support to gifted students.**

**Carl Felton**, *Manchester University* (Mark McCoy, Michael Rivera, and Scott Humphries, Faculty Sponsor)

#### **46 Using Eyewitness Descriptions of Perpetrators to Forecast Lineup Identification Accuracy**

**Natalie Sommervold**, *Iowa State University*; Zhi Shuen Ng, *Iowa State University*; Rebecca Ying, *Iowa State University*; Nydia Ayala, *Iowa State*

*University; Andrew Smith, Iowa State University; Gary Wells, Iowa State University (Andrew Smith, Faculty Sponsor)*

**47 The impact of mnemonic statements in learning American Sign Language signs**

**Isabella Strickland**, *Kenyon College*; Tabitha Payne, *Kenyon College* (Tabitha Payne, Faculty Sponsor)

**48 The effect of unconscious stimuli on consciously perceived memory items.**

**Taylor Stein**, *Northwest Missouri State University*; Sierra Merritt, *Northwest Missouri State University*; Stephanie Akindele, *Northwest Missouri State University*; Alyssa Grout, *Northwest Missouri State University*; Peyton Carder, *Northwest Missouri State University*; Fernando Valle-Inclán, *University of La Coruña-Spain*; Amy Barton, *Northwest Missouri State* (Dr. Amy Underwood Barton, Faculty Sponsor)

**49 Color vs. Black-and-White Causing Differences in Learning and Opinion**

**Chloe Foust**, *St Norbert College*; Alicia Rosenow, *Saint Norbert College* (Paul Ngo, Faculty Sponsor)

**51 Animay effect on memory in children and adults**

**Madelyn McVey**, *Anderson*; Joshua VanArsdall, *Elmhurst University* (Janell R. Blunt, Faculty Sponsor)

**52 An automated approach to analyzing explanations for news belief**

**Ziqi Wang**, *Vanderbilt University*; Raunak Pillai, *Vanderbilt University*; Lisa Fazio, *Vanderbilt University* (Lisa Fazio, Faculty Sponsor)

**53 Real, Digital? Product Type on Joy, Psychological Ownership, and Worth.**

**Rachael Brainerd**, *Valparaiso University*; Cristian Pagan, *Valparaiso University*; Ethan Wlodarczyk, *Valparaiso University*; Abbie Thompson, *Valparaiso University* (Abbie Thompson, Faculty Sponsor)

**54 The relationship between working memory capacity and attribute amnesia**

**William Fisher**, *The College of Saint Scholastica*; Chong Zhao, *University of*

*Chicago*; Hsin-Mei Sun, *The College of St. Scholastica* (Hsin-Mei Sun, Faculty Sponsor)

**55 Human Retrograde Amnesia and Memory Consolidation**

**Thomas McClelland**, *University of Notre Dame*; Panos Ketonis, *University of Notre Dame*; Daniela Parra, *University of Notre Dame* (Dr. Gabriel Radvansky, Faculty Sponsor)

**56 Memorability of Familiar and Unfamiliar Scenes**

**Nora Will**, *Drake University*; Kylee Njoku, *Drake University* (Deb Cronin, Faculty Sponsor)

**57 Do eye movements disrupt visual memory?**

**Erin Carlson**, *Drake University*; Odessa White, *Drake University* (Deborah Cronin, Faculty Sponsor)

**58 Does working memory span predict performance on an odor discrimination task?**

**Maya Belmas**, *Carthage College* (Leslie Cameron, Faculty Sponsor)

**59 Smell ya later: The impact of working memory capacity on odor based context-dependent learning**

**Alexis Arvanitis**, *Adrian College* (Janet Pietrowski, Stacey Todaro, Faculty Sponsor)

**60 Assessing the relationship between two early dementia screeners**

**Olivia Edwards**, *Kansas State University*; Heather Bailey, *Kansas State University* (Heather Bailey, Faculty Sponsor)

**61 The effects of levels of processing on recall and recognition**

**Charles Whelan**, *St. Norbert College*; Mason Haessly, *St. Norbert College* (Paul Ngo, Faculty Sponsor)

**62 Functional Connectivity of the Amygdala and Repetitive Behavior in Autism Spectrum Disorders**

**Sianna Madsen**, *University of Missouri - Columbia*; Nanan Nuraini, *University of Missouri - Columbia*; Carrina Appling, *University of Missouri-Columbia*; Brad Ferguson, *University of Missouri, School of Medicine, Department of Neurology*; David Beversdorf, *University of Missouri - Columbia* (David Beversdorf, Faculty Sponsor)

**63 Investigating depression's impact on skin conductance response and emotional memory**

**Cecilia O'Brien**, *University of Notre Dame*; Kristin Sanders, *University of Notre Dame*; Mia Utayde, *University of Notre Dame*; Elizabeth Kensinger, *Boston College*; Jessica Payne, *University of Notre Dame* (Jessica Payne, Kristin Sanders, Faculty Sponsor)

**64 How stress impacts areas of our life.**

**Lilyanna Grossinger**, *Metropolitan State University*; Jessica Blaxton, *Metropolitan State University* (Dr. Blaxton, Faculty Sponsor)

**65 Examining Bias Effects on Decision-making in Deception Detection**

**Anna Grace Schwarz**, *Iowa State University*; Sky Toyne, *Iowa State University* (Elizabeth Elliott, Christian Meissner, Faculty Sponsor)

**66 Daily Task Load impacts on Affect and Overwhelm in ADHD**

**Jezalyn Hyzer**, *University of Indianapolis*; Candice Burkett, *University of Indianapolis* (Candice Burkett, Faculty Sponsor)

**67 The role of personality in attention and workload**

**Maya Steiger**, *Otterbein University*; Cynthia Laurie-Rose, *Otterbein University* (Cynthia Laurie-Rose, Faculty Sponsor)

**68 Does Fear Aid Change Detection?**

**Camilla Dziadosz**, *Northern Illinois University*; Tiffany Yoo, *Northern Illinois University*; Rebecca Defamio, *Northern Illinois University*; Katja Wiemer, *Northern Illinois University* (Dr. Katja Wiemer, Faculty Sponsor)

**69 Grit-Consistency Associated with Reduced Cognitive Flexibility in College Students**

**Gabriel Powell**, *Miami University*; Vrinda Kalia, *Miami University* (Vrinda Kalia, Faculty Sponsor)

**70 Effects of Source and Information Order on Illusory Truth Effect**

Tonushree Chowdhury, *Carleton College*; Thea Comas, *Carleton College*; Linzhu Cui, *Carleton College*; Samira Gado, *Carleton College*; **Kaori Hirano**, *Carleton College*; Ori Kim, *Carleton College*; Sophie Rast, *Carleton College*; Sonia Shah, *Carleton College*; Camilla Smith-Donald, *Carleton College*; Maya Wolff, *Carleton College*; Mija Van Der Wege, *Carleton College* (Mija Van Der Wege, Faculty Sponsor)



**71 Investigating How Mindful Attention and Self-Management Predict Problematic Social Media Use**

**Onefuwa Akande**, *University of Toledo*; Jacob Avendano, *University of Toledo*; Peter Mezo, *University of Toledo* (Peter Mezo, Faculty Sponsor)

**72 RS-fMRI correlates of emotional facial expression recognition in psychotic individuals**

**Leona Kondic**, *University of Chicago*; Shashwath A. Meda, *Yale University*; Leah Rubin, *Johns Hopkins University*; Carol Tamminga, *UT Southwestern*; Elena Ivleva, *UT Southwestern*; Brett A. Clementz, *University of Georgia*; Jennifer McDowell, *University of Georgia*; Godfrey Pearlson, *Hartford HealthCare*; Matcheri Keshavan, *Harvard*; Elliot S. Gershon, *University of Chicago*; Sarah Keedy, *University of Chicago* (Sarah Keedy, Faculty Sponsor)

**73 Testing the Tests: A Meta-Analytic Analysis of Children's Mental Rotation Tests**

**Molly Langer**, *Northwestern University*; Danielle Rothschild, *Northwestern University*; Kiley McKee, *Northwestern University*; Grace Xie, *Northwestern University*; David Uttal, *Northwestern University* (David Uttal, Faculty Sponsor)

**74 Effects of Metacognition and Warning on a DRM Task**

**Autumn Pickens**, *Indiana University Northwest*; Richard Hwang, *Indiana University Northwest*; Ahmed Safadi, *Indiana University Northwest*; Marisa Romo, *Indiana University Northwest* (Frances Daniel, Faculty Sponsor)

**75 How Facial Expressions Impact Warning Usage in the DRM Task**

**Isabel Andrade**, *Indiana University Northwest*; Maya Ducker, *Indiana University Northwest*; Cecilia Garcia, *Indiana University Northwest*; Angelina Griffin, *Indiana University Northwest* (Frances Daniel, Faculty Sponsor)

**76 The Effect of Mindfulness on the P3 Event-Related Potential**

**Joshua Bauer**, *Minnesota State University Moorhead*; Bradley Lamberson, *Minnesota State University Moorhead*; Ali Pexsa, *Minnesota State University Moorhead*; Caitlin Reiten, *Minnesota State University of Moorhead*; Madi Just, *Minnesota State University Moorhead* (Chad Duncan, Faculty Sponsor)

**77 Perspective Matters: The Role of Context in Assessing Argument Structure**

**Lucas Fahnoe**, *Augustana College*; **Joey Ruffatto**, *Augustana College*; **Ryan Kopatich**, *Northern Illinois University* (Ryan Kopatich, Faculty Sponsor)

**78 LOL as a discourse marker**

**Aidan Marcikic**, *Illinois State University*; **Allison Nguyen**, *Illinois State University* (Allison Nguyen, Faculty Sponsor)

**79 The effects of targeted memory reactivation on sleep quality, stress, and memory recall**

**Caroline Bender**, *University of Notre Dame*; **Kristin Sanders**, *University of Notre Dame*; **Xinran Niu**, *University of Notre Dame*; **Remington Mallet**, *Northwestern University*; **Ken Paller**, *Northwestern University*; **Jessica Payne**, *University of Notre Dame* (Kristin E. G. Sanders, Jessica Payne, Faculty Sponsor)

**80 Intrusive thoughts may lead to more memory errors**

**Ashlynn Smith**, *Kansas State University*; **Heather Bailey**, *Kansas State University*; **Barbara Pitts**, *Kansas State University* (Heather Bailey, Faculty Sponsor)

**81 "Comparison of Psychosis Biotype Groups on Childhood Bullying Experiences"**

**Ivvy Hicks**, *University of Chicago*; **Sanjana Venkat**, *University of Chicago*; **Barrett Kern**, *University of Chicago*; **Carol Tamminga**, *UT Southwestern*; **Brett A. Clementz**, *University of Georgia*; **Godfrey Pearlson**, *Hartford HealthCare*; **Matcheri Keshavan**, *Harvard*; **Elliot S. Gershon**, *University of Chicago*; **Sarah Keedy**, *University of Chicago* (Sarah K Keedy, Faculty Sponsor)

**82 Is your sleep schedule affecting the accuracy of your memory?**

**Teagan Townsend**, *Simpson College*; **Taylor Vargo-Simonson**, *Simpson College* (Taylor L. Simonson, Faculty Sponsor)

**83 Mindful Memories: Relating Facets of Mindfulness to Characteristics of Autobiographical Memory**

**Ali Schroeder**, *University of St. Thomas*; **Rome Zupke**, *University of St. Thomas*; **Madison Heid**, *University of St. Thomas*; **Tyler**

Revolinski, *University of St. Thomas* (Greg Robinson-Riegler, Faculty Sponsor)

**84 Comparisons of Crime-Based Memory: The Role of True Crime Media Consumption**

**Sydnee Widmann**, *University of Indianapolis*; Candice Burkett, *University of Indianapolis* (Candice Burkett, Faculty Sponsor)

**85 Effect of language fluency and perceived sources on detection correct information in text**

**Robert Zhang**, *Andrews University* (Karl Bailey , Faculty Sponsor)

**86 A new technique for measuring the speech-to-song illusion: Timbre priming**

**Luke Ehlert**, *Carthage College*; Anthony Barnhart, *Carthage College* (Dr. Anthony S. Barnhart, Faculty Sponsor)

**87 Consideration Set Formation of Generically Branded Products**

**Aurea Alconera**, *Purdue University Fort Wayne*; Monica Cervantez, *Purdue University - Fort Wayne*; Honey Fender, *Purdue University Fort Wayne*; Stone Kable, *Purdue Fort Wayne*; Destinee Marshall, *Purdue University - Fort Way*; Madeline McLaughlin, *Purdue University - Fort Wayne*; Raymond Voss, *Purdue University - Fort Wayne* (Raymond Voss, Faculty Sponsor)



**Psi Chi Posters III - Cognitive and Developmental**

Thursday, April 18 | 10:30 AM-11:20 AM

Upper Exhibit Hall

**1 Effect of varying types of background music on memory recall**

**Kennedy Hill**, *University of Minnesota Morris*; Raven Sevilleja, *University of Minnesota Morris* (Dr. Kerry Michael, Faculty Sponsor)

**2 Assessing the relationship between autistic-like traits in adults and their descriptions of concrete and abstract concepts**

**Henry Tomiser**, *Northern Illinois University*; Katja Wiemer, *Northern Illinois University* (Katja Wiemer, Faculty Sponsor)

**3 The relationship between social media and COVID-19 knowledge**

**Chaitrali Reddy**, *Wartburg College* (Cynthia Bane, Faculty Sponsor)

#### **4 It's a Mystery: Does True Crime Influence Decision-Making?**

**Alyssa Beckwith**, *Simpson College*; Taylor Vargo-Simonson, *Simpson College* (Taylor L. Simonson, Faculty Sponsor)

#### **5 Impact of interpretation bias modification on academic comprehension**

**Sarah Sanders**, *Kansas State University*; Heather Bailey, *Kansas State University*; Taylor Vargo-Simonson, *Simpson College* (Heather Bailey, Faculty Sponsor)

#### **6 Behaviors and Memory Strategies Through the Life Phases**

**Trase McQueen**, *Kansas State University*; Taylor Vargo-Simonson, *Simpson College* (Heather Bailey, Faculty Sponsor)

#### **7 Introversiion-Extraversion and its Effects on Proactive Interference and Release from PI**

**Evan Gray**, *North Central College*; Claire Eaton, *North Central College*; Madeline McGann, *North Central College* (Mary Jean Lynch, Faculty Sponsor)

#### **9 Considering Culture in Autobiographical Memories for College**

**Dikshya Adhikari**, *University of St Thomas*; Aika Ngachu, *University of St Thomas*; Lia Alvarez, *University of St. Thomas* (Greg Robinson-Riegler, Faculty Sponsor)

#### **10 Effects of Art Activities on Attention Span and Information Retention**

**Jae Freeman**, *Nebraska Wesleyan University* (Dr. Rachel Hayes, Faculty Sponsor)

#### **11 The Impact of Reverberation on Sound Localization: Implications for Cochlear Implant Users**

**Brianna Poller**, *University of Wisconsin La Crosse*; Alyssa Nesseim, *University of Wisconsin-La Crosse*; Tanvi Thakkar, *University Wisconsin-LaCrosse* (Dr. Tanvi Thakkar, Faculty Sponsor)

#### **PSI CHI AWARD WINNER**

#### **12 The Relationship between Cognitive Flexability and Creativity.**

**Yasmeean Abdullah**, *Saint Xavier University* (Gregory DeGirolamo, Faculty Sponsor)

The research study examines the relationship between cognitive flexibility and creativity. Cognitive flexibility plays a crucial role in facilitating creative

thinking and multitasking. The study delves into adaptability like problem-solving, exploring how creativity influences it. The study examines whether engaging in more creative activities relates to higher cognitive flexibility.

### **13 Disguising stereotypes through language**

**Madelyn Hichme**, *Oakland University*; Haylee Majewski, *Oakland University*; Martha Escobar, *Oakland University* (Martha Escobar, Faculty Sponsor)

### **14 The neurophysiological mechanisms of cognitive offloading: an empirical argument for Extended Mind Theory**

**Megan Markiewicz**, *Augustana College* (Daniel Cortis, Rupa Gordon, Faculty Sponsor)

### **PSI CHI AWARD WINNER**

#### **15 The Effects of Trait Anxiety on Visual Working Memory**

**Ali Pexsa**, *Minnesota State University Moorhead* (Jared Ladbury, Faculty Sponsor)

This study employs a multi-level quasi-experimental design to investigate the effects of trait anxiety on visual working memory. It is predicted that participants who have higher levels of trait anxiety measured by the Beck Anxiety Inventory will have a lower accuracy and response time on a visual working memory task.

#### **16 TikTok use and attention**

**Uccitly Caballero**, *Andrews University* (Karl Bailey, Faculty Sponsor)

#### **17 Examining the Associations between Intentional and Unintentional Mind-Wandering and Rumination**

**Priscilla Wangunyu**, *Saint Louis University*; Ashley Harkins, *Saint Louis University*; Dania Salman, *Saint Louis University*; Lisa Willoughby, *Saint Louis University* (Lisa Willoughby, Faculty Sponsor)

#### **18 The relationship between exercise intensity and executive functioning**

**Diego Sequeda-Marcano**, *Mount Mercy University*; Brandi Witt, *Mount Mercy University*; Alison Robu, *Mount Mercy University*; Jonathan Servey, *Mount Mercy University*; Mackenzie Ullian, *Mount Mercy University*; JJ Berry, *Mount Mercy University* (Rebecca Louison, Faculty Sponsor)

**19 Semantic knowledge for religious concepts in undergraduate students**

**Matthew Czmer**, *Hope College*; **Isabella Bozzi**, *Hope College*; **Ashley Trainor**, *Hope College* (Lindsey Root Luna, Faculty Sponsor)

**20 Gender-Based Differences in the Accessibility of Direct and Indirect Aggression**

**Christopher Groves**, *University of Wisconsin - Oshkosh*; **Gillian Bellman**, *University of Wisconsin - Oshkosh*; **Ece Tunali**, *University of Wisconsin - Oshkosh*; **Addie Briggs**, *University of Wisconsin - Oshkosh* (Christopher L. Groves, Faculty Sponsor)

**21 The whys to our thighs and tris**

**Cristian Mancilla Zonido**, *Dominican University*; **Fidel Macias**, *Dominican University*; **Lily Matias**, *Dominican University* (Dr. Caldwell, Faculty Sponsor)

**22 Investigating the effects of glucose on selective attention in adults with and without ADHD**

**Brooke Christensen**, *University of Minnesota, Morris*; **Evelyn Thell**, *University of Minnesota Morris* (Kerry Michael, Faculty Sponsor)

**23 Physiological synchrony in parent-child dyads across cultures**

**Kassidy Collins**, *University of Wisconsin-Green Bay*; **Veronica Mason**, *University of Wisconsin-Green Bay* (Sawa Senzaki, Faculty Sponsor)

**24 Individual differences in semantic congruency effects**

**Shae Moore**, *Ohio State University - Newark*; **Taylor Beck**, *Occidental College*; **Susan Geffen**, *Occidental College*; **Chris Robinson**, *The Ohio State University* (Christopher W. Robinson, Susan Geffen, Faculty Sponsor)

**25 Effect of Stimulus and Human Social Information on Short-Term Memory**

**Moe Ghanem**, *John Carroll University* (Thomas Frazier, Faculty Sponsor)

**26 Social Media in Relation to Attention**

**Isabella Kneeland**, *St. Norbert College*; **Hailey Monroe**, *St. Norbert College* (Michelle Schoenleber, Faculty Sponsor)

**27 Asian (American) Students' Experiences with the "Model Minority Myth" in Math**

**Sanjana Rahman**, *University of Kentucky*; Pooja Sidney, *University of Kentucky* (Pooja Sidney, Faculty Sponsor)

**28 Impacts of emotion on response inhibition in younger and older adults**

**Erin Murray**, *Saint Louis University*; Stephanie Hartling, *Saint Louis University*; Isha Kalaga, *Saint Louis University*; Julia Lanfersieck, *Saint Louis University*; Margaret Benington, *Saint Louis University*; Emily Haar, *Saint Louis University* (Jill Waring, Faculty Sponsor)

**29 The role of insight in mathematical problem-solving**

**Yao Xiao**, *Northwestern University*; Yuhua Yu, *Northwestern University*; Mark Beeman, *Northwestern University* (Mark Beeman, Faculty Sponsor)

**30 Impact of first impressions on assuming criminal charges**

**Rhiannon Depew**, *Penn State Scranton*; Bella Provenzano, *Penn State Scranton* (Bella provenzano, Faculty Sponsor)

**31 An EEG Investigation of Sleep Quality Memory and Executive Function**

**Jose Herrera**, *University of Wisconsin-Parkside* (Melissa Gregg, Faculty Sponsor)

**32 The Contribution of Familiarity and Context on Visual Object Recognition**

**Anh Le**, *Denison University*; Megan Broderick, *Denison University*; Sophie Kannee, *Denison University*; Tenzin Kunga, *Denison University* (Seth Chin-Parker, Faculty Sponsor)

**33 Perceptions of interlocutors and adapting to noncanonical language in the absence of the auditory channel and paralinguistic visual cues**

**Ori Kim**, *Carleton College* (Mija Van Der Wege, Faculty Sponsor)

**34 The effect of retrospective revaluation impacting the purchase of pharmaceuticals shown in advertisements**

**Landry Howland**, *University of Missouri* (Todd Schachtman, Faculty Sponsor)

**35 Top-down vs Bottom-up, what is the best approach to early science learning?**

**Naina Manocha**, *University of Cincinnati*; Ana Ocasio, *University of*

*Cincinnati*; Gagan Adabala, *University of Cincinnati* (Heidi Kloos, Faculty Sponsor)

**36 Exploring the Effects of Background Noise and Presentation Modality on Memory**

**Veronica Mekhel**, *John Carroll University*; Samson samson, *John Carroll University*; Craig Will, *John Carroll University*; Jazlynn Smith, *John Carroll University*; Brielle Angelo, *John Carroll University* (Thomas Frazier, Faculty Sponsor)

**37 The role of praise on children's exploratory behaviors during spatial activities**

**Winnie Chui**, *Northwestern University*; Brian Andrus, *Northwestern University*; David Uttal, *Northwestern University* (David Uttal, Faculty Sponsor)

