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**U.S. ARMY**

**PROGRAM**  
**NINETY-FIFTH ANNUAL MEETING**  
**MIDWESTERN PSYCHOLOGICAL ASSOCIATION**  
**APRIL 20-22, 2023**  
**CHICAGO**

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**NEXT YEAR’S MEETING**

April 18-20, 2024, Chicago

**Twitter:**  
**@MidwesternPsych**  
**#2023MPA**

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

<b>Room</b>	<b>8:30AM – 10:20AM</b>	<b>10:30AM – 12:20PM</b>
Upper Exhibit Hall	Psi Chi: 8:00-8:40 Posters I (p. 301) 8:45-9:25 Posters II (p. 311) 9:30-10:10 Posters III (p. 320)	Psi Chi: 10:15-10:55 Posters IV (p. 332) 11:00-11:40 Posters V (p. 343) 11:45-12:25 Posters VI (p. 355)
Ashland	QUIET ROOM	
Congress		<i>11:00-11:50a NETWORKING: Establishing Research Climate (even at teaching-focused institutions) (p.56)</i>
Crystal		<i>MPA Presidential Invited Address: Stephen Chew (p.45)</i>
Chicago	Mechanisms for Social Justice (p.20)	COVID-19 and Psychology (p.50)
Salon 1	Aggression & Interpersonal Violence (p.29)	Dating Abuse (p.48)
Salon 2	Psi Chi Symposium I (830-920a, p.311) Psi Chi Symposium II (930-1020a, p.332)	Psi Chi Symposium III (1030-1120a, p.343) Psi Chi Symposium IV (1130-1220p, p.355)
Salon 3	Clinical Applications of Emotion (p.32)	Self-Regulation & Goal Pursuit (p.51)
Salon 4/9	PD: Open Science, Registered Reports, and Scientific Publication (p.44)	PD: Working with Bilinguals & Multilinguals (p.56)
Salon 5/8	Social Development (p.34)	
Salon 6/7	SYM: Cross-race Faces: Typicality, Encoding & Individuation (p.40)	PD: Discussing Sensitive Issues In and Out of the Therapy Room (p.58)
Salon 10	Politics, Social Issues, and Quality of Life (p.37)	Mental Health and Substance Use (p.54)
Salon 12	SYM: Linguistic and Cognitive Processing in Bilinguals (p.41)	Learning & Education (p.47)
Indiana	COVID-19 Measurement and Related Behavior (p.35)	ACEs, Trauma, and Domestic Violence (p.53)
Kimball	PD: Doing Good with Data: Bringing DEI to Psych Stats (p.42)	PD: Evidence-Based Best Practices for Syllabi (p.57)
Logan	PD: How to Save Democracy: Countering misinformation (p.44)	Workshop: Strategies & Considerations for Mentoring Student Replication Work (p.46)
Madison	PD: Supporting High School Psychology (p.43)	PD: ED 101 - Approaching Food, Weight, and Body Image with Clients (p.58)
Wilson	PD: Cultural Similarities & Differences in Classrooms (p.43)	PD: Use Your Master's Degree to Improve Mental Health Outcomes (p.57)

## Thursday Afternoon

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

Room	1:00PM – 2:50PM	3:00PM – 4:50PM
Upper Exhibit Hall	Applied Social Psychology Poster Session (p.72)	Cognitive Posters (p.105)
Ashland	QUIET ROOM	
Wabash		Psi Chi Awards and Diversity Event (3:30-4:50p; p.370)
Crystal	<i>MPA Presidential Invited Address:</i> Angela Moreland-Johnson (p.59)	SYM: Political Polarization, Misinformation, & Conspiracy Theories (p.100)
Chicago	Race & Ethnicity I (p.64)	Social Influence (p.91)
Salon 1	Teaching of Psychology Part I (p.89)	Teaching of Psychology Part II (p.90)
Salon 2	Psi Chi Symposium V (2:00-3:00p, p.369)	
Salon 3	SYM: Interpersonal Connection: Role of Emotion/Synchronization (p.70)	SYM: Early Childhood Experiences Shape Emotion Processes (p.99)
Salon 4/9	Self & Identity (p.61)	PD: Crushing PhD Applications (p.103)
Salon 5/8	Sexual Violence & Moral Misconduct (p.67)	SYM: Recognizing & Meeting Needs of Military Personnel and Families (p.97)
Salon 6/7	Race & Racial Identity (p.66)	Attitudes, Beliefs, and Stereotypes (p.93)
Salon 10	Child and Adolescent Health Related Topics (p.87)	Outcome Research/Aging and Older Adulthood (p.95)
Salon 12	Memory (p.62)	SYM: New Ideas in Eyewitness Research (p.98)
Indiana	Risk Factors and Diverse Youth (p.69)	PD: Addressing Critical Gaps in Clinical Psychology Curricula (p.95)
Kimball	Psi Chi Data Blitz I (200-250p, p.367)	PD: Applied Psychology Careers and Group Therapy (p.103)
Logan	Workshop: Multilevel Analysis of Data from Experience-Sampling and Diary Studies (p.60)	PD: Incorporating Knowledge and Techniques of Substance Abuse into Daily Practice (p.103)
Madison	PD: Participatory Community Action Research (p.72)	
Marshfield	PD: How to Incorporate Trauma-Oriented Care in Daily Practice (p.71)	
Wilson	PD: Implementing Multidimensional Wellness into Practice and Self-Care Routines (p.71)	SYM: Attraction, Love, and Close Relationships: Theory, New Empirical Findings, and Teaching Applications (p.102)

**Social Hour: 5:00PM – 7:00PM (p. 115)**

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	Psi Chi: 8:00-8:40 Posters VII (p. 371) 8:45-9:25 Posters VIII (p. 382) 9:30-10:10 Posters IX (p. 393)	Behavioral Neuroscience Posters (p.150) STP Posters (p.270) SCRA Posters (p.288)
Ashland	QUIET ROOM	
Congress	<i>9:00-9:50a NETWORKING: Adolescent suicide prevention and mental health (p.134)</i> <i>10:00-10:50a NETWORKING: Disability Advocacy/Research Network-ing (DARN) event (p.135)</i>	<i>11:00-11:50a NETWORKING: Sharing teaching resources (p.139)</i> <i>12:00-12:50p NETWORKING: Psi Beta and Advisor Networking (p.149)</i>
Red Lacquer	STP Keynote Speaker (p.268)	Dr. Jessica Schleider, Psi Chi Keynote Speaker and Conversation Hour (p.403)
Crystal	PD: Teaching Strategies for Undergraduate Statistics (p.132)	<i>MPA Presidential Invited Address: Ellen Peters (p.135)</i>
Chicago	Stereotyping & Economic Hardship (p.123)	Race, Police, and Aggression (p.142)
Cresthill	PD: Application of Multicultural Case Conceptualization Skills in Clinical Supervision (p.133)	<i>Division 27/SCRA Symposiums and Roundtables (p.288)</i>
Salon 1	Ingestive Behavior & Eating (p.126)	Adult Psychopathology (p.147)
Salon 2	Psi Chi Symposium VI (830-920a, p.381) Psi Chi Symposium VIII (930-1020a, p.402)	<i>Division 27/SCRA Symposiums and Roundtables (p.287)</i>
Salon 3	Personality & Individual Differences (p.122)	Gender & Identity (p.140)
Salon 4	<i>Society for Teaching Psychology Roundtables (p.269)</i>	
Salon 5/8	Gender Identification Bias (p.128)	Steps to a Rewarding Career in Counseling (1045-1220p; (p.146))
Salon 6/7	Culture (p.125)	Promoting Motivation & Belonging in Education (p.143)
Salon 9	Psi Chi Symposium VII (830-920a, p.382) Psi Chi Symposium IX (930-1020a, p.402)	PD: Getting Started in Academia: Responding Effectively to Reviews (p.146)
Salon 10	Politics & Identity (p.130)	Political Psychology (p.136)
Salon 12	Cognition & Language (p.120)	Problem Solving & Metacognition (p.137)
Wilson	PD: Open Science and Diversity Science (830-920; (p.132)) INV PD: Careers in Market Research (930-1030; (p.134))	INV SYM: From Teasing, to Biased Language Use, to Bullying (1045-1235p; (p.145))
Indiana	<i>Division 27: Society for Community Research and Action Symposia and Roundtables (p. 283)</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	Clinical and Developmental Posters I (p.166)	
Ashland	QUIET ROOM	
Congress	1:00-1:50p <i>NETWORKING: AAPI Research Collaaboration (p.182)</i> 2:00-2:50p <i>NETWORKING: Political Psychology Scholars (p.182)</i>	
Red Lacquer	STP Keynote (p.277)	<i>MPA Award Ceremony and Presidential Address (p.183)</i>
Crystal	<i>MPA Presidential Address: Dolores Albarracín (p.155)</i>	
Chicago	Climate & Behavior Change (p.160)	
Salon 1	College Student Well-Being (p.162)	
Salon 2	Psi Chi Symposium X (1:00-1:50p, p.404) Psi Chi Symposium XI (2:00-2:50p, p.406)	
Salon 3	SYM: Disability Stigma Across Contexts (p.164)	
Salon 4	<i>Society for Teaching Psychology Roundtables (p.296)</i>	
Salon 5/8	Race & Ethnicity II (p.158)	
Salon 6/7	SYM: The Antecedents, Consequences, & Resolution of Goal Conflicts (p.165)	
Salon 9	Psi Chi Data Blitz II (1:00-2:00p, p.404) Psi Chi Data Blitz III (2:00-3:00p, p.406)	
Salon 10	Behavioral Neuroscience (p.156)	
Salon 12	Cognitive Development (p.157)	
Wilson	Workshop: Analytics in Market Research (p.154)	
Indiana	<i>Division 27: Society for Community Research and Action Symposia and Roundtables (p. 296)</i>	
Kimball		
Logan		
Madison		
Marshfield		

**Social Hour: 5:00PM – 7:00PM (p. 185)**  
Empire Ballroom (Adjacent to Main Lobby) - All are invited!

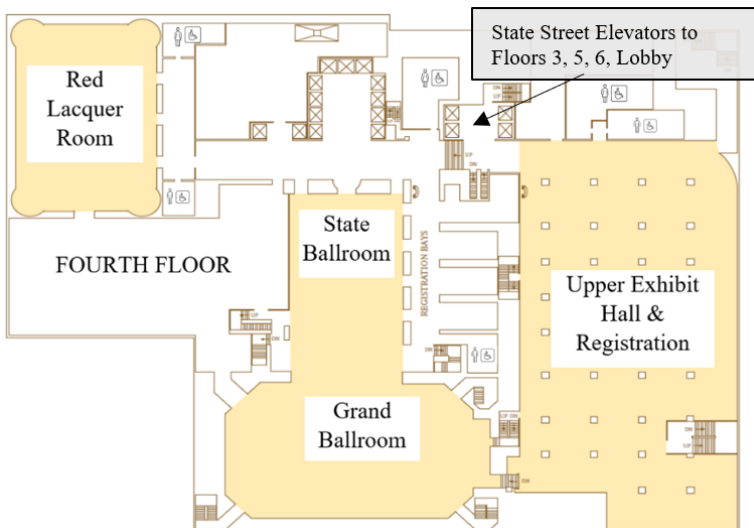
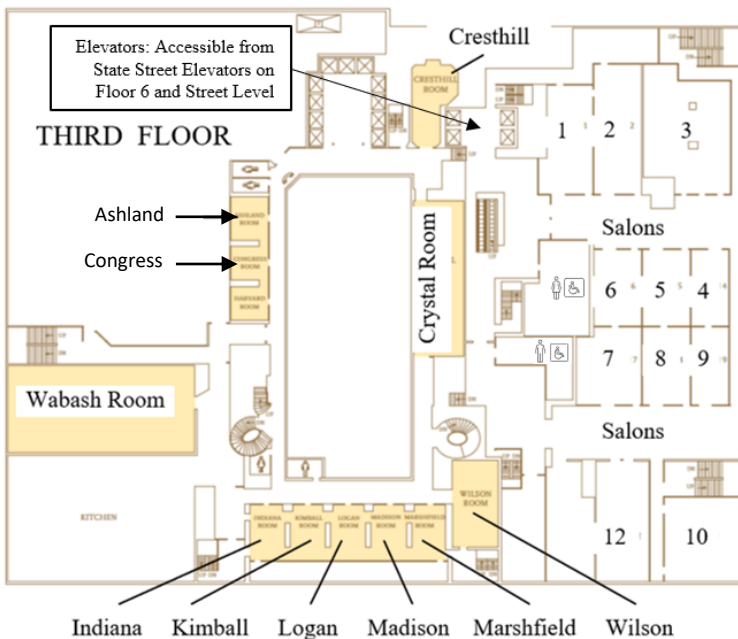
## Saturday

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

Room	8:30-10:20AM	10:30AM-12:20PM	12:30PM-2:20PM
Upper Exhibit Hall	Social Psychology Posters I (p.197)	Social Psychology Posters II (p. 224)	Clinical and Developmental Psychology Poster Session II (p. 252)
Ashland	QUIET ROOM		
Crystal	<i>MPA Presidential Invited Address: Shigehiro Oishi (p.189)</i>	<i>MPA Presidential Invited Address: Larissa Barber (p.214)</i>	
Salon 1	Service Provider Concerns (p.192)	PD: Applying Research Methods and Cognitive Psychology to Real-World Settings (p. 223)	
Salon 2	Decision Making and Social Issues (p.190)	Empathy and Prosocial Behavior (p.215)	Bias, Inclusion, and Exclusion (p. 245)
Salon 3	New Models of Relationships and Sexuality (p.191)	Emotion: Coping & Social Support (p. 219)	Relationship Dynamics: Stressors & Successes (p. 248)
Salon 4	PD: NSF Grant Applications: Lessons from Program Officers and Principal Investigators (p.213)	<i>STP Roundtables (1030-220p; p.280)</i>	
Salon 5/8	SYM: Status Quo Maintaining Consequences of Waxing Nostalgic (p.195)	Work Settings & Psychology (p. 220)	
Salon 6/7	Social Perception (p.194)	Media Bias I (p. 216)	Media Bias II (p. 247)
Salon 9	<i>STP Symposia (930-220p; p.278)</i>		
Salon 10	<i>STP Keynote Speaker (930-1020a; p.281)</i>	Health Stressors, Resilience & Challenge (p. 217)	Psychology of Religion (1245-145p; p. 250)

The *Call for Papers* for next year's meeting (April 18-20, 2024) will be posted September 1, 2023 at [www.midwesternpsych.org](http://www.midwesternpsych.org).

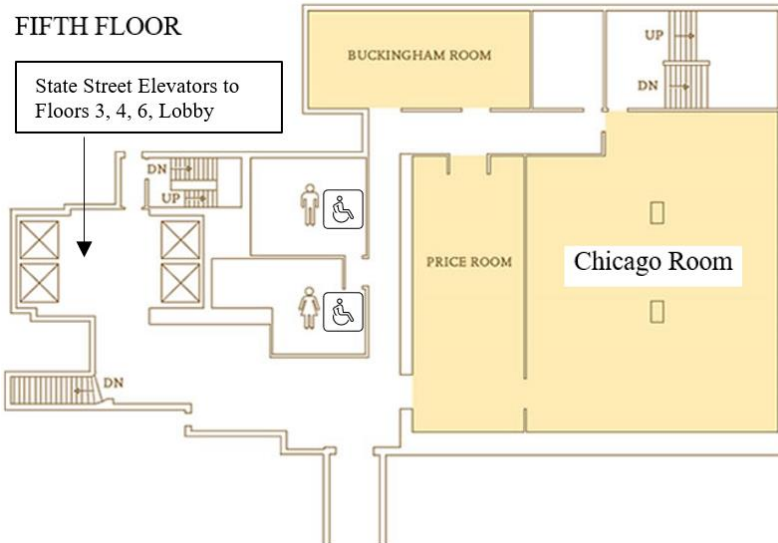
## MAPS OF MEETING ROOMS



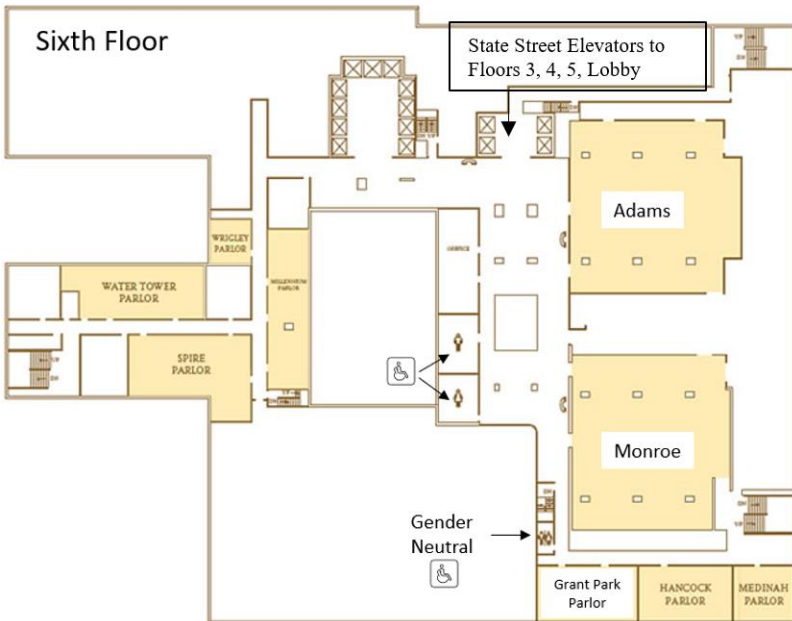


## MAPS OF MEETING ROOMS

### FIFTH FLOOR



### Sixth Floor



## PRESIDENT'S MESSAGE

Welcome to the 95th annual Midwestern Psychological Association conference! I'm excited to hear about all the interesting research going on in the Midwest and beyond and to connect with friends and colleagues, new and old, and I hope you are too. MPA has had a huge impact on me and my career. This will be my 30th consecutive year at the conference, and I've introduced over 200 students to all MPA has to offer. I believe in this conference and its mission, and I'm glad that you do too. I sincerely thank you for allowing me to serve you and MPA as your President this year.