**38 The effect of digital distraction on cognitive performance**

**Caitlin Dollins**, *Lindenwood University* (Rebecca Fousheè, Faculty Sponsor)

**39 Face First: Activation of the Mammalian Dive Reflex via face plunge temporarily modifies cognitive and physical abilities**

**Nicholas Bruder**, *University Wisconsin La Crosse* (Dr. Alexander O'Brien, Faculty Sponsor)

**40 Semantic integration and source memory competition**

**Isabel Folger**, *Carleton College* (Mija Van Der Wege, Faculty Sponsor)

**41 College students' beliefs about the benefits of multilingualism**

**Gabriela Corral**, *Dominican University* (Anthony Krafnick, Faculty Sponsor)

**42 Sluggish cognitive tempo in autistic girls with ADHD**

**Josie Ricketts**, *The University of Alabama*; Elizabeth McRae, *The University of Alabama*; Laura Stoppelbein, *University of Alabama* (Elizabeth McRae, Ph.D., Faculty Sponsor)

**43 The effect of unattended social media notifications on neural processing**

**Christopher Weiss**, *University of Wisconsin - Parkside*; Melissa Gregg, *University of Wisconsin Parkside* (Melissa Gregg, Faculty Sponsor)



**44 Impact of COVID-19 on children's motor and physical skill development**

**Kathryn White**, *University of Dayton*; Molly Griffin, *University of Dayton* (Mary Wagner, Faculty Sponsor)

**45 The relations between stressful life events and preschoolers' social-emotional and cognitive skills**

**Elizabeth Clark**, *Purdue University*; Avery Closser, *Purdue University*; David Purpura, *Purdue University*; Sara Schmitt, *University of Oregon*; Robert Duncan, *Purdue University*; James Elicker, *Purdue University* (Avery Closser, David Purpura, Faculty Sponsor)

**46 Dynamics of peer victimization and self-esteem in Brazilian adolescents: a focus on gender minority youth**

**Albina Yurtova**, *University of Nebraska Omaha*; Bianca Nicz Ricci, *Federal university of Parana*; Hellen Tsuruda; Alexa Martin-Storey, *Université de Sherbrooke*; Josafa Da Cunha, *Federal University of Parana in Curitiba*; Jonathan Santo, *University of Nebraska Omaha* (Jonathan B. Santo, Faculty Sponsor)

**47 A longitudinal study of paternal influences and maternal mediation in adolescents' alcohol use amid socio-political violence**

**Ethan Horvath**, *University of Notre Dame* (E. Mark Cummings, Kathleen Bergman, Faculty Sponsor)

**48 Parent's and Non-Parent's Perceptions of Childhood Transgressions**

**Ava Roderick**, *University of Missouri-Columbia*; Yue Guo, *University of Missouri-Columbia*; Philip Robbins, *University of Missouri-Columbia*; Nicole Campione-Barr, *University of Missouri* (Nicole Campione-Barr, Faculty Sponsor)

**49 Life narratives of diverse young adults: sociodemographic patterns in emotion expression**

**Melanie Childs**, *St. Olaf College*; Anna Lee, *St. Olaf College* (Grace Cho, Faculty Sponsor)

**50 Differences in mental health for adolescents in gifted and talented and traditional high school settings**

**Lauren Morris**, *Western Kentucky University*; Amy Brausch, *Western Kentucky University* (Amy Brausch, Faculty Sponsor)

**51 Private speech in maltreated children during a frustration task: The long-term impact of Reminiscing and Emotion Training (RET) on children's self-regulation**

**Zachary Bergman**, *University of Notre Dame*; Katherine Edler, *University of Notre Dame*; Kristin Valentino, *University of Notre Dame* (Kristin Valentino, Faculty Sponsor)

**52 From narcissism to relational aggression in adolescents: Examine a longitudinal moderated mediation model**

**Kaytlyn Bell**, *DePaul University*; Mingqi Li, *DePaul University*; Yan Li, *DePaul University*; Michelle Wright, *DePaul University* (Yan Li, Faculty Sponsor)

**53 Reasonings for adolescent disclosure to parents**

**Nicole Davis**, *University of Missouri*; Maria Victoria Aceves-Power, *University of Missouri*; Nicole Campione-Barr, *University of Missouri* (Nicole Campione-Barr, Faculty Sponsor)

**54 Friendship approval as a possible protective factor on the relationship between depressive symptoms and academic efficacy**

**Denise Baloi**, *Wayne State University*; Alexandra Ehrhardt, *Wayne State University* (Hannah Schacter, Faculty Sponsor)

**55 Redemption, Contamination, Agency, and Communion: Narrative Themes and Well-Being of Diverse Young Adults**

**Carolina Cornejo**, *St. Olaf College*; Lulu Makene, *St. Olaf College* (Grace Cho, Faculty Sponsor)

**56 "Look, a doff!": Word learning from books and screens through socially contingent interactions**

Ocean Akau, *Augustana College*; Lilley Anderson, *Augustana College*; **Kara West**, *Augustana College* (Megan Lorenz, Sarah Kucker, Faculty Sponsor)

**57 Developmental Origins of Infant EEG Responding to Emotional Events**

**Natalia Grossi Ferreira**, *University of Missouri - Columbia*; Tingyan Liu, *University of Missouri - Columbia*; Azzurra Sartini-Rideout, *The*

*University of Iowa; Ashley Groh, University of Missouri - Columbia (Ashley M. Groh, Faculty Sponsor)*

**58 Preschoolers' imitation behaviors related to a same or different race experimenter**

**Grace Robinson**, *University of Missouri*; Yuyan Luo, *University of Missouri - Columbia*; Rylie Putrich, *University of Missouri* (Yuyan Luo, Faculty Sponsor)

**59 Parenting style as a moderator for the relationship between childhood trauma and adult anxiety**

**Hailey Clark**, *University of Wisconsin-La Crosse* (Tesia Marshik, Faculty Sponsor)

**60 Young infants understanding about preferences**

**Katrina Eberding**, *University of Missouri* (Yuyan Luo, Faculty Sponsor)

**61 The Role of Digital Media Use and Mother Education and Children's Age in Preschoolers' School Readiness**

**Grace Krajewski**, *Michigan State University*; Apoorva Chalasani, *Michigan State University*; Burcu Tatar, *Michigan State University* (Lori Skibbe, Faculty Sponsor)

**62 Observed positive coparenting strategies are associated with less use of coercive control food parenting among male and female parents**

**Ananya Chatterjee**, *University of Toledo*; Miriam Shikwana, *University of Toledo*; Adelyn Sherrard, *University of Toledo*; Frances Lauten, *The University of Toledo*; Michael Vang, *University of Toledo*; Cin Cin Tan, *University of Toledo* (Cin Cin Tan, Faculty Sponsor)

**63 The Moderating Role of Emotion Dysregulation between Food Insecurity and Food Parenting**

**Max Machon**, *The University of Toledo*; Lura Oldfield, *University of Toledo*; Michael Vang, *University of Toledo*; Adelyn Sherrard, *University of Toledo*; Frances Lauten, *The University of Toledo*; Cin Cin Tan, *University of Toledo* (Cin Cin Tan, Faculty Sponsor)

**64 Socioemotional themes across banned picture books in America**

**Sandra Stodden**, *The College of Saint Scholastica*; Taylor Hazelbaker, *The College of St. Scholastica* (Taylor Hazelbaker, Faculty Sponsor)

**65 Parental mental health, SES, and child behavioral outcomes**

**Julia Ivey**, *University of Iowa*; Paige Nelson, *University of Iowa*; Ece Demir-Lira, *University of Iowa* (Ö. Ece Demir-Lira, Faculty Sponsor)

**66 Early temperamental reactivity and externalizing behavior: a meta-analytic study**

**Enora Cattanach**, *University of Missouri Columbia*; Madeline Patrick, *University of Missouri Columbia*; Ashley Groh, *University of Missouri - Columbia* (Ashley Groh, Faculty Sponsor)

**67 Prenatal Neural Responding to Infant Emotional Cues and Observed Parenting**

**Ryann Harold**, *University of Missouri- Columbia*; Madeline Patrick, *University of Missouri, Columbia*; Gloria Chang, *University of Missouri- Columbia*; Ashley Groh, *University of Missouri - Columbia* (Ashley Groh, Faculty Sponsor)

**68 Reasons Adolescent Siblings Disclose Information To Each Other**

**Taleeya Stewart**, *Harris-Stowe State University*; Maria Aceves-Power, *University of Missouri*; Nicole Campione-Barr, *University of Missouri* (Nicole Campione-Barr , Faculty Sponsor)

**69 Children's Emotional Engagement and STEM Talk in a Children's Museum**

**Skye Peyton**, *Loyola University Chicago*; Bianca Aldrich, *Loyola University Chicago*; Catherine A. Haden, *Loyola University, Chicago*; Milla Metlicka, *Loyola University Chicago* (Bianca Aldrich, Catherine Haden, Faculty Sponsor)

**70 Parent-child conflict resolution: The role of parents' conflict styles and active listening**

**Malia Bloemker**, *University of Nebraska-Lincoln*; Grace Parolek, *University of Nebraska-Lincoln* (Ashley M. Votruba, Jenna E. Finch , Faculty Sponsor)

**71 Perinatal Sleep Disturbance and Neural Processing to Infant Emotional Cues**

**Ellen Davis**, *University of Missouri- Columbia*; Madeline Patrick, *University of Missouri Columbia*; Ashley Groh, *University of Missouri - Columbia* (Ashley Groh, Faculty Sponsor)

**72 Identity, gender, and aging: Black and White late-midlife adults' narratives of aging**

**Kristen Johnson**, *Northwestern University*; Noor Al-Khaouli, *University at Buffalo*; Bidushi Bhowmik, *University at Buffalo*; Dan P. McAdams, *Northwestern University*; Hollen Reischer, *University of Buffalo* (Hollen N. Reischer, Faculty Sponsor)

**73 Perceived Blood Alcohol Content and Drink Estimation: Intoxication Scenario Assessment**

Nina Beardsley, *Kenyon College*; **Delaney Klace**, *Kenyon College*; Dana Krieg, *Kenyon College*; Paula Millin, *Kenyon College* (Paula Millin, Dana Krieg, Faculty Sponsor)

**74 Does hand dominance matter? Examining statistical learning in adults**

**Allison Kom**, *Valparaiso University*; Meghan McCann, *Valparaiso University*; Abbie Thompson, *Valparaiso University* (Abbie Thompson, Faculty Sponsor)

**75 Collaboration and spatial conversations in home and museum settings**

**Kaitlyn Hurka**, *Northwestern University*; Evan Vlahandreas, *Northwestern University*; Elena Fiegen, *Northwestern University*; Lauren Pagano Hush, *Northwestern University* (David Uttal, Catherine Haden, Faculty Sponsor)

**76 Drawing Conclusions: Annotating Visualizations Supports Middle School Students' STEM Talk**

**Elyse Hertzman**, *Loyola University Chicago*; Lauren Pagano Hush, *Northwestern University*; David Uttal, *Northwestern University* (Catherine Haden, Faculty Sponsor)

**77 Resilience Factors in Adolescents' Cybervictimization Experiences and Their Impact on School Anxiety**

**Lizzie Finn**, *University of Nebraska at Omaha*; Jonathan Santo, *University of Nebraska Omaha* (Jonathan Santo, Faculty Sponsor)

**78 Beyond the binary: Exploring preschoolers' stereotypes about nonbinary people**

**Ash Weinschrott**, *Saint Mary's College*; Vex Williams, *Saint Mary's College*; Marjorie Schaeffer, *Saint Mary's College* (Marjorie Schaeffer, Faculty Sponsor)

**79 The impact of flourishing on changes in Brazilian adolescents' negative affect during the COVID-19 pandemic**

**Olivia Carusi**, *University of Nebraska at Omaha*; Hellen Tsuruda; Bianca Nicz Ricci, *Federal university of Parana*; Josafa Da Cunha, *Federal University of Parana in Curitiba* (Jonathan Santo, Faculty Sponsor)

**80 This one is linek: How prosodic congruency affects novel adjective learning in children**

**Kamala sharma**, *The Ohio State University*; Noah Browning, *The Ohio State University*; Ashley McCarthy, *The Ohio State University*; Cecilia Carlisle, *The Ohio State University*; Samantha McDonald, *The Ohio State University* (Melissa K. Jungers, Julie M. Hupp, Faculty Sponsor)

**81 Scaffolding Parent-Child Storytelling and Building Spatial Knowledge during Museum-Based Tinkering**

**Kathryn Nyland**, *Loyola University Chicago*; Evan Vlahandreas, *Northwestern University*; Riley George, *Loyola University Chicago*; Lauren Pagano Hush, *Northwestern University*; David Uttal, *Northwestern University* (Catherine Haden, Faculty Sponsor)

**82 Emotional Climate Change Conversations during a Middle School Field Trip**

**Saida Mirdadi**, *Loyola University Chicago*; Lauren Pagano Hush, *Northwestern University*; Catherine A. Haden, *Loyola University* (Catherine Haden, Faculty Sponsor)

**83 Variations in Growth Across Age Groups and Key Autobiographical Memories**

**Teija Mitchell**, *Iowa State University*; Brittany Linch, *Iowa State University*; Grace Wasinger, *Iowa State University*; Emma Bogner, *Iowa State University*; Kristi Costabile, *Iowa State University* (Kristi Costabile, Faculty Sponsor)

**84 A mixed-methods analysis of teachers' race-related knowledge**

**Emma Mischke**, *The College of St. Scholastica*; Madisen McKinney, *The College of St. Scholastica* (Taylor Hazelbaker, Faculty Sponsor)

**85 Co-rumination impacts adolescent sibling relationship positivity and emotional adjustment**

**Ciara Middleton**, *University of Missouri-Columbia*; Maria Aceves-Power, *University of Missouri*; ALLYSON BARRAZA, *University of Missouri-Columbia*; Nicole Campione-Barr, *University of Missouri* (Dr. Nicole Campione-Barr, Faculty Sponsor)

**86 The Dynamics of the Pretesting Effect on Long-term Retention: Evidence from a Retention-Interval Study**

**Pragati Maheshwary**, *University of Wisconsin - Madison*; Michelle Kaku, *National University of Singapore* (Steven Pan, Faculty Sponsor)



**Psi Chi Posters IV - Developmental and Clinical**

Thursday, April 18 | 11:30 AM-12:20 PM

Upper Exhibit Hall

**1 Real or Animated? When teaching about development does format matter?**

**Mary Emma Zimmermann**, *Valparaiso University*; Kaylee Shank, *Valparaiso University*; Paige Vucich, *Valparaiso University*; Ashlee Tracy, *Valparaiso university*; Abbie Thompson, *Valparaiso University* (Abbie Thompson , Faculty Sponsor)

**2 The positive correlation between executive functioning and emotional intelligence in middle childhood.**

**Isabelle Haase**, *University of Wisconsin Green Bay*; Morgan Kryzaneck, *University of Wisconsin Green Bay* (Sawa Senzaki , Faculty Sponsor)

**3 Effect of gestational age on children's neurodevelopmental outcomes**

**Rebecca Hughes**, *University of Iowa*; Ece Demir-Lira, *University of Iowa*; Paige Nelson, *University of Iowa* (Ö. Ece Demir-Lira, Faculty Sponsor)

**4 Maternal Depression, Punitive Disciplinary Parenting Behavior, and Child Externalizing and Internalizing**

**Kai Richmond**, *The Ohio State University*; Yvonne Gong, *The Ohio State University* (Xin Feng, Faculty Sponsor)

**5 How child anxious reactivity and maternal age affect maternal well-being**

**Lennon Isaac**, *Miami University*; Elizabeth Kiel, *Miami University* (Elizabeth Kiel, Faculty Sponsor)

**6 Fear of failure and achievement goals in undergraduate STEM classrooms**

**Jeffrey Anton**, *Butler University*; Lesley Magiera, *Butler University*; Paige Endres, *Butler University*; Makenna Frias, *Butler University* (Candice Dreves, Faculty Sponsor)

**7 Puberty and neural response to rejection in middle childhood**

**Stefanie Overschmidt**, *Saint Louis University*; Richa Nakrani, *Saint Louis University* (Katherine Luking, Faculty Sponsor)

**8 What Really Counts: Comparing Sources of Math Talk in Childhood**

Courtney Thames, *Augustana College*; Samuel Vasich, *Augustana College*; **Rachel Jocson**, *Augustana College* (Megan Lorenz, Faculty Sponsor)

**9 Prior to puberty mood reactivity to stress differs by sex and depression risk**

**Mercedes Carter**, *Saint Louis University*; Pranavi Athota, *Saint Louis University*; Arlinda Shehu, *Saint Louis University*; Katherine Luking, *Saint Louis University* (Katherine Luking PhD, Faculty Sponsor)

**10 Subjective Invulnerability and Optimistic Bias Predict Mental Health Help-Seeking: Tests of Moderator Hypotheses**

**John Bailey**, *University of Notre Dame*; Josh Sobo-Ogunrinde, *University of Notre Dame* (Daniel Lapsley, Faculty Sponsor)

**11 Etiological pathways of overgeneral memory among maltreated youth**

**Aidan Lanz**, *University of Notre Dame* (Kristin Valentino, Brooke Ammerman, Faculty Sponsor)

**12 Parenting together versus individually: Do mothers and fathers differ?**

**Abby McRae**, *The Ohio State University* (Sarah Schoppe-Sullivan, Faculty Sponsor)



**13 Life stress exposure and pubertal timing: a universal or race-specific risk factor for mood disturbance in teens?**

**Pranavi Athota**, *Saint Louis University*; **Maria DelGiudice**, *Saint Louis University* (Katherine Luking, Faculty Sponsor)

**14 Evidence of Political Conformity among Black Adults in the US**

**Kyler Richard**, *University of Missouri- Columbia*; **Jordan Booker**, *University of Missouri- Columbia* (Jordan A. Booker, Faculty Sponsor)

**15 Intergenerational executive function transmission: The role of parenting behaviors during everyday conflict resolution discussions**

**Grace Parolek**, *University of Nebraska-Lincoln*; **Malia Bloemker**, *University of Nebraska-Lincoln*; **Ashley Votruba**, *University of Nebraska-Lincoln*; **Jenna Finch**, *University of Nebraska-Lincoln* (Jenna Finch, Ashley Votruba, Faculty Sponsor)

**16 Examining how the school context shapes youth's knowledge and attitudes towards American Indian peoples**

**Gracie Meagher**, *The College of St. Scholastica* (Taylor Hazelbaker, Faculty Sponsor)

**17 The Role of Children's Emotional Engagement in At-Home STEM Activities**

**Milla Metlicka**, *Loyola University Chicago*; **Bianca Aldrich**, *Loyola University Chicago* (Catherine Haden, Faculty Sponsor)

**18 The dynamics of parental closeness over 20 years**

**Haden Peterson**, *University of Missouri* (Stephen Whitney, Faculty Sponsor)

**19 Parent's gendered toy beliefs and children's gendered toy preferences**

**Miranda Kutell**, *Webster University* (Clint Johnson, Faculty Sponsor)

**20 Attachment and anxiety in stepfamilies: How does one's family type correlate with anxiety levels and attachment type?**

**Cheny Ohler**, *Olivet Nazarene University* (John Adams, Faculty Sponsor)

**21 The emergence of mood disorder and suicidality in early adolescence is prospectively predicted by mood PMS severity**

**Maria DelGiudice**, *Saint Louis University*; **Rossana Rojas**, *Saint Louis*

University; Katherine Luking, *Saint Louis University* (Katherine Luking, Faculty Sponsor)

**22 Protective factors in the context of childhood bereavement: Youth gratitude, future orientation, and purpose in life**

**Chris Giang**, *University of Michigan*; Lauren Alvis, *Meadows Mental Health Policy Institute*; Benjamin Oosterhoff, *Meadows Mental Health Policy Institute*; Julie Kaplow, *Tulane University School of Medicine* (Julie Kaplow, Faculty Sponsor)

**23 Associations Between the Quality of Relationships with Parents and the Quality of Romantic Relationships in Early Adulthood**

**Isabella Allegretti**, *University of Missouri - Columbia*; Maria Aceves-Power, *University of Missouri*; Nicole Campione-Barr, *University of Missouri* (Dr. Nicole Campione-Barr, Faculty Sponsor)

**24 Fostering Equity in STEM: Faculty Perspectives on Culturally Relevant Pedagogy**

**Arleth Cruz**, *Dominican University*; Melanie Palencia, *Dominican University* (Persis Driver, Faculty Sponsor)

**25 Goodness-of-fit in Preschool-aged Children's Relationships with Mothers and Fathers.**

**Yinan Ni**, *The Ohio State University* (Sarah Schoppe-Sullivan, Faculty Sponsor)

**26 Comparing Gender References in Children's Picture Book Text**

**Natalie Ensor**, *Valparaiso University*; Emily Gibson, *Valparaiso University*; Meghan McCann, *Valparaiso University*; Kamila Wolowiec, *Valparaiso University*; Katherine Naylor, *Valparaiso University*; Grace Kostoff, *Valparaiso University*; Kaylee Shank, *Valparaiso University*; Abbie Thompson, *Valparaiso University* (Abbie Thompson, Faculty Sponsor)

**27 The effects of parental conflict of adolescents' perceptions of romantic relationships**

**Dante Holland**, *Oberlin College*; Rebecca Dubrovsky, *Oberlin College*; Lee Must, *Oberlin College* (Nancy Darling, Faculty Sponsor)

**28 The Role of Ethnicity in Neural Processing of Infant Faces**

**Jocelyn Lamore**, *University of Missouri-Columbia, MO*; Emmalyn Gerhardt, *University Of Missouri - Columbia*; Brielle Grant, *Southern*

*Adventist University; Makayla Pollock, University of Missouri-Columbia; Ashley Groh, University of Missouri - Columbia (Ashley Groh, Faculty Sponsor)*

**29 Becoming a Scientist: Exploring the Motivational and Contextual Factors of STEM Identity Development**

**Melanie Palencia**, *Dominican University (Persis Driver, Tina Taylor-Ritzler, Faculty Sponsor)*

**30 Pubertal Timing, mood PMS, and Peer Experiences: an ABCD Study**

**Lydia Mulugeta**, *Saint Louis University; Ugochukwu Uzo-Ojinnaka, Saint Louis University; Maria DelGiudice, Saint Louis University; Katherine Luking, Saint Louis University (Katherine Luking, Faculty Sponsor)*

**31 Emerging Adult's Life Goals: Typologies and Ties with Personal Characteristics**

**Bailey Cannon**, *University of Missouri - Columbia; Jordan Booker, University of Missouri- Columbia; Jennifer Bohanek, University of Missouri - Columbia (Jennifer Bohanek, Jordan Booker, Faculty Sponsor)*

**32 Sex and Zygoty Differences in Middle Childhood Friendship Quality**

**Calli Willett**, *Southern Illinois University Carbondale; Riley Marshall, Southern Illinois University Carbondale (Lisabeth Fisher DiLalla, Faculty Sponsor)*

**33 Worms can't do math: attributions of mentality and soul to animate and inanimate entities**

**Sarah Hall**, *Carthage College; Taliah Barton, Carthage College; Aaliyah Kessler, Carthage College; Melanie Nyhof, Carthage College (Melanie Nyhof, Faculty Sponsor)*

**34 Problem Talk with Mothers, Fathers, Siblings, and Friends**

**Kally Horn**, *University of Missouri; Alyssa Norrenberns, University of Missouri-Columbia; Emmalyn Gerhardt, University Of Missouri - Columbia; Sebastian Montgomery, University of Missouri; Erin McWilliams, University of Missouri; Megan Hammond, University of Missouri; Allison Siebeneck, University of Missouri; Sydney Taylor, University of Missouri; Allie Spiekerman, University of Missouri - Columbia; Amanda Rose, University of Missouri (Amanda Rose, Faculty Sponsor)*

**35 Exploring the Influence of Parental Presence on Children's Physiological Responses and Moral Reasoning in Challenging Circumstances**

**Morgan Kryzanek**, *University of Wisconsin Green Bay*; Isabelle Haase, *University of Wisconsin Green Bay* (Dr. Sawa Senzaki, Faculty Sponsor)

**36 Implementing Social-Emotional Learning Programming into School Curriculum Through Creative Writing Workshops**

**Chelsea Sanchez**, *Bradley University*; Valerie San Juan, *Bradley University* (Valerie San Juan, Faculty Sponsor)

**37 Social media and gender identity in young adults**

**Anna Beck**, *University of Missouri—Columbia*; Kristy vanMarle, *University of Missouri - Columbia* (Kristy vanMarle, Faculty Sponsor)

**38 The Relationship Between Childhood Digital Media Use and Creativity in College Students**

**Lilah McGurer**, *Anderson University* (Laura Stull, Faculty Sponsor)

**39 Parent Gestures Across Modalities: The Impacts on Children's Word Learning**

**Kelsey A. Notestein**, *Augustana College* (Megan Lorenz, Sarah Kucker, Faculty Sponsor)

**40 Parenting Styles and their Impact on Career Decision Making Self Efficacy**

**Juan Daniel Moro Medina**, *Anderson University* (Laura Stull, Faculty Sponsor)

**41 The Correlation between Attachment and Physiological Synchrony in Parents and Early-To-Middle Aged Children**

**Jaden Kahles**, *University of Wisconsin - Green Bay* (Sawa Senzaki, Faculty Sponsor)

**42 The effect of visual dominance on word learning in infants and adults**

**Lauren Tocco**, *Hope College*; Grace Sarafa, *Hope College*; Abby Vonk, *Hope College*; Chloe Swanson, *Hope College* (Dr. Lauren Slone, Faculty Sponsor)

**43 “It was like sunlight coming through a dark cloud”: Predictors of meaning-making and turning points in mothers’ stories of their child’s Down Syndrome diagnosis**

**Sarah Whitney**, *University of Missouri*; Angela Lukowski, *University of California-Irvine*; Jennifer Bohanek, *University of Missouri* (Jennifer Bohanek, Faculty Sponsor)

**44 Rurality as a Predictor of Parent-child Interactions and Child Mathematical Skills**

**Jacqueline Hernandez-Garcia**, *University of Iowa*; Ece Demir-Lira, *University of Iowa* (Ece Demir Lira , Faculty Sponsor)

**45 A socioeconomic lens on parental adverse childhood experiences and child emotional and behavioral well-being**

**Aminata Doumbouya**, *Eastern Michigan University* (Jamie Lawler, Angela Staples, Faculty Sponsor)

**46 Falling behind: trajectory of math learning disparity in poverty**

**Sarah Richter**, *University of Cincinnati*; Emmy Sager, *University of Cincinnati*; Jules Hureau, *University of Cincinnati* (Heidi Kloos, Faculty Sponsor)

**47 Sense of self study**

**Adele Bonomi**, *University of Notre Dame* (Dawn Gondoli, Faculty Sponsor)

**48 Differential Relations between Prematurity and Various Aspects of Language Development**

**Jacob Eisenberg**, *Univeristy of Iowa* (Ö. Ece Demir-Lira, Faculty Sponsor)

**49 Pass it on-or not: Predictors of parents' intention to expose their children to religious institutions**

**Emily Engel**, *Lindenwood University*; Scarlett Rose, *Lindenwood University*; Marlene Pape, *Lindenwood University* (Rebecca D. Foushée, Faculty Sponsor)

**50 Can frontal-limbic brain features predict mood PMS?**

**Maria DelGiudice**, *Saint Louis University*; Katherine Luking, *Saint Louis University* (Katherine Luking, Faculty Sponsor)

**51 Priorities and Preferences of Rural Parents Choosing Childcare**

**Haley McCarty**, *Truman State University*; Reina Suzuki, *Truman State University*; Madelynn Mattson, *Truman State University* (Dr. Katrina Schmerold, Faculty Sponsor)

**52 Parents Passing Purpose to Adolescents and Purpose's Connection to Resilience and Flourishing**

**Jack Krupa**, *The College of Wooster* (Claudia Thompson, Faculty Sponsor)

**53 The Role of Skin Tone in Perceptions of Black and Latine Students' Physical and Behavioral Attributes**

**Faith Brown**, *University of Missouri-Columbia*; Antoinette M. Landor, *University of Missouri-Columbia* (Antoinette Landor, Faculty Sponsor)

**54 Focus on their future: Improving future thinking among mothers from a traditionally underserved community to reduce harsh parenting and improve child outcomes**

**Victoria Ward**, *Loyola University Chicago*; Ashley Kucera, *Henry Ford Health Systems*; Tessa Hampton, *Henry Ford Health Systems*; Mackenzie Sprecher, *Henry Ford Health Systems*; Salam Sulaiman, *Henry Ford Health Systems*; Sydney Spatafore, *Henry Ford Health Systems*; Gabrielle Brakoniecki, *Henry Ford Health Systems*; Myles Harris, *Henry Ford Health Systems*; Jamarius Harris, *Henry Ford Health Systems*; Jaelyn Johnson, *Henry Ford Health Systems*; Julia Felton, *Henry Ford Health Systems* (Julia Felton, Faculty Sponsor)

**55 Trauma narratives: Meaning-making, coping strategies, and well-being**

**Zoe Esterly**, *St. Olaf College*; Samirah Tunks, *Vanderbilt University* (Grace Cho, Faculty Sponsor)

**56 The effect of mindfulness stress reduction interventions on the mental health of injured college athletes**

**Hannah Alvey**, *Lewis University*; Spencer Campbell, *Lewis University* (Spencer Campbell, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**57 The Effect of Adolescent Peer Relationships and Developed Maladaptive Behaviors on Adult Self-Concepts**

**Madeleine Winston**, *Saint Mary's College* (Andrea O'Rear, Faculty Sponsor)

This study assesses the effects of adolescence on the development of adult self-concept, highlighting the potential influences of peer relationships over the frequently studied parental influence. It is hypothesized that adolescent peer relationships mediate the connection between maladaptive behaviors during adolescence and the adult self-concept.

**58 Reading together: The effects of collaborative reading on relationship satisfaction and intimacy (WITHDRAWN)**

**Claudia Crockett**, *Indiana University East*; Beth Trammell, *Indiana University East* (Beth Trammell, Faculty Sponsor)

**59 The role of gender diversity in body dissatisfaction and disordered eating among college-aged students**

**Derek Meyer**, *Illinois State University*; Ty Harrell, *Illinois State University* (Suejung Han , Faculty Sponsor)

**60 Functions of non-suicidal self-injury and eating disorder symptoms in young adults**

**Lauren Morris**, *Western Kentucky University*; Amy Brausch, *Western Kentucky University* (Amy Brausch, Faculty Sponsor)

**61 Intergenerational trauma and coping among Southeast Asian Americans**

**Kyla Leones**, *University of Illinois at Springfield* (Frances Shen, Faculty Sponsor)

**62 The Eating Disorder Inventory (EDI) predicting suicidal ideation in adolescents**

**Cheyla Ferguson**, *Western Kentucky University*; Taylor Kalgren, *Western Kentucky University*; Amy Brausch, *Western Kentucky University* (Amy Brausch, Faculty Sponsor)

**63 The Personality Problems Linked with Parent Child Relationships**

**Madelyn Swigart**, *Western Illinois University* (Kelly Kristine, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**64 How childhood trauma exposure affects LGBTQ+ adults with ADHD's psychopathology**

**Laurel Miskovic**, *Loyola University Chicago*; Zoe Smith, *Loyola University*

*Chicago*; Byron Brooks, *Loyola University Chicago* (Zoe R. Smith, Byron Brooks, Faculty Sponsor)

This study examines the relationship between childhood trauma and symptoms of anxiety, depression, and suicidal ideation in LGBTQ+ adults with ADHD. Using a path analysis, I expect to find a strong positive correlation between childhood trauma, anxiety, and depression and a weaker positive correlation between childhood trauma and SI.

**65 The relationship between betrayal trauma in childhood and bpd characteristics**

**Makenzie Kell**, *Southern Illinois University Edwardsville* (Andrew Pomerantz, Faculty Sponsor)

**66 Fearlessness of death as a moderator between suicide ideation and suicide attempts in adolescents**

**Marlee Gieselman**, *Western Kentucky University*; Anthony Kennedy, *Western Kentucky University*; Amy Brausch, *Western Kentucky University* (Amy Brausch, Faculty Sponsor)

**67 The Effects of Non-Pharmacological Behavioral Health Interventions for Pregnant Women and their Children: A Scoping Review**

**Bailey Neighbor**, *University of Missouri-Columbia*; Jack Andrews, *University of Missouri*; Kristin Hawley, *University of Missouri, Columbia* (Kristin Hawley , Faculty Sponsor)

**68 Relationship Between Amygdalar Functional Connectivity and Camouflaging in Young Adults with Autism Spectrum Disorder**

**Jane Manson**, *University of Missouri - Columbia*; Nanan Nuraini, *University of Missouri - Columbia*; Carrina Appling, *University of Missouri-Columbia*; Brad Ferguson, *University of Missouri, School of Medicine, Department of Neurology*; David Beversdorf, *University of Missouri - Columbia* (David Beversdorf, Faculty Sponsor)

**69 Screen use and physical activity as predictors of suicidal ideation and nonsuicidal self-injury in adolescents**

**Cassandra Lindsay**, *Western Kentucky University*; Amy Brausch, *Western Kentucky University* (Amy Brausch, Ph.D. , Faculty Sponsor)

**70 The Effects of P-Factor and Daily Functioning on Therapy Utilization with Personality as a Moderator**



**Elizabeth Bruno**, *Southern Illinois University Edwardsville*; Taylor Meagher, *Southern Illinois University Edwardsville*; Maya Nieters, *Southern Illinois University Edwardsville* (Eunyoe Ro, Faculty Sponsor)

**71 Dependence, distress tolerance, and affect-related motivations to vape**

**Edith Pointer**, *Southern Illinois University Edwardsville* (Dan Segrist, Faculty Sponsor)

**72 A daily life study of the association between impulsivity, alcohol use, and alcohol-related consequences in young adults**

**Haley Hultz**, *University of Missouri*; Tionna Hough, *University of Missouri*; Megan Fleming, *University of Missouri*; Sean Lane, *University of Missouri*; Timothy Trull, *University of Missouri- Columbia* (Timothy Trull, Faculty Sponsor)

**73 Mindfulness affects the response to false feedback about cognition**

**Samantha McDonald**, *The Ohio State University*; Natalie Drake Boykin, *The Ohio State University*; Conor Wince, *The Ohio State University* (Jennifer M. Kowalsky, Amy B. Brunell, Melissa T. Buelow, Faculty Sponsor)

**74 Measurement invariance of the Social Responsiveness Scale (SRS/SRS-2) and Autism Diagnostic Observation Schedule (ADOS/ADOS-2) in a very large combined cohort sample**

**Celine Akouri**, *John Carroll University*; Sophia Wohlwend, *John Carroll University*; Claire Schuppel, *John Carroll University*; Roni Peleg, *John Carroll University* (Thomas Frazier, Faculty Sponsor)

**75 LGBTQ+ adults living with ADHD: A qualitative analysis.**

**Rylee Abaya**, *Loyola University Chicago*; Kaylah Denis, *Loyola University Chicago*; Samantha Geni, *Loyola University Chicago*; Hisham Nsier, *Loyola University Chicago*; Zoe Smith, *Loyola University Chicago*; Byron Brooks, *Loyola University Chicago* (Byron Brooks, Faculty Sponsor)

**76 The Role of Autistic Children's Sleep Disturbance in Parenting Stress**

**Thu Le**, *Denison University*; Gina Annunziato Dow, *Denison University* (Gina Annunziato Dow, Faculty Sponsor)

**77 Rumination as a moderator for the relationship between childhood maltreatment and NSSI**

**Ella Gaul**, *University of Notre Dame*; Connor O'Brien, *University of Notre Dame*; Kerri-Anne Bell, *University of Notre Dame*; Brooke Ammerman, *University of Notre Dame* (Brooke A. Ammerman, Faculty Sponsor)

**78 Religious and Spiritual Struggles, Gender Minority Stress, and Depression in Transgender Adults**

**Diana Sanford**, *University of Tennessee at Martin* (Angelina MacKewn, Faculty Sponsor)

**79 Thematic analysis of group interpersonal psychotherapy for college students**

**Joshua Knutsen**, *Loyola University Chicago*; Kirby Knapp, *Loyola University Chicago*; Sarah Broner, *Loyola University Chicago*; Maya Hareli, *Loyola University Chicago* (Colleen Conley, Faculty Sponsor)

**80 Parent-child agreement on conduct problems: What predicts it, and what difference does it make?**

**Sophie Hammond**, *University of Michigan* (Sandra Graham-Bermann, Faculty Sponsor)

**81 Therapeutic Art: Stress reduction through tattoo therapy?**

**Celeste Nist**, *Otterbein University* (Denise Hatter-Fisher, Elizabeth Weiss, Faculty Sponsor)

**82 Impact of Treatment Stage on Stigma and Perceived Chronicity for Schizophrenia and Depression**

**Thomas Largent**, *University of Indianapolis* (Dr. Jordan Waldron, Faculty Sponsor)

**83 Negative cognition and depression symptoms as predictors of performance outcomes**

**Isabella Peckinpugh**, *Purdue University*; Skye Napolitano, *Purdue University*; Dan Foti, *Purdue University* (Dan Foti, Faculty Sponsor)

**84 What's that? A new set of novel stimuli for research**

**Mary Beth Mihevc**, *Valparaiso University*; Melanie Piunti, *Valparaiso University*; Zoey North, *Valparaiso University* (Abbie Thompson, Faculty Sponsor)

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**Psi Chi Posters V – Clinical**

Thursday, April 18 | 12:30 PM-1:20 PM

Upper Exhibit Hall

**1 Do parent personality and psychopathology moderate the association between child temperament and self-regulation?**

**Klaudia Malik**, *University of Notre Dame*; Isaac Petersen, *The University of Iowa* (Isaac Petersen, Faculty Sponsor)

**2 C-reactive protein inflammation and fibrinogen as mediators for pandemic depression**

**Jakob Forsythe**, *Bethel University*; Terry Chi, *Bethel University* (Terry Chi, Faculty Sponsor)

**3 How symptoms of ADHD in Black and/or Latiné Youth affect OCD symptoms**

**Laurel Miskovic**, *Loyola University Chicago*; Anjo Okechukwu, *Loyola University Chicago*; Maddie Warrick, *Loyola University Chicago*; Kayla Mkandawire, *Loyola University Chicago*; Terumi Randle, *Loyola University Chicago*; Zoe Smith, *Loyola University Chicago* (Zoe R. Smith, Faculty Sponsor)

**4 The impact of peer influence on body esteem and disordered eating**

**Chloe Xu**, *Illinois Wesleyan University*; Marie Nebel-Schwalm, *Illinois Wesleyan University* (Marie Nebel-Schwalm, Faculty Sponsor)

**5 Preliminary effectiveness of the body project for high school students**

**Ty Harrell**, *Illinois State University*; Derek Meyer, *Illinois State University*; Maxine Hoge, *Illinois State University*; Jacob Loer, *Illinois State University* (Suejung Han, Faculty Sponsor)

**6 Comparing Intensive CPT Outcomes for Male and Female MST Survivors**

**Anusha Limdi**, *Rush University Medical Center*; Ashby Boland, *Rush University Medical Center*; Michelle Ptak, *Rush University Medical Center*; Ryan Schubert, *Rush University Medical Center*; Sarah Pridgen, *Rush University Medical Center*; Philip Held, *Rush University Medical Center* (Philip Held, Faculty Sponsor)

**7 Dating online and relationship violence: the role of relationship initiation type**

**Jesse John**, *Eastern Michigan University*; Elizabeth Neilson, *Eastern Michigan University* (Elizabeth Neilson, Faculty Sponsor)

**8 Misinformation about ADHD and ASD on TikTok**

**Deena Bahrami**, *Loyola University Chicago*; Vanessa Barajas, *Loyola University Chicago*; Megan McCarron, *Loyola University Chicago*; Laurel Miskovic, *Loyola University Chicago*; Mikayla Cutler, *Loyola University Chicago*; Kayla Mkandawire, *Loyola University Chicago*; Marcus Flax, *Loyola University Chicago*; Zoe Smith, *Loyola University Chicago* (Zoe Smith, Faculty Sponsor)

**9 Is help-seeking stigma embedded in social networks? An empirical sociogram investigation**

**Alex Curry**, *Illinois State University*; Kenya Campbell, *Illinois State University*; Ryan Nelson, *Illinois State University*; Daniel Lannin, *Illinois State University*; Patrick Heath, *Gustavus Adolphus College* (Dan Lannin, Patrick Heath, Faculty Sponsor)

**10 Relationships between social media comparisons and eating disorder symptoms in men**

**Gwendolyn Bowman**, *Shawnee State University* (Brian Richards, Faculty Sponsor)

**11 Childhood Emotional Abuse and Sibling Relationships**

**Kendall Conaway**, *Purdue University*; Samantha Dashineau, *Purdue University*; Susan South, *Purdue University* (Susan South, Faculty Sponsor)

**12 The influence of gender and sport type on disordered eating**

**Paige Taylor**, *Morningside University* (Jessica Pleuss, Faculty Sponsor)

**13 What Predicts Loneliness in first-year college students? Investigating personality and social factors**

**Seema Dhaher**, *Kent State University*; Karin Coifman, *Kent State University*; Benjamin Mitchell, *Kent State University* (Karin Coifman, Benjamin Mitchell, Faculty Sponsor)

**14 The relationship between sex education and prevalence of intimate**

### **partner violence**

**Andrea Williams**, *The Pennsylvania State University*; Bella Provenzano, *Penn State Scranton* (Bella Provenzano, Faculty Sponsor)

### **15 The Effects of Income on Adult Personality and Psychopathology**

**Valerie Stutesman**, *Saint Mary's College* (Dr. Andrea O'Rear, Dr. Catherine Pittman, Faculty Sponsor)

### **PSI CHI AWARD WINNER**

### **16 Big Five Personality Traits and Romantic Relationship Satisfaction**

**Katelynn Frederick**, *Cleveland State University*; Liz Goncy, *Cleveland State University* (Elizabeth Goncy, Faculty Sponsor)

This study determined the association between romantic relationship satisfaction and the Big Five Personality traits. There is a positive correlation between relationship satisfaction and agreeableness and conscientiousness, and a negative correlation with neuroticism. Regression analyses demonstrated that only agreeableness remained significant after simultaneously considering the other traits.