I want to thank you for coming, for sharing your research with us, and for bringing your students. We absolutely couldn't do MPA without you. Last year we sent out our first MPA post-conference survey, and we have already made several changes based on the feedback we received. You may notice some small but hopefully welcome changes this year, including signage and additional badge ribbon options along with a dedicated quiet room and new networking events. We'll send out another survey after this conference, and we encourage you to continue to share your feedback with us. Feel free to stop me in the halls and let me know your thoughts as well.

We have a great program lined up for you this year! We're fortunate to have several stellar Presidential Invited Address speakers, including Dolores Albarracín, Larissa Barber, Stephen Chew, Angela Moreland-Johnson, Shigehiro Oishi, and Ellen Peters. We are also offering a number of workshops and professional development sessions in addition to our research talks, posters, and symposia. There are three affiliated meetings taking place in conjunction with MPA: Psi Chi, Society for Teaching of Psychology, and Society for Community Research and Action. Everyone is welcome at their presentations, and you can find their offerings listed in detail toward the end of the program book. Special thanks are due to Renée Tobin and the program committee for the excellent lineup of offerings. I also want to thank Executive Officer Michael Bernstein, our two new Associate Executive Officers, Kim Rios and Jim Wirth, and our Convention Manager, Lorraine Grogan, along with MPA Council members and other officers. All of these people put in a lot of work during the year to help you have the best experience possible.

In choosing the Invited Presidential Addresses this year, I worked with a theme of "making the world better through psychology." I hope you find

inspiration here to help you continue to make the world a more positive place.  
Thank you for all that you do.

Helen C. Harton

2022-2023 MPA 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 2500+ members 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

Persons with a doctorate in psychology 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 \$20 for early registration/\$40 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 \$35 for regular MPA members, \$20 for graduate student members, \$30 for undergraduates, and \$125 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: \$70 (does not include membership)

Grad Students: \$40 + \$25 for membership

Undergraduates: \$60

Non-Members: \$125

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, 4, 5, and 6 (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	State	Wabash	Michigan	Lake Shore	
		Washington →					Millennium Park
		Madison ←					
		Monroe →	M				
		Adams ←		★	M		Art Institute
		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>	Helen C. Harton, University of Northern Iowa
<b>Past-President:</b>	Ed Hirt, Indiana University
<b>President-Elect:</b>	Heather M. Claypool, Miami University
<b>Council Member:</b>	Christine Smith, Grand Valley State University
<b>Council Member:</b>	Thomas Redick, Purdue University
<b>Council Member:</b>	Rosalyn Davis, Indiana University Kokomo
<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**

Renée Tobin – Temple 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)

Marcellus M. Merritt – University of Wisconsin Milwaukee (2023-2025)  
Randy McCarthy – Northern Illinois University (2023-2025)

*The Program Moderator for the 2024 conference will be Dr. Eric Wesselmann, Illinois State University.*

**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)

## **2023 GRADUATE STUDENT PAPER AWARDS**

Seth Wilensky, Miami University  
*Masculinity Adherence and Sexual Difficulties Among Male Sexual  
Victimization Survivors*

Joe Siev, The Ohio State University  
*Personal misconduct elicits harsher professional consequences for artists (vs.  
scientists)*

Vanessa Ivy, The Ohio State University  
*Interracial Social Support: What [not] to say*

Skye Napolitano, Purdue University  
*Elevated Trait Negative Affect and Time Distortion in ADHD*

Caroline Balling, Purdue University  
*Clinician Perception of HiTOP and the DSM*

### **NEW MPA FELLOWS**

*Christopher Was, Kent State University*

*Lindsey Root Luna, Hope College*

*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   |                     |
| 1994 David C. Riccio         |                     |
| 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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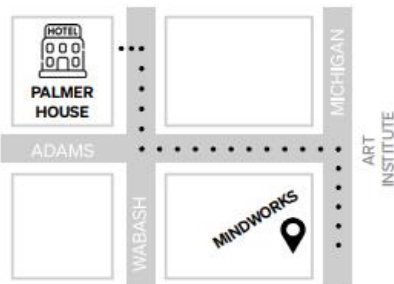
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## **NOTES**

**THURSDAY, APRIL 20, 2023**

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

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**A Quiet Session and Quiet Room**

Thu 8:30 AM – 5:00 PM

Ashland

This is a quiet room. Please come and sit and relax. There will be tables and chairs, and this room is intended as a place to relax away from everyone and everything for a bit. The same room is used every day for the duration of the conference.

---

**Aggression & Interpersonal Violence**

Thu 8:30AM - 10:20AM

Salon 01

Moderator: Dominik Mischkowski, Ohio University

**8:30 Public Attitudes and Experience: Predictors of Domestic Violence Reform**

Brenda Russell, Penn State Berks; Jennifer Cox, University of Alabama; Haylie Stewart, University of Alabama; Celina Dry, The Pennsylvania State University, Berks

This study assessed public views about domestic violence criminal justice reforms and predictors of reform. Results found while exposure to social media did not predict support for reform, sexism, domestic violence myths toward men and women, and personal experience with domestic violence were significant predictors for domestic violence reform.

**8:45 Perceptions of Trauma Across Different Scenarios of Rape**

Marissa Dongarra, Cleveland State University; Liz Goncy, Cleveland State University

This study compared attributions of trauma following stranger, acquaintance, and marital rape scenarios. Findings showed that female victims perceived stranger rape as the most traumatic, and marital rape as the least traumatic. Highlighting that trauma can exist following any form of rape may encourage victims to seek treatment sooner.

### **9:00 Sexual Double Standards and Attributing Acquaintance Rape Responsibility**

Marissa Dongarra, Cleveland State University; Liz Goncy, Cleveland State University

This study examined the relationship between sexual double standards and attributions of responsibility following acquaintance rape. Surprisingly, findings revealed higher sexual double standards were related to lower responsibility. Future efforts should focus on eliminating sexual double standards to allow for victims to seek treatment without fear of being blamed.

### **9:15 Masculinity Adherence and Sexual Difficulties Among Male Sexual Victimization Survivors**

Seth Wilensky (He/Him/His), Miami University; Maxwell Katsikas, Miami University; Lee Eshelman, University of Detroit Mercy; Terri Messman, Miami University

Sexual victimization was associated with greater sexual difficulties, operationalized as sexual concerns or dysfunctional sexual behavior, among cisgender men. Difficulties accessing emotion regulation strategies partially mediated associations. Adherence to hypermasculine sexual persona norms strengthened associations between sexual victimization and dysfunctional sexual behavior only. Moderation was not observed for emotional inexpressiveness

### **9:30 Perceived Safety of Gun Ownership**

Lexi Snow, Blackburn College; Trisha Prunty, Blackburn College

The current study investigated the perceptual differences between gun owners and non-gun owners regarding the degree to which guns make homes and schools safer. Gun owners, men, and conservatively-leaning individuals felt guns contributed to safety.

## **Mechanisms for Social Justice**

Thu 8:30AM - 10:20AM

Chicago

Moderator: Brenda Konecny, Minnesota State University Moorhead

### **8:30 Anatomy of an Interrogation: Police Interrogation Tactics and their Psychological Effects**

Fabiana Alceste, Butler University

In this talk, Dr. Alceste will analyze a real interrogation and confession from a real murder case in Indiana. She will provide a step-by-step breakdown of the tactics that investigators used in the 12-hour interrogation of a suspect, who was ultimately convicted on the basis of an extremely questionable confession. The results of scientific, psychological studies on interrogations and false confessions will be presented in tandem with each discussed tactic. The audience will have a first-hand account of what real interrogations can look like and will learn the legal boundaries and psychological effects of current interrogation practices. Content warning: child death and aggressive police behavior.

### **9:00 Testimonial Evidence at Conviction and Jury Decision-Making**

Léa Morvan-Pereur, Avila University; Marcia Pasqualini, Avila University

The legal system's objectiveness has been increasingly criticized due to vulnerability to jurors' emotions. Though the literature focuses on how testimonies interact with juror emotions at sentencing, this study seeks to examine its effect at conviction. Results indicate that this effect is mediated by credibility instead of juror emotion.

### **9:15 Shun the fraud – Ostracism experiences of individuals with impostor feelings**

Christiane Büttner, University of Basel; Selma Rudert, University of Koblenz-Landau; Rainer Greifeneder, University of Basel

Impostor feelings and social exclusion (ostracism) are positively related (3 Studies,  $N = 5971$ ). Why? Two distinct pathways: First, individuals with impostor feelings show withdrawal tendencies that lead to more ostracism. Second, ostracism from identity-relevant groups (here: the workplace, first-year university students) creates identity insecurity that fosters impostor feelings.

### **9:30 Intragroup variability among Black female scientists matters for identity safety and solidarity perceptions**

Nadia Floyd, University of Colorado, Boulder; Evava Pietri, University of Colorado, Boulder

The hairstyle choices of scientists impacted their effectiveness as identity-safety cues for Black women. A highly prototypical scientist (i.e., a monoracial Black woman with an Afrocentric hairstyle) was the most beneficial. Biracial scientists were more effective than White scientists. This



research has implications for encouraging identity-safety among Black women.

### **9:45 The Effect of Powerlessness on Perceived Stability and System Justification**

Jessica Clevering, Trinity Christian College; Kara Wolff, Trinity Christian College

Participants who were prompted to consider a time they took control of a situation were less likely to believe that the current racial system is unchangeable compared to participants who were prompted to consider times they had power or no power ( $F_{(2, 581)} = 6.73, p < .01$ ).

## **Clinical Applications of Emotion**

Thu 8:30AM - 10:20AM

Salon 03

Moderator: Shirlyn Garrett, Chicago State University

### **8:30 Suicidality and Emotion Regulation: The Moderating Role of Attentional Biases**

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

Using a multi-method design, the present study examined the role of attentional biases as a moderator of the relationship between suicidal thoughts and behaviors (STB) and emotion regulation (ER) deficits. Results suggest that a bias towards sad faces results in adaptive ER response deployment among individuals with STB histories.

### **8:45 Borderline Personality Disorder and Eating Disorders: Emotion Regulation and Comorbidity**

Samantha Dashineau, Purdue University

Borderline personality disorder and eating disorders both cause significant distress and co-occur at rates higher than expected. One reason for this may be emotion regulation components common to each disorder. This study examined both disorders together in predicting emotion regulation impairment, finding evidence for shared overlap.

### **9:00 Maladaptive emotion regulation mediates maternal emotional abuse and adulthood aggression**

Brian Brooks, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

We examine whether rejection sensitivity and maladaptive emotion regulation differentially mediate the effects of maternal and paternal emotional and physical childhood maltreatment on adulthood aggression. Further, we test whether rejection sensitivity moderates MER effects on aggression. Clinical implications will be discussed.

### **9:15 Distress tolerance difficulties associated with enhanced orthorexia nervosa symptoms**

Niki Hayatbini, Miami University; Noelle Geisler, Miami University of Ohio; Vrinda Kalia, Miami University

Distress tolerance difficulties enhance disordered eating. Orthorexia nervosa is an eating disorder characterized by a preoccupation with eating clean/healthy food. The association between distress tolerance and orthorexia symptoms was examined in community adults. Data show that distress tolerance predicts symptoms of orthorexia nervosa, after controlling for demographic variables.

### **9:30 Deliberate Self-Harm Risk: A Mechanistic Case for Ineffective Emotion Regulation**

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

We tested the mediating roles of adaptive and maladaptive ER response repertoire deployment between four ER-related processes (emotion: clarity, experience intensity, apprehension, and management expectations) and deliberate self-harm. Hypotheses were supported for maladaptive ER use. Clinical implications will be discussed.

### **9:45 Analysis of Hydrocortisone in Wastewater: A Measure of Community Stress**

Carole Woolford-Hunt, Andrews University; Marlene Murray, Andrews University; Camile Graham, Andrews University; Myshira Oliver, Andrews University; Ivah Lumalang, Andrews University

The focus of this study was the examination of hydrocortisone found in human wastewater as a measure of stress levels in a small mid-western campus community. Liquid Chromatography-Mass Spectrometry (LC-MS) was used to analyze samples. Results indicated that the presence and variation of hydrocortisone levels in wastewater samples were detected.

## Social Development

Thu 8:30AM - 10:20AM

Salon 05/08

Moderator: Lisa R. Grinde, Loras College

### **8:30 Contagion Mechanism of Psychological Functioning in a Temporal Network**

Chao Liu, Cedarville.edu; Yajun Lu, Jacksonville State University; Jacob Littleton, Cedarville University

Temporal network autocorrelation model was used to study the diffusion of psychological well-being in a temporal network of friendships in which adolescents in classes are embedded. Findings showed distinct contributions of demographic factors and network configurations to positive and negative functioning.

### **8:45 Reflecting on Resilience: A Large-Scale Qualitative Study of Adolescents' Experiences**

Maegan Ruiz, Washington University in St. Louis; Mateo Hain, Washington University in St. Louis; John Hanrahan, Washington University in St. Louis; Jenalee Doom, University of Denver; Chris Rozek, Washington University in St. Louis

In what ways did students operationalize resilience during the pandemic school closures as shared through self-report questionnaires? Students reported activities and traits at much higher levels than self-regulation strategies, thereby signaling opportunities for targeted interventions. Our work sets the stage for exploring interventions linking traits, strategies, and activities.

### **9:00 Lifespan, Cultural, and Historical Development of Honest Dispositions**

William Chopik, Michigan State University; Mariah Purol, Michigan State University; Hyewon Yang, Michigan State University

In two studies, we examined lifespan, cultural, and historical variation in honesty in six longitudinal data sets ( $N = 747$ ) and a large sample of participants from 88 different countries ( $N = 4,544,507$ ). Honesty increased across life and in recent years and was lower in Eastern European countries.

### **9:15 Student-Athlete Attitudes on Seeking Help for Mental Health Concerns**

Russell Ravert, University of Missouri; Wenting Sun, University of Missouri  
This mixed-methods study found that student-athletes who believed their

athletic role model would seek help for mental health concerns were more likely to report willingness to seek help themselves, even controlling for descriptive norms. Reasons participants believed their role model would or would not seek help were identified.

### **9:30 Parents Are Not Happier Spending on Their Kids Than Themselves**

Elizabeth Majka, Elmhurst University; Jeffrey Johnson, Elmhurst University; Anthony Campolattara, Elmhurst University; Robert Zita, Elmhurst University; Catherine Gaze, Elmhurst University; Jessica Sim, Elmhurst University

People are happier when they spend money on others rather than themselves. In two studies, we focused on parents and found no support for the hypothesis that parents would be happier spending on their child than themselves. In fact, parents were happier spending on someone else than on their child.

### **9:45 Who are the Game Changers? Why We Need to Study Leadership in Adolescence (WITHDRAWN)**

Jennifer Tackett, Northwestern University

Although leadership research has flourished in recent decades, empirical investigations have focused primarily on adults. I offer a framework for the empirical study of adolescent leadership that integrates cutting-edge knowledge from leadership and developmental science and present data from a study on adolescent leadership—the first of its kind—to lay the groundwork for this new subfield in leadership research.

## **COVID-19 Measurement and Related Behavior**

Thu 8:30AM - 10:20AM

Indiana

Moderator: Jennifer Willford, Slippery Rock University

### **8:30 Explanatory Ability of COVID-19 Life Changes on Quality of Life**

Bryant Stone, Medical University of South Carolina; Vanessa Wang, Southern Illinois University Carbondale

COVID-19 life changes fully explain the negative relationship between the perceived danger of COVID-19 and quality of life, but only in those who have had COVID-19, explaining 40.60% of the variability in the quality of life. We further discuss the theoretical findings, implications, limitations, and future directions.

### **8:45 Fear of COVID-19 Explains Demographic Differences in Pandemic Life Changes**

Vanessa Wang, Southern Illinois University Carbondale; Bryant Stone, Medical University of South Carolina

Results revealed that both fear and anxiety explained 23% of the variability in the impact of COVID-19 life changes beyond demographic variation. Further, this study revealed that the demographic variations in the impact of COVID-19 life changes are fully explained by the fear and anxiety from COVID-19.

### **9:00 Development & Validation of the COVID-19 Impact Domain Scales (CIDS)**

Bryant Stone, Medical University of South Carolina; Vanessa Wang, Southern Illinois University Carbondale

The COVID-19 Impact Domain Scales (CIDS) is a multidimensional scale that assesses the effects of COVID-19 on nine life domains. The scale demonstrated excellent structural validity, strong internal consistencies (.80-.95), robust divergent, convergent, and criterion validity, and incremental validity over the existing unidimensional coronavirus impact scale.

### **9:15 Effects of the COVID-19 Pandemic on Polysubstance Use Patterns**

Carlos Vidales, Iowa State University; Evan Moon, Iowa State University

Polysubstance use has damaging effects on the well-being of the individual. This study uses descriptive analysis to examine the impact of the COVID-19 pandemic on overall polysubstance use patterns across varying demographics. Results revealed fluctuations in unique polysubstance use patterns from 2019 to 2020.

### **9:30 Psychometric Properties of the COVID Stress Scale in College Students**

Anjoli Diaz, Ball State University; Jocelyn Bolin, Ball State University; Lynn Bielsky, Ball State University; Lauren Shaffer, Ball State University

The current study sought to provide evidence for the COVID stress scale (CSS)'s psychometric properties in a college student sample. Results only partially supported the original 5-factor model. Authors will discuss reasonings for considering removing certain items to better assess pandemic-related distress in this population and to better identify students' mental health needs.