### **17 Testing the moderating role of rumination between sexual orientation discrimination and factors associated with suicide risk**

**Frederick Gaskill**, *University of Wisconsin-Eau Claire*; Natalie Prochazka, *University of Wisconsin-Eau Claire* (Jennifer Muehlenkamp, Faculty Sponsor)

### **18 Perfectionism and the obsessive-compulsive related disorders: An expanded investigation using a new measure of perfectionism**

**Lin Sensenbrenner**, *Carthage College*; Shawn Lam, *Knox College*; Tyler Pasquale, *Carthage College*; Neva Beregeman, *Carthage College*; Bradley Szubyr, *Carthage College*; Julie Barber, *Carthage College* (Sara Stasik-O'Brien, Faculty Sponsor)

### **19 Relationship between Harm Avoidance, Incompleteness, and Disgust Proneness**

**Theodore Hoffman**, *Carthage College*; Gabrielle Pavesich, *Carthage College*; Grace Mason, *Carthage College* (Sara Stasik-O'Brien, Faculty Sponsor)

### **20 Blind in your mind: How Visual Memory influences traumatic recollection**

**Olivia Lewis**, *Washburn University*; Julie Boydston, *Washburn University* (Dr. Julie Boydston, Faculty Sponsor)

**21 Relationship between religious orientation, death anxiety, and hell anxiety.**

**Rodney Bell**, *Andrews University* (Herbert W. Helm Jr., Faculty Sponsor)

**22 Correlation between parental alcohol use and adult child's alcohol use**

**Jordan Specht**, *Saint Mary's College* (Andrea O'Rear, Faculty Sponsor)

**23 The role of childhood familiar and unfamiliar peer aggression linking early childhood precursors and school-age adjustment outcomes**

**Erna Chiu**, *University of Michigan*; Sheryl Olson, *University of Michigan*; Sujin Lee, *University of Michigan* (Sheryl Olson, Faculty Sponsor)

**24 Interdependent stigma and help-seeking intention: Mediating role of self-stigma and help-seeking attitudes**

**Allison Loomis**, *Iowa State University*; Nan Zhao, *Iowa State University*; David Vogel, *Iowa State University* (David Vogel, Faculty Sponsor)

**25 Does substance use moderate the association between discrimination and sexual violence among sexual minority men?**

**Gabrielle Pitruzzello**, *Purdue University*; Daniel Oesterle, *Purdue University*; LeAnn Zhang, *Purdue University*; Alexandria Bedard, *Purdue University*; Elizabeth Clark, *Purdue University*; Marie Blankenberger, *Purdue University*; Niamh Christie, *Purdue University*; Chris I Eckhardt, *Purdue University* (Christopher Eckhardt , Faculty Sponsor)

**26 Parental Divorce, Sibling Relationships and Depressive Symptoms**

**Presleigh Hansen**, *University of Wisconsin-La Crosse* (Jason Sumontha , Faculty Sponsor)

**27 The mediating or moderating role of study skills on ADHD diagnosed students' academic achievement.**

**Matthew Walsh**, *Illinois State University*; Suejung Han, *Illinois State University* (Sue Jung Han, Faculty Sponsor)

**28 Relations of prematurity on maternal mental health and child outcomes**

**Callahan Morton**, *The University of Iowa*; Ece Demir-Lira, *University of Iowa* (Ece Demir-Lira, Faculty Sponsor)

**29 A longitudinal study of ACEs and student mental health at a midwestern university**

**Jillian Walker**, *University of Southern Indiana*; Caleb Cunningham, *University of Southern Indiana*; Zachary Pilot, *University of Southern Indiana*; Julie Eyink, *University of Southern Indiana*; Matthew Powless, *University of Evansville* (Zachary Pilot, Julie Eyink, Matthew Powless, Faculty Sponsor)

**30 Contributions of race and mental health to children's ability to regulate emotions**

**Shreya Barlinge**, *University of Michigan - Ann Arbor*; Ellie Maly, *University of Michigan - Ann Arbor*; Briana Scott, *University of Michigan - Ann Arbor*; Sandra Graham-Bermann, *University of Michigan - Ann Arbor* (Sandra A. Graham-Bermann, Faculty Sponsor)

**31 ACEs & psychopathology: The importance of resilience**

**Caleb Cunningham**, *University of Southern Indiana*; Jillian Walker, *University of Southern Indiana*; Zachary Pilot, *University of Southern Indiana*; Julie Eyink, *University of Southern Indiana*; Matthew Powless, *University of Evansville* (Zachary Pilot, Julie Eyink, Matthew Powless, Faculty Sponsor)

**32 Cognitive Behavioral Therapy as a Treatment for Factitious Disorder Imposed on Another**

**Payton Miller**, *Morningside University* (Jack Hill, Faculty Sponsor)

**33 Adolescent trauma: Sleep's impact on depression and PTSD implications**

**Alexandra Lato**, *University of Wisconsin-Milwaukee*; Farah Harb, *University of Wisconsin-Milwaukee* (Christine Larson, Faculty Sponsor)

**34 Maternal psychopathology and adolescent mood PMS symptoms: novel mechanisms for intergenerational transmission of mood disorders**

**Georgia Smith**, *Saint Louis University*; Beatrice Antonenko, *Saint Louis University*; Katherine Luking, *Saint Louis University* (Katherine Luking, Faculty Sponsor)

**35 Behavioral Health Interventions for Parents of Children with Special Healthcare Needs: A Scoping Review**

**Paige Ford**, *University of Missouri-Columbia*; Jack Andrews, *University of Missouri*; Hamza Zamir, *University of Missouri-Columbia*; Kristin Hawley, *University of Missouri, Columbia* (Kristin Hawley, Faculty Sponsor)

**36 An exploration of the impact of Equity, Diversity, and Inclusion Certification programs**

**Olivia Scanlan**, *University of Wisconsin - Eau Claire*; Benjamin Evenson, *University of Wisconsin - Eau Claire* (Stacey M Jackson, Faculty Sponsor)

**37 Assessing social engagement differences across the continuum of sexuality**

**Ariana Cunningham**, *Bowling Green State University*; Daniel Maitland, *Bowling Green State University* (Daniel Maitland, Faculty Sponsor)

**38 Correlation between Cannabis Use and Psychosis Risk in College Students**

**Dina Kalderon**, *University of Missouri - Columbia*; John Kerns, *University of Missouri- Columbia* (John G. Kerns, Faculty Sponsor)

**39 Understanding the intergenerational impact: Maternal psychopathology, interparental conflict, and children's behavioral health**

**Mai Tran**, *University of Michigan - Ann Arbor*; Sujin Lee, *University of Michigan*; Sheryl Olson, *University of Michigan* (Sujin Lee, Sheryl Olson, Faculty Sponsor)

**40 How does death anxiety influence our material attachments?**

**Mya Landis**, *Saginaw Valley State University*; Holly Schaub, *Saginaw Valley State University*; Tyler-James Head, *Saginaw Valley State University*; Kaitrin Kraly, *Saginaw Valley State University*; Travis Pashak, *Saginaw Valley State University* (Travis J. Pashak, Faculty Sponsor)

**41 Parental Identity and Parenting Barriers among Survivors of Sexual and Violent Exploitation**

**Alexia Barrett**, *Anderson University* (Laura Stull, Faculty Sponsor)

**42 Masking during COVID-19: The role of general anxiety among**



**college students**

**Shaelyn Hostager**, *Wartburg College* (Shaheen Munir, Faculty Sponsor)

**43 Calling all caregivers: Examining ‘technoference’ in children’s museum exhibits**

**Samuel Vasich**, *Augustana College* (Megan G. Lorenz, Faculty Sponsor)

**44 Contributions of maladaptive personality traits and momentary negative affect to emotion dysregulation in college students.**

**Ethan Weires**, *University of Iowa*; **Leiana de la Paz**, *University of Iowa* (Molly Nikolas, Faculty Sponsor)

**45 Hedonic capacity and situation adaptive emotion regulation promote affective recovery in daily life.**

**Cassandra Moilov**, *Cleveland State University* (Ilya Yaroslavsky, Faculty Sponsor)

**46 Autonomous functioning and social support in imposter suffers**

**Kylie Phinney**, *Maryville University* (Chammie Austin , Faculty Sponsor)

**47 What increases risk for IPV perpetration among women? Examining the role of trait anger, substance use, & impulsivity**

**Alexandria Bedard**, *Purdue University*; **Daniel Oesterle**, *Purdue University*; **Niamh Christie**, *Purdue University*; **Chris I Eckhardt**, *Purdue University* (Christopher Eckhardt, Faculty Sponsor)

**48 Teens train your brain! A preliminary examination of the implementation potential of a working memory training program to improve adolescent health behaviors.**

**Salam Sulaiman**, *Henry Ford Health Systems*; **Ashley Kucera**, *Henry Ford Health Systems*; **Tessa Hampton**, *Henry Ford Health Systems*; **Richard Yi**, *University of Kansas*; **Victoria Ward**, *Loyola University Chicago*; **Myles Harris**, *Henry Ford Health Systems*; **Jaclyn Johnson**, *Henry Ford Health Systems*; **Gabrielle Brakonieccki**, *Henry Ford Health Systems* (Julia Felton , Faculty Sponsor)

**49 “I am not a monster”: Efficacy of a brief video intervention on reducing schizophrenia stigma**

**Anna Marie Riner**, *Gustavus Adolphus College* (Patrick Heath , Faculty Sponsor)

**50 The strong black woman schema's effects on mental health and quality of life outcomes**

**Kiya Rainey**, *Southern Illinois University Edwardsville* (Eunyoe Ro , Faculty Sponsor)

**51 A Grounded Theory of Postgraduate School Application Outcome Expectations**

**Alex Chavez**, *Drake University* (Meaghan Rowe-Johnson, Faculty Sponsor)

**52 Analyzing the effect of trauma on building trust and social connections**

**Ethan Besselman**, *Bowling Green State University*; Daniel Maitland, *Bowling Green Sate University* (Daniel Maitland, Faculty Sponsor)

**53 Evaluating the reliability of the Social Responsiveness Scale and Autism Diagnostic Observation Schedule**

**Samson samson**, *John Carroll University*; Ethan Crowley, *John Carroll University* (Thomas Frazier, Faculty Sponsor)

**54 Augmented reality exposure intervention for arachnophobia: A case study**

**Karla Sundbaum**, *Eastern Michigan University*; Joe Brown, *Eastern Michigan University*; Ashton Clark, *Eastern Michigan University*; Krithika Prakash, *Eastern Michigan University*; Joseph Tu; Ellen Koch, *Eastern Michigan University* (Ellen Koch , Faculty Sponsor)

**55 Comparing Inhibitory Control: Emotional vs. Neutral Stop Signal Tasks**

**Henry Berger**, *University of Wisconsin- Milwaukee*; Han Joo Lee, *University of Wisconsin - Milwaukee* (Han-Joo Lee, Faculty Sponsor)

**56 Comparing male sex offender personality scores to population norms of the HEXCAO Pi-R**

**Megan Schager**, *Olivet Nazarene University*; Kristian Veit, *Olivet Nazarene University* (Kristian Veit, Faculty Sponsor)

**57 Experiences of pain dismissal in college students with marginalized identities**

**Chloe Crosby**, *DePaul University*; Paulina Paredes Cienega, *DePaul*

University; Kayla McCracken, *DePaul University*; Keely Bieniak, *Depaul University*; Elizabeth Fenelon, *DePaul University* (Dr. Susan Tran, Faculty Sponsor)

**58 Examining Obsessive compulsive disorder using ecological momentary assessment and network analysis**

**Ella Kerr**, *Southern Illinois University*; Hannah Johnson, *Southern Illinois University*; Andy Wall, *Southern Illinois University - Carbondale*; Myles Arendtson, *Southern Illinois University-Carbondale*; Sarah Loew, *Southern Illinois University-Carbondale*; Eric Lee, *Southern Illinois University - Carbondale*; Brooke Smith, *Western Michigan University*; Thomas Fisher, *Western Michigan University*; Lucie Romano, *Western Michigan University* (Eric B. Lee, Ph.D., Faculty Sponsor)

**59 Memorable messages regarding adoption and religion: Perspectives of adult adoptees**

**Kendall Maes**, *Hope College*; Emily Helder, *Hope College* (Dr. Helder, Faculty Sponsor)

**60 Does Traumatization Type Predict Therapy Outcome?**

**Lisa Duong**, *Children's Research Triangle*; Anne Wells, *Children's Research Triangle* (Anne Wells, Faculty Sponsor)

**61 Mindful attention awareness: exploring the relationship with state and trait anxiety**

**Hollen Knoell**, *Kenyon College*; Tabitha Payne, *Kenyon College* (Tabitha Payne, Faculty Sponsor)

**62 The effects of procrastination on stress in college students; An investigation of self-efficacy's moderation on procrastination and stress**

**Ambria Ford**, *Eastern Illinois University*; Niara Fleming, *Eastern Illinois University* (Jeffrey Stowell, Faculty Sponsor)

**63 Zoom university: Remote learning and the imposter syndrome in university students**

**Haley Posch**, *Augsburg University* (Stacy Freiheit, Faculty Sponsor)

**64 How does institutional racial composition change how Black women experience Impostor Phenomenon?**

**Nylah McLarren**, *University of Missouri- Columbia*; Dante Bernard, *University of Missouri Columbia* (Dante Bernard, Faculty Sponsor)

**65 The relationship between dog characteristics, emotional bond to dogs, and mental health symptoms**

**Hannah Ghannam**, *Nebraska Wesleyan University* (Chelsea Klinkebiel, Rachel Hayes, Faculty Sponsor)

**66 Attitudes about trigger warnings, personality, and PTSD stigma in undergraduate students**

**Lindsey Gibb**, *Central Michigan University*; James Gerhart, *Central Michigan University* (James Gerhart, Faculty Sponsor)

**67 The correlation between childhood experiences, adult family functioning and adult criminality**

**Kennedy Willhite**, *University of Missouri-Columbia* (Kelli Canada, Faculty Sponsor)

**68 Exploring the Relations between Sleep, Emotion Regulation, and Dysregulated Eating among Urban Adolescents**

**Melissa Wojcik**, *Loyola University Chicago*; Maureen Burns, *Loyola University Chicago*; Julianna Adornetti, *Loyola University Chicago*; Destiny Onyeise, *Loyola University Chicago*; Hannah Hagy, *Loyola University Chicago*; Liz Rea, *Loyola University Chicago*; Amy Heard Egbert, *Loyola University Chicago* (Amy Bohnert, Faculty Sponsor)

**69 Examining the relationship between attention and negative affect in infancy**

**Lillian Millsbaugh**, *Purdue University* (Sarah Karalunas, Faculty Sponsor)

**70 Impact of personality on COVID-19-related masking behavior and masking anxiety**

**Shaelyn Hostager**, *Wartburg College* (Shaheen Munir, Faculty Sponsor)

**71 Interaction between trauma and well-being among college students**

**Jhoana Ocampo**, *Dominican University*; Gloria Goray, *Dominican University*; Fiona Rowlands, *Dominican University*; Niki Saheb Jamee, *Concordia University Chicago* (Sophia Duffy, Faculty Sponsor)

**72 Coping and control: Effects on the relationship between socioeconomic status and anxious and depressive symptoms**

**Noah Crockett**, *University of Notre Dame*; Anna Kierski, *University of Notre*

*Dame*; Miguel Blacutt, *University of Notre Dame*; Kenneth McClure, *University of Notre Dame* (Taylor Nicoletti, Theodore Beauchaine, Faculty Sponsor)

**73 Mindfulness as a Predictor for Behavioral Addiction**

**Thompson Schneider**, *University of Toledo*; WESLEY A. BULLOCK, *UNIVERSITY OF TOLEDO* (Wesley Bullock, Faculty Sponsor)

**74 The Association between COVID-fear with Psychological Distress and Substance Use: the Moderating Effect of Treatment Engagement**

**Isabella Kneeland**, *St. Norbert College* (Judith Biesen, Faculty Sponsor)

**75 Affects of Child Welfare Courts on the Mental Health of Foster Children**

**Haley Renkemeyer**, *University of Missouri*; Clark Peters, *University of Missouri* (Dr. Clark Peters, Faculty Sponsor)

**76 Transgender Policy News Consumption and Mental Well-being**

**Thea Blum**, *University of Missouri-Columbia*; Quinnehtukqut McLamore, *University of Missouri at Columbia* (Quinnehtukqut McLamore, Faculty Sponsor)

**77 Examining the interplay of maternal depression and parenting practices and their impact on childhood obesity outcomes**

**Adamari Lopez**, *University of Illinois Chicago*; Katie Burkhouse, *Nationwide Children's Hospital* (Jennifer Suor, Katie L. Burkhouse, Faculty Sponsor)

**78 Alexithymia and Low Assertiveness Conflict Management Styles**

**Rachel Scaliatine**, *Iowa State University*; Nicole Hayes, *Worcester Polytechnic Institute*; Craig Anderson, *Iowa State University* (Nicole Hayes, Craig Anderson, Faculty Sponsor)

**79 The relationship between household chaos and children's school readiness: Examining the moderating role of parenting behaviors**

**Sheva Khaimov**, *Wayne State University*; Ellyn Kennelly, *Wayne State University*; Alexis Taylor, *Wayne State University*; Moriah Thomason, *New York University* (Christopher Trentacosta, Faculty Sponsor)

**80 The Mother-Child Relationship and Abuse on Child Outcomes**

**Kimberly Davenport**, *Loyola University Chicago*; Tai Masuda, *Loyola*

*University Chicago; Niramay Patel, Loyola University Chicago; Brandt Bunger, Loyola University Chicago; Grace Courter, Loyola University Chicago (Scott Leon, Faculty Sponsor)*

**81 The impact of experiential avoidance on vulnerable disclosure, responsiveness, and social connectedness**

**Kaylee Church**, *Bowling Green State University*; Daniel Maitland, *Bowling Green State University* (Dr. Daniel Maitland, Faculty Sponsor)

**82 Social Media Use in College-Aged Individuals**

**Maryclare Stangel**, *DePaul University* (Dr. Jennifer Zimmerman, Faculty Sponsor)

**83 Moderating influences on differential attitudes towards mental health services**

**Alexa Yost**, *Lakeland University*; Jenna Caterino, *Lakeland University*; Baylee Babcock, *Lakeland University*; Jonah Heisler, *Lakeland University*; Michaela Schmitz, *Lakeland University*; Jessica Kalmar, *Lakeland University* (Jessica Kalmar, Faculty Sponsor)

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**Psi Chi Posters VI – Social**

Thursday, April 18 | 1:30 PM-2:20 PM

Upper Exhibit Hall

**1 Not like the others: Do personal fables predict emerging adults' legal judgments?**

**Tiana Pham**, *Kenyon College* (Margaret Stevenson, Faculty Sponsor)

**2 A surprising gender difference in the portrayal of baseball and softball players**

Emily Deaton, *The Woodlands School*; **Leonard Newman**, *Syracuse University* (Leonard Newman, Faculty Sponsor)

**3 Exploring gender disparities: Differences in discrimination experiences among Latinas and Latinos at a Midwestern predominantly white institution**

**Paige Bost**, *University of Michigan - Ann Arbor* (Lorraine Gutiérrez, Faculty Sponsor)

**4 Queer Arab Americans perceptions of Western queer spaces and belonging**

**Dhuha Wasfie**, *University of Illinois at Urbana Champaign*; Eleanor Junkins, *University of Illinois Urbana-Champaign* (Jaime Derringer , Faculty Sponsor)

**5 Political orientation and moral values: Examining their effects on susceptibility to misinformation.**

**MaKayla Hall**, *University of Northern Iowa*; Jordan Neely, *University of Northern Iowa* (Helen C. Harton, Faculty Sponsor)

**6 Self-Affirmation and the Illusion of Understanding: Does an affirmed self influence the effect illusory understanding has on attitude extremity?**

**MaKayla Hall**, *University of Northern Iowa*; Kat Fury, *University of Northern Iowa*; Monty Crain, *University of Northern Iowa*; Emma Forest, *University of Northern Iowa*; Natalie Dalton, *University of Northern Iowa*; Nicholas Schwab, *University of Northern Iowa* (Nicholas G. Schwab, Faculty Sponsor)

**7 Bias towards hiring persons with ADHD by political orientation**

**Krishna Patel**, *University of Northern Iowa*; Luke Banaszak, *University of Northern Iowa* (Helen C. Harton, Faculty Sponsor)

**8 Halo effect: Does a societal ideal body image increases social desirability?**

**Arina Bratamidjaja**, *Minnesota State University Moorhead* (Rochelle Bergstrom, Faculty Sponsor)

**9 An Intersectional Analysis of Emotional Display Rules in Interpersonal Settings: The Impact of Gender, Race, and Appearance**

**Jisoo Kim**, *Denison University* (Sarah Hutson-Comeaux, Faculty Sponsor)

**10 Serious or sarcasm? Examining the influence of emojis on perceived message tone in text messaging and face-to-face communication**

**Emilia Nykaza**, *Lewis University*; Philip Blankenship, *Lewis University* (Philip Blankenship, Faculty Sponsor)

**11 Connections to well-being in young adult personal narratives**

**Emma Hoelscher**, *St. Olaf*; Maria Chace, *St. Olaf* (Grace Cho, Faculty Sponsor)

**12 Does exoneration reduce the stigma of incarceration?**

**Riley Scrivner**, *Augustana College*; Ellys Stasinski, *Augustana College*; Mukupa Lungu, *Augustana College* (Daniel Corts, Faculty Sponsor)

**13 Health threat effects on social dominance orientation**

**Eleanor Desing**, *Loyola University Chicago*; Samantha Chambers, *Loyola University Chicago* (Jeffery Huntsinger, Faculty Sponsor)

**14 Peer Belongingness, Loneliness, and Social Media**

**Carmen Kline**, *Southern Illinois University Edwardsville*; Abigail Podshadley, *Southern Illinois University Edwardsville*; Margaret Kleiser Polk, *Southern Illinois University Edwardsville* (Dr. Polk, Faculty Sponsor)

**15 Shaping Science Identity: Exploring Question Framing and SoTL Concepts through STEM-Based Questions**

**Vanessa Silva**, *Southern Illinois University Edwardsville*; Justin Pfister, *Southern Illinois University Edwardsville*; Rachel Bradley, *Southern Illinois University Edwardsville*; Anna Hendricks, *Southern Illinois University Edwardsville* (Rachel Bradley, Faculty Sponsor)

**16 Tiktok and empathy: The impact of matching genders when viewing mental health content**

**Christian Cullen**, *Xavier University*; Farah Weldon, *Xavier University*; Zach Taylor, *Xavier University* (Tammy Sonnentag, Faculty Sponsor)

**17 Pronouns, faces, and voices: How gender identity labels and phenotypes influence intergroup anxiety and avoidance**

**Brandon Cohen**, *University of Denver*; Gina Paganini, *University of Denver*; Lindsay Goolsby, *University of Denver* (Paige Lloyd, Faculty Sponsor)

**18 Challenging unexamined attitudes about female body hair**

**Anna Hendricks**, *Southern Illinois University Edwardsville* (Dr. Jason R. Finley, Faculty Sponsor)

**19 Parental status and education on negative outcomes for children of incarcerated parents as mitigating factors in sentencing**



**Victoria Ward**, *Loyola University Chicago* (R. Scott Tindale, Faculty Sponsor)

**20 Examining How Extreme Anti-Immigration Attitudes Are Perpetuated: A Mixed-Methods Approach.**

**Alice Muller Pereira**, *DePaul University*; Miguel Vazquez, *DePaul University*; Christine Reyna, *DePaul University* (Christine Reyna, Faculty Sponsor)

**21 You are what you watch: Impact of media representation on self-esteem and identity satisfaction**

**Lydia Jenkins**, *Lindenwood University*; Raphaëlle Margueron, *Lindenwood University*; Hailey Markowitz, *Lindenwood University* (Stephanie Afful, Faculty Sponsor)

**22 Color-Blindness Racial Attitudes and White Fragility influenced White Individual's Racial Justice Commitment in Predominantly White Campus**

**Spark Lim**, *University of Wisconsin-La Crosse*; Jason Sumontha, *University of Wisconsin La Crosse* (Dr. Jason Sumontha, Faculty Sponsor)

**23 How Polygraphs are Used to Induce False Confessions**

**Cynthia Faber**, *Augsburg University*; Ben Denkinger, *Augsburg University* (Ben Denkinger, Henry Yoon, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**24 Social Attitudes Between Gender Majority and Gender Minority Groups**

**Star Alexander**, *Truman State University* (Ashley Ramsey, Faculty Sponsor)

The research conducted looks at the social attitudes of people in the gender majority and gender minority. Two experiments were conducted that looked at variables of prejudice, acceptance, comfort, trust, genderism, transphobia, femininity, and masculinity. Preliminary results demonstrate that one's gender identity can influence their social attitudes towards others.