### **9:45 COVID-19 Vaccinations: demographic and psychographic profiles of religious exemption seeking**

T.L. Brink, Crafton Hills College

Internet searches for religious exemption from COVID vaccines were greatest in those states with low public health and educational measures. The best predictors were the percent of the 2020 presidential vote going to Trump ( $\rho = +.53$ ) and low levels on the trait of openness ( $\rho = -.59$ ).

### **10:00 Negative Affect, Fear of Side Effects, and COVID-19 Vaccine Hesitancy**

Yixin Yang, Ohio University; Dominik Mischkowski, Ohio University  
Two studies indicate that higher psychological vulnerability, general/COVID-specific anxiety, or depression is related to lower COVID-19 vaccine hesitancy, while higher anti-vaccination attitudes are related to increased vaccine hesitancy. Additionally, we expanded the literature by examining fear of side-effect as a moderator in the relationships between negative affect and COVID-19 vaccine

## **Politics, Social Issues, and Quality of Life**

Thu 8:30AM - 10:20AM

Salon 10

Moderator: Alivia Zubrod, Park University

### **8:30 Collective Trauma and Posttraumatic Growth: How Political Orientation Predicts Growth**

Christopher Jurgens, University of Toledo; Mojisola Tiamiyu, University of Toledo

Collective traumatic events (CTEs; e.g., natural disasters) predict anxiety, depression, and posttraumatic stress, yet posttraumatic growth (PTG) has gone unexplored. This experiment investigated the effects of a PTG intervention, moderated by political orientation, in the context of a CTE (i.e., COVID-19). The influence of CTE perception on PTG is discussed.

### **8:45 Justice for me and for all? Early adolescence longitudinal analysis**

Kendra Thomas, Hope College; Herbert Rodrigues, Missouri State University; André Komatsu, Max Planck Institute

A study of 659 diverse adolescents reported how fair lives are and how fair the world is at ages 12, 13, and 14. Cluster analysis revealed five developmental trajectories that differed based on income, school quality, and ethnicity. Results support the justice capital framework and adolescents' sophisticated understanding of inequality.

### **9:00 Values and Regions in American Mental Health**

Sebastian Balmer, University of Windsor

Improving Oneself. Societal Contribution. Pursuit of Knowledge. Family. Relationships. Happiness. Environment. One of these values has been positively associated with mental health; one of them has been negatively associated. Any guesses? This study explores the role of values and regions in mental health among an American sample.

### **9:15 Examining associations between state-level immigrant policies and the mental health of children of immigrants in those states**

Vardha Kharbanda, Illinois Institute of Technology; Ho-Chun Tsai, Illinois Institute of Technology; Jacob Gluhovski, Illinois Institute of Technology; Oluwadamilola Adetunji, Illinois Institute of Technology; Steve Du Bois, Illinois Institute of Technology

Several studies identify the impact of laws and policies on immigrant mental health, but almost none focus on children. Using correlational analysis and logistic regression analysis, this research attempts to understand the association between the socio-political climate of the state and the mental health of the children of immigrants residing in that state.

### **9:30 The Impact of Severe Rent Burden on Quality of Life Measures in Chicago Neighborhoods**

Lynn Kannout, Illinois Institute of Technology; Weilynn Chang, Illinois Institute of Technology

We examined the association between severe rent burden (SRB) and quality of life (QOL) indices among Chicago's highly segregated neighborhoods. SRB negatively impacts QOL in Chicago neighborhoods across indicators. Difficulty was most prevalent in the South and West side neighborhoods of Chicago where primarily Black and Brown individuals reside.

### **9:45 Latitudinal Variations in Religiosity Parallel Environmental Instability**

Karl Bailey, Andrews University; Crystal Collins, Andrews University; Aidan Li, Andrews University; Duane McBride, Andrews University

Across three global samples, we observe increases in many measures of religiosity from the poles towards the equator, extending previous reports of latitudinal psychology. This equatorial-polar gradient parallels indices of political, economic, and ecological instability, consistent with models where religious beliefs and behaviors serve coping functions in unstable cultural contexts.

**10:00 Hardship Index and adult rates of obesity in the Chicagoland area**

Caitlyn Zon, Illinois Institute of Technology; Edward Silber, Illinois Institute of Technology; Faisal Haifi, Illinois Institute of Technology

Research has suggested that Chicago experiences higher poverty rates than the general U.S population, but none of this research focuses on hardship index. Thus, using a mediation analysis, we will examine potential explanatory variables between hardship index and obesity in Chicago communities utilizing the Chicago Health Atlas Database.



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## Symposium

### **Cross-race Faces: Inquiries on Typicality, Encoding and Individuation**

Thu 8:30AM - 10:15AM

Salon 06/07

The cross-race facial recognition deficit is a robust finding in intergroup research. This symposium explores basic differences in the processing of cross-race faces. We examine three possibilities: (1) differential representations of typical feature distributions, (2) differential role of conceptual versus perceptual encoding strategies, and (3) differential usage of racially categorizing versus individuating features. The first presentation explores whether there are cross-race differences in the representation of a typical own-race versus other-race face. The second presentation investigates the contribution of perceptual and conceptual encoding strategies (vs. baseline) on cross-race memory for faces. Is there a conceptual over perceptual encoding advantage in face memory as there is in face recognition? The final presentation re-examines the effect of attention to individuating versus categorizing features on cross-race face memory, exploring the effects of expertise, motivation, and culture on the cross-race facial recognition deficit as well.

#### **Cross-race Differences in Judgements of Category Typicality**

ANJANA J. LAKSHMI, University of Chicago, BERND WITTENBRINK, University of Chicago, JOSHUA CORRELL, University of Colorado Boulder, DEBBIE S. MA, California State University Northridge

#### **Effects of Perceptual and Conceptual Judgments in Cross-Race Face Memory**

JOANA QUARENTA, University of Lisbon, TOMÁS A. PALMA, University of Lisbon, ANA SOFIA SANTOS, University of Lisbon, BALBIR SINGH, University of Colorado Boulder, & JOSHUA CORRELL, University of Colorado Boulder

#### **The Role of Individuation Instructions in Reducing the Cross-race Effect**

FRANSISCO CRUZ, Universidade de Lisboa, TOMAS PALMA, Universidade de Lisboa, EMIL BANSEMER, University of Colorado

Boulder, JOSH CORRELL, University of Colorado Boulder, SARA FONESCA, Universidade de Lisboa, PATRICIA GONÇALVES, and ANA SOFIA SANTOS, Universidade de Lisboa



## **Symposium**

### **Linguistic and Cognitive Processing in Bilinguals**

Thu 8:30AM - 10:20AM

Salon 12

Moderator: Michael Hylin, Southern Illinois University

In this symposium, we focus on language and cognition in bilinguals and second language learners. The assembled presentations span methodologies (behavioral, neural), populations (bilinguals, second language learners), and statistical tools (cluster analysis, regression) for an interdisciplinary approach to studying non-native language learning and processing. The first study examines how aspects of bilingual language experience, such as proficiency and use, impact mouse-tracking trajectories and brain signal complexity during executive control tasks. Using machine learning, the second study employs cluster analysis to identify bilingual subgroups with similar linguistic profiles and compares their performance on cognitive tasks of processing speed, attention, language, and memory. The third study examines the role of procedural memory in supporting second language grammar learning. The fourth study investigates whether bilingualism impacts use of filler pauses during processing and learning of novel words. The fifth study focuses on lexical acquisition during second language learning and explores whether a survival context leads to better encoding of words in a foreign language. Together, the five presentations provide compelling evidence that learning multiple languages changes cognitive and neural processing.

#### **Complexity of Bilingualism on the Brain and Behavior**

JOHN G. GRUNDY, Iowa State University, ASLI YURTSEVER, Iowa State University, JOHN A. E. ANDERSON, Carleton University

#### **Bilingualism Predicts NIH Toolbox Cognition Battery Scores: A Cluster Analysis**

ASHLEY CHUNG-FAT-YIM, Northwestern University, SAYURI HAYAKAWA, Northwestern University and Oklahoma State University, VIORICA MARIAN, Northwestern University

**Cognitive Mechanisms Supporting Adult Language Learning**

JOSH BUFFINGTON, University of Illinois Chicago, KARA MORGAN-SHORT, University of Illinois Chicago

**Disfluency Effects on Processing and Learning in Monolinguals and Bilinguals**

EMMA LIBERSKY, University of Wisconsin-Madison, MARGARITA KAUSHANSKAYA, University of Wisconsin-Madison

**Survival and Emotion—Keys to Learning a New Language**

JEANETTE ALTARRIBA, University at Albany, State University of New York



**Professional Development Session:  
Doing Good with Data: Bringing DEI to Psychology Statistics**

Thu 8:30AM - 10:20AM

Kimball

**8:30 Doing Good with Data: Bringing DEI to Psychology Statistics**

Ann Holmes, University of Louisville; Lauren Girouard, University of Louisville

Statistics and methods courses are opportunities to infuse diversity, equity, and inclusion (DEI) into psychology programs. One way to do this is to use datasets simulated from published DEI-related articles. We will demonstrate using R to simulate data for example problems and provide guidance for incorporating DEI into class materials.

**Professional Development Session:  
Supporting High School Psychology**

Thu 8:30AM - 10:20AM

Madison

**8:30 Supporting High School Psychology**

Bryan Gerber, Stark State College/Psi Alpha; Nevin Enering, Kent State University/Psi Alpha

Professional development session designed for anyone supportive of high school psychology. We will discuss pathways to secure assistance and support from colleagues teaching psychology on all levels. APA best practices will be discussed. We will review goals of preparing high school students to gain an appreciation for psychological science.

**Professional Development Session:  
Cultural Similarities and Differences in the Classroom - Opportunities  
and Challenges**

Thu 8:30AM - 10:20AM

Wilson

**8:30 Cultural Similarities and Differences in the Classroom:  
Opportunities and Challenges**

Selena Kohel, Cottey College

The goal of this session is for those who teach or who otherwise manage people to expand their awareness and knowledge of general cultural dimensions and how cultural similarities and differences may manifest in their work. From this, they may be able to make intentional choices regarding cultural inclusion.

**Professional Development Session:  
How to Save Democracy: Countering misinformation disinformation and alternative facts**

Thu 8:30AM - 10:20AM

Logan

**How to Save Democracy: Countering misinformation disinformation and alternative facts**

Elizabeth Schwab, The Chicago School of Professional Psychology; Kristijan Civljak, The Chicago School of Professional Psychology; Julie Benesh, The Chicago School of Professional Psychology

Cognitive and socio-affective elements drive our ability to understand trustworthiness, accuracy, beliefs, and familiarity, thus impacting our decisions. Prebunking (preemptive measures), and debunking, (reactive measures) are two ways addressing misinformation and disinformation. Participants will experience activities for shifting methods of information evaluation through the use of the WRAP model.

**Professional Development Session:  
Open Science, Registered Reports, and Scientific Publication**

Thu 9:00AM - 10:20AM

Salon 04/09

Kevin L. Ladd, Indiana University South Bend

The presentation outlines Open Science Practices in the Psychology of Religion as they currently stand. The content highlights the unique value and process of Registered Reports as a way of working with some journals to gain critical feedback and "in principle" guarantees of publication prior to data collection or analysis.

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**MPA Invited Presidential Address**

**The Curious Role of Curiosity in Student Learning**

Stephen Chew  
Samford University

Thurs. 10:30AM – 11:30AM

Crystal

Moderator: Joan R. Poulsen, Indiana University-Purdue University Columbus

Student mindset, the attitudes towards and beliefs students hold about a topic, has a major impact on learning. Teachers can strive to make their presentations clear, accessible, and engaging, but if students are not receptive to what we are teaching, they are unlikely to learn. Students often come to psychology courses believing they already know a lot about the topic. They may not see a need to learn anything beyond what they already know. These students lack curiosity. Curiosity is a trait, some people are generally more curious than others, but it is also a state that can be stimulated or extinguished. In this presentation, I will discuss what curiosity is, how to engender curiosity in students, and how it affects student learning.



**Invited Workshop**

**Strategies and Considerations for Mentoring Student Replication Work  
in Psychology**


Thu 10:30AM - 12:20PM

Logan

Jordan R. Wagge, Avila University; Holly France, Avila University; Sydney Gardner, Avila University

This workshop will address strategies for conducting replication work with students, relevant to a range of class types and sizes. Our focus will be preparing instructors to mentor close replications through the Collaborative Replication and Education Project, although we will walk through considerations relevant to general replication work with students.

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## Learning & Education

Thu 10:30AM - 12:20PM

Salon 12

Moderator: Eric Wesselmann, Illinois State University

### **10:30 Is Creativity Related to Success in College?**

Jean E. Pretz, Elizabethtown College

Creativity, critical thinking, extracurricular involvement, and meaning in life are predictors of college academic success. Creativity was associated with first-year GPA but not graduation GPA. For certain majors, academic performance was associated with higher creativity but for others, the most creative students were most likely to drop out.

### **11:00 Collaborative creative problem solving: Are two heads better than one?**

Alexander Knopps, North Dakota State University; Kathryn Wissman, North Dakota State University

Thinking creatively and working collaboratively are important skills for students. The Remote Association Task (RAT) is an increasingly used tool by researchers to measure creativity. However, no research has examined the effectiveness of working collaboratively using this measure. We explored how engaging in collaborative versus individual problem-solving impacts creativity.

### **11:15 Understanding How Goal-directed Prompts Alter Study Behaviors**

Tricia Guerrero, University of Illinois at Chicago; Thomas D. Griffin, University of Illinois, Chicago; Jennifer Wiley, University of Illinois at Chicago

Only 2% of graduating high-school students can understand complex materials at the level at which they can apply information. The current study tested whether test-expectancies can increase performance on application questions, and sought to understand how reading behaviors change when readers are provided with a test-expectancy using eye-tracking.

### **11:30 Learning the Control-of-Variables Strategy During an Informal Science Lesson**

Katie Asaro, Kent State University; Bradley Morris, Kent State University; Whitney Owens, Cincinnati Museum Center; Jacob Cason, Cincinnati



Museum Center; Yin Zhang, Kent State University; Michelle Rivers, Kent State University; John Dunlosky, Kent State University

In this study we embedded a brief intervention about the control-of-variables strategy in a food-science lesson. Results from pre- and post-activity surveys suggest that a brief intervention such as this can have a meaningful impact on children's understanding of conducting a quality experiment.

### **11:45 A Longitudinal Analysis of Predictors of Sixth Grade Math Scores**

Nadia Nosworthy, Andrews University; Rachelle Pichot, Notre Dame University; Jocelyn Willis, Andrews University

A longitudinal study on math ability collected data from students in Kindergarten and 6th grade. Regression analyses revealed that 29.4% of the variance in 6th grade math ability was predicted by four factors measured in Kindergarten: a student's ability to add, their level of initiative, language score, and parent presence.

### **12:00 Study Strategies Predict Final Grades, Regardless of Preferred Learning Style.**

Brandon Whittington, Jefferson College

In a sample of undergraduate community college students enrolled in psychology courses, a regression model found that retrieval practice (positive) and highlighting (negative) predicted final course grades, regardless of preferred learning style. Results add another "nail in the coffin" to learning styles theory and support previous learning science findings regarding effective study strategies.

## **Dating Abuse**

Thu 10:30AM - 12:20PM

Salon 01

Moderator: Allison Farrell, Miami University

### **10:30 Gender, Childhood Abuse & Sexuality Education Associate with Emotional Dating Abuse**

Ishita Munshi, Cleveland State University; Liz Goncy, Cleveland State University; Katherine Clonan-Roy, Cleveland State University; Kimberly Fuller, Cleveland State University; Shereen Naser, Cleveland State University

This study investigates emotional dating abuse among a diverse sample of young adults associated with adverse childhood experiences and sexuality education. Being a cisgender woman, a gender minority, experiencing childhood sexual abuse and learning about sex through porn related to victimization or perpetration of emotional dating abuse.

### **10:45 Dating Sexual Perpetration & Alcohol Use Moderated by Child Sexual Abuse**

Ishita Munshi, Cleveland State University; Peter Hochman, Cleveland State University; Liz Goncy, Cleveland State University

Little research examines if problematic alcohol use and childhood sexual abuse history interact to associate with sexual dating abuse perpetration. Moderation analysis highlighted an interaction between problematic alcohol use and childhood sexual abuse history as associated with dating sexual abuse perpetration.

### **11:00 Alcohol and Drug Use Predicting Pandemic Cyber Dating Abuse**

Ishita Munshi, Cleveland State University; Liz Goncy, Cleveland State University

With stay-at-home orders during the pandemic, cyber communication became crucial adding to cyber dating abuse. Problematic alcohol and drug use also became more prevalent. We found that problematic drug use but not alcohol use was associated with both cyber dating abuse perpetration and victimization during the pandemic.

### **11:15 Reliability of Multi-Informant Reports on Emotional Dating Abuse**

Marissa Dongarra, Cleveland State University; Sophia Cook, Cleveland State University; Liz Goncy, Cleveland State University

This study compared multi-informant reports on emotional abuse in a romantic relationship using self-report, partner-report, and unacquainted observer reports. Findings revealed that self-reports disclosed the most emotional and verbal abuse, with unacquainted observers reporting the least. These results may indicate that self-report measure may be used to inform treatment planning.

### **11:30 Social Support's Impact on Depression Symptomatology in Dating Abuse Victims**

Peter Hochman, Cleveland State University; Ishita Munshi, Cleveland State University; Brian Brooks, Cleveland State University; Liz Goncy, Cleveland State University

This study sought to analyze the effects of dating abuse on reported depression symptoms in conjunction with quantifying the moderating effect that familial and peer social support had on this relationship, with the goal of being able to identify a focal point for treatment, for clinicians in the future.