**25 The Relationships Amongst Social Anxiety, Eye Contact, and Age in Undergraduate Students**

**Makaelah Hutchins**, *Nebraska Wesleyan University* (Rachel Hayes, Chelsea Klinkebiel, Faculty Sponsor)

**26 The effects of age & disability on jurors' perceptions of child sexual abuse victims.**

**Jayla Carle**, *Western Illinois University* (Kathy McGuire, Faculty Sponsor)

**27 Take me back to '98: An examination of spectator's perceptions of previous home arenas**

**Daryann Whitener**, *Murray State University* (Daniel Wann, Faculty Sponsor)

**28 Longitudinal effects of meaning-making through expressive writing on mental health**

**Chloe Swanson**, *Hope College*; Carmen Casper, *Hope College*; Claire Van Duinen, *Hope College*; Isabella Brady, *Hope College* (Daryl R. Van Tongeren, Faculty Sponsor)

**29 Humbly facing the facts of life: humility and existential concerns**

**Isabella Brady**, *Hope College*; Carmen Casper, *Hope College*; Chloe Swanson, *Hope College* (Daryl R. Van Tongeren, Faculty Sponsor)

**30 The role of existential anxiety in political extremism and terrorism**

**Paula Geiser**, *Morningside University* (Jack Hill, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**31 Does hoping jinx our outcome? How people perceive feeling hopeful to affect their future outcomes**

**Meekim Nguyen**, *University of Missouri*; Megan Edwards, *University of Missouri, Columbia* (Laura A. King, Faculty Sponsor)

In the face of the unknowable, such as a cancer diagnosis, how does feeling hopeful vs. hopeless influence perceptions of the likelihood of future outcomes and their feelings after finding out? Two studies find that being hopeful results in the belief for a good outcome and positive feelings.

**32 With Great Power Comes Great Existential Concern? Existential Correlates of Superhero Identification**

**Sami Sehgal**, *University of Missouri - Columbia*; Madhwa Galgali, *University of Missouri - Columbia*; Megan Edwards, *University of Missouri, Columbia* (Jamie Arndt, Faculty Sponsor)

**33 Impression-Management Strivings and Mental Health in Athletic and**

**Musical Performers: Identifying Healthy Strivings**

**Erin Moran**, *Hope College*; Brendyn Mroz, *Hope College* (Mary Inman, Faculty Sponsor)

**34 Envy Predicting Like Seeking Behaviors**

**Liesel Lindo**, *Southern Illinois University at Edwardsville* (Dr. Maggie Polk, Faculty Sponsor)

**35 The Double Tap Effect**

**Alexie Rose**, *Southern Illinois University Edwardsville* (Dr. Maggie Polk , Faculty Sponsor)

**36 Too emotional? How self-and-public stigma affect men's mental health decisions**

**Hailee Park**, *Butler University*; Emma Magee, *Butler University*; Conor J. O'Dea, *Butler University* (Conor O'Dea, Faculty Sponsor)

**37 An investigation of the effects of knowledge about two social psychological concepts**

**Alexis Marroquin**, *University of St. Francis* (Brady Jones, Faculty Sponsor)

**38 The impact of vignette language on victim blame of rape survivors**

**Emma Turner**, *Purdue University Northwest*; Christabel Rogalin, *Purdue University Northwest* (Christabel Rogalin, Faculty Sponsor)

**39 Psychosocial Mechanisms and BIPOC Participation in Environmental Organizations**

**Abaigeal Houlihan**, *Swarthmore College*; Jeffrey Hunger, *Miami University*; Asli Yuksel, *Swarthmore College* (Tyler P. Jacobs, Jeffrey M. Hunger, Faculty Sponsor)

**40 Trait positive affect as a mediator of the association between positive emotion reactivity and well-being**

**Aliyah Szojka**, *Baldwin Wallace University* (David Disabato, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**41 Sexual Objectification, Body Consciousness, and Disordered Eating influence Appearance Modification**

**Delaney Forrest**, *Oakland University*; Melissa McDonald, *Oakland University* (Melissa McDonald, Faculty Sponsor)

Results of two serial mediation analyses found that women's sexual objectification experiences were associated with body consciousness and disordered eating. This pathway linked to wearing concealing clothing or avoiding sexually appealing clothing in respective models. Results suggest experiences of sexual objectification may contribute to disordered eating behaviors and appearance modification.

**42 A mixed methods approach on the correlation between body image comparison and social networking usage**

**Hannah McNett**, *Cedarville University*; Ashley Kee, *Cedarville University*; Rebecca Riley, *Cedarville University* (Chao Liu, Faculty Sponsor)

**43 To Touch or Not to Touch: How Contact with Wildlife Affects Children's Desire to Conserve and Own Tortoises as Pets**

**Sean Palmer**, *Otterbein University* (Michele Acker, Anna Young, Faculty Sponsor)

**44 Perceptions of Identity Signals Across Political Groups**

**Ellen Sanderson**, *Indiana University Bloomington*; Samantha Heiman, *Indiana University-Bloomington*; Edward Hirt, *Indiana University-Bloomington* (Ed Hirt, Samantha Heiman, Faculty Sponsor)

**45 Like parent, like partner? The influence of parent traits on partner choice**

**Jennifer Almquist**, *Hope College*; Neva Brown, *Hope College* (Carrie Bredow, Faculty Sponsor)

**46 Political orientation may mediate the effect of age on memory for case facts in fatal police use of force trials**

**Faith Linne**, *Southeast Missouri State University*; Chasity Ratliff, *Southeast Missouri State University* (Chasity Ratliff, Faculty Sponsor)

**47 The effect of need or cognition and attitudes toward police on memory or case facts in a fatal use of force trial**

**TeeJay Hughes**, *Southeast Missouri State University*; Kiya Conners, *Southeast Missouri State University*; Chasity Ratliff, *Southeast Missouri State University* (Chasity Ratliff, Faculty Sponsor)

**48 False narcissism feedback and performance on executive function tasks**

**Laura Beckett**, *The Ohio State University at Mansfield*; Bradley Wendland, *The Ohio State University*; Piper Clark, *The Ohio State University* (Amy B. Brunell, Melissa T. Buelow, Faculty Sponsor)

**49 The influence of empathy on perceived victimization and crime severity.**

**Ava Doster**, *University of Findlay*; Mackenzie Schneider, *University of Findlay*; Jessica LaBuda, *University of Findlay* (Jessica LaBuda, Faculty Sponsor)

**50 The effects of media messaging on perceptions of pet adoption**

**Matthew Warner**, *University of Findlay* (Jessica LaBuda, Faculty Sponsor)

**51 Pronoun Usage as a Safety Cue for College Students**

**Keri Maricle**, *Saginaw Valley State University* (Deborah E. Ward, Faculty Sponsor)

**52 Effects of ingroup bias on perceived severity of legal punishments**

**Mackenzie Schneider**, *University of Findlay*; Ava Doster, *University of Findlay*; Jessica LaBuda, *University of Findlay* (Jessica LaBuda, Faculty Sponsor)

**53 If I'm close to you, will I forgive you?**

**Jessica Martinez Jimenez**, *Coe College*; Mackenzie Jones, *Coe College*; Brittany Ramirez, *Coe College*; Vanessa Castillo, *Coe College* (Vanessa A. Castillo, Faculty Sponsor)

**54 Rape-Supportive Attitudes among Heterosexual and Sexual Minority College Students: Comparing Heteronormative and Inclusive Measures**

**Madalyn Lovejoy**, *University of Iowa*; Teresa Treat, *University of Iowa* (Teresa Treat, Faculty Sponsor)

**55 Artificial, not fundamental: College students' causal attributions from human vs. artificial intelligence graders.**

**Gabriella Brinkmann**, *North Park University* (Amy Governale, Faculty Sponsor)

**56 Examining the relationship between Humor, Student-Teacher Rapport, and Perception of Student Performance in the Classroom**

**Gwyneth Comer**, *Southern Illinois University Edwardsville*; Christina

Cheeseboro, *Southern Illinois University Edwardsville*; Rachel Bradley, *Southern Illinois University Edwardsville*; Allison Stricker, *Southern Illinois University Edwardsville* (Dr. Bradley, Faculty Sponsor)

### **57 Data Quality In Person Versus Online**

**Jiaxin Liu**, *University of Wisconsin Madison*; Benjamin Douglas, *University of Wisconsin–Madison*; Markus Brauer, *University of Wisconsin-Madison* (Benjamin D. Douglas, Markus Brauer, Faculty Sponsor)

### **58 Relationships Between Bicultural Stressors and Well-Being Among 2nd-Generation College Students**

**Sang-Mi Lee**, *Washington University in St. Louis*; Patrick Hill, *Washington University in St. Louis* (Patrick Hill, Faculty Sponsor)

### **59 Gratitude and grudges towards others: Impacts on emotion-regulation and HRV**

**Nhi Hoang**, *Hope College*; Charis Snyder, *Hope College*; Kendahl Miller, *Hope College*; Parker Friend, *Hope College*; Grace Sarafa, *Hope College*; Alexander Mathew, *Hope College*; Ana Wong, *Hope College*; Jacob Bergstrom, *Hope College*; Jessica Estabrook, *Hope College*; Joseph Gillengerten, *Hope College*; Tyler Kennedy, *Hope College*; Wyatt Collier, *Hope College* (Charlotte Witvliet, Lindsey Root Luna, Andrew Gall, Faculty Sponsor)

### **60 Early life stress alterations in the temporal neurodynamics of social reward**

**Liz Williams**, *University of Wisconsin-Green Bay*; Karsten Cowan, *University of Wisconsin-Green Bay*; Rene Houston, *University of Wisconsin - Green Bay*; A Yang, *Undergraduate at University of Wisconsin - Green Bay* (Jason Cowell, Faculty Sponsor)

## **PSI CHI AWARD WINNER**

### **61 Unstable self-esteem and traditional gendered attitudes predict homonegativity**

**Kaid Marek**, *Murray State University* (Amanda W. Joyce, Tracey Garcia McCue, Faculty Sponsor)

Gendered expectations, measured by levels of traditional expectations of masculinity and femininity from both men and women, combined with their self-esteem stability levels, predicts homonegativity.

**62 Influential people: inspiring or manipulative?**

**Natalie Safo**, *Oakland University*; Avery Machuk, *Oakland University*;  
Kanako Taku, *Oakland University* (Kanako Taku, Faculty Sponsor)

**63 Effects of Ally Confrontation on Target Outcomes**

**Sophie Firle**, *Missouri University of Science and Technology*; Gemma  
Olivas-Flores, *Missouri University of Science and Technology*; Jessica  
Cundiff, *Missouri University of Science and Technology* (Jessica Cundiff,  
Faculty Sponsor)

**64 Political and moral effects on disgust, orthorexia, and eating  
motivation**

**Nicholas Koukis**, *Northeastern Illinois University* (Naida Silverthorn ,  
Faculty Sponsor)

**65 Composting in the Modern World: Investigating Normative Factors  
Impacting Composting Behavior**

**Adrian Parenteau**, *Metropolitan State University*; Mark  
Stasson, *Metropolitan State University* (Mark Stasson, Faculty Sponsor)

**66 What makes a STEM major? Examining attitudes and strength-  
related features as predictors of pursuing a STEM education**

**Sally Willis**, *Ohio State University* (Vanessa Sawicki, Faculty Sponsor)

**67 When Racial Attitudes Take Flight: Attitudes Toward Airline  
Employees**

**Katie Sartori**, *University of Wisconsin- La Crosse* (Kevin Zabel, Faculty  
Sponsor)

**68 What's in a name? Gender identity and self-perceptions of birth and  
chosen names**

**Ness Hughes Carlson**, *Aurora University*; Emily Skiba, *Aurora  
University* (Rena Franiuk, Faculty Sponsor)

**69 Generational status and propensity for risk-taking behaviors: the  
mediating effects of relationship quality**

**Marcella-Alysia Argüello**, *Miami University*; Prit Patel, *Miami University*;  
Allison Farrell, *Miami University* (Allison Farrell, Faculty Sponsor)

**70 The impact of social exclusion on conspiracy belief formation and reality construction**

**Destinee Partain**, *Grand Valley State University* (Kristy Dean, Faculty Sponsor)

**71 The impact of COVID-19 on world assumptions: Weighing the importance of resilience, spiritual well-being, affect, and psychological needs**

**Ronald David Sandoval Suñé**, *Andrews University* (Harvey Burnett, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**72 The Role of Disability Type in Self-Identity**

**Leah Gilbertson**, *Central College* (Randall Renstrom, Faculty Sponsor)

Research suggests people with “invisible” disabilities (vs. non-concealable “visible” disabilities) have lower feelings of self-worth and often grapple with the burden of having to “prove” their disability to others. This study investigates the role of self-concept clarity as a mediator between disability type (invisible vs. visible) and feelings of self-worth.

**73 Predictors of extreme anxiety in the United States: Analysis of balanced and imbalanced data**

**Moe Toyoda**, *Southeast Missouri State University* (Emmanuel Thompson, Guiling Shawn, Seidu Sofo, Faculty Sponsor)

**74 Are child-centric parents happier spending on their children than themselves?**

**Haley Allenspach**, *William Rainey Harper College*; **Ansley Hirth**, *Elmhurst University*; **Andrea Aldrete**, *Elmhurst University*; **Leah Fallon**, *Elmhurst University* (Elizabeth A. Majka, Faculty Sponsor)

**75 Exploring the effects of cultural variables in the Hispanic community and its effects on seeking mental health care**

**Ashley Benito Lezameta**, *Marquette University*; **Sylvia Pena**, *Marquette University*; **Erick Herrera Hernandez**, *Marquette University* (Dr. Sylvia Peña, Erick Herrera Hernández, Faculty Sponsor)

**76 Emotion regulation in the context of racial discrimination**



**Trinity Barnes**, *Indiana University Bloomington* (Dorainne Green, Faculty Sponsor)

**77 Humiliation and social support: Influences on social anxiety levels**  
**Avery Machuk**, *Oakland University*; Natalie Safo, *Oakland University*;  
Kanako Taku, *Oakland University* (Kanako Taku, Faculty Sponsor)

**78 Gender-based heuristics in decision making**  
**Piper Clark**, *The Ohio State University* (Amy B. Brunell, Melissa T. Buelow, Faculty Sponsor)

**79 Men of honor: retaliatory aggression by White and Black men**  
**Keira Salt**, *Butler University*; Conor J. O'Dea, *Butler University* (Conor O'Dea, Faculty Sponsor)

**80 Not in my community: Bisexual prejudice confrontation by gay individuals**  
**Piper Brown**, *Butler University*; Fiona Shyne, *Union College*; Conor J. O'Dea, *Butler University* (Conor O'Dea, Faculty Sponsor)

**81 Assessing individuals' pornography usage in relation to qualitative behaviors and sexual script**  
**Meliyah Anderson-Tryon**, *The College of St. Scholastica*; Brenda Frye, *Texas A & M Chorpus Christie* (Brenda Frye, Faculty Sponsor)

**82 Let's Talk: Potential Interpersonal Closeness Mitigation for Loneliness in Older Adults**  
**Elizabeth Goff**, *Augsburg University*; Ben Denking, *Augsburg University* (Ben Denking, Faculty Sponsor)

**83 Influence of fear of crime & contact initiation on satisfaction with police**  
**Caitlyne Mar**, *Cornell College* (Christopher Hagan, Faculty Sponsor)

**84 Majority perceptions of the minority: Cisgender perceptions of transprejudice**  
**Jadyn Mortenson**, *Simpson College* (Sal Meyers, Faculty Sponsor)



## Psi Chi Posters VII - Health, Positive, Social

Thursday, April 18 | 2:30 PM-3:20 PM

Upper Exhibit Hall

### **1 The implications of dietary changes and resource availability on psychological well-being: A study of international college students in the rural midwest**

**Riley Lanning**, *Hastings College* (Nicole Muszynski, Faculty Sponsor)

### **2 Food insecurity among college students: Implications for wellbeing**

**Ashley Lenarz**, *Winona State University*; **Amelie Pflamming**, *Winona State University*; **Erin Farina**, *Winona State University*; **Catherine McBride**, *Winona State University* (Trisha Karr, Aurea Osgood, Faculty Sponsor)

### **3 Physical activity frequency and sustained attention**

**Zoe Webb**, *Ashland University* (Christopher Chartier, Faculty Sponsor)

### **4 Help me cope with chronic pain: The effectiveness of personalized pain scales for physical therapy patients**

**Hannah Neukom**, *Hillsdale College*; **Kari McArthur**, *Hillsdale College* (Kari McArthur, Faculty Sponsor)

### **5 The working mechanisms of nocebo education: A replication study**

**Kim Görner**, *University of Toledo*; **Emily Spotts**, *The University of Toledo*; **Ananya Chatterjee**, *University of Toledo*; **Andrew L. Geers**, *University of Toledo* (Andrew L. Geers, Faculty Sponsor)

### **6 The Correlation Between Autonomy and Social Support in Athletic Passion and Burnout**

**Johanna Craig**, *College of St Scholastica*; **Nicole Nowak**, *College of St. Scholastica* (Nicole Nowak, Faculty Sponsor)

### **7 Assessing if nocebo education changes actual information seeking and avoiding behavior**

**Ananya Chatterjee**, *University of Toledo*; **Kim Görner**, *University of Toledo*; **Emily Spotts**, *The University of Toledo*; **Andrew L. Geers**, *University of Toledo* (Andrew Geers, Faculty Sponsor)

### **8 Lose your religion, lose your health? The effect of religious**

**disaffiliation on health in South Asian American adults**

**Anna Bosinger**, *Hope College*; Dezaraya Fields, *Hope College*; Brooke Seymour, *Hope College*; Madison Zeitunian, *Hope College* (Alyssa Cheadle, Robert Henry , Faculty Sponsor)

**9 The effects of negative body talk on perceived functions of exercise and body image constructs**

**Kaetlin Marsh**, *University of North Texas* (David Cicero, Faculty Sponsor)

**10 Recovery from a Severe Injury on an Athletes Perception of a Successful Return to Competition**

**Kwonzi Woodley**, *Nebraska Wesleyan University* (Rachel Hayes , Faculty Sponsor)

**11 Exploring the impacts of environmental structural racism on Black women's birth outcomes.**

**Elisa Wyke**, *University of Chicago*; Laura McGuinn, *University of Chicago*; Kimberley Mbayiwa, *University of Chicago*; Sarah Walton, *University of Chicago*; Ilaria Tare, *University of Chicago*; Lara Akande, *University of Chicago* (Kathryn Keenan, Faculty Sponsor)

**12 Psychosocial factors related to sleep quantity and quality in undergraduate transitional periods**

**Delani Miller**, *Rockhurst University*; Christina Peters, *Rockhurst University*; Gwyn Arnold, *Rockhurst University* (Marissa Roffler , Faculty Sponsor)

**13 The role of melanin-concentrating hormone in hedonic feeding in male rats**

**Ella Konrad**, *University of Missouri - Columbia* (Matthew Will, Faculty Sponsor)

**14 Identity and Self-Concept in Sports: A Comparison of Sexes**

**Isaiah Adams**, *Buena Vista University*; Emanuel Alaniz, *Buena Vista University*; Lea Pederson, *Buena Vista University*; Melinda Graham-Hinners, *Buena Vista University* (Melinda Graham-Hinners, Faculty Sponsor)

**15 Anxiety sensitivity relates to alcohol-induced blackouts via drinking motives**

**Abigail Meikle**, *Miami University*; Rachel Geyer, *Miami University*; Rose Marie Ward, *University of Cincinnati* (Rose Marie Ward , Faculty Sponsor)

**16 Social Physique Anxiety in Athletes and Non-Athletes**

**Hannah Bohm**, *Buena Vista University*; Martha Pace, *Buena Vista University*; David Crow, *Buena Vista University*; Chelsea Karangwa, *Buena Vista University*; Madisen Betcher, *Buena Vista University*; Melinda Graham-Hinners, *Buena Vista University* (Melinda Graham-Hinners, Faculty Sponsor)

**17 Examining Nutrition and Physical Health among Dementia and Nondementia Caregivers (WITHDRAWN)**

**Tanner Edmonds**, *University of Wisconsin Green Bay* (Dr. Abigail Bailey-Nehrkorn, Faculty Sponsor)

**18 Relationship of fruit and vegetable intake to mental health among dementia and nondementia caregivers.**

**Alissondra Quatsoe**, *University of Wisconsin, Green Bay* (Abigail Nehrkorn-Bailey, Faculty Sponsor)

**19 Stress from under the skin, into the home: Prenatal stress and cognitive stimulation (WITHDRAWN)**

**Mikayla Lindsey**, *Northwestern University*; Matthew Pellerite, *Northshore Hospital*; Janedellie Romero, *NorthShore Hospital*; Victoria Tan, *NorthShore - Edward-Elmhurst Health*; Greg Miller, *Northwestern University*; Adriana Weisleder, *Northwestern University* (Adriana Weisleder, Greg Miller, Faculty Sponsor)

**20 The role of cognitive anxiety in nightly sleep duration**

**Taryn Guthrie**, *Iowa State University*; Nicole Trout, *Iowa State University*; Caroline Strauel, *Iowa State University*; Zlatan Krizan, *Iowa State University* (Zlatan Krizan, Faculty Sponsor)

**21 Choose Your Own Adventure (2nd ed.): Exploring psychological correlates to sexual health**

**Zoe Sweaney**, *Lindenwood University* (Stephanie Afful, Faculty Sponsor)

**22 Food Insecurity and Infant Mortality rates in Chicago neighborhoods**

**Ifeyinwa Allannah**, *Illinois Institute of Technology*; Lynn Kannout, *Illinois Institute of Technology* (Steff Du Bois, Faculty Sponsor)

**23 Effects of camera usage: Observing the impact of selfies on self-esteem**

**Maria Emmerich**, *Xavier University*; Desirae Edwards, *Xavier University*;

Janna Raeber, *Xavier University*; Morgan Meyer, *Xavier University* (Christian End, Faculty Sponsor)

**24 Gym-Rat or Average Joe? Exploring the Effects of Viewer/Influencer Body Type Comparison on Self-Esteem, Self-Efficacy, and Mental Health**

**James Rozhon**, *Lewis University*; Philip Blankenship, *Lewis University*; Aylin Rodriguez, *Lewis University*; Rebekkah Schimick, *Lewis University* (Philip Blankenship, Faculty Sponsor)

**25 Do different grading styles affect student stress level?**

**Erin Farmwald**, *Mnchester University*; Cameron Hovey, *Manchester University*; Elaina Halferty, *Manchester University* (Marcie Coulter-Kern, Faculty Sponsor)

**26 Shattered Ideals: Disordered Eating in Social Media's Glare**

**Mackenzie Richards**, *Southern Illinois University Edwardsville* (Margaret Polk, Faculty Sponsor)

**27 Purpose and Introspection as Predictors of Emotion Regulation Strategies**

**Sydney Goldstein**, *Washington University in St. Louis*; Patrick Hill, *Washington University in St. Louis* (Patrick L. Hill, Faculty Sponsor)

**28 Navigating Social Barriers to PrEP Uptake: A Study on Sexual Minority Adolescent Males**

**Samuel Gray**, *Purdue University*; Brendan Browns, *Purdue University*; Stewart Chang Alexander, *Purdue University*; Amos Buschkoetter, *Purdue University*; Mila Opacich, *Purdue University*; Christopher Owens, *Texas A&M University*; Randolph D. Hubach, *Purdue University* (Randolph Hubach, Faculty Sponsor)

**29 A New Generation's Issue: Fear of Missing Out**

**Katherine Baugher**, *Maryville University* (Peter Green, Faculty Sponsor)

**30 Dismantling applied muscle tension: A pilot study**

**Sydney Barna**, *The Ohio State University*; Myla Yang, *The Ohio State University*; Jennifer Kowalsky, *The Ohio State University at Newark*; Molly Rudduck, *The Ohio State University at Newark* (Jennifer M Kowalsky, Faculty Sponsor)

**31 Psychological reactance, dimensions of vaccine hesitancy, and vaccine uptake behavior**

**Molly Rudduck**, *The Ohio State University at Newark*; Jennifer Kowalsky, *The Ohio State University at Newark* (Jennifer M. Kowalsky, Faculty Sponsor)

**32 Understanding the Role of Response Expectancy in Pelvic Pain during Sex**

**Camila Fontes**, *Illinois State University*; Kelly Clemens, *University of Toledo*; Joy Jeronimus, *Illinois State University* (Kelly Clemens, Faculty Sponsor)

**33 Impacts of sleep on athletic & cognitive performance**

**Jonah D. Isakson**, *Nebraska Wesleyan University* (Rachel Hayes, Faculty Sponsor)

**34 Homesickness in college students: Who does it affect and how do they cope?**

**Luiz Alcantara**, *Washburn University* (Angela Duncan, Faculty Sponsor)

**35 Loneliness as a predictor for problematic social media use associated with sleep disruption**

**Kaylee Mercer**, *Bowling Green State University*; Daniel Maitland, *Bowling Green State University*; Jari Willing, *Bowling Green State University* (Daniel Maitland, Jari Willing, Faculty Sponsor)

**36 Religious coping and depressive symptoms: The moderating role of COVID-19 for Black emerging adult women**

**Ella Peterson**, *College of Wooster*; Meredith Hope, *College of Wooster*; Julia Ross, *North Carolina State University*; Abbey Collins, *North Carolina State University*; Vanessa Volpe, *North Carolina State University* (Meredith Hope, Faculty Sponsor)

**37 Student Athlete Experiences with Sport Enjoyment, Perceived Stress, and Depression**

**Hannah E. Lytle**, *Nebraska Wesleyan University* (Dr. Rachel Hayes, Faculty Sponsor)

**38 Influence of nature contact on stress levels and happiness**

**Michael Wang**, *Beacon College* (AJ Marsden, Faculty Sponsor)

**39 Psychological aspects of adolescent acne vulgaris**

**Grace Knadler**, *Maryville University* (Julia D Grant, Faculty Sponsor)

**40 The effects of ASMR videos on state anxiety and self-efficacy**

**Bethany Abrams**, *Augustana College* (Daniel Corts, Faculty Sponsor)

**41 Effect of positive empathy intervention on empathy and mood among college students**

**Han Lam Do**, *Denison University* (Dr. Erin Henshaw, Faculty Sponsor)

**42 The effects of a single-session stress management workshop on undergraduate well-being: A pilot study**

**Mary Gregg**, *Rockhurst University*; Gwyn Arnold, *Rockhurst University*; Natalie Anderson, *Rockhurst University*; Jennifer Oliver, *Rockhurst University* (Marissa Roffler, Faculty Sponsor)

**43 Can resiliency lead to forgiveness? A model of resiliency, emotion regulation, and forgiveness**

**Mackenzie Jones**, *Coe College*; Jessica Martinez Jimenez, *Coe College*; Ankita Kandel, *Coe College*; Vanessa Castillo, *Coe College* (Vanessa A. Castillo, Faculty Sponsor)

**44 Content analysis of intersectionality and resilience on RuPaul's Drag Race**

**Samantha Geni**, *Loyola University Chicago*; Rylee Abaya, *Loyola University Chicago*; Kaylah Denis, *Loyola University Chicago*; Hisham Nsier, *Loyola University Chicago*; Andrea Kanuika, *Tulane University*; Sarah Job, *University of Central Florida* (Dr. Byron Brooks, Faculty Sponsor)

**45 True fun v. fake fun in a university setting**

**Hannah Thomson**, *Manchester University* (Kelsey-Jo Kessie, Faculty Sponsor)

**46 Catch Your Breath; The impact of Mindfulness Breathing on Test Anxiety in College Students**

**Isaac Roehrig**, *University of Wisconsin - River Falls*; Samantha

Sharon, *University of Wisconsin - River Falls*; Sydney Schultz, *University of Wisconsin - River Falls*; Samantha Aanerud, *University of Wisconsin - River Falls* (Todd Wilkinson, Faculty Sponsor)

**47 The mediating role of self-esteem in predicting happiness from body positivity**

**Chloe Xu**, *Illinois Wesleyan University*; Marie Nebel-Schwalm, *Illinois Wesleyan University* (Marie Nebel-Schwalm, Faculty Sponsor)

**48 Comparing religious-based and secular coping mechanisms among young adults: Associations with locus-of-control perspectives and post-traumatic growth.**

**Nora Nunez**, *North Park University* (Amy Governale, Faculty Sponsor)

**49 Validation of the Santa Clara Brief Compassion Scale among Sexual Minority Adults**

**Rachel Kolb**, *Loyola University Chicago*; Hisham Nsier, *Loyola University Chicago*; Kaylah Denis, *Loyola University Chicago*; Andrea Kanuika, *Tulane University*; Byron Brooks, *Loyola University Chicago* (Byron Brooks, Faculty Sponsor)

**50 Perceptions of Extrinsic IER Consequences for Positive and Negative Scenarios**

**Samantha Daniels**, *The Ohio State University*; Ally Heiland, *The Ohio State University* (Jennifer S. Cheavens, Faculty Sponsor)

**51 Pessimism and virtuous hope: Can they coexist?**

Allison Prindle, *Hope College*; Katherine Yakes, *Hope College*; **Alexa Burgess**, *Hope College*; Jaedon Vandezande, *Hope College* (Kendra Thomas, Faculty Sponsor)

**52 Mindfulness and Prosocial Behavior: A Study of the Light Triad of Personality Traits**

**Jake Goedert**, *Northeastern Illinois University* (Dr. Christopher Merchant , Faculty Sponsor)

**53 Self-regulation self-reports and physiology: Testing links to college students' well-being**

**Ana Wong**, *Hope College*; Jessica Estabrook, *Hope College*; Joseph Gillengerten, *Hope College*; Wyatt Collier, *Hope College*; Tyler



Kennedy, *Hope College*; Jacob Bergstrom, *Hope College*; Nhi Hoang, *Hope College*; Parker Friend, *Hope College*; Alexander Mathew, *Hope College*; Kendahl Miller, *Hope College*; Grace Sarafa, *Hope College*; Charis Snyder, *Hope College* (Charlotte Witvliet, Lindsey Root Luna, Andrew Gall, Faculty Sponsor)

**54 Effects of LGBTQ+ bias on judgement of appropriateness**

**Anna Haas**, *Southern Illinois University Edwardsville*; Mitsuru Shimizu, *Southern Illinois University Edwardsville* (Mitsuru Shimizu , Faculty Sponsor)

**55 Understanding Relationship Dynamics and Stereotypes in Bisexual/Pansexual Women**

**Mackenzie Vaughn**, *The Ohio State University*; Amelia Lewis, *The Ohio State University* (Elizabeth M Weiss, Faculty Sponsor)

**56 The effect of expressing aggression on meaning and wellbeing**

**James Long**, *University of Missouri*; Megan Edwards, *University of Missouri, Columbia*; Laura King, *University of Missouri, Columbia* (Laura King, Faculty Sponsor)

**57 Examining male rape myths in sexual assault survivor forums**

**Madi Atkinson**, *Loras College* (Lindsey Bartgis, Faculty Sponsor)

**58 Paws and reflect: Pet ownership's correlation with empathic abilities**

**Maddie Fischer**, *UW-Green Bay*; Makenna Bisch, *University of Wisconsin - Green Bay* (Alison Jane Martingano, Faculty Sponsor)

**59 Be careful what you type: Impression formation over electronic mail**

**Mackenzie Vaughn**, *The Ohio State University*; Piper Clark, *The Ohio State University* (Bradley M. Okdie, Faculty Sponsor)

**60 Correlations between religious beliefs and beliefs about the gender binary**

**Ash Weinschrott**, *Saint Mary's College*; Marjorie Schaeffer, *Saint Mary's College*; Andrea O'Rear, *Saint Mary's College* (Marjorie Schaeffer, Andrea O'rear, Faculty Sponsor)

**61 Heat games: How temperature affects performance metrics in professional football**

**Katie Keil**, *Northwestern University* (H. David Smith, Faculty Sponsor)

**62 Empathic Giving Patterns: A Study on Political and Religious Exclusions**

**Colton Anderson**, *University of Wisconsin - Green Bay*; Ethan Wondrash, *University of Wisconsin - Green Bay* (Alison Jane Martingano, Faculty Sponsor)

**63 "Your professor said what?!": Perceptions of Humor in the Classroom**

**Grace Loya**, *Washburn University*; Tucker Jones, *Washburn University* (Tucker Jones, Faculty Sponsor)

**64 Timeout: The influence of coach's timeouts on game momentum in basketball**

**Jordan Eisen**, *Northwestern University*; H. David Smith, *Northwestern University*; Noah Smith, *Glenbrook South High School* (H. David Smith, Faculty Sponsor)

**65 How Do Mothers and Fathers Compare on Well-Being and Child-Centrism?**

**Ansley Hirth**, *Elmhurst University*; Andrea Aldrete, *Elmhurst University*; Haley Allenspach, *William Rainey Harper College*; Leah Fallon, *Elmhurst University* (Elizabeth A. Majka , Faculty Sponsor)

**66 Scaroused: Examining the effects of haunted house induced physiological arousal on romantic attraction.**

**Abigail Koloze-Morgado**, *Benedictine University*; Mary Kate O'Dell, *Benedictine University*; Mariam Ahmad, *Benedictine University*; Shifaa Yezdani, *Benedictine University*; Sarah Beyler, *Benedictine University*; Jan Libera, *Benedictine University*; James Davis, *Benedictine University* (James Davis, Faculty Sponsor)

**67 Implicit and Explicit Perceptions of Women in Sports**

**Katelynn Zucco**, *Lindenwood University* (Michiko Nohara-Leclair, Faculty Sponsor)

**68 Personality and agency in story perception**

**Victoria Richter**, *Carthage College* (Kateryna Sylaska, Faculty Sponsor)

**69 Can grit be activated in the short term?**

**Fariyal Khan**, *Elmhurst University*; Jessica Sim, *Elmhurst University* (Jessica J. Sim, Faculty Sponsor)

**70 Double Consciousness: Exploring the Influence of Assimilation and Acculturation to Western Culture on Arab American Identity**

**Sophia Mohsen**, *Southern Illinois University Edwardsville*; Rachel Bradley, *Southern Illinois University Edwardsville* (Dr. Rachel Bradley , Faculty Sponsor)

**71 Loneliness, sense of community, and subjective well-being: The moderating effect of age**

**Jonathan Hanold**, *DePaul University*; Hannah Samuels, *DePaul University*; Ansuk Jeong, *DePaul University* (Ansuk Jeong, Faculty Sponsor)

**72 Creative problem solving and its mechanisms may be enhanced by positive affective state.**

**Megan Krause**, *University of Notre Dame*; Kristin Sanders, *University of Notre Dame*; Jessica Payne, *University of Notre Dame* (Jessica D. Payne, Faculty Sponsor)

**73 Partner decisions of contraceptive usage and relationship quality**

**Mackenzie Lape**, *University of Findlay*; Jessica LaBuda, *University of Findlay* (Jessica LaBuda , Faculty Sponsor)

**74 The relationship between moral dumbfounding and purpose**

**Grace Thompson**, *Iowa State University*; Kevin Blankenship, *Iowa State University* (Kevin Blankenship, Faculty Sponsor)

**75 The effect of gender and extralegal factors on sexual assault investigations**

**Kit Denzler**, *Western Illinois University* (Kathy McGuire, Faculty Sponsor)

**76 An American/Philippine cross-cultural study of romantic attitudes**

**Aaron Villamayor**, *Truman State University*; Pranav Aryal, *Truman State University*; Reuel Joab Yap, *University of San Carlos*; Bryant Lehr, *Truman State University*; Mark Hatala, *Truman State University* (Mark Hatala, Faculty Sponsor)

**77 Associations of BPD and NPD with relationship quality and well-being**

**Jordan Haines**, *University of Findlay*; Jessica LaBuda, *University of Findlay* (Jessica LaBuda, Faculty Sponsor)

**78 Using the HEXACO-PI-R to study romantic relationships**

Pranav Aryal, *Truman State University*; Aaron Villamayor, *Truman State University*; Bryant Lehr, *Truman State University*; **Mark Hatala**, *Truman State University* (Mark Hatala, Faculty Sponsor)

**79 Instructor Comprehension of autism spectrum disorder (ASD)**

**Ashley Ramos**, *University of Kansas*; Mattie Antoszewski, *The University of Kansas*; Anna Pope, *University of Kansas* (Anna Pope, Faculty Sponsor)

**80 “I hate you, this is all your fault!”: Analyzing Theory of Blame in Relation to Status and Standards of Evidence**

**Nicholas Little**, *College of Dupage*; Het Gor, *College of Dupage*; Ahmed Amer, *College of DuPage*; Rachel Martin, *College of DuPage*; Amber Truby, *College of DuPage* (Or’Shaundra Benson, Ken Gray, Maureen Gray, Faculty Sponsor)

**81 The effects of scent on memory recall in virtual reality**

Nadira Hajro, *Boise State University*; Sophie Lybarger, *Boise State University*; Phoebe Nadeau, *Boise State University* (Sydney Boutros, Faculty Advisor)

**82 Assessing the effects of glyphosate (Roundup) on hippocampus-dependent learning and immediate early gene expression**

Kaitlyn Carver, *Boise State University*; Alaina Barton, *Boise State University* (Sydney Boutros, Faculty Advisor)

**Affiliated Meeting of Psi Chi  
The International Honor Society for Psychology**

----- Friday, April 19, 2024 -----

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**Psi Chi Awards Presentation and Diversity Event**

Friday 8:30-10:20am

Red Lacquer


Moderators: Cosette Fox, Holy Cross College; Keely Cline, Northwest Missouri State University & Gabrielle Smith, Texas Woman's University

**8:30am Psi Chi Research Awards Presentation and Diversity Event**

Cosette Fox, Psi Chi Midwest VP; Marianne Fallon, Psi Chi Executive Director; Shawn Carlton, Psi Chi President & the Psi Chi Midwestern Steering Committee: Faculty: Keely Cline, Northwest Missouri State University; Marcie Coulter-Kern, Manchester University; Jason Runyan, Indiana Wesleyan University; Marjorie Schaffer, Saint Mary's College; Students: Alexandra Buchlmayer, Holy Cross College; Kay Bourke, University of Illinois Chicago; Psi Chi Diversity Advisory Council (DAC) member: Gabrielle Smith, Texas Woman's University.

All Psi Chi students and faculty advisors are invited to come and enjoy breakfast and coffee at 8:30am and to recognize the achievements of our student researchers. Awards will be presented at 8:45am followed by a fun event for all at 9:20am, that promotes diversity in psychology and includes a drawing for prizes.

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## Psi Chi Keynote Address and Conversation Hour

### Leveraging multi-sector partnerships to disseminate single-session interventions for youth mental health

Jessica Schleider  
Northwestern University

Fri. 10:30AM – 12:20 PM

Red Lacquer

Across the globe, adolescents' access to mental health care is alarmingly low. Up to 80% of youth with mental health needs go without services each year. Single-session interventions (SSIs) are well-positioned to rapidly increase access to evidence-based supports at precise moments of need, both within and beyond formal health care systems. SSIs mitigate key treatment access-barriers: many are self-guided (requiring no therapist) or deliverable by non-professionals; web-based (completable from any location); and 5-60 minutes in length, eliminating premature treatment dropout. SSIs are also effective. To date, >70 randomized trials have shown their capacity to reduce mental health problems and increase uptake of further treatment. In this talk, I will overview the latest work from my research team, the Lab for Scalable Mental Health, to realize SSIs' promise to bridge gaps in mental health ecosystems. In particular, I will highlight our work leveraging implementation and dissemination science and multi-sector partnerships (e.g. with government, industry, and nonprofit agencies) to advance sustainable SSI access to teens worldwide.

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## PSI CHI SYMPOSIUMS

### Psi Chi Symposium VIII

Friday, April 19 | 1:00 PM-1:50 PM

Salon 9

**1:00 PM Research with Psi Chi: Support, Grants, Awards, and Publishing, Oh My!**

**Lindsey M. Root Luna**, *Hope College*; **Nhi Hoang**, *Hope College*

Psi Chi has a variety of ways to support you and acknowledge your contributions as undergraduate students, graduate students, and faculty members. Come to learn about the ways that Psi Chi can facilitate your research agenda, recognize excellence in your chapter, celebrate your work as a faculty member, and more.

## Psi Chi Symposium IX

Friday, April 19 | 2:00 PM-2:50 PM

Salon 9

### **2:00 PM Developing Leadership Capacity**

**Marianne Fallon**, *Psi Chi, the International Honor Society in Psychology*

In any role, you can develop skills that increase leadership capacity. In this workshop, I will highlight learnable skills that can help you become a more effective leader in your current role and the role to which you aspire. This session can benefit anyone who wants to develop their leadership.



## Data Blitz II

Friday, April 19 | 1:00 PM-1:50 PM

**Moderator:** Alissa Russell (Saint Mary's College)

Salon 2

### **1:00 PM Boys become men: Understanding expectations for boys' aggression toward bullies**

**Alexandria Archer**, *Butler University*; **Conor J. O'Dea**, *Butler University*; **Samantha Rapp**, *Skidmore College*; **Tucker Jones**, *Washburn University*; **Donald Saucier**, *Kansas State University*

We will measure honor ideology, manipulate the age of a male child, and examine perceptions of aggressive responses to bullies. We predict that adults will encourage aggressive responses at all ages and expectations for them to use retaliatory violence will increase with age (especially by those higher in honor ideology).

### **1:08 PM Disordered eating tendencies and their impact on friendship dynamics**

**Abigale Hartwig**, *University of Wisconsin - La Crosse*

This study explored relationships between friendship quality and unhealthy eating habits. I hypothesize that high levels of interdependency predict higher levels of friendship quality while high levels of competitiveness predict lower levels of friendship quality among individuals with disordered eating. Results have implications for the therapeutic approaches for eating disorders

## **PSI CHI AWARD WINNER**

### **1:16 PM Fast-form media and its effect on attention span**

**Avery Stockwell**, *Manchester University*; Hannah Bailey, *Manchester University*

The use of apps such as TikTok, Instagram Reels, YouTube Shorts, and Snapchat Spotlight, has been on the rise among college students (Chen et al., 2022). Our study will examine fast-form media and its impact on attention span, and we will send our survey out to university students.

### **1:24 PM Performance as a Function of Self-Talk and Introversion**

**Trey Wood**, *Central College*

College students performed a dart performance task while engaging in different types of self-talk. Performance was better with positive self-talk. Regression analyses revealed introversion was a negative predictor of performance while engaging in positive self-talk. However, introversion positively predicted performance in the negative self-talk condition.

### **1:32 PM #nofilterneeded: The motivations of those who do not edit their photos to post online**

**Piper Clark**, *The Ohio State University*; Mackenzie Vaughn, *The Ohio State University* (Bradley M. Okdie, Faculty Sponsor)

Participants indicated that they either edit or do not edit self photos to post online. We examine factors predicting photo editing and the motivations and consequences of editing self-photos to convey one's ideal self.

## **Data Blitz III**

Friday, April 19 | 2:00 PM-2:50 PM

**Moderator:** Marjorie Schaeffer (Saint Mary's College)

Salon 2

### **2:00 PM The Effects of Racial Socialization and Perspective Taking on Implicit and Explicit Bias**

**Alia Coleman**, *Bradley University*; Valerie San Juan, *Bradley University*

Does parental socialization have an impact on explicit and implicit bias? If it does can we counteract this by utilizing perspective taking and theory of mind? This study analyzes whether people who have been racially socialized have an easier time with perspective taking and combating implicit/explicit bias.



**2:08 PM Euphemisms and empathy: Do euphemisms for people with disabilities affect how we feel about them?**

*Amanda M. Cox, Northeastern Illinois University*

In an empirical study evaluating euphemisms for the disabled population and their connection to empathy and helping behavior, we found that participants had more empathy for and were more likely to help people described as having “special needs” or being “handicapped” compared to people for which disability was not mentioned.