## COVID-19 and Psychology

Thu 10:30AM - 12:20PM

Chicago

Moderator: Ernest Park, Grand Valley State University

### **10:30 Belief in COVID-19 Conspiracy Theories Predicts Less Stress and Greater Contentment**

Javier Granados Samayoa, The Ohio State University; Courtney Moore, The Ohio State University; Benjamin Ruisch, University of Kent; Shelby Boggs, The Ohio State University; Jesse Ladanyi, The Ohio State University; Russell Fazio, The Ohio State University

People gravitate toward conspiracy theories when experiencing threat. However, prior research has failed to document that conspiracy beliefs alleviate such threat. Here, we demonstrate that COVID-19 conspiracy beliefs predict less stress and greater contentment when precursors of such beliefs like psychological distress and conspiracist ideation are taken into account.

### **10:45 Pandemics Past: Collective Memories for a Global Community?**

NIDA BIKMEN, DENISON UNIVERSITY

Three online surveys revealed that while U.S. nationals who identify with all humanity are more interested in learning about pandemics in history, they are not more knowledgeable about them. Knowledge of past pandemics modestly contributed to support for global cooperation for pandemic preparedness and compliance with health-protective behaviors.

### **11:00 Distrustful Complacency and Pandemic Reactions in the U.S. and Worldwide**

Quinnehtukqut McLamore, University of Missouri at Columbia; Stylianos Syropoulos, University of Massachusetts Amherst

Three studies examine whether initial observations that participants low in concern for infection and in political trust are at elevated risk of non-compliance with public health behavior. Wide cross-national generalization was observed, but specific U.S. data suggests the position of political trust sources matters.

### **11:15 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 has been related to clutter-related outcomes in previous literature. It was hypothesized that 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 fear of COVID-19 and reactance were related to clutter.

### **11:30 The Impact of COVID-19 on non-Native English-Speaking Students**

Jennifer LaCosse, University of Michigan Flint

The present work examines whether, like other minority groups, non-native English-speaking (NNES) students have been disproportionately affected by COVID-19. Results revealed that NNSE students reported that COVID-19 had significantly more of a negative impact on their life, their college experience, and their mental health when compared to native English-speaking students.

### **11:45 Post Traumatic Growth Among Nursing Home Employees During COVID-19**

Elaine Eshbaugh, University of Northern Iowa; Eran Hanke, University of Northern Iowa

While some nursing home employees experienced burnout during COVID, others showed significant post-traumatic growth and found meaning in the experience. Our research focused on predictors of post-traumatic growth among those employed in nursing homes during the pandemic.

## **Self-Regulation & Goal Pursuit**

Thu 10:30AM - 12:20PM

Salon 03

Moderator: Geoffrey Durso, DePaul University

### **10:30 The Dynamics of Self-Control**

Paul Stillman, Yale University

The real-time dynamics of self-control are poorly understood. Here, I test different models of how self-control unfolds (impulse inhibition vs. dynamic competition) by applying a novel analytic approach to mouse-tracking data. This approach reveals the diversity of self-control and helps us build towards a more nuanced understanding of what self-control is.

### **11:00 Moderating Effect of Regulatory Focus on Agency and Engagement**

Heekyung Kee, Rutgers University

The study focuses on the moderating effect of Regulatory Focus (RF)

between Student Agency (SA) and Student Engagement (SE). The results show that cognitive belief, which is RF, significantly affects engagement in interacting with the agency. Our data suggest agentic engagement is strongly impacted by factors primarily promotion focus.

### **11:15 Hidden Costs of High Self-Control**

Samantha Lapka, The Ohio State University; Franki Kung, Purdue University; Justin Brienza, The University of Queensland; Abigail Scholer, University of Waterloo

Whereas past work shows that people high in self-control enjoy many benefits, this research demonstrates that being perceived as having high self-control can come with potential downsides. High (vs average) self-control targets were viewed as more robot-like by participants, and this related to some negative social outcomes for those targets.

### **11:30 Matching Effects of Self-Regulatory Preferences in One's Social Network**

Mengdi Huang, Northwestern University; Daniel Molden, Northwestern University

The present research examined how self-regulatory preferences affect the social networks people construct. Truth-and-bias modeling revealed that people's regulatory focus (promotion vs. prevention) matched the perceived focus of their social network largely due to their accurate tracking of this focus rather than any bias or self-projection of their own focus.

### **11:45 Goal Phases Influence Expectations of and Reactions to Support**

Alysson E. Light, University of Chicago; Emma Chodos, Illinois School of Professional Psychology; Krusha Patel, St. Joseph's University  
Although goal support improves goal outcomes, support may not always be anticipated or appreciated. In three studies, we manipulated or measured goal phase mindsets (deliberative, implemental, or action crisis). Implemental mindsets predicted higher anticipated support and more positive reactions to support compared to action crisis.

### **12:00 The Role of Self-regulation Depletion in LGBQ Behavioral Health Outcomes**

Zane Ballard, Marquette University; Debra Oswald, Marquette University  
We investigated associations between LGBQ identity authenticity, self-regulation depletion, and negative behavioral health outcomes. The results suggest that self-regulation depletion may warrant additional research as a potential contributor to LGBQ health disparities.

## **ACEs, Trauma, and Domestic Violence**

Thu 10:30AM - 12:20PM

Indiana

Moderator: Stephanie Little, Wittenberg University

### **10:30 Emotion Regulation Mediates Adverse Childhood Experiences and Rejection Sensitivity**

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

This study investigated the mediating role of adaptive and maladaptive cognitive emotional regulation strategies in the relationship between adverse childhood experiences (ACES) and rejection sensitivity (RS) in adolescents. The findings revealed that self-blame, positive reappraisal, and refocus on planning strategies partially mediate the relationship between ACES and RS.

### **10:45 Natural Health Community Program and Well-Being of Domestic Violence Survivors**

Madeline Glawe, Marquette University

The purpose of this study was to evaluate a program offering natural healing services, and to explore how engagement in services related to the well-being of survivors of domestic violence. We provided evidence of the positive impact of a community-based program on survivors' overall well-being, specifically their feelings of hope.

### **11:00 Social Anxiety as a Moderator Between ACEs and Depression**

Breanna Meadows, Cleveland State University; Swanaya Gurjar, Cleveland State University; Liz Goncy, Cleveland State University

This study examined whether ACEs and social anxiety interacted in predicting depression. Individuals with low ACEs/low social anxiety had the lowest depression, those with high ACEs/low social anxiety showed moderate depression, and those with high social anxiety and low or high ACEs showed the highest levels of depression.

### **11:15 Toward Conceptualizing Resilience of Children Exposed to Intimate Partner Violence**

Victoria White, Xavier University; Ahlam Lee, Xavier University

Using a systematic review of 28 peer-reviewed articles, we identified risk and protective factors associated with resilience status in children exposed to intimate partner violence (IPV). The risk and protective factors we identified provide a conceptual understanding of how to help traumatized children build their resilience.

**11:30 Adverse Childhood Experiences: Mediation of ACEs when Predicting School Problems**

Evan Harrington, Chicago School of Professional Psychology; Elaine Fletcher-Janzen, Private Practice

The Adverse Childhood Experiences scale (ACEs) and the BASC-3 SRP were administered to a sample of 1,040 inner city high school students. Parallel mediation analysis using the PROCESS macro indicated a partial mediation of ACEs through internalizing, inattention-hyperactivity, and adjustment when predicting school problems as measured by the BASC-3.

**11:45 I can finally relate: Collective Identity and Posttraumatic Growth**

Kayla Benson, Oakland University; Paxton Hicks, Oakland University; Kanako Taku, Oakland University

The current study examines the relationship between collective identity and the posttraumatic growth domain of relating to others (PTG-RO). Regression analysis supported the hypothesis that individuals high in collective identity perceive more PTG-RO following stressful or traumatic events.

**12:00 Trauma Disclosure and Self-Injury in Sexual and Gender Minority Students**

Warner Mynntti, Eastern Michigan University; Kaitlyn McCarthy, Eastern Michigan University; Jennifer Muehlenkamp, University of Wisconsin-Eau Claire; Eamonn Arble, Eastern Michigan University

Sexual and gender minority (SGM) students exposed to trauma exhibited increased self-injurious thoughts and behaviors (SITBs) and negative reactions to trauma disclosure. Further analyses will examine if disclosure reactions moderate the association from SGM status to SITBs.

**Mental Health and Substance Use**

Thu 10:30AM - 12:20PM

Salon 10

Moderator: Sarah K. Keedy, University of Chicago

**10:30 Substance use and mental health experiences of urban youth**

Sitara Weerakoon, Yale University School of Medicine

Youth substance use co-occurs with poor mental health. Particularly, urban youth are exposed to neighborhood-level trauma which increases the risk of substance use and poor mental health. In a qualitative study, urban youth discussed factors relating to their social and physical environment that impact substance use and mental health.

### **10:45 The Therapeutic Elements of Al Anon Participation**

Jayne Kenney, Adler University

This study examined how participation in Al Anon, a 12 step fellowship for individuals impacted by another's alcoholism, impacts its members' subjective well-being. Analyses found that spirituality, service, sponsoring, and consistent, long-term attendance were positively correlated with improved mental health and daily functioning.

### **11:00 Adverse Childhood Experiences, Emotion Dysregulation and Mental Health**

Victoria Helm, Cleveland State University; Liz Goncy, Cleveland State University

Emotion dysregulation and adverse childhood experiences were both related to depression symptoms and problematic drug use among young adults. An interaction of emotion dysregulation and ACEs existed for problematic alcohol use, which was highest among those with high ACEs and high emotion dysregulation.

### **11:15 Understanding Endorsement of Addiction Models Through Latent Profile Analysis**

Jordan Waldron, University of Indianapolis; Jamie DeCoster, University of Virginia

It is important to understand endorsement of different addiction models. We conducted a latent profile analysis of the subscales from the Public Attitudes about Addiction Instrument. A three profile solution was chosen. Profiles were related to acceptance of harm reduction, pity, drug knowledge, and experience with alcohol use problems.

### **11:30 Does Emotion Dysregulation Mediate Associations between ACEs and Adolescent Depression?**

Swanaya Gurjar, Cleveland State University; Liz Goncy, Cleveland State University

The present study examined the role of emotion dysregulation as a mediator of the relationship between adverse childhood experiences (ACEs) and adolescent depression. Findings suggest that self-blame and ACEs are directly related to depression, underscoring increased vulnerability to depression as a result of exposure to traumatic events and internalizing mechanisms.



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**MPA Networking Event**

**Establishing Research Climate (even at teaching-focused institutions)**

**Hosted by: Alli Cipra, Governors State University**

Thur 11:00-11:50AM

Congress

Establishing and maintaining a research lab can be difficult, particularly at a teaching-focused university with few resources and a high proportion of first-generation students. While the challenges may be well-known, sometimes the solutions are not. We will spend this time discussing strategies that have worked for maintaining an active research lab focused on student training and advancement.

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**Professional Development Session:**

**Working with Bilinguals and Multilinguals: Research, Practice, and Community**

Thu 10:30AM - 12:20PM

Salon 04/09

**10:30 Working with Bilinguals and Multilinguals: Research, Practice, and Community**

Viorica Marian, Northwestern University; Perla Gamez, Loyola University Chicago; Lillian Ardell, Language Matters, LLC; Amanda Lucchetti, Rush University Medical Center; Jili Sun, Northwestern University

To foster inclusion of linguistically diverse populations, this session brings together academics, clinicians, and private practitioners for an exchange of ideas and discussion on best practices when conducting research, providing

clinical and educational services, or working with bilingual and multilingual populations.

**Professional Development Session:  
Evidence-Based Best Practices for Syllabi**

Thu 10:30AM - 12:20PM

Kimball

**10:30 Evidence-Based Best Practices for Syllabi**

Eleni Pinnow, University of Wisconsin-Superior; Amy Hunter, Seton Hall University

This session will provide an overview of evidence-based best practices for syllabi construction including student engagement; roles and expectations for students and instructors; tone; and accessibility. Session participants will have the opportunity to revise their own syllabi with guidance and support from Project Syllabus reviewers and editors.

**Professional Development Session:  
Use Your Master's Degree to Improve Mental Health Outcomes**

Thu 10:30AM - 12:20PM

Wilson

**10:30 Use Your Master's Degree to Improve Mental Health Outcomes**

LeeZa Ong, Marquette University; Alexandra Kriofske Mainella, Marquette University; Karisse Callender, Marquette University; Emily Raclaw, Marquette University; Bernadette Heitschmidt, Marquette University; Taylor Housing, Mercy Home for Boys and Girls, IL.; Diana Rhyne, VA Vocational Rehabilitation

Are you passionate about being a mental health services provider and working directly with clients? We will present three different sorts of degree programs, emphasizing master's degree programs and financial support opportunities. A panel of students, counselors, and supervisors will share their perspectives on their academia and career endeavors.

**Professional Development Session:  
Discussing Sensitive Issues In and Out of the Therapy Room**

Thu 10:30AM - 12:20PM

Salon 06/07

**10:30 Ethical Framework for Social Media Use for Mental Health Professionals**

Zori Paul, Marquette University; Nikki Hurless, Tarleton State University; Nishi Ravi, Marquette University

This presentation will look at the different ways that social media can be used as a tool for advocacy, education, and research by mental health professionals. This presentation will also propose an ethical framework for social media for mental health professionals to follow.

**11:30 Psychology of climate change in and out of the therapy room**

Noa Heiman, University of Colorado

In this session we will discuss psychological and cultural reasons for how we have gotten to the present moment in terms of the climate crisis. The session will also discuss how to manage patients expressing climate anxiety and/or grief in therapy.

**Professional Development Session:  
ED 101 - Approaching Food, Weight, and Body Image with Clients**

Thu 10:30AM - 12:20PM

Madison

**10:30 ED 101: Approaching Food, Weight, and Body Image with Clients**

Erica Antonucci, Skyway Behavioral Health; Riley Maloney, Skyway Behavioral Health

Eating disorders are often missed in clients who do not fit the image of a thin young woman. However, due to the lethality of eating disorders, it is imperative that clinicians screen clients regardless of body size or gender. This workshop will provide foundational knowledge of eating disorders and encourage experiential engagement with the material.

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**MPA Invited Presidential Address**

**Mental health impact on community members following mass violence incidents**

Angela Moreland-Johnson  
Medical University of SC

Thu 1:00PM - 2:45PM

Crystal

Moderator: Sunde Nesbit, Iowa State University

Mass violence incidents (MVIs) have multiple immediate and long-term psychological/behavioral effects on victims and the community. The current presentation will provide preliminary results from 2078 adult community members in three of these MVI sites: 1) Parkland, Florida; 2) El Paso, Texas; and 3) Pittsburgh, Pennsylvania. Results will describe PTSD and depression at each site as well as potential risk and protective factors. We will also examine ripple effects in MVI communities including fear of MVIs and MVI-related restriction in lifestyles and behavior.

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**Invited Workshop**

**Multilevel Analysis of Data from  
Experience-Sampling and Diary Studies**

Thu 1:00PM - 2:50PM

Logan

Jeffrey Kahn, Illinois State University

Psychologists often study how processes unfold over time via experience-sampling or diary studies. This workshop will address how to apply multilevel modeling to such data by describing statistical models, common hypotheses, R code for testing hypotheses, and interpretation of results. Background knowledge in regression analysis would be helpful for this workshop.

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## Self & Identity

Thu 1:00PM - 2:50PM

Salon 04/09

Moderator: Kristijan Civljak, The Chicago School of Professional Psychology

### **1:00 Self-defining Attitudes Influence Judgements of One's Past and Future**

Jesse Ladanyi, The Ohio State University; Jacob Teeny, Northwestern University; Russell Fazio, The Ohio State University

Self-defining attitudes (SDAs) help us understand and express who we are, but SDAs can also bias self-related knowledge. Two experiments manipulated self-definition via a writing task, and they found that SDAs influence both reconstructions of one's past actions and predictions of one's future behavior.

### **1:15 Letters to Juliet: Hope as a function of relationship-contingent self-esteem**

Michele Acker, Otterbein University

This study examined themes of self-worth and hopefulness as evidenced in a sample of English-language help-seeking letters sent to the Juliet Club in Italy. Using reflexive thematic analysis, we found that relationship-contingent self-worth, regardless of the positivity of the current relationship, was related to hopelessness in women.

### **1:30 Mindfulness as a Potential Self-Esteem Booster**

Carina Pham, Queen's University; Tara MacDonald, Queen's University; Rachael Quickert, Queen's University

We examined whether mindfulness is particularly beneficial for low self-esteem individuals. Participants were randomly assigned to a mindfulness or control condition after receiving negative feedback. Among low self-esteem participants, those in the mindfulness condition reported higher post-feedback self-esteem relative to the control. This pattern reversed among high self-esteem participants.

### **1:45 Tradeoffs of Machine and Nature Metaphor Use**

Samantha Heiman, Indiana University-Bloomington; Amanda Diekman, Indiana University

Everyday language includes metaphors that compare people's behavior to

nature or machines. Machine metaphors were associated more with work and less with positive emotions than nature metaphors. They were also shown to have a negative relationship with self-compassion. This suggests tradeoffs of invoking machine metaphors in educational and workplace settings.

### **2:00 Power Dynamics and Interpersonal Goals Predict Mental Imagery Perspective**

Stephanie Stewart-Hill, The Ohio State University; Lisa Libby, The Ohio State University

People often share stories about life experiences and may mentally picture those events either from their own or an observer's visual perspective while describing them to others. Power dynamics and interpersonal goals predicted storytellers' imagery perspective: storytellers who were more focused on others pictured events more from an observer perspective.