**2:16 PM Observed puberty and social function in middle childhood**

*Ava Larson, Saint Louis University; Lydia Mulugeta, Saint Louis University; Pranavi Athota, Saint Louis University*

Youth social experiences may be an important mechanism underlying the relationship between early pubertal onset and poor mental health outcomes. Thus, this prospective longitudinal study uses observed puberty ratings and parental ratings of peer rejection and youth prosociality to explore the relationship between pubertal development and social functioning in childhood.

**2:24 PM Link Between Relationship Satisfaction and Life Priorities**

*Amal Sharafkhodjaeva, Minnesota State University, Mankato; Rohit Paruchuri, Minnesota State University, Mankato*

This study explores the connection between relationship satisfaction and the prioritization of life goals. Examining individuals' rankings across 7 domains and utilizing the Couples Satisfaction Index for paired participants, we anticipate that alignment in life goals will positively influence relationship satisfaction, predicting higher levels among partners with similar rankings.

**2:32 PM El Éxito en la Vida no se Mide por lo que Logras, sino por los Obstáculos que Superas: Examining the Effects of Imposter Syndrome and Social Support on Mental Health Based on Students Generational Status**

*Stephany Miranda, The College of Wooster*

This study explored how social support and imposter syndrome affect college students' mental health outcomes. Results indicated that race moderated the association between social support and anxiety. Furthermore an interaction effect was significant only for POC students, such that higher levels of social support predicted lower levels of anxiety symptoms.

**2:40 PM The effect of different timing schedules on learning in**

## **individuals with and without ADHD**

**Chloe Swanson**, *Hope College*; Carmen Casper, *Hope College*; Ethan De Koker, *Hope College*; Lauren Tocco, *Hope College*

Research suggests that individuals with symptoms of ADHD have difficulty encoding and retaining information (Skodzik, 2017). To address these difficulties, we investigate the best learning schedule for individuals with ADHD symptoms. Specifically, we compare a novel learning schedule called “clustering” to the more traditional spaced and massed learning schedules.

## **2:48 PM Systematic analysis of undergraduate graph reading errors and effects of a decoding the disciplines intervention**

**Conner Bousson**, *Carthage College*; Leslie Cameron, *Carthage College*

We analyzed undergraduates unclear and incorrect interpretations of graphical data to determine where students most frequently went astray. We also used a pre-post intervention study to test the effects of a Decoding the Disciplines intervention, in which instructors made their implicit cognitive processes on a graph reading task explicit to students.

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## **PSI CHI POSTERS**

### **Psi Chi Posters VIII – Social**

Friday, April 19 | 1:00 PM-1:50 PM

Upper Exhibit Hall

#### **1 Understanding the Interplay of Communication, Psychological Distress, and Relationship Adjustment in Military Couples During Reintegration**

**Davion Silkett**, *University of Missouri-Columbia* (Kale Monk, Faculty Sponsor)

#### **2 The impact of race on willingness to punish and punishment severity**

**Madison Rouse**, *University of Wisconsin-Platteville* (Jenna Zucker, Faculty Sponsor)

#### **3 Evaluating the Effects of Disability on Preferred Proximity**

**Mia McMahon**, *Eastern Michigan University* (Rusty McIntyre, Faculty Sponsor)

#### **4 Sport fan preferences**

**Callie Hart**, *Murray State University*; Daniel Wann, *Murray State University* (Daniel Wann , Faculty Sponsor)

#### **5 Climate change threat and authoritarianism: Evaluating the mediating role of psychological need satisfaction**

**Allison Loomis**, *Iowa State University*; Nicole Hayes, *Worcester Polytechnic Institute*; Craig Anderson, *Iowa State University* (Craig A. Anderson, Faculty Sponsor)

#### **6 Sentencing offenders in the criminal justice system**

**Katlyn Guthrie**, *Lindenwood University* (Michiko Nohara-LeClair, Faculty Sponsor)

#### **7 Do Individual Differences Moderate the Impact of Treatment Choice Mediators?**

**Legend Coleman**, *University of Toledo*; Sydney Mockensturm, *The University of Toledo*; Emily Spotts, *University of Toledo*; Andrew L. Geers, *University of Toledo* (Andrew Geers, Jason Rose, Faculty Sponsor)

#### **8 The Relationship Between Social Media Use and Empathy: A Meta-Analysis**

**Lizeth Castro-Bautista**, *University of Wisconsin- Green Bay* (Alison Jane Martingano, Faculty Sponsor)

#### **9 White Nonsense**

**Mary Kate O'Dell**, *Benedictine University*; Mariam Ahmad, *Benedictine University*; Abigail Koloze-Morgado, *Benedictine University*; Shifaa Yezdani, *Benedictine University*; James Davis, *Benedictine University* (James Davis, Faculty Sponsor)

#### **10 Dress for Success? Examining the effects of women's attire and ethnicity on perceptions of workplace competence**

**Mariam Ahmad**, *Benedictine University*; Abigail Koloze-Morgado, *Benedictine University*; Mary Kate O'Dell, *Benedictine University*; Shifaa Yezdani, *Benedictine University*; James Davis, *Benedictine University* (James Davis, Faculty Sponsor)

#### **11 Early life stressors influence on social interactions**

**Nicole Kudlacz**, *Elmhurst University*; Patrick Underwood, *Elmhurst University* (Dr. Patrick Nebl, Faculty Sponsor)

**12 The interplay of trait mindfulness and emotion regulation strategies in predicting self-regulation**

**Sophia Watt**, *Indiana University Bloomington*; Neelamberi Klein, *Indiana University Bloomington* (Dorainne Green, Neelamberi Klein, Faculty Sponsor)

**13 Implications of active and passive listening on understanding and emotional empathy.**

**Alissondra Quatsoe**, *University of Wisconsin, Green Bay*; Alison Jane Martingano, *University of Wisconsin - Green Bay* (Alison Jane Martingano, Faculty Sponsor)

**14 Gender bias and maternal educational levels in perceptions of multiple intelligences**

**Abigail Pechman**, *Wisconsin Lutheran College* (Wendy Close, Faculty Sponsor)

**15 ¡Hola! Have we met before? Cultural influences on flirting styles**

**Alejandro Trejo**, *Northeastern Illinois University* (Maureen Erber, Faculty Sponsor)

**16 Crowd forming observations at**

**Kyla Richardson**, *Michigan Technological University* (Shane Mueller, Faculty Sponsor)

**17 Bullying and its effects on self-esteem, interpersonal self-efficacy, and self-confidence**

**Haley Siwy**, *Wisconsin Lutheran College* (Wendy Close, Faculty Sponsor)

**18 Sense of Belonging and Extracurricular Activities**

**Amanda Williamson**, *University of Tennessee at Martin* (Natasha Varnick, Faculty Sponsor)

**19 Analyzing dynamic gender stereotypes using historical language corpora**

**Nela Riddle**, *Indiana University Bloomington*; Quang-Anh Tran, *Indiana University Bloomington*; Amanda Diekman, *Indiana University* (Amanda Diekman, Faculty Sponsor)

**20 Punching down versus measuring up: Examining men's motivations to mansplain**

**Norah Schloneger**, *Butler University*; **Conor J. O'Dea**, *Butler University* (Conor J. O'Dea, Faculty Sponsor)

**21 Look at What I Did: Personality, Narcissism, and Online Sharing**  
**Treva Bellomo**, *University of St. Thomas*; **Olivia Kramer**, *University of St. Thomas*; **Elie Engel**, *University of St. Thomas* (Gregory Robinson-Riegler , Faculty Sponsor)

**22 Attachment Styles, The Big Five Personality Traits, and Parasocial Relationships**

**Lily Jakel**, *Maryville University* (Dustin Nadler, Faculty Sponsor)

**23 Moral Disengagement as a Mediator Between Aggression and Violent Video Games**

**Riley Ruud**, *Saint Mary's University of Minnesota* (Molly O'Connor , Faculty Sponsor)

**24 The Effect of Juror Age and Gender on Verdicts in Police Use of Force Trials**

**Caroline Bowen**, *Southeast Missouri State University*; **Kendelle Dixon**, *southeast missouri state university*; **Chasity Ratliff**, *Southeast Missouri State University* (Dr. Chasity Ratliff, Faculty Sponsor)

**25 The role of orientation programs in shaping first-year students' psychological sense of place.**

**Tatum Severson**, *The College of St. Scholastica*; **Karen Petersen**, *The College of St. Scholastica*; **Shawn Olewski**, *The College of St. Scholastica*; **Nicole Nowak**, *College of St. Scholastica* (Nicole Nowak, Karen Petersen, Faculty Sponsor)

**26 Prevalence of Psychological Distress and Coping Related to COVID-19 Era**

**Jordan Mckenzie**, *Columbia College*; **Jorda'n Mckenzie**, *Columbia College* (Dr Gretchen Hendrickson, Faculty Sponsor)

**27 Jury Justifications in Police Fatal Use of Force Cases**

**Maddy Stirmell**, *Southeast Missouri State University*; **Danielle Thomas**, *Southeast Missouri State University*; **Sydney Provo**, *Southeast*

*Missouri State University*; Chasity Ratliff, *Southeast Missouri State University* (Dr. Chasity Ratliff, Faculty Sponsor)

**28 Internalized Racism and Racial Color Blindness Ideology Among Asian American College Students**

**Spark Lim**, *University of Wisconsin-La Crosse*; Katy Kortenkamp, *University of Wisconsin - La Crosse* (Dr. Katherine Kortenkamp, Faculty Sponsor)

**29 Gender, Aggression, and Social Media**

**Lily Whitehair**, *Otterbein University* (Michele Acker, Faculty Sponsor)

**30 Gender and comfort as predictors of responses to sensitive topics**

**Emily Hubbard**, *Ball State University* (George Gaither, Faculty Sponsor)

**31 Adversity in Childhood Experiences of Bi+ Women**

**Amelia Lewis**, *The Ohio State University*; Elizabeth Weiss, *The Ohio State University*; Mackenzie Vaughn, *The Ohio State University* (Elizabeth M Weiss, Faculty Sponsor)

**32 Same behavior, different diagnosis: Examining the role of social group membership on mental health professionals' perceptions of client symptoms**

**Max Peterson**, *Hood College*; Katy Svitak, *Hood College* (Jessica McManus, Faculty Sponsor)

**33 Differential Encoding and Retrieval for Ethnic Ingroup and Outgroup Members**

**Sydney Bailey**, *University of Kentucky*; Jessica Bray, *University of Kentucky*; Angel Armenta, *University of Kentucky*; Michael Zarate, *University of Texas at El Paso* (Jessica Bray, Faculty Sponsor)

**34 Self-esteem and Tendency to Sabotage Romantic Relationships**

**Jess Feezor**, *Murray State University*; Megan St Peters, *Murray State University* (Dr. St. Peters, Faculty Sponsor)

**35 Under the Anxious Spotlight: Exploring Moral Self-Licensing in the Shadow of Anxiety**

**Camden Caswell**, *University of Wisconsin - Green Bay*; Rene

Houston, *University of Wisconsin - Green Bay*; Jason Cowell, *University of Wisconsin- Green Bay* (Jason Cowell, Faculty Sponsor)

**36 “Do you even lift bro?”: The difference in narcissism and selfie-taking between weightlifters and non-weightlifting exercisers**

**Jamal Madison**, *Oakland University*; Avery Machuk, *Oakland University*; Paxton Hicks, *Oakland University*; Kanako Taku, *Oakland University* (Kanako Taku, Faculty Sponsor)

**37 A Comparison of Benign and Malicious Envy Accross Unique Social Media Sites (Instagram and TikTok).**

**Max Machon**, *The University of Toledo*; Samuel Oswald, *The University of Toledo*; Jason Rose, *University of Toledo* (Jason P. Rose, Faculty Sponsor)

**38 Environmental influence on attitude formation toward critical race theory**

**Anna de Garcia**, *Maryville University*; Lauren Pickett, *Maryville University in St. Louis*; Elaina Lunyou, *Maryville University*; Kylie Phinney, *Maryville University*; Mollie Morfeld, *Maryville University* (Dustin R. Nadler, Faculty Sponsor)

**39 Relationship between hiring discrimination, education, perceived race, trust, redeemability, and empathy**

**Kylie Phinney**, *Maryville University*; Anna de Garcia, *Maryville University*; Ema Voksic, *Maryville University of St. Louis*; Kelsey Geislinger, *Maryville University*; Elaina Lunyou, *Maryville University*; Lilly Konkle, *Maryville University* (Dustin R. Nadler, Faculty Sponsor)

**40 Happiness and moral evaluations of Psychopaths**

**Charithasri Doddapaneni**, *University of Missouri Columbia*; Hope Rose, *University of Missouri*; Laura King, *University of Missouri, Columbia* (Laura King, Faculty Sponsor)

**41 Predicting academic motivation**

**Ema Voksic**, *Maryville University of St. Louis* (Peter Green, Faculty Sponsor)

**42 Perceptions of Parenthood and Marriage**

**Anna Burk**, *Rockhurst University*; Avery Palmer, *Rockhurst University*;

Lauren Hawthorne, *Rockhurst University* (Lauren Hawthorne, Faculty Sponsor)

#### **43 Perceptions of Parenting Styles on Emotion**

Alivia Hyland, *Xavier University*; **Nadia Stuart**, *Xavier University* (Dr. End, Faculty Sponsor)

#### **44 ‘Do I Belong?’ Exploring Identity Threat in Undergraduate Science Experiences**

**Kamari Jones**, *Drake University*; Lydia Grimsbo, *Drake University*; Tina Nguyen, *Drake University*; Alyssa Enderton, *Drake University*; Jill Allen, *Drake University* (Jill Allen, Faculty Sponsor)

#### **45 Exploring student experience of accessing supplementary instruction support**

**Lindsey Back**, *University of Illinois Chicago*; Lakshita Malik, *University of Illinois at Chicago*; Darima Butitova, *University of Illinois Chicago*; Jessica Wrona, *University of Illinois at Chicago* (Lindsey Back, Faculty Sponsor)

#### **46 Forgiving romantic partners: the role of the Big 5 personality factors in forgiveness after infidelity**

**Jillian Watson**, *Northeastern Illinois University* (Maureen Erber, Faculty Sponsor)

#### **47 Eternal rest: Extinguishing our fears about death**

**Emma Fury**, *Ohio State University*; Sophia Caceres, *Ohio State University*; Seth Dillard, *Ohio State University*; Genesis Medrano-hernandez, *Ohio State University*; Brandon Pisell, *Ohio State University* (Bryon Hines, Faculty Sponsor)

#### **48 The influence of family structure and disruption on the use of parents as a template for partner preferences**

**Grace Kozlowski**, *Hope College*; Kersten Dekker, *Hope College* (Carrie Bredow, Faculty Sponsor)

#### **49 Does Sound in Video Games Affect Anxiety and Enjoyment?**

**Diyorbek Yusupov**, *Iowa State University*; Somya Anand, *Iowa State University*; Caroline Colby, *Iowa State University*; Don Gill, *Iowa State University*; Muhammad Moazam Ijaz, *Iowa State University*; Dylan Kepley, *Iowa State University*; Joshua Sheeley, *Iowa State University*; Alena



Rogojina, *Iowa State University*; El-Lim Kim, *Iowa State University* (Douglas A. Gentile, Faculty Sponsor)

**50 Ready to ride: Using a virtual reality rollercoaster to explore misattribution of arousal.**

**Bailey Dunaski**, *The College of St. Scholastica*; Alyssa Neveau, *The College of St. Scholastica*; Lydia Jacobson, *The College of St. Scholastica*; Candace Wasner, *The College of St. Scholastica* (Anna M. Semanko, Faculty Sponsor)

**51 The effects of athletics on students' social lives**

**Madalynn Mercer**, *Manchester University*; Penelope Eash, *Manchester University* (Marcie Coulter-Kern, Faculty Sponsor)

**52 Barbie Land v.s. Real World; impostor syndrome as a consequence of misogyny.**

**Kendall Rossignol**, *Millikin University*; Kelsey Jacobs, *Millikin University*; Victoria Villagomez, *Millikin University*; Beau Gabbert, *Millikin University* (Linda Collinsworth, Faculty Sponsor)

**53 How does mood differ between students that participate in collegiate sports and students that do not?**

**Chloe Patton**, *Manchester University*; Alexia Goodman, *Manchester University*; Rylee Stephany, *Manchester University*; Jessica Stephenson, *Manchester University*; Colin Turner, *Manchester University* (Marcie Coulter-Kern, Faculty Sponsor)

**54 The Effect of Aggression, Empathy, and Alcohol Abuse on Attitudes of Intimate Partner Violence**

Jaeni Sprague, *Central College*; **Leah Gilbertson**, *Central College* (Shelby Messerschmitt-Coen, Randy Renstrom, Faculty Sponsor)

**55 What's hot and what's not: Undergraduate perceptions of attractiveness**

**Alyssa Neveau**, *The College of St. Scholastica*; Lydia Jacobson, *The College of St. Scholastica*; Bailey Dunaski, *The College of St. Scholastica*; Candace Wasner, *The College of St. Scholastica* (Anna M. Semanko, Faculty Sponsor)

**56 Dehumanization of women predicts dehumanization of LGBT people**

**Ellen Cunningham**, *DePaul University*; Russell Steiger, *DePaul University* (Russell Steiger, Ph.D., Faculty Sponsor)

**57 Pride and prejudice**

**Jonathan Bachelor**, *Holy Cross College*; Tim Brown, *Holy Cross College*; Roctim Rozario, *Holy Cross College* (Cosette Fox, Doris VanAuken, Faculty Sponsor)

**58 Vicarious Trauma and Meaning in Life among College Students**

**Maddi Moore**, *University of Missouri - Columbia*; Hope Rose, *University of Missouri*; Laura King, *University of Missouri, Columbia* (Laura King, Faculty Sponsor)

**59 Is College Missing the Mark: Students' Perceptions of College-to-Career Readiness**

**Daryann Whitener**, *Murray State University* (Jana Hackathorn, Faculty Sponsor)

**60 Swipe Right? Social Identity and Social Comparison in Online Dating**

**Lillie McKee**, *Central College*; Kylie Cline, *Central College*; Emily Wassink, *Central College* (Keith Jones, Faculty Sponsor)

**61 Perceptions of cisgender and transgender men with masculine or feminine gender expression**

**Jackson Hare**, *Xavier University*; Anna La Forest, *Xavier University*; Zachary Hilvano, *Xavier University* (Tammy Sonnentag, Faculty Sponsor)

**62 Exploring the extended model of social media use: Deconstructing active vs. passive use**

**Grace Kidd**, *Mount Mary University* (Amy Lauer, Faculty Sponsor)

**63 "Get your mind right": The effects of mindset and performance anxiety on athletic identity in a sample of racially diverse college athletes**

**Carina Chalmers**, *Lindenwood University* (Dr. Stephanie Afful, Faculty Sponsor)

**64 Does Counterbalancing Create A Balanced Sense of Self?**

**Lauren Colton**, *Saint Louis University*; Madeleine Robb, *Saint Louis University*; Hailey Hatch, *Saint Louis University*; Lisa Willoughby, *Saint Louis University* (Lisa Willoughby, Faculty Sponsor)

**65 Intersectionality of Social Media and Social Independence**

**Joshua Calhoun**, *Wright State University*; Sarah Jackson, *Wright State University* (Sarah M. Jackson, Faculty Sponsor)

**66 Role of Guilt in Confession Behaviors**

**Paxton Hicks**, *Oakland University*; Kanako Taku, *Oakland University* (Kanako Taku, Faculty Sponsor)

**67 Anxiety in schools before and after covid**

**Lindsey Touchinski**, *University of Wisconsin Green Bay*; Sarah Stick, *University of Wisconsin Green Bay*; Tracie Gray, *University of Wisconsin Green Bay* (Jenell Holstead, Faculty Sponsor)

**68 Understanding equity gaps in first-year students at an HSI**

**Jude Lafortune**, *Dominican University*; Bolivar Morales, *Dominican University*; Ikili Toney, *Dominican University*; Aaliyah Aguirre, *dominican university* (Tina Taylor-Ritzler, Faculty Sponsor)

**69 What gets us out to the recycling bin?**

**Nishit Basoya**, *Metropolitan State university*; Mark Stasson, *Metropolitan State University* (Mark Stasson, Faculty Sponsor)

**70 Prototypical locations for sexual harassment and perceptions of harassment**

**Sierra Norris**, *Purdue University*; Patrick Pannier, *Purdue University*; Munisa Said, *Princeton University*; Stacey Sinclair, *Princeton University* (Nathan Cheek, Faculty Sponsor)

**71 Successful Social Protests Undermine Support for Future Progress**

**Sage Bouchard**, *University of Missouri*; Aijia Gao, *University of Missouri*; Erin P. Hennes, *University of Missouri* (Erin P. Hennes, Faculty Sponsor)

**72 The Object of the Self**

**Stephanie Foryan**, *Baldwin Wallace University* (Jennifer Perry, Faculty Sponsor)

**73 Decolonizing Queer Identity: Analyzing LGBTQ+ Asian Americans' Self Perception**

**Lily Born**, *Saint Louis University*; Sam Huster, *Saint Louis University*; Sami

Hussein, *Saint Louis University*; Aaron Qian, *Saint Louis University*; Clint Johnson, *Saint Louis University*; Kimberly Powlishta, *Saint Louis University* (Clint E. Johnson, Kimberly K. Powlishta, Faculty Sponsor)

**74 Psychology behind invasive species management**

**Jessica Prumm**, *Blackburn College* (Trisha Prunty , Faculty Sponsor)

**75 I Can't Pay You So I'll Thank You: Relationships Between Gratitude, Indebtedness, and Appreciation**

**Tamara Stewart**, *College of DuPage*; Bill Matwij, *Eastern Illinois University*; Christine Solch, *College of DuPage*; Cydney Hosey, *College of DuPage*; Adriel Mangiliman, *College of Dupage*; Kierra Lachajczyk, *College of Dupage*; Yu Ju Tseng, *College of Dupage*; Isaac Pepin, *College of DuPage* (Ken Gray, Maureen Gray, Or'Shaundra Benson, Faculty Sponsor)

**76 The Effect of Anthropomorphic Images and Language on Social Media User's Conservation Attitudes and Interest in Exotic Pet Ownership**

**Sean Palmer**, *Otterbein University*; Kale West, *Otterbein University* (Michele Acker, Faculty Sponsor)

**77 Experiences of domestic students of color at a small predominately white institution**

**Bryan Basinger**, *Loras College*; Kareem Kassas, *Loras* (Dr. Lisa R. Grinde, Faculty Sponsor)

**78 Experiences of international students of color at a small predominantly white institution**

**Kareem Kassas**, *Loras*; Bryan Basinger, *Loras College* (Dr. Lisa R. Grinde, Faculty Sponsor)

**79 Shifts in framing and perceptions of experience and agency**

**Soro Ung**, *University of Illinois at Urbana-Champaign*; Max Snyder, *University of Illinois at Urbana-Champaign*; Charlie Cervenka, *University of Illinois at Urbana-Champaign*; Maëlys Cadot, *University of Illinois at Urbana-Champaign*; Matthew Horvat, *University of Illinois at Urbana-Champaign*; Reese Thi Murphy, *University of Illinois at Urbana-Champaign*; Felixandro Gonzalez, *University of Illinois at Urbana-Champaign*; Mariam Mohamednor, *University of Illinois at Urbana-Champaign*; Isabella Uriarte, *University of Illinois at Urbana-Champaign*; Yarden

Ashur, *University of Illinois at Urbana-Champaign* (Chadly Stern, Faculty Sponsor)

**80 Revisiting the past to bridge the divide: How nostalgia impacts negative bias across political lines.**

**Margaux Henseler**, *University of St. Thomas (MN)* (Greg Robinson-Riegler, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**81 Susceptibility and alcohol consumption in extroverts and introverts**  
**Jacqueline Farias**, *Wisconsin Lutheran College* (Wendy Close, Faculty Sponsor)

This study examines if personality influences susceptibility to peer pressure and alcohol consumption. It is hypothesized that college students who self-identify as extroverted will be more susceptible to engage in antisocial and neutral behaviors from peer pressure and report higher levels of alcohol consumption than those who identify as introverted.