### **2:15 The Efficacy of Frame Coaching - A Life Coaching Method**

Bruce LeBlanc, Black Hawk College

Frame Coaching is an efficacious brief life coaching method. Frame Coaching utilizes a literal framing process for an autonomously generated and self-articulated life issue. Through framing and goal processing, individuals work on goal attainment. Additionally, as a goal-setting method, it has utilization implications for counseling and clinical psychology.

## **Memory**

Thu 1:00PM - 2:50PM

Salon 12

Moderator: Jordan Wagge, Avila University

### **1:00 A Direct Comparison of Updating from Semantic and Episodic Memory**

Sydney Garlitch, Millikin University; Christopher Wahlheim, University of North Carolina at Greensboro

We examined mechanisms of updating from semantic and episodic memory. Participants retrieved words from semantic and episodic memory, learned a new related or unrelated word, and then their memory was tested. The results showed roles for semantic relatedness and integrative encoding in supporting both types of memory.

### **1:15 Experimental Design Impacts the Relationship of Future Thoughts and Memories**

Jared Branch, Avila University

It is theorized that memories, future thoughts, and counterfactual thoughts rely on a singular neurocognitive system. Past research has observed overlap in the phenomenological characteristics when using a within-subjects design. I compare within-subjects and between-subjects designs and observe greater significance and larger effect sizes in the within-subjects design.

### **1:30 Incidentally Encoded Temporal Associations Produce Priming in Implicit Memory**

Abigail Mundorf, Michigan State University; Mitchell Uitvlugt, Michigan State University; Karl Healey, Michigan State University

Some leading memory theories claim that information about the relative order of events is encoded and retrieved automatically, predicting that temporal information affects even implicit retrieval. Consistent with these theories, we found that that words originally experienced nearby in time cued one another in both free recall and repetition priming.

### **1:45 First-gaze differentiation of item and relational memory strength**

Jonathon Whitlock, University of Illinois at Urbana-Champaign; Yipei Lo, University of Illinois at Urbana-Champaign; Huiyu Ding, University of Illinois at Urbana-Champaign; Lili Sahakyan, University of Illinois

Viewing behavior is guided by long-term memory, including previously encountered relations among items. First-gaze measures of viewing demonstrate eye-movement expressions of memory occur as immediately as when the first test item is sampled, reflecting the quality of both Item and Relational memory, including in situations when recognition is unsuccessful.

### **2:00 Eyewitness Descriptions: Failure to Mention Distinctive Features**

James Lampinen, University of Arkansas; Gage Regier, The University of Mississippi; Andrew Provenzano, Penn State Scranton; Amber Giacona, University of Arkansas

Participants watched simulated crime videos in which the perpetrator had one of three distinctive features (facial hair, tattoo, piercing) or no distinctive features. We calculated negative predictive value and found that failing to mention a distinctive feature, when the suspect has that feature, provides exculpatory evidence.

### **2:15 Searching for Proactive Interference in Prospective Memory**

Elizabeth Wiemers, Bradley University; Hunter Ball, University of Texas at



Arlington

In many ways, prospective memory and retrospective memory behave similarly. However, proactive interference seems to be an exception. In several conditions, we attempt to induce proactive interference in prospective memory to test this perceived immunity. It remains largely illusive, but we are able to show it under certain constraints.

### **2:30 Forgetting Events in Parts or Wholes**

Gabriel Radvansky, University of Notre Dame; Daniela Parra, University of Notre Dame

Our study explored the degree to which event models are forgotten as wholes, or show fragmented forgetting. Memory was assessed for concept triples, sentences, and novels. The result revealed that event model forgetting is more likely to be done in terms of wholes rather than in a fragmented way.

## **Race and Ethnicity I**

Thu 1:00PM - 2:50PM

Chicago

Moderator: Shane Pitts, University of Alabama at Birmingham & JHT Inc

### **1:00 The Persistence of Race: How Racial Information May Impede Cross-Race Identification and Friendship**

Balbir Singh, University of Colorado Boulder

Race is a highly salient cue. For years' the cross-race recognition deficit has demonstrated that people have a more challenging time recognizing faces of other races. In this talk, I will extend this research to identification. Data shows that race is invariant to target familiarity. Perceivers are faster to categorize cross-race familiar and unfamiliar targets versus same-race targets.

### **1:30 Excluding "Them": Are Outgroups Automatically Excluded or Only When They Are Burdensome?**

Zachary Sparks, The Ohio State University at Newark; Bradley M. Okdie, The Ohio State University; Jim Wirth, The Ohio State University at Newark

Does intergroup social exclusion occur at the group level or only when the outgroup is also burdensome? Across three studies, we find that outgroups generally, and burdensome outgroups specifically, elicit more negative responses and are more likely to be excluded. This is the first experimental test of intergroup social exclusion.

### **1:45 Interracial Social Support: What [not] to say**

Vanessa Ivy, Ohio State University; Lisa Libby, The Ohio State University; Steven Spencer, The Ohio State University

Across two studies we find that empathy (vs. sympathy) from a White support giver to a Black receiver is viewed as less supportive when the context is racial. People seem to recognize that when they do not have shared experiential similarity, sympathy (vs empathy) may be more supportive.

### **2:00 Impact of Racial Discrimination by Police on Posttraumatic Stress in Black Adults Post-Injury**

Timothy Geier, Medical College of Wisconsin; Sydney Timmer-Murillo, Medical College of Wisconsin; Terri deRoon-Cassini, Medical College of Wisconsin

Race-based discrimination increases PTSD risk post-injury in Black Americans; yet little is known about how the distinct experience of police discrimination impacts adjustment post-injury in this population. This study examines the impact police-based discrimination has on acute stress reactions and PTSD development in Black Americans post-injury.

### **2:15 Allyship messages: How therapist identities and messaging influence Black women**

Sheba Aikawa, University of Colorado Boulder; Evava Pietri, University of Colorado, Boulder

This research explores how therapists' racial/gender identities and messaging impact Black women. Black women viewed Black therapists as more trustworthy, higher in allyship, and more persuasive than White therapists. A targeted message aiming to signal allyship increased perceptions that the therapist was an ally but harmed the White therapist's trustworthiness.

### **2:30 Racial Microaggressions in Counseling: Coping Using Internalization and Resistance Strategies**

Mariam Saad, University of Detroit Mercy; Lee Eshelman, University of Detroit Mercy

This study explored the relation between racial microaggressions in counseling and mental health among Black women. More than half of participants reported experiencing at least one microaggression in counseling. Increased frequency of racial microaggressions predicted increased use of internalization to cope with discrimination, which then predicted increased mental health difficulties.

## **Race and Racial Identity**

Thu 1:00PM - 2:50PM

Salon 06/07

Moderator: Kimberly Rios, Ohio University

### **1:00 Seeing Asian Americans**

Jin Goh, Colby College/University of Illinois, Chicago

Asian Americans are incredibly diverse but their heterogeneity is oft-overlooked. By taking a sociohistorical approach, I will talk about how different Asian American subgroups are perceived in accordance to their historical trajectories in the US. By acknowledging their rich history and heterogeneity, we can see Asian Americans more clearly.

### **1:30 Intergroup Perceptions of Discrimination**

Neelamberi Klein, Indiana University Bloomington; Kurt Hugenberg, Indiana University; Cheryl Dickter, William & Mary; Adrian Bravo, William & Mary  
To study how White individuals perceived discrimination and hypervigilance faced by race and gender minority targets (Non-Hispanic White, Black, Asian, Middle Eastern, Native-Indigenous, Latinx-Hispanic, and Mixed-Race men and women), White participants completed a modified “others focused” version of the Everyday Discrimination and Heightened Vigilance scale for these 14 groups.

### **1:45 Racial Minority Solidarity: Effect of Discrimination Type on Perceived Similarity**

Tatum Leclair, Loyola University Chicago; Robyn Mallett, Loyola University Chicago

A study with Asian and Asian American participants found that ingroup, outgroup, and joint discrimination manipulations did not lead to significant differences in perceiving similarity with a target outgroup, Black people in the U.S. Ongoing research will test other factors relating to racial minority group solidarity.

### **2:00 Narrow prototypes of Asian subgroups: Implications for the #StopAsianHateMovement**

Samantha Pejic, Toronto Metropolitan University; Jason Deska, Toronto Metropolitan University; Lucas Baron, Toronto Metropolitan University; Karen Chan, Toronto Metropolitan University

Who is represented by the #StopAsianHate movement? Data from three studies ( $N=450$ ) demonstrate that Americans perceive East Asians to be more represented by the movement than South Asians. This perception drives

biases in credibility, traumatization, and appropriateness of reporting beliefs following hate crime victimization.

### **2:15 Adapting and Evaluating Honest, Open, Proud Program to Chinese**

Sang Qin, University of Wisconsin Madison; Madeline Oppenheim, Illinois Institute of Technology; Lindsay Sheehan, Illinois Institute of Technology; Miranda Twiss, Illinois Institute of Technology

Honest, Open, Proud (HOP) program is a peer-led, evidence-based anti-stigma program developed in Western culture. A community-based participatory research team adapted HOP to people with serious mental illness in China and evaluated its satisfaction, feasibility, and preliminary impact. This presentation reports the adaptation process and the evaluation outcomes.

### **2:30 American Identity and Implications for Replacement Beliefs and Immigration Attitudes**

Gabriel Zita, University of Nebraska - Lincoln; Cynthia Willis Esqueda, University of Nebraska, Lincoln

We examined how American identity (AI) is predictive of notions of White replacement, with mediation from negative immigration attitudes. A mediation model indicated AI had direct effects on White replacement attitudes, with indirect effects from negative immigration attitudes. Racialized versions of AI may form the basis for modern extremism.

## **Sexual Violence and Moral Misconduct**

Thu 1:00PM - 2:50PM

Salon 05/08

Moderator: Claire Etaugh, Bradley University

### **1:00 Surviving Sexual Assault Together: Partners' Perceptions of Relationship Distress**

Holly Swearingen, Washburn University

Sexual assault survivors with PTSD symptoms can experience relationship distress impacting partners. Parallel literature suggests PTSD symptoms may be misinterpreted by military veterans' spouses as relationship distress. We explore how these factors are perceived by survivors' partners and whether they are moderated by partners' perceptions of the source of distress.

### **1:15 Sexual assault gossip: who do we tell and why?**

Emma Walquist, Oakland University; Christina Byrd, Oakland University; Melissa McDonald, Oakland University

We examine whether women are motivated to gossip about sexual assault with the intention to reduce sexual violence. Results show that women (relative to men) are more likely to share sexual assault stories, particularly to women recipients. For men and women, the primary motive is to warn the woman recipient.

### **1:30 The Daughter Defense: Perceptions of Responses to Sexual Misconduct Allegations**

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

Across three studies, I investigated perceptions of the *Daughter Defense*, the act of men who mention their daughter(s) when denying sexual misconduct allegations. While men with daughters were perceived more positively than men without daughters in the abstract, the *Daughter Defense* increased perceptions of guilt, particularly among political rivals.

### **1:45 Social Support and Gender-Based Violence Revictimization in Transgender Individuals**

Janessa Garcia, The University of Akron; Dawn Johnson, The University of Akron

Transgender and nonbinary (TNB) individuals are largely excluded from the literature on gender-based violence (GBV) and our understanding of social support does not consider TNB experiences. Results showcase the rates of GBV and the relationships between aspects of social support and GBV. We discuss implications for research and counseling psychology.

### **2:00 Personal misconduct elicits harsher professional consequences for artists (vs. scientists)**

Joe Siev, The Ohio State University; Jacob Teeny, The Ohio State University  
Findings from an archival dataset covering four decades of sexual misconduct investigations conducted by American universities of their employees ( $N=619$ ) and three preregistered experiments ( $N=2,594$ ) show that the punitive consequences imposed on perpetrators of personal misconduct and their work are influenced by the perceived *artistic-versus-scientific* nature of their professional contributions.

## **2:15 Folk Explanations of Aggressive Behaviors and Desires for Apologies?**

Randy J. McCarthy, Northern Illinois University; Jared Wilson, Northern Illinois University

Perpetrators who gave “belief” explanations for their aggressive behaviors wanted to give an apology much less than participants who gave “causal history of reasons” explanations. This underscores how perpetrators’ explanations can emphasize (or de-emphasize) the deliberateness of their harmful behaviors and how this can affect factors related to making amends.

## **Risk Factors and Diverse Youth**

Thu 1:00PM - 2:50PM

Indiana

Moderator: Nicole Campione-Barr, University of Missouri

## **1:30 Racial Bias Influences Children’s Development and Racialized Schooling Experiences**

Kamilah Legette, University of Denver

Dr. Legette will summarize qualitative and quantitative research to describe two mechanisms that elicit racial bias in teachers’ practices —teachers’ beliefs about causes of racial inequity and their emotional responses to students—as well as the implications of these mechanisms on teachers’ racialized practices.

## **2:00 The Openness to Diversity Program for Promoting Cultural Empathy**

Suejung Han, Illinois State University; Estrella Gomez Hernandez, Illinois State University; Trevor Goodman, Illinois State University; Allie McLarty, Illinois State University; Audrey Strain, Illinois State University

This study examined the effectiveness of a peer-led, 2-hour psychoeducational program *Openness to Diversity* (OtD) in promoting an appreciation of cultural differences and cultural empathy among college students. Results showed the OtD was effective in motivating behavioral approach to cultural differences.

## **2:15 Risk Factors for Suicide among Black and Hispanic Youth**

Sitara Weerakoon, Yale University School of Medicine

Black and Hispanic youth are at increased risk of suicide compared to other racial/ethnic groups. This may be due to increased poor mental health because of experiences such as racism, discrimination, and inequity. Risk factors for suicide among this population remain understudied.

## **2:30 Cyberbullying in Black Youth and the Impact of Parental Monitoring**

Catherine Forster, Southern Illinois University-Carbondale; Mary Louise Cashel, Southern Illinois University; Tammy Kochel, Southern Illinois University-Carbondale

This study examines the incidence and prevalence of cyberbullying victimization and perpetration in Black American youth and empirically evaluates the protective role of parental monitoring. Relations among cyberbullying, coping and conflict resolution skills are additionally assessed. We discuss implications for prevention and intervention.



### **Symposium**

#### **Interpersonal Connection: The Role of Emotion & Synchronization**

Thu 1:15PM - 2:50PM

Salon 03

Emotions are biologically based but are often socially driven and experienced in the company of others. Indeed, there is an intimate relationship, not only in how our emotions affect our physiology, but how they affect the physiology of those with whom we interact. Sharing emotional experiences elicits an emotional and physiological resonance between interacting partners. This resonance has come to be known as interpersonal synchrony. This symposium explores factors affecting interpersonal synchrony in friend dyads.

#### **Effect of Trait Empathy on Emotional Synchrony in Friend Dyads**

DREW BOLISAY, Marquette University, JOIA WESLEY, Marquette University, NAKIA S GORDON, Marquette University

#### **Neural connections within interpersonal synchronization and emotion regulation**

KEARA J. KANGAS, Marquette University

#### **Levels of Emotional Connectedness in Friendship Dyads**

SARA SWANECK, Marquette University

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**Professional Development Session:  
How to Incorporate Trauma-Oriented Care in Daily Practice**

Thu 1:00PM - 2:50PM

Marshfield

**1:00 How to Incorporate Trauma-Oriented Care in Daily Practice**

Courtney Kibble, Governors State University; Mary McClure, Governors State University

Trauma-informed care allows us to better understand symptoms and recovery by implementing strategies that promote overall wellness and address barriers to recovery that are related to their personal history and current functioning. This presentation focuses on establishing a common language that enhances this communication with clients to ensure well-rounded care.

**Professional Development Session:  
Implementing Multidimensional Wellness into Practice and Self-Care Routines**

Thu 1:00PM - 2:50PM

Wilson

**1:00 Implementing Multidimensional Wellness into Practice and Self-Care Routines**

Kierra Peterson, Illinois State University

In this professional development presentation, the participants will learn how they can enhance multidimensional wellness and achieve their personal and professional wellness goals. This includes mental, physical, emotional, spiritual, vocational, social, environmental, and intellectual wellness domains. Participants will interact with others to strengthen their wellness plan and proactively overcome obstacles.



**Professional Development Session:  
Participatory Community Action Research: Description, Illustrative  
Model, and Consultative Process**

Thu 1:00PM - 2:50PM

Madison

**1:00 Participatory Community Action Research: Description, Illustrative  
Model, and Consultative Process**

Sarah Clark, University of Dayton; Caroline Born, University of Dayton; Tia Turner, Wayne State University; Roger Reeb, University of Dayton; Greg Elvers, University of Dayton; Ian Robinson, University of Dayton; Kathryn Hurley, University of Dayton; Anna Kopsick, University of Dayton; Kyle Ennis, University of Dayton

This session will (a) describe Participatory Community Action Research (PCAR), (b) illustrate each component of PCAR by referencing an ongoing (decade-long) PCAR project focused on homelessness, and (c) provide a “consultative process” whereby conference attendees obtain guidance, input, and recommendations on their own ideas for PCAR projects.



**Applied Social Psychology Poster Session**

Thu 1:00PM - 2:50PM

Exhibit Hall

**1 Avoiding the Reaper: Predicting Morbid Curiosity**

Amber Sanders, Murray State University; Jana Hackathorn, Murray State University

Morbid curiosity, a mixture of excitement, fear, and compulsion to know about horrid subjects (e.g., death) is common; however, little is known about its purpose or origin. This study examined individual differences correlates (e.g., death anxiety, avoidance, empathy). Results indicated low death avoidance was the only predictor of morbid curiosity.

**2 “She Should Have Left Her Job”: Perceptions of (Working) Mothers**

Christabel Rogalin, Purdue University Northwest; Cheryl DeLeon, Purdue University Northwest-Westville

We analyze qualitative data from a project that sought to replicate and extend the “good mother stereotype.” Preliminary analyses show that participants

provide more positive statements about mothers than negative. Negative statements tend to be about mothers returning to work and are more intense while positive statements are general.

### **3 Colorblind Ideology, White Fragility, and Anti-racism in White Liberals**

Brianna Mabie, DePaul University

Liberals say they oppose racism, but they vary in levels of support for anti-racist or colorblind policies, along with expressions of white fragility. Higher levels of liberalism were found to be associated with higher levels of anti-racism, and lower levels of colorblind ideology and white fragility, which diminish anti-racism.

### **4 Examining factors that predict people's attitudes toward punishing juvenile offenders**

Taylor Wadian, University of Cincinnati, Blue Ash College; Erin Sharp, University of Cincinnati Blue Ash College

We examined the extent to which age of juvenile, type of crime, source of fault, and perceptions of recidivism uniquely predict the general public's attitudes toward punishment within the juvenile justice system. Results revealed that fault attributions and perceptions of recidivism uniquely predicted participants attitudes. Implications are discussed.

### **5 Effect of Intellectual Disability on the Belief in Confessions**

Laura Liljequist, Murray State University; Audree Carner, Murray State University

This study examined whether laypeople believe an individual with intellectual disability might falsely confess. After viewing a videotaped interrogation and confession, participants indicated belief in suspect's guilt. The findings suggest that participants believed the suspect to be guilty, whether or not he had an intellectual disability or later recanted.

### **6 The Effects of Context and Induced Guilt on Abortion Attributions**

Keith Jones, Central College; Gabriella Petruzzello, Central College; Natalia Mindowicz, Central College

Using attribution theory and past research on disgust, this study analyzed the effects of disgust and context on attributions toward abortion patients. A main effect for abortion context was observed while disgust had no effect. Personal variables (e.g., religiosity, gender) may help clarify the role of disgust.

## **7 Trust in Science: Initial Perceptions during the COVID-19 Pandemic**

Bernard L. Dugoni, University of Chicago

A comparison of reported Trust in Science as indexed by variables collected in the General Social Survey were compared between 2018 and 2021.

Differences among political affiliation groups are reported and methodological considerations for scale development are discussed.

## **8 Correlates of Optimism Among Justice-Involved Women Who Use Opioids**

Matt Webster, University of Kentucky; Martha Tillson, University of Kentucky; Jaxin Annett, University of Kentucky; Mary Levi, University of Kentucky; Michele Staton, University of Kentucky

Demographic, individual difference, and mental health correlates of optimism were examined in a sample of justice-involved women who use opioids. The presence of mental health symptoms, impulsivity, perceived stress, and substance use stigma negatively correlated with optimism, whereas self-esteem, resilience, recovery capital/empowerment, and social support were positively associated with optimism.

## **9 Higher FOMO makes being excluded on social media feel worse**

Angela Rose, Kansas State University; John Pagen, Kansas State University; Laura Brannon, Kansas State University

Being left out can make us feel bad, even when it happens on social media.

We explored whether recency of a post, closeness to the person who posted, and FOMO are related to how negative we feel in response to being excluded on social media.

## **10 Choice Ideology Affects Perceptions of Women Leaving STEM Education**

Lisa Kirr, University of Missouri-St. Louis; Bettina Casad, University of Missouri-St. Louis; Michelle Ryan, The Australian National University

Our study examined the influence of priming a choice ideology (vs a neutral mindset) on participants' attributions of why a target woman left a STEM major for a non-STEM major. Results support the hypothesis that people primed with a choice ideology make more internal attributions and overlook potential sexism.

## **11 Black Men's In- and Out-Group Perceptions**

Keith Jones, Central College; Quevion Baker-McCaulay, Central College; Ryan Roberts, Central College; Riley Gatton, Central College

To better understand person perception processes in underrepresented groups,

Black men were asked to perceive either a Black or White male target who had or did not have tattoos. Participants showed a typical in-group bias based on race. Additionally, they rated the Black target with tattoos the most positively.

### **12 Violence and company liking in support of strikes**

Darcy Acevedo-Torres, The Ohio State University; Richard Petty, Ohio State University, Columbus

Various factors can influence how the public interprets different worker strikes, and that by extension affect their perception of the company being struck against. These include whether violence occurred, people's opinion of the company, and how certain they are in their opinion of the company.

### **13 Asymmetries Between Victims' and Perpetrators' Perceptions and Judgements**

Teddy Schupack, Northern Illinois University

This study offers further evidence supporting the victim-perpetrator asymmetry (VPA). After successfully replicating effects from Leunissen et al. (2013), Adams and Inesi (2016), and McCarthy et al. (2022), we sought to supplement these effects by capturing responses of most measures from both perspectives (i.e., victim and perpetrator).

### **14 The Effect of Sexual Consent Phrasing on Interpretations of Consent**

Elise VanParis, Wayne State University; Antonia Abbey, Wayne State University; M Colleen McDaniel, Wayne State University

Researchers have found that rates of sexual aggression perpetration vary significantly based on the phrasing used in the measure to convey a woman's lack of consent. This poster qualitatively examines how men interpret three different phrasings of consent: make her, without her consent, and when she didn't want to.

### **15 True crime & Victim Blaming: Influence of Gender and Just-world Beliefs**

Christina Byrd, Oakland University; Melissa McDonald, Oakland University  
Women report a motivation to consume true crime to learn self-protection strategies. We examined whether this consumption increases victim-blaming among those with strong just-world beliefs. Results supported the hypothesis, but only among men. Future research should examine whether the gender discrepancy is due to variation in empathy for female victims.

## **16 Cyber-Aggression, Traditional Aggression, and Social Network in School-Aged Children**

Hui Zhang, University of Indianapolis; Samuel Bibat, University of Indianapolis; Carlie Grogan, University of Indianapolis; Madeline Rice, University of Indianapolis; William Sampson, University of Indianapolis; Jonathan Thang, University of Indianapolis; Charles Matthew Stapleton, University of Indianapolis; Robert Cohen, University of Memphis

This study examined the relations of 99 children's different forms of aggression and victimization (overt, relational, and cyber) to their social network characteristics (central position, ethnic diversity, and connective betweenness). Results indicated that network diversity was the strongest predictor of lower levels of aggression and victimization in various ways.

## **17 Personal and Professional Experiences Among Chicago Navigators Serving Minoritized Families**

Viviana Uribe, University of Illinois at Chicago; Jacqueline Moses, University of Illinois at Chicago; Leo Perez, University of Illinois at Chicago; Melanie Tran, University of Illinois at Chicago; Dana Rusch, University of Illinois at Chicago; Brittany Rudd, University of Illinois at Chicago; Marc Atkins, The University of Illinois at Chicago; Tara Mehta, University of Illinois at Chicago

We examined navigators' personal/professional experiences and compared their identities to minoritized families served. Navigators reported similar social identities and use of early intervention, special education, and mental health services to families. Previous employment included mental health- and education-related positions. Findings suggest navigators' experiences position them well to engage families.

## **18 A qualitative analysis of the positive aspects of LGBTQ+ identity**

Paloma Unda, Loyola University Chicago; Byron Brooks, Loyola University Chicago; Nicole Hodgkinson, Loyola University Chicago; Kaylah Denis, Loyola University Chicago; Andréa Kaniuka, University of North Carolina at Charlotte; Stacey Williams, East Tennessee State University; Sarah Job, University of Central Florida

We asked LGBTQ+ adults, "what do they love about being LGBTQ+?". 780 participants responded, and we used thematic analysis to evaluate the qualitative responses. We found themes of appreciation for the community, uniqueness, challenging social norms, compassion, valuing intimacy, cherishing their authenticity, and external validation for their identity.

## **19 Treatment differences in gender nonconforming college-students after sexual assault**

Kristy Keefe, Western Illinois University; Jonathan Hammersley, Western Illinois University

Prior research has begun to investigate the mental health presentation of transgender / gender non-conforming college students after sexual assault. Minority stress model suggests different gender identities experience additional stressors than cisgendered students. Transgender and gender non-conforming report higher scores on all symptoms, excluding alcohol problems at first session.

## **20 Bisexual+ Women of Color and Racial/Ethnic Collective Self-Esteem**

Zori Paul, Marquette University; Nishi Ravi, Marquette University

This poster presentation will discuss the findings of a study that surveyed a sample of 209 bisexual+ women of color to understand how the relationship between bisexual specific factors and racial/ethnic collective self-esteem predicts social appearance anxiety.

## **21 Not Kidding: Perceptions of Childfree Individuals**

Ashley Oehler, Indiana State University; Veanne Anderson, Indiana State University

We studied factors associated with attitudes toward childfree women and men. Childfree people did not elicit more moral outrage than people wanting children. Surprisingly, childfree men were rated as less psychologically fulfilled than childfree women. Participants' desire to have future children did not predict attitudes toward childfree people.

## **22 Sporting Gender: College Athletes' Attitudes toward Trans Athletes**

Jaclyn Merrill, Indiana State University; Veanne Anderson, Indiana State University

We studied factors associated with college athletes' attitudes toward trans athletes. Trans men athletes were viewed more positively than trans women athletes, especially among participants who played team sports. Gender-segregated transprejudice, e.g., use of public restrooms, predicted attitudes toward trans athletes but gender-integrated transprejudice, e.g., access to healthcare, did not.

## **23 Pilots help families: Do counter-stereotypical job descriptions increase occupational flexibility?**

Megan Fulcher, W&L University; Grace Boudreau, Washington and Lee University

The current study examines how gendered job descriptions influence children's preferences for jobs and visions of their future selves. It is hypothesized that children who hear counter-stereotypical descriptions of nontraditional jobs will show more flexibility in occupational aspirations—as a result, possibly lessening the prevalence of gender-dominated occupational fields.

#### **24 Body-Identity Congruence and Psychological Wellbeing in Transgender and Gender Diverse Adolescents**

Val Wongsomboon, Northwestern University; Claire Coyne, Lurie Children's Hospital of Chicago; Kathryn Macapagal, Northwestern University  
This study examined the association between body-identity congruence (BIC)-the extent to which physical appearance aligns with gender identity or expression-and psychological wellbeing in 214 transgender and gender diverse (TGD) teens. We found that TGD teens with greater BIC reported greater psychological wellbeing and lower mental health problems.

#### **25 Neurodiversity Considerations in Employee Selection: A Win-Win Opportunity**

Allen Huffcutt, University of Wisconsin Green Bay; Sara Murphy, The University of Winnipeg

A recent report found twice as many open jobs as available workers, which individuals with neurodiversity (e.g., ADHD) could help fill. Utilizing several prominent resources (e.g., O\*NET), we identified occupations highly matched to their skill profiles, and outline recommendations for companies to adapt selection systems to avoid disadvantaging neurodiverse candidates.

#### **26 The Role of Conservatism in Evaluations of Diversity Statements**

Megan Ximenes, University of Nebraska at Omaha; Abigail Folberg, University of Nebraska Omaha; Matt Swanson, University of Nebraska at Omaha; Laura Brooks Dueland, University of Nebraska, Omaha; Sarah Stepanek, University of Nebraska at Omaha; Carey S. Ryan, University of Nebraska, Omaha

We examined employer requests for DEI statements. More conservative participants evaluated them more negatively (regardless of rationale), perceived a request for a statement consistent with conservative values more positively, and their evaluations were not independent of racism. Thus, conservative objections to DEI statements may be less principled than they seem.

## **27 Organizational Culture and the COVID-19 Pandemic**

Cheryl Boglarsky, Human Synergistics, Inc.; Catherine Kwantes, University of Windsor

Archival data of 295 organizations regarding what types of organizational culture challenges they sought consulting help for before and during the pandemic were analyzed. The results suggest that organizations are paying closer attention to their cultures, and seeking intervention when organizational cultures are less extreme than before the pandemic.

## **28 Are Faculty Members Ready to Quit? Organizational Commitment among Faculty Members**

MacKenzie Grenko, University of Northern Iowa; Tenzin Kalsang, University of Northern Iowa; Tenzin Urygen, University of Northern Iowa; Helen C. Harton, University of Northern Iowa; Taylor Brown, University of Northern Iowa; Alexa Roudabush, University of Northern Iowa; Katelyn Luedke, University of Northern Iowa

Full time faculty at four year institutions completed a questionnaire assessing job attitudes. Faculty who reported higher burnout indicated greater intentions to leave their position or retire early. Lack of administrator support/respect, work-life balance, and having a child at home related to decreased organizational commitment.

## **29 Predicting Burnout in Graduate Students Using Job Demands-Resources Theory**

Katelyn Luedke, University of Northern Iowa; Taylor Brown, University of Northern Iowa; Alexa Roudabush, University of Northern Iowa; MacKenzie Grenko, University of Northern Iowa; Tenzin Urygen, University of Northern Iowa; Tenzin Kalsang, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

Consistent with the Job-Demands Model (Bakker & Demerouti, 2014), graduate students reporting more graduate school demands reported more burnout, but resources were not related to burnout. High course workload, lack of school-life balance and poor financial support were the greatest predictors of burnout.

## **30 Labor Market Size and Employment of Persons with Disabilities**

Charlotte Jackson, Illinois Institute of Technology; Virakti Shah, Illinois Institute of Technology; Melissa Hall-Jacobsen, Illinois Institute of Technology

Labor markets that have many job-seekers may create an environment ripe for employers to discriminate against people with disabilities. Statistical analyses



using U.S. Census data is used to support this hypothesis. States with low overall employment rates (i.e., many job-seekers) show greater employment discrepancies for those with disabilities.

### **31 Motivation Mediates the Relationship between Interpreters' Self-Efficacy and Skills**

Andrea M Olson, St. Catherine University; Laurie Swabey, St. Catherine University

There is a shortage of qualified American Sign Language (ASL)-English interpreters and a relatively low pass rate for national certification. Results from 162 early career interpreters showed that motivation mediates the relationship between self-efficacy and perceived interpreting skills, which may be useful in helping interpreters improve their skills.

### **32 Differential Roles of Autonomy and Relatedness in Predicting Discretionary Behaviours**

Amirreza Talaei, University of Windsor; Catherine Kwantes, University of Windsor

Research shows that satisfaction of basic psychological needs is associated with positive and negative work outcomes. This study showed that the need for Relatedness is more strongly related to positive work outcomes whereas satisfaction of the need for Autonomy is more strongly related to negative work outcomes.

### **33 Ukrainian Accents Influence Perceptions in Job Interviews**

Karl Kelley, North Central College; Viktoriya Chornopyska, Aurora University; Tabitha Judd, North Central College

Participants evaluated interviews of candidates with Ukrainian accents or no (midwestern) accents. Prior to the Ukrainian war, those with accents were viewed as having lower technical and social skills. During the war, perceptions of technical skills increased for those with accents but they were viewed as lacking social skills.

### **34 The Effects of Reframing Anxious Behavior on Subjective Job Performance**

Tony Hermann, Bradley U.; Miah Stiefel, Bradley University; Candace Esken, Bradley University

Can reframing anxious behavior can improve supervisor impressions? Participants read scenarios describing anxious workplace behavior stemming from situational or dispositional causes where the actor reframed the behavior using approach or avoidance frames and rated the actor's work performance.

Both types of explanations improved ratings but only for dispositional scenarios.

### **35 Examining the dynamic nature of leadership identity formation through priming**

Rachel Strong, Middle Tennessee State University; Erika Allen, Middle Tennessee State University; Andy Teeters, Middle Tennessee State University; Denise Ealy, Middle Tennessee State University; Elizabeth Key, Middle Tennessee State University; Emily Maldonado, Middle Tennessee State University; Kendall Perssico, Middle Tennessee State University; Karolina Nieberle, Durham University; James Houston, Middle Tennessee State University

In the present study, we examined whether leadership identity schemas could be modified by using a primed lexical decision task. Results provided partial support for the conceptualization of a dynamic leadership identity process.

### **36 NSFW: Challenges in Interpreting Flirtatious & Sexual Behavior at Work**

Brianna Weitlauf, Murray State University; Jana Hackathorn, Murray State University

This study investigates factors related to successfully identifying workplace flirtation motivations. Preliminary analyses found significant differences in understanding of flirtatious and sexually harassing behaviors between on-site employees and those participating in remote work. These results have serious implications for employers seeking to prevent sexual harassment in the workplace.

### **37 Individual Differences in Sexual Promiscuity**

Melanie Reyes, Saint Louis University; Eddie Clark, Saint Louis University  
We examined individual differences in sexual promiscuity.

Conscientiousness, extraversion, and sensation seeking predicted sexual promiscuity. In addition, we demonstrate that although men may be more likely to prefer a short-term sexual strategy, women may still engage in short-term sexual relationships under certain conditions.

### **38 Examining Academic Entitlement between Pre- and Post-Pandemic College Students**

Emmaline Brown, University of Cincinnati; Taylor Wadian, University of Cincinnati, Blue Ash College

Using a cross-sectional approach, the present study examined pandemic-related changes in undergraduate students' perceptions of and expectations

concerning their education. Despite mean-level increases in academic entitlement and (external) locus of control within the post-pandemic student population, results revealed that students continue to be satisfied with the education they are receiving.

### **39 Post-Event Rumination, Perfectionism, and Social Anxiety**

Xavier Brown, Murray State University; Patrick Cushen, Murray State University; Sam Freville, Murray State University; Morgan Macke, Murray State University; Tyler Robinson, Murray State University; Jordan Pearsall, Murray State University; Sarah Overton; Tristen Brown, Murray State University

This study looked at the relationship between post-event rumination, perfectionism, and social anxiety. In this two-part study, participants first completed a charades game including both a positive and negative event. One week later, their rumination for those events was measured and its association with perfectionism and anxiety was analyzed.