**82 A preliminary assessment of financial wellness competencies in counseling psychology**

**Eric Agyemang-Dua**, *Indiana University* (Tennisha Riley, Faculty Sponsor)

**83 The Effects of Personality Traits and Country of Origin on the Preferred Coaching Style in Athletes**

**Charlie Chiaradia**, *Chicago State University* (Jubilee Dickson, Faculty Sponsor)

**84 Adaptation intuitions and perceived “thicker skin” of people in poverty**

**Jackson Murray**, *Purdue University* (Nathan Cheek, Faculty Sponsor)

**85 Perceptions of serial killers versus mass shooters**

**Laura Frailey**, *Greenville University* (Eric Watterson, Faculty Sponsor)

**86 The impact of adverse childhood experiences on sexual decision-making**

**Chelsea Yang**, *St. Norbert College* (Raquel Lopez, Faculty Sponsor)

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**Psi Chi Posters IX - Basic and Applied Psychology**

Friday, April 19 | 2:00 PM-2:50 PM

Upper Exhibit Hall

**1 Understanding CRT predicts antiracist attitudes and commitment to social justice**

**Jaden Link**, *Concordia College Moorhead, MN*; Mona Ibrahim, *Concordia* (Mona Ibrahim, Faculty Sponsor)

**2 Uncovering potential student biases at a small liberal arts college**

**Rose León-Alvarado**, *Earlham College*; Elina Thomas, *Earlham College* (Elina Thomans, Kyle Henning, Faculty Sponsor)

**3 Mental Health Support vs. Nutritional Health Support: What Would a Man Do?**

**Piper McKee**, *The College of Wooster* (Meredith Hope, Faculty Sponsor)

**4 Intersectional influences of experienced stigma on U.S. sex workers**

**Lizzy Bensen**, *University of Minnesota Duluth*; Madeleine Hill, *University of Minnesota Duluth*; Ashley Thompson, *University of Minnesota Duluth* (Ashley Thompson, Faculty Sponsor)

**5 Cholinergic mu opioid receptor regulation of dopamine signaling**

**Hunter Wells**, *Miami University*; Ezra Eccles, *Miami University* (Anna Radke, Faculty Sponsor)

**6 Effects of psilocybin on maternal behavior in a stress environment**

**Hunter Wells**, *Miami University*; Sarah Quinlivan, *Miami University*; Charles Ellis, *Miami University*; Claire Lopez, *Miami University*; Jillian Gruber, *Miami University*; Amanda Nelson, *Miami University*; Anthony Sansone, *Miami University*; Brianna Roberts, *Miami University* (Matthew McMurray, Faculty Sponsor)

**7 Specularity and cultural heritage 3D models**

**Alexis Williams**, *University of Wisconsin - Stout*; Chelsea Lovejoy, *University of Wisconsin - Stout*; Michael Tetzlaff, *University of Wisconsin - Stout* (Chelsea Lovejoy, Faculty Sponsor)

**8 Predictors that influence international students' acculturation process in the United States**

**Somaya Eissa**, *Eastern Michigan University* (Rusty McIntyre , Faculty Sponsor)

**9 The Effect of Note Taking Methods and Stimulus Modality on Memory Retention**

**Steven Silberhorn II**, *John Carroll University*; Mallaak Wahdan, *John Carroll University* (Thomas Frazier, Faculty Sponsor)

**10 The Difference Between Online vs. In-person Communication: Comparison through Self-Adaptor and Verbal Disfluency**

**Peiyang Chen**, *university of chicago* (Nina Semushina, Faculty Sponsor)

**11 Reading level of detention and probation documents for juveniles**

**Carly Justice**, *Columbus State Community College* (Dennis Doverspike, Faculty Sponsor)

**12 Relationships between autistic traits and consensual nonmonogamy**

**Gabriel Del Greco**, *Ball State University*; DeFord Cope, *Ball State University* (George Gaither, Faculty Sponsor)

**13 Termination of parental rights: The impact of intellectual limitations**

**Carly Justice**, *Columbus State Community College* (Dennis Doverspike, Faculty Sponsor)

**14 Predicting procrastination in college from scarcity mindset and socioeconomic status**

**Elise Skelton**, *Simpson College* (Sal Meyers, Faculty Sponsor)

**15 Making a Campus Community: Perceptions of Graduate Students' Sense of Belonging on Campus.**

**Natalie Gasterland**, *DePaul University*; Brianna Mabie, *DePaul University* (Olya Glantsman, Faculty Sponsor)

**16 What Makes a Good Pilot? International Cooperation of an Air Force Psychological Selection Battery in the Second World War**

**Cassidy A. Kuhar**, *The University of Akron*; Jennifer L. Bazar, *Cummings Center for the History of Psychology / The University of Akron* (Dr. Jennifer Bazar, Faculty Sponsor)

**17 Unveiling implicit bias: ethnic name effects across genders**

**Aniqa Ali**, *Earlham College*; Elina Thomas, *Earlham College* (Dr. Elina Thomas, Faculty Sponsor)

**18 Criminogenic Thinking and Other Statuses Among Individuals on Community Supervision**

**Tumelo Musamali**, *Avila University*; Jon Mandracchia, *Avila University* (Jon Mandracchia, Faculty Sponsor)

**19 Relationship between student-teacher relationship and academic achievement**

**Ashley Torres**, *Penn State University* (Dr. Bella Provenzano, Faculty Sponsor)

**20 Differences in small group versus whole group implementation of a shared book reading intervention**

Sophia Alvarez, *University of Notre Dame*; Caroline Bishop, *University of Notre Dame*; Riley Bock, *University of Notre Dame* (Jill Pentimonti, Michelle Luna, Nicole McNeil, Faculty Sponsor)

**21 Actual play medium influences on novelty, surprise, transportation, and competence needs and effects of expertise**

**Kaitlyn Sievers**, *Iowa State University*; Emma Bogнар, *Iowa State University*; Grace Wasinger, *Iowa State University* (Kristi Costabile, Faculty Sponsor)

**22 Incarceration during the reminiscence bump as a predictor of recidivism**

**Audrey O'Neal**, *Anderson University* (Dr. Laura Stull, Faculty Sponsor)

**23 Creating an Operationalized Guide for the Radical Healing Framework**

**Kevin Moore**, *Dominican University*; Kendi Mora, *Dominican University*; Sisi Gomez, *Dominican University* (Sophia Duffy, Faculty Sponsor)

**24 Linguistic Markers of the Dark Triad: A Systematic Review**

**Amelie Motzer**, *Lake Forest College*; Vivian Ta-Johnson, *Lake Forest College* (Dr. Vivian Ta-Johnson, Faculty Sponsor)



**25 Does Social Media affect academic performance**

**Luis Munoz**, *Beacon College* (Dr Marsden , Faculty Sponsor)

**26 The effects of resilience and gender on academic stress in collegiate athletes**

**Hailey Farrell**, *Adrian College* (Janet Pietrowski, Stacey Todaro, Faculty Sponsor)

**27 Relationship between implicit bias, race, disability, and offender sentencing**

**Anna de Garcia**, *Maryville University* (Dustin R. Nadler, Faculty Sponsor)

**28 Associations Between Impulsivity and Positive Expectations of Marijuana**

**Clare Uhlik**, *Murray State University*; Megan St Peters, *Murray State University* (Megan St. Peters, Faculty Sponsor)

**29 Perceptions of disabled dating and sexual relationships**

**Hadlie Daigle**, *Eastern Michigan University*; Elizabeth Neilson, *Eastern Michigan University* (Elizabeth C. Neilson, Faculty Sponsor)

**30 Factors of Intrinsic Motivation in university students**

**Audbriana Turnbow**, *Student*; Hailey Riley, *Manchester University*; Chloe Yoder, *Manchester University* (Marcie Coulter-Kern, Faculty Sponsor)

**31 Emotion Regulation as a Predictor of Depression within the Context of Microaggressions**

**Cassandra Perez**, *Marquette University*; Koebe Diaz, *Marquette University*; Kaylen Vine, *Marquette University*; Veronica Heredia, *Marquette University*; Lucas Torres, *Marquette University*; Nallely Plascencia, *Marquette University* (Lucas Torres , Faculty Sponsor)

**32 Risk factor athlete: mental health in student athletes**

**Johanna Gref**, *Lindenwood University* (Colleen Biri, Faculty Sponsor)

**33 Exploring the Use of Informational Posters to Shape Undergraduate Student Knowledge in Psychology**

**Kamya Castro**, *Southern Illinois University Edwardsville*; Luke Balassi, *Southern Illinois University Edwardsville*; Kamryn

Linskey, *Southern Illinois University Edwardsville*; Rachel Bradley, *Southern Illinois University Edwardsville*; Sarah Conoyer, *Southern Illinois University Edwardsville* (Rachel Bradley, Sarah Conoyer, Faculty Sponsor)

**34 An exploratory analysis of the relationship between medication use for chronic mental health disorders and symptom management using alcohol in college students**

Paula Millin, *Kenyon College*; Dana Krieg, *Kenyon College*; **Sadie Gould**, *Kenyon College* (Paula Millin, Dana Krieg, Faculty Sponsor)

**35 Dark Triad Personality Traits, Creativity and Morality**

**Erin Beers**, *Andrews University* (Karl Bailey , Faculty Sponsor)

**36 Endowment in Gambling**

**Isaac Pifer**, *Northern Michigan University*; Jacob Daar, *Northern Michigan University* (Jacob Daar, Faculty Sponsor)

**37 Re-examining resiliency, mindfulness, and seasonal affective disorder related to stress**

Ariana Jacobs, *Minnesota State University, Mankato*; **MacKenzie Berg**, *Minnesota State University of Mankato* (Bradley Arsznov, Faculty Sponsor)

**38 Relationship between cultural variables, self-efficacy, and outcome expectations among a sample of Latinx engineering students**

**Maya Elste**, *University of Missouri-Columbia*; Lisa Flores, *University of Missouri-Columbia* (Lisa Flores, Faculty Sponsor)

**39 What makes a host unique? A prototype analysis**

**Tyler Kennedy**, *Hope College*; Tasia Parsons, *Hope College*; Lauren Zago, *Hope College* (Benjamin R. Meagher, Faculty Sponsor)

**40 Fear of COVID-19 among first year students studying abroad**

**Hollen Knoell**, *Kenyon College*; Irene López, *Kenyon College*; Marne Ausec, *Kenyon College*; Sheryl Hemkin, *Kenyon College* (Irene Lopez, Marne Ausec, Sheryl Hemkin, Faculty Sponsor)

**41 Emotional Perception of Melodic Intervals using Sine Tones**

**Matthew Luke**, *University of Missouri - Columbia*; Nelson

Cowan, *University of Missouri*; Bret Glass, *University of Missouri - Columbia* (Nelson Cowan, Faculty Sponsor)

**42 The effects of a progressive relaxation training intervention on sports performance and confidence among collegiate student athletes**

Austin Carlson, *Edgewood College*; Zach Heckman, *Edgewood College*; David Lambert, *Edgewood College* (Dr. David Lambert, Faculty Sponsor)

**43 Intelligence and intimate relationships: what the gifted population needs from a partner**

Lauren Huff, *University of Missouri - Columbia* (Sarah Killoren, Faculty Sponsor)

**44 Pros vs noobs: comparing coping behaviors of streamers**

Don Gill, *Iowa State University*; El-Lim Kim, *Iowa State University*; Alena Rogojina, *Iowa State University* (Douglas Gentile, Faculty Sponsor)

**45 Effects of Survey Format on Time, Reliability, and Survey Preferences**

Julia Fogleman, *St. Ambrose University* (Katrina Okerstrom-Jezewski, Faculty Sponsor)

**46 Optimism Amidst Tragedy: Positive Religious Coping in the Face of Natural Disaster in Puerto Rico**

Anna Barbee, *Carthage College*; Melanie Nyhof, *Carthage College* (Melanie Nyhof, Faculty Sponsor)

**47 Performative activism and the feminist ideal**

Emma McKillip, *University of St. Thomas*; Olivia Kramer, *University of St. Thomas*; Keara Hiatt, *University of St. Thomas* (Britain A. Scott, Faculty Sponsor)

**48 Expectancy-Value Theory, the Sunk Cost Fallacy, and Student Engagement**

Leidy Diana Fernandez Caumol, *Butler University*; Ravneet Kaur, *Butler University*; Zoe Eichorn, *Butler University*; Manveet Kaur, *Butler University*; Annie Hershberger, *Butler University*; Shelby Terwillegar, *Butler University* (Shelby Terwillegar, Faculty Sponsor)

**49 Getting the dunce cap: Examining the effects of authority and**

**rejection on self-esteem**

**Chloe Whitfield**, *Murray State University* (Jana Hackathorn, Faculty Sponsor)

**50 LD's and substance use**

**Melony Orbach**, *Beacon College* (Andrea Marsden, Nicoletta Nance, Faculty Sponsor)

**51 Personality, politics, and finances: Predictors of deidentification with religion in adulthood**

**Marlene Pape**, *Lindenwood University*; Emily Engel, *Lindenwood University*; Scarlett Rose, *Lindenwood University*; Rebecca Foushée, *Lindenwood University* (Rebecca D. Foushée, Faculty Sponsor)

**52 Psychometric functions in olfaction**

**Brooke Bastian**, *Carthage College*; Natalie Scalamera, *Carthage College* (Leslie Cameron, Faculty Sponsor)

**53 Does the menstrual cycle affect cognitive function? An exploratory study.**

**Cassidy Felix**, *Beloit College* (Suzanne Cox, Faculty Sponsor)

**54 Differences Between Generational Groups Regarding Eschatological Anxiety**

**Sara Santana**, *Andrews University* (Harvey Burnett, Stacie Hatfield, Faculty Sponsor)

**55 Odor discrimination in college students**

**Nicole Mills**, *Carthage College* (Leslie Cameron, Faculty Sponsor)

**56 Understanding the impact of language on social perceptions of schizophrenia**

**Elena Soto**, *Saint Mary's College* (Andrea O'Rear, Faculty Sponsor)

**57 "Attitudes on sex:" Measuring implicit attitudes toward casual sexual relationships and respect**

**Kara Hurlebaus**, *UW La Crosse* (Kevin Zabel, Faculty Sponsor)

**58 Treatment satisfaction of treatment courts, procedural justice, and**

## **social support**

**Grace Garlow**, *University of Missouri* (Kelli E. Canada, Faculty Sponsor)

## **PSI CHI AWARD WINNER**

### **59 Psychological Capital, Stress, and Academic Burnout in First-Generation College Students**

**Kelly Bailey**, *University of Kansas*; Anna Pope, *University of Kansas*; Emily Burns, *The University of Kansas* (Anna R.D. Pope, Faculty Sponsor)

Existing literature provides strong support for Psychological Capital (PsyCap) negatively predicting Academic Burnout. Few studies on first-generation college students (FGCS) examine their personal psychological resources. This study aims to close this gap by investigating if the relationship between Stress, PsyCap and Academic Burnout varies between continuing generation and FGCS.

### **60 Do we see our parents as they see themselves? Parent characteristics as predictors of partner preferences**

**Abby Mains**, *Hope College*; Kyra Carlson, *Hope College*, Madison Wilson, *Hope College* (Carrie Bredow, Faculty Sponsor)

### **61 Transfer Shock**

**Kelsi Casey**, *University of Missouri* (Kennon Sheldon, Faculty Sponsor)

### **62 Faculty's perceptions of students with mental illness: A two-part quantitative and qualitative study**

**Amaya Stowers**, *University of Indianapolis*; Elizabeth Ziff, *University of Indianapolis* (Elizabeth Ziff, Faculty Sponsor)

### **63 Biased but well-behaved: Can implicit associations detected by the IAT predict measurable behaviors?**

**Katherine Osborne**, *University of Wisconsin- La Crosse*; Maggie Kaiser, *University of Wisconsin - La Crosse* (Alexander O'Brien, Faculty Sponsor)

### **64 A Mixed-Methods Examination of Stigma Toward Individuals with Comorbid Depression and Alcohol Use Disorder**

**Lauren Burris**, *Creighton University*; Hannah Walters, *Creighton University*; Emily Chaney, *Creighton University* (Thomas Budesheim, Faculty Sponsor)

### **65 BART and JVQ in younger and older adults**

**Cynthia Torres**, *St Norbert College*; Julie Dunkel, *St. Norbert College*;  
Megan Pierce, *St. Norbert College*; Jaida Benish, *St. Norbert College* (Raquel Lopez, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**66 Peer acceptance in children as a function of teacher-ratings of ADHD:  
An analysis of peer group perceptions of effort**

**Promise Moore-Saufley**, *University of Nebraska Omaha*; Jonathan Santo, *University of Nebraska Omaha*; Felicia Meyer, *Collège André-Grasset, Montréal, Quebec, Canada*; William Bukowski, *Concordia University, Montreal Quebec Canada* (Johnathan B. Santo, Faculty Sponsor)  
We examined the association between peer acceptance and ADHD behaviors among 141 adolescents. Participants were asked to rate a possible same-gendered classmate that exhibited ADHD behaviors. As expected, adolescents who themselves exhibited ADHD-like behaviors were less accepted by their classmates, however, peer group perceptions of effort moderated

**67 Effects of gender on controllability**

**Myah Kannout**, *DePaul University* (Ralph Erber, Faculty Sponsor)

**68 The Effects of Stakes and Social Context in Performance**

**Spencer Daves**, *Central College* (Keith Jones, Faculty Sponsor)

**69 Effect of AI Benevolence on Humans' Trust and Use of an AI Assistant in a Video Game**

**Hecun Liu**, *Purdue University*; Shangjia Xu, *Purdue University*; Shengyang Wu, *Purdue University*; Robert Proctor, *Purdue* (Robert W. Proctor, Faculty Sponsor)

**70 The possible effect's of video-games on stress and anxiety**

**Trevor Goodman**, *Illinois State University*; Suejung Han, *Illinois State University* (Suejung Han, Faculty Sponsor)

**71 Remaining friends from adolescence to adulthood: The role of friendship quality and geographic location**

**Emmalyn Gerhardt**, *University Of Missouri - Columbia*; Amanda Rose, *University of Missouri* (Amanda J. Rose, Faculty Sponsor)

**72 Understanding the Role of Helicopter Parenting across Family Contexts**

**Seneca Garland**, *University of Wisconsin-Parkside*; Blake Beyer, *UW-Parkside* (Meredith McGinley, Faculty Sponsor)

**73 Factors influencing student-athlete and college student's stress and well-being**

**Taylor Banta**, *University of Findlay*; Jessica LaBuda, *University of Findlay* (Jessica LaBuda, Faculty Sponsor)

**74 The relationship between the Illusory Truth Effect and Dark Triad personality traits**

**Gwyn Arnold**, *Rockhurst University* (Marissa Roffler, Faculty Sponsor)

**75 Anger, sexual assault, trauma, and true crime: a correlational study**

**Haley McKinsey**, *Western Illinois University* (Kristy Keefe, Faculty Sponsor)

**76 Effects of Video-Induced Awe on Prosocial Helping Intentions and Actions**

**Madeleine Robb**, *Saint Louis University*; Hailey Hatch, *Saint Louis University*; Lauren Colton, *Saint Louis University*; Lisa Willoughby, *Saint Louis University* (Lisa Willoughby, Faculty Sponsor)

**77 Why do College Students Use Swipe Dating Apps?**

**Abbey Cornelius**, *University of St. Thomas* (Sarah Hankerson, Faculty Sponsor)

**78 Losing my religion to save my identity: Religiosity among the LGBTQ+ community**

**Scarlett Rose**, *Lindenwood University*; Marlene Pape, *Lindenwood University*; Emily Engel, *Lindenwood University*; Rebecca Foushée, *Lindenwood University* (Rebecca D. Foushée, Faculty Sponsor)

**79 Motivations for Cannabis Use**

**Megan Richards**, *Kenyon College*; Dana Krieg, *Kenyon College*; Paula Millin, *Kenyon College* (, Faculty Sponsor)

**80 Sex differences in varying concentrations of caffeine on combined alcohol intake in C57BL/6J mice**

**Sydney Lewis**, *Butler University*; Bradyn Swanson, *Butler University* (Jennifer Berry, Faculty Sponsor)

**81 Sex Differences in Combined Alcohol and Caffeine Consumption in C57BL/6 Adolescent Mice**

**Amarpreet Kaur**, *Butler University*; Jennifer Berry, *Butler University* (Dr. Jennifer Berry, Faculty Sponsor)

**82 The effect of gender manipulation of patients with mental illnesses on perceived dangerousness and social tolerance.**

**Elaina Wilson**, *Wisconsin Lutheran College* (Wendy Close, Faculty Sponsor)



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