### **40 Perfectionism and Academic Burnout in High-Achieving Undergraduate Students**

Hannah Faiman, University of South Dakota

This study examined how perfectionism and academic burnout are related and how each construct varies among honors ( $n = 120$ ), high-achieving non-honors ( $n = 180$ ), and typical ( $n = 196$ ) undergraduate students. Implications for higher education are discussed, with a focus on increasing student resources and reducing perfectionistic concerns.

### **41 Adults with High Grit-Consistency Less Likely to Have Higher-Ed Degree**

Cole Holt, Miami University; Katherine Knauft, Miami University; Vrinda Kalia, Miami University

Attaining any degree is a difficult accomplishment. We explored the relation between facets of grit and highest degree attained in a sample of 409 community adults. Grit-Consistency, which is sustained interest in a long-term goal, was negatively associated with highest degree attained. Data suggest Grit-Consistency is relevant for degree attainment.

### **42 The Translation of Anime, Personality Traits, and Cognitive Load**

Liberty Kinder, Marshall University; April Fugett, Marshall University; Keith Beard, Marshall University; Morgan Kinsey, Marshall University

Investigate whether Big Five personality traits predict a person's preference for subbing and dubbing. Results indicated that parts of the Big Five

Personality traits are significant for dubbing. Future research should examine this in the context of cognitive load.

#### **43 Who Really Calls the Shots? Sport Fandom and Conspiracy Beliefs**

Hillary Copeland, Murray State University; Daniel Wann, Murray State University

This study examined relationships among belief in sport conspiracy theories, dysfunctional sport fandom, uniqueness needs, and boredom proneness.

Results indicate dysfunctional fans may endorse sport conspiracy beliefs because they offer a sense of unique knowledge possession and these beliefs likely appeal to alleviating their feelings of boredom.

#### **44 Examining the Social Motivations of Conspiracy Thinking**

Hillary Copeland, Murray State University; Sean Rife, Murray State University

This study investigated social motivations of conspiracy thinking, focusing on the need to belong and identity-uncertainty, and how meaning and purpose in life may moderate these relationships. Our results suggest that experiencing a sense of meaning and purpose may interact with the influence of identity-uncertainty on conspiracy thinking.

#### **45 Personality & Smartphone Use: The Mediating Role of Coping**

Jacob Livingstone, University of Windsor; Greg A. Chung-Yan, University of Windsor

Problematic smartphone use (PSU) is becoming more prevalent in our society given how much we rely and depend on our devices. This study examined how individual differences (specifically personality traits) predict people's smartphone use behaviour, through how they cope with stress.

#### **46 Personality, Trauma & Pop Culture**

Morgan Kinsey, Marshall University; April Fugett, Marshall University; Britani Black, Marshall University; Keith Beard, Marshall University; Liberty Kinder, Marshall University

Supervillains are often a creation of their own traumatic backgrounds and circumstances. Similarly, sixty percent of adults have experienced a traumatic event as children (Merrick et al., 2018). This research examines how trauma-related experiences and personality impact participant character endorsement.

#### **47 The Relationship of Mindfulness, Gender, and Cyberbullying in Chinese Children**

Hui Zhang, University of Indianapolis; Jonathan Tacker, University of Indianapolis; Charles Matthew Stapleton, University of Indianapolis; Robert Cohen, University of Memphis

The present study examined the relationship between trait mindfulness and cyberbullying among 488 elementary-aged Chinese children. A significant association was found between trait mindfulness and cyberbullying among girls, but the association was not significant among boys. The implications bode positively for the incorporation of mindfulness-based programs in school anti-bullying interventions.

#### **48 Does Arousal (Caffeine) Differentially Affect Estimation of Introverts and Extraverts?**

Mary Jean Lynch, North Central College; Christina Gaggiano, North Central College

We examined whether higher levels of arousal (introversion or caffeine) cause individuals to overestimate the number of people within a crowd. Participants consumed caffeinated or decaffeinated coffee and estimated numbers of faces differing in emotionality. Larger sets were increasingly underestimated, but there were no significant interactions between personality and caffeine.

#### **49 Individual Differences as Predictors of High-Stakes Academic Performance**

Alexandra Ilie, Illinois State University; Dan Ispas, Illinois State University; Taylor Flinn, Illinois State University; Dragos Iliescu, University of Bucharest; Kimberly Schneider, Illinois State University

We investigate achievement motivation and cognitive ability as predictors of high-stakes academic performance (a national standardized exam). Eight-hundred and twenty-four Romanian high-school students completed measures of achievement motivation and cognitive ability. Results show that both individual differences predicted academic performance. Achievement motivation showed incremental validity over cognitive ability.

#### **50 Exploring Individual Differences in Conversation Interpretation**

Yasmine Griffin, Ball State University; Allison Sederlund, Ball State University; Thomas Holtgraves, Ball State University

We developed an expanded behavioral conversation interpretation task. Participants read or listened to a conversation containing 21 target remarks that had potential indirect meanings. Liberals, and those scoring

higher on empathy, were more likely to endorse indirect interpretations of these remarks, relative to conservatives and those scoring lower on empathy.

### **51 The Dark Triad and Romantic Relationship Beliefs**

Steven J. Hoekstra, Kansas Wesleyan University; Audrey Sineath, Kansas Wesleyan University

A survey explored how Dark Triad traits (Machiavellianism, Psychopathy, Narcissism) related to relationship attitudes and behaviors. There were correlations with deception and poor conflict management, but no differences in attachment, self-efficacy, or self-disclosure. However, it is difficult to assess self-presentation biases in Dark Triad samples.

### **52 Substance Use, Religiousness, and Sexuality**

Rieanna McPhie, Indiana University - Purdue University Indianapolis;

Tamika Zapolski, Indiana University - Purdue University Indianapolis

The impact of religiousness on health outcomes has been inconsistent based on sexuality. With a sample of 1588 young adults, we investigated the relationship between substance use and religiousness among heterosexuals, homosexuals, bisexuals, and others. We found that homosexuals and bisexuals with higher religiousness also had higher problem substance use.

### **53 Microaggressions in the Context of Workplaces**

Catherine Kwantes, University of Windsor; Wendi Adair, University of Waterloo

A better understanding of how the context of work, including organizational culture, can impact microaggressions can help organizations create better strategies for training and improving organizational culture to minimize microaggressions in the workplace. This research proposes a new model of microaggressions specific to organizational contexts.

### **54 Personality and Social Media Usage During a Global Pandemic**

Lindsey Hieber, University of Wisconsin-Milwaukee

This study investigated the potential relationships between personality traits (Big Five), mental health (depression, anxiety, and stress), and social media behaviors during the global pandemic. It was found that some personality traits are significantly associated with some social media behaviors. Further research is needed to obtain more specific results.

### **55 Firefighter recruits' mental skills use before and after workshops**

Landon Braun, University of Wisconsin-Milwaukee; Chloe Ouellet-Pizer, University of Wisconsin-Milwaukee; Elizabeth Menden, University of

Wisconsin, Milwaukee; Kyle Ebserole, University of Wisconsin-Milwaukee; Barbara B Meyer, University of Wisconsin - Milwaukee  
The purpose of the current study was to describe firefighter recruits' use of 10 mental skills before and after participation in a series of mental skills educational workshops. Results indicate increased use of all 10 mental skills following completion of a series of three mental skills workshops.

### **56 Classifying Time Consumption for a Test Item**

Madelynn Denner, University of Notre Dame; Jasmine Collard, University of Notre Dame; Ying Cheng, University of Notre Dame

Classifying how time-consuming a test question is has several practical and pedagogical benefits. In this investigation, we used five classification techniques, each ranking an item's time consumption on a discrete scale of 1 to 4. Following model evaluation, we looked at what features were the most significant in doing

### **57 Community Experiences by Employment Status of Adults with Brain Injury**

Virakti Shah, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology; Georgianna Garrels-Rogers, Illinois Institute of Technology; Robert Beedle, Illinois Institute of Technology

Sense of community amongst working adults with TBI is relatively higher than their non-working counterparts which may be related to contribution and integration into their communities. Adults with TBI additionally report different types of communities as important for them. These findings may be incorporated into mainstream society to promote an

### **58 Do Theory of Mind and Experience Taking Influence Curriculum Violence?**

Shannon Pinegar, Miami University; Zak Ahmed, Miami University; Madison Legg, Miami University

News sources report problematic cases where educators assigned offensive class activities. We examined how Racism, Theory of Mind, and Experience Taking could influence endorsement of violent curricula. Theory of Mind increased with curriculum violence acceptance. This study helps to understand why specific educators may support violent curricula.

### **59 Promoting Diverse Perspectives Scale**

Diana Zaleski, University of Illinois Springfield; Hypatia Bolívar, University of Illinois Springfield

As part of a larger study that examined the impact of syllabi language, this

study developed a scale that examines undergraduates' perceptions of the promotion of diverse perspectives.

**60 Response Styles Improve Five Factor Model fit and Alter Interpretation**

George Bate, Rosalind Franklin University of Science and Medicine; Steven Miller, Rosalind Franklin University of Medicine and Science; Gregory Obert, Rosalind Franklin University Of Medicine and Science; Kristen Anderson, Rosalind Franklin University of Medicine and Science

Some individuals answer personality measures inconsistently by agreeing with contradictory statements or aspirationally by agreeing with desirable statements and disagreeing with undesirable statements. We compared model fit of personality data with and without response styles as latent variables in a large dataset. Results suggest modeling response styles improved model fit.

**61 Examining Change in Classroom Strategies After Trauma-Informed Care Training**

Olivia Cutshaw, University of West Florida; Karen Gouze, Center for Childhood Resilience; Carmen Holley, Center for Childhood Resilience; Margaret Meldrum, Ann & Robert H. Lurie Children's Hospital of Chicago; Caroline Kerns, Center for Childhood Resilience

This pilot study examines the effectiveness of the Ready to Learn Through Relationships program, which is designed to equip early childhood educators with specific trauma-informed strategies to use in their classrooms. Results showed significant improvements in teaching of emotion regulation strategies and use of a calming space in the classroom.



**Child and Adolescent Health Related Topics**

Thu 1:30PM - 2:50PM

Salon 10

Moderator: Colleen Biri, Lindenwood University

**1:30 What's in a Block?: Magnetic Blocks and Children's Scientific Predictions**

Jessica Pleuss, Morningside University

What about block play is important for children's science readiness skills?



Does the application of physics knowledge such as gravity and balance change when blocks are magnetically attracted to one another? This pilot study examines how children's scientific predictions differ by age and between tasks with magnetic and non-magnetic blocks.

### **1:45 Risks of Cyberbullying**

Ashley Harrison, Southern Illinois University Carbondale; Mary Louise Cashel, Southern Illinois University; Daryl Kroner, Southern Illinois University Carbondale

This study evaluated risk factors for cyberbullying victimization and perpetration in twenty-two schools in Southern Illinois. Risk factors included traditional bullying victimization (both), gender identification (victimization), social media usage (victimization), school climate (both), school safety (both), and rurality (perpetration). Implications for evaluating school climate and safety interventions are discussed.

### **2:00 Attention moderates the relationship between emotional intensity and emotional clarity**

Emma Church, Cleveland State University; Caitlin Tytler, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Through data gathered via robust experience sampling methodologies, the present study examined the role of attentional control on emotional intensity and clarity during peak distress, and throughout daily life. Results suggest that the interplay between emotional intensity and clarity may be moderated by attention. Clinical implications will be discussed.

### **2:15 Visual attentional control deficit specificity in depression and anxiety**

Caitlin Tytler, Cleveland State University; Emma Church, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

The present study examined the role of attention in differentiating between depressive and anxious states in an adolescent population through self-report and a visual attention disengagement task via E-prime and the Tobii x3-120Hz eye-tracking system. Findings suggest that attention deficits predicted worsening internalizing symptomatology. Clinical implications will be discussed.

### **2:30 Evaluation of utilization of Spanish primer in interventional radiology department**

John Park, California Baptist University

Approximately 16 million Latino individuals report limited English

proficiency in the U.S. Studies show that a translation aid can enhance communication and satisfaction in the medical setting for the patients and medical providers. To address this need, a Spanish primer (SP) was developed and utilized for interventional radiology (IR) procedures.

## **Teaching of Psychology Part I**

Thu 1:30PM - 2:50PM

Salon 01

Moderator: Jana Hackathorn, Murray State University

### **1:30 An IDEA for How to Improve Students' University Perceptions**

Jordan Arellanes, Illinois State University

Inclusion, diversity, equity and action (IDEA) are at the forefront of academic initiatives. Results of our academic intervention demonstrate that students have increased perceptions of the community, class, and faculty. IDEA class designs give students the space to learn about university resources and discuss challenging topics.

### **2:00 Can we effectively educate college students about bias online?**

Carlee Hawkins, Southern Illinois University Edwardsville; Kate Ratliff, University of Florida

We developed and evaluated two brief online educational programs to teach students about bias. In five high-powered samples of college students, the education increased objective and subjective bias knowledge, bias awareness and behavioral intentions to reduce bias, and had no effect on negative affect or belonging.

### **2:15 Multidisciplinary Approaches to Senior Research Capstone**

Christina Ragan, Georgia Institute of Technology

Psychology and Neuroscience research questions offer several opportunities for multidisciplinary approaches. For our Senior Research Project Capstone, student projects are enriched by collaborations in Neuroscience, Psychology, Biological Sciences, and Chemistry. Here I will discuss how to increase student opportunities for publication-worthy capstone projects through established collaborations across our institution.

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## Teaching of Psychology Part II

Thu 3:00PM - 4:50PM

Salon 01

Moderator: Chelsea Witt, University of Nebraska Lincoln

### **3:00 Training Undergraduates in Science Outreach: A Tool for Science Persistence**

Nikole D. Patson, Ohio State University; Laura Wagner, Ohio State University; Sumurye Awani, Ohio State University

In this qualitative study we examined the impact of public science outreach training on undergraduate students. Results suggest that science outreach training presents students with opportunities to identify as science experts which may increase their persistence in science. This may be particularly true for students from minoritized racial backgrounds.

### **3:30 Classroom Mastery Goal Structure: Perceptions of Syllabus Language**

Diana Zaleski, University of Illinois Springfield; Hypatia Bolívar, University of Illinois Springfield

This study examined the relationship between content-focused syllabi or learning-focused syllabi and students' perceptions of classroom goal structure. Participants demonstrated no significant difference in perceptions of classroom mastery goal structure between syllabus groups. However, students across groups perceived that classrooms were mastery goal structured.

### **3:45 Practice Quizzing and Exam Overconfidence**

Kristian Veit, Olivet Nazarene University; John Adams, Olivet Nazarene University

The primary purpose of this study was to explore the relationship between practice quizzing and exam overconfidence. Practice quiz statistics (e.g., number of attempts and average scores) were correlated with overconfidence across five exams. Results suggest that practice quizzing is inconsistently related to exam overconfidence.

#### **4:00 The Effect of Different Badge Types on Motivation and Performance**

Sebiha Balci, Kent State University; Bradley Morris, Kent State University  
The expected and unexpected badge types were compared based on their effects on online learners' intrinsic motivation and performance. While there was no difference between them, both badge types decreased learners' intrinsic motivation compared to the no-badges group. Also, no significant differences among groups were found in online learners' performance.

#### **4:15 Empowering Undergraduate Student Voices: Utilizing High-Impact and Participatory Action Practices in Research and Internship Experiences**

Brittany Sizemore, Indiana University Southeast  
Undergraduate experiential learning is vital to many students' college careers, especially at regional satellite campuses. In this talk, I will present strategies involving reflections, assessments, and photovoice activities that I have implemented in my supervision of psychology and neuroscience undergraduates in a non-human animal laboratory, internships, and independent studies.

### **Social Influence**

Thu 3:00PM - 4:50PM

Chicago

Moderator: Martin Bourgeois, Florida Gulf Coast University

#### **3:00 Surprising Social Judgments**

Geoffrey Durso, DePaul University

How do expectations and disconfirming experiences influence our judgments of others? In this talk, I highlight classic and contemporary perspectives on the interplay of expectancy, surprise, and resulting social judgments. My research in particular bridges trait attribution and emotion perception, with special attention to ambivalence, decision inaction, and consumer behavior.

#### **3:30 Change My Mind: The Impact of Measurement of Extreme Attitudes**

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

We examined the role of objective and subjectively measured attitude extremity on resistance to persuasion. Across three studies, contrary to traditional findings, we found evidence that objective extremity predicted

susceptibility to persuasive appeals, while subjective extremity predicted resistance to persuasive appeals. Implications for our understanding of attitude measurement are discussed.

### **3:45 Recruitment Strategies Bias Sampling and Shape Replicability**

Gabriella Avila Patro, Queen's University; Leandre Fabrigar, Queen's University; Thomas Vaughan-Johnston, Durham University; Li-Jun Ji, Queen's University; Faizan Imtiaz, Queen's University; Samantha Shang, Queen's University

Replicating psychological research has become an increasingly central concern for psychologists. Do recruitment strategies such as intrinsic and external motivation influence the replicability of studies? Findings suggest that replications of original studies differed based on how appealing participants found various recruitment strategy messages (e.g., cash, expedient credit, fun).

### **4:00 Capacity to Elaborate Arguments: The Role of Executive Functions in Persuasion**

Antonio Viera, Indiana University; Robert J. Rydell, Indiana University; Kurt Hugenberg, Indiana University; Edward Hirt, Indiana University-Bloomington

We examined the extent to which the executive functions of updating, shifting, and inhibition are important for persuasion that occurs at high levels of motivation. Those with greater updating ability showed greater elaboration of persuasive messages as indicated by attitude change in response to strong arguments relative to weak arguments.

### **4:15 The Effect of Intermediate Level of Representation on Belief Change**

Ava Camposarcone, Queen's University; Matthew Kan, Queen's University; Leandre Fabrigar, Queen's University; Catherine Calnan, Queen's University; J. Shelly Paik, Queen's University; Christina Nestor, Queen's University

In two experiments, we explore the effect of intermediate categories on belief formation and change. These studies suggest that knowledge of subgroups plays a moderating role on the effects of intermediate categories on belief change.

### **4:30 Perceived Receptivity and Influence in Social Networks Shapes Advocacy Intentions**

Jacob Goebel, The Ohio State University; Duane T. Wegener, The Ohio State University; Jason Clark, The Ohio State University

Network positions might influence advocacy target preferences, depending on goals (i.e., to convince one versus many). Participants targeted central group members when seeking to convince multiple people and bridges between two groups when seeking to convince just one. Central targets were seen as relatively influential and bridges as receptive.

### **Attitudes, Beliefs, and Stereotypes**

Thu 3:00PM - 4:50PM

Salon 06/07

Moderator: Teddi Deka, Missouri Western State University

#### **3:00 The Role of Psychological Factors in Attitude Toward Abortion**

Jiuqing Cheng, University of Northern Iowa; Ping Xu, Wenzhou University; Chloe Thostenson, University of Northern Iowa

The study examined the role of psychological traits in attitude toward abortion in the U.S. Unlike the slogans used in politics, people's view on abortion are heterogenous and complex. The study demonstrated that need for cognition, locus of control, and empathy play a significant role in attitude toward abortion.

#### **3:15 Elaboration Moderates Reliance in Meta-Cognitive Assessments: The Case of Attitude Certainty**

Lorena Moreno, Universidad Autónoma de Madrid; Pablo Brinol, Ohio State University / Universidad Autonoma Madrid; Richard Petty, Ohio State University, Columbus

This research examines the processes by which attitudes guide prosocial behavior. Four experiments showed that attitudes guided behavior to a greater extent when certainty in attitudes was high (vs. low). Furthermore, we showed that people are more likely to use their attitude certainty when thinking is high.

#### **3:30 Recalibrating Valence Weighting Biases to Mitigate Vigilance for Negative Cues**

Courtney Moore, The Ohio State University; Mujtaba Chughtai, The Ohio State University; Russell Fazio, The Ohio State University

Across two studies, individuals higher on rejection sensitivity indicated that morphing facial expressions changed from positive to negative at an earlier point, thus offering evidence of their vigilance for potential rejection cues. Recalibrating the negative valence weighting biases of rejection sensitive individuals mitigated this effect.

### **3:45 Curiosity in College: Can Promoting Students' Curiosity Increase Their Empathy?**

Alison Jane Martingano, University of Wisconsin - Green Bay; Sara Konrath, Indiana University & University of Notre Dame; Victoria Lagrange, Kennesaw State University; Jasmine Litton, Indiana University  
We evaluated whether curiosity can heighten empathy using two pre-registered experiments. We experimentally induced curiosity using a truncated video (study 1) and a curiosity icebreaker (study 2). Our results suggest there may not be a causal relationship between curiosity and empathy, however, we found support for a correlational relationship.

### **4:00 Mechanisms of Judgement Extremity via Repetitions Effects**

Minqian Shen, Queen's University; Isaac Lindenberger, Queen's University; Leandre Fabrigar, Queen's University; Duane T. Wegener, The Ohio State University; Richard Petty, Ohio State University, Columbus; Meghan Norris, Queen's University; Catherine Calnan, Queen's University; Jenalee Dymond, Queen's University

The present research examines three potential mechanisms driving increased extremity of evaluations via repeated judgements. Of the proposed mechanisms, we found support for the theory that extremity via repetitions is driven by ambiguous response mapping of scales, with extreme responses being misconstrued to represent confidence in judgements rather than extremity.

### **4:15 Predicting and Understanding Composting Behavior**

Adrian Parenteau, Metropolitan State University; Mark Stasson, Metropolitan State University

The Theory of Planned Behavior was used to understand and predict intentions to compost. Attitudes, perceived control, and particularly subjective norms were all predictors of intentions. Past and current social influences (family of origin and current friends) were closely linked to composting intentions.

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**Professional Development Session:  
Addressing Critical Gaps in Clinical Psychology Curricula**

Thu 3:00PM - 4:50PM

Indiana

**3:00 Addressing Critical Gaps in Clinical Psychology Curricula**

Robert Foltz, The Chicago School of Professional Psychology; Lexi Pope, The Chicago School of Professional Psychology; Judy Kupchan, The Chicago School of Professional Psychology, Chicago Campus

This session will explore the informed psychologist's role in collaborative care, underscoring their power to optimize treatment outcomes for children and adolescents. The audience will leave the session with the understanding that an education in trauma-informed care and psychopharmacological treatment is critical to the provision of effective, competent, and ethical service.

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**Outcome Research/Aging and Older Adulthood**

Thu 3:00PM - 4:50PM

Salon 10

Moderator: Eleni Pinnow, University of Wisconsin-Superior

**3:00 Modeling the Interrelationship between Well-Being and Functioning in the NHATS**

Hyewon Yang, Michigan State University; Richard Lucas, Michigan State University; William Chopik, Michigan State University

We examined trajectories of change in well-being, health, and cognition in old age ( $N=12,427$ ). Both well-being and health/cognition decreased over time, and trajectories were correlated. Those with worse positive emotion had steeper declines in health, but those with worse health only experienced less declines in purpose, not positive emotions.

**3:15 The Positive Effects of Nature in a Skilled Nursing Facility**

Sydni Adams, Bradley University; Wendy Schweigert, Bradley University



Nature has restorative effects on emotions and behavior, but little has been done to investigate this effect in skilled nursing facilities. The installation of silk plants and nature posters improved reported happiness and energy among residents of a facility's memory unit and decreased reported negative behaviors.

### **3:30 Using Face Morphing to Examine the Double Standard of Aging**

Eric Wilken, University of Oregon; Sophia Müller, Colorado State University; Mary E. Kite, Ball State University

We used face morphs to test the double standard of aging hypothesis. Results showed women were rated older sooner than men and these results held across target race. Faces of Latino women were rated older sooner whereas Black men were rated older later than any other race and gender combination.

### **3:45 Aging into Grace: Associations Between Age and Interpersonal Harmony**

Jason Snyder, DePaul University; Verena P Graupmann, DePaul University; Joseph Mikels, DePaul University

Using data from MIDUS, we show that aging may encourage one to adopt a more harmonious and interdependent view of one's relationships with others. Within-person changes and between-person differences in age were associated with interdependence-related constructs, suggesting that getting older and being older may encourage alignment between self and other.

### **4:00 Utilizing Predictive Models to Identify Optimal Therapy Conditions**

Suzannah Stone, Ohio University; Hadar Fisher, Bar-Ilan University; Sigal Zilcha-Mano, University of Haifa; Pavel Goldstein, University of Haifa; Timothy Anderson, Ohio University

Cross-validation machine learning algorithms were used to robustly identify predictors of treatment outcome and alliance in a sample of therapeutic dyads. Predictors included therapist and client personal characteristics and skills, client symptom/problem severity, and therapist training and theoretical orientation. Findings imply machine learning may help predict psychotherapy process and outcome.

### **4:15 Trajectories of Change in Weekly versus Biweekly Psychotherapy**

Tao Lin, Ohio University; Timothy Anderson, Ohio University; David Erikson, Brigham Young University; Ben Ogles, Brigham Young University  
Using growth mixture modeling, we examined the change trajectories of 1753 clients receiving biweekly therapy and 886 clients receiving weekly therapy at a university counseling center. Three trajectories were identified in both

weekly and biweekly therapy. Weekly therapy resulted in a greater proportion of positive trajectories than biweekly therapy.



## **Symposium**

### **Recognizing and Meeting the Needs of Military Personnel and Families**

Thu 3:00PM - 4:50PM

Salon 05/08

The United States has employed a volunteer-based armed services since the 1970s. Though some of the U.S. military's global operations have ended, their involvement in other operations persist. Thus, supporting the physical and psychological needs of these volunteer soldiers and their families present an important civic challenge for civilians, elected leaders, psychologists and other mental health specialists. This symposium provides several talks centered on how psychologists can better recognize, assess, and meet the needs of military personnel and their families. Some involve projects focused on veterans' families, friends, and other civilians. Some projects involve working directly with military personnel. Psychologists from a variety of disciplines should find something interesting in this symposium and hopefully inspiration for ways in which their own work could be relevant to military service members, veterans and their families.

#### **Massed PTSD Treatment's Impact on Well-being among Veterans and Servicemembers**

BRIANNA WERNER, Rush University Medical Center, CAILAN SPLAINE, Rush University Medical Center, RYAN SCHUBERT, Rush University Medical Center, SARAH PRIDGEN, Rush University Medical Center, PHILIP HELD, Rush University Medical Center

#### **Remembering the Fallen, Serving Survivors: The Illinois Gold Star Mission**

ERIC MURRAY, Director of Operations, Gold Star Mission, CHUCK KITSON, Assistant Director of Operations, Gold Star Mission

#### **The Gold Star Mission: Bicycle Ride to Remember the Fallen**

ERIN MARCHAND, Illinois State University, LARYSA BRANDYS,

Illinois State University, ERIC D. WESSELMANN, Illinois State University,  
MARK D. OLSON, Illinois State University

**The Gold Star Mission: Focus Groups with Gold Star Families**

EROS R. DESOUZA, Illinois State University, ERIN MARCHAND, Illinois  
State University, JESSICA MCKINLEY, Illinois State University,  
MORGAN STONG, Illinois State University, MARK E. SWERDLIK,  
Illinois State University

**Conducting Psychological Research at a Military College: Challenges  
and Opportunities**

STEVE A. NIDA, The Citadel



**Symposium**

**New Ideas in Eyewitness Research**

Thu 3:00PM - 4:50PM

Salon 12

Eyewitness evidence plays an integral role in criminal justice. This symposium will discuss metacognition, judgment and decision processes in the eyewitness context. Particularly, we will discuss eyewitness' beliefs in relation to estimator variables, the effects of false feedback on eyewitness' accuracy, underlying judgment processes in a simultaneous showup paradigm, and the utility of eyewitness behaviors to distinguish accurate from inaccurate eyewitnesses.

**Confidence, Decision Speed, and Language Distinguish Accurate from Inaccurate Eyewitnesses**

NYDIA T. AYALA, Iowa State, ANDREW M. SMITH, Iowa State, GARY L. WELLS, Iowa State

**Mental Filler Siphoning Is Present in Simultaneous Showups**

AMBER M. GIACONA, University of Arkansas, JAMES M. LAMPINEN, University of Arkansas

## **The Effects of False Feedback on Lineup Accuracy**

MORGAN H. WILSON, University of Arkansas, JAMES M. LAMPINEN,  
University of Arkansas

## **The Influence of Estimator Variables: Laypeople's Beliefs**

PIA PENNEKAMP, University of Arkansas, JAMES M. LAMPINEN,  
University of Arkansas



### **Symposium**

#### **Early Childhood Experiences Shape Emotion Processes over the Lifespan**

Thu 3:00PM - 4:50PM

Salon 03

This symposium explores the pathways by which early childhood experiences shape emotional reactivity, coping, problem behaviors, and treatment response. Understanding how early adverse versus protective experience leads to differences in these emotional processes is important for understanding the development of emotion-related disease. The information gained from the current investigations helps build a more comprehensive model of risk and resilience. Researchers report studies investigating the role of childhood adversity, specifically parental unpredictability, in exploration and decision making in a sample of adolescents. Other research reported will investigate the relationship between childhood sexual abuse and adult PTSD treatment outcomes, with a focus on distorted blame and co-occurring depression as moderators of the relationship. Additionally, researchers report an investigation of the role of parents' emotion socialization strategies in preschoolers' inhibited temperament and coping within the context of COVID-19. Finally, we report how early childhood experiences (considering adverse versus protective experiences) can shape in-vivo emotional reactivity to high stress contexts in at-risk adults. Taken together, these studies elaborate the pathways by which emotion processes are influenced by early-life. This information is useful for the development of more effective prevention and treatment targets for disorders of emotion processing that are often life-long.

**Preschool Inhibited Temperament, Maternal Emotion Socialization, and Coping during COVID-19**

ELIZABETH J. KIEL, Miami University, LAUREN B. JONES, Miami University

**Childhood Unpredictability and Action Learning in Adolescents**

KINJAL MEHTA, University of Wisconsin - Madison, YUYAN (LILLIAN) XU, University of Wisconsin - Madison, SETH D. POLLAK, University of Wisconsin – Madison

**Does Childhood Sexual Abuse Influence PTSD Treatment Response Through Moderators?**

SARAH B. RUTTER, Case Western Reserve University, JENNA BAGLEY, Case Western Reserve University, ELSA MATTSON, Case Western Reserve University, LORI ZOELLNER, University of Washington, NORAH FEENY, Case Western Reserve University

**Childhood Experiences Predict Risk and Protective Emotional Responses in Firefighters**

BRITTANY J. BAUGHER, Kent State University, KARIN G. COIFMAN, Kent State University



**Symposium**

**Political Polarization, Misinformation, & Conspiracy Theories**

Thu 3:00PM - 4:50PM

Crystal

Group polarization is a central component of politics in the United States. Coinciding with this rise in polarization is the spread of misinformation and an increased belief in conspiracy theories. This symposium will examine the spread of misinformation, conspiracy theories and how group polarization affects our opinions about policies ranging from diversity, equity, and inclusion initiatives to climate legislation. First, Pillai will discuss the illusionary truth effect, explaining how misinformation spreads through repetition. Second, Prims will report on the rise of conspiracies and the influence of social media during the January 6<sup>th</sup> insurrection. The symposium

will then examine instances when political polarization and group membership affect opinions concerning policies and political demonstrations. Specifically, Isenberg will cover partisan differences in the perceptions of support for diversity, equity, and inclusion initiatives. Acevedo-Torres will then describe how violence and group affiliation predict support for protests around abortion. Finally, Douglas will conclude our symposium by discussing how we overcome polarization on topics as politically polarized as support for climate change policies. In sum, this symposium covers how misinformation and polarization spread, influence political policy, and can be resolved.

**How Repetition Affects Belief: Variability in Sources and Wording**

R. PILLAI, Vanderbilt University

**The Emergence of Conspiracy Narratives during the January 6th Insurrection**

JP. PRIMIS, University of Illinois Chicago

**Bipartisan Misperceptions of Support For DEI**

N. ISENBERG, University of Wisconsin–Madison

**Violence and Group Status in Support for Protest Actions**

D. ACEVEDO-TORRES, The Ohio State University

**Addressing Climate Change: Evoking Moral Foundations to Overcome Political Polarization**

B. D. DOUGLAS, University of Wisconsin–Madison

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## Invited Symposium

### **Attraction, Love, and Close Relationships: Theory, New Empirical Findings, and Teaching Applications**

Thu 3:00PM - 4:50PM

Wilson

Attraction/close relationships is an important subarea within Psychology (and other disciplines). This symposium brings together several experts who study these topics. Presentations include on new theoretical and empirical contributions, as well as on teaching issues related to relationships. Information on the multi-disciplinary field (and a society) is also presented.

#### **Types of Love: How Many are There and Can They be Differentiated?**

BEVERLEY FEHR, University of Winnipeg

#### **Relationships As Microcultures**

ELI FINKEL, Northwestern University

#### **Considerations in Teaching Close Relationships: Topics, Practices, and Resources to Enhance Student Engagement**

JULIE VERETTE-LINDENBAUM, Russell Sage College--New York,  
SILVIA BARTOLIC, University of British Columbia, ROWLAND  
MILLER, Sam Houston State University

#### **Experiences Running an Undergraduate Research Lab in the Social Psychology of the Acquaintance Process**

SUSAN SPRECHER, Illinois State University

#### **Discussant & Summary**

Leah Bryant, DePaul University

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**Professional Development Session:  
Crushing PhD Applications**

Thu 3:00PM - 4:50PM

Salon 04/09

**3:00 Crushing PhD applications**

Annalisa Myer, City University of New York, Graduate Center

How can you crush your PhD applications? This interactive, 110-minute professional development session is tailored for anyone applying to PhD programs. Information will be provided for crafting a successful and competitive application with a particular focus on social psychology PhD programs.

**Professional Development Session:  
Applied Psychology Careers and Group Therapy**

Thu 3:00PM - 4:50PM

Kimball

**3:00 Applied Psychology Careers: Evaluation as a Career Opportunity**

Dana Linnell, University of Wisconsin-Stout; Chelsea Lovejoy, University of Wisconsin - Stout

Have you ever wondered what career opportunities exist beyond counseling or research? Come learn about the profession of evaluation to see whether this might be a good fit for you! Learn what evaluation is, the similarities and differences with applied research, and what a career in psychology can look like.

**4:00 Group therapy for adult children of immigrants**

Noa Heiman, university of colorado

We discuss the advantage of group therapy over individual therapy for adult children of immigrant parents. We address recurring themes that come in these types of groups and provide tools to develop and offer such group on your own.



**Professional Development Session:  
Incorporating Knowledge and Techniques of Substance Abuse into Daily  
Practice**

Thu 3:00PM - 4:50PM

Logan

**3:00 Incorporating Knowledge and Techniques of Substance Abuse into  
Daily Practice**

Courtney Kibble, Governors State University; Mary McClure, Governors  
State University

There is a stigma that treating substance abuse is something only a select few  
can do. This presentation will provide: substance abuse symptoms and client  
presentation; demonstration of specific strategies; and tools for screening  
substance abuse. Our goal is to increase understanding of screening and  
intervention to ensure well-rounded care.

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## Cognitive Posters

Thu 3:00PM - 4:50PM

Exhibit Hall

### **1 Only task-relevant object features are actively compared to targets**

Samuel Birkholz, North Dakota State University; Sage Bendickson, North Dakota State University; Anna Rudie, North Dakota State University; Andrea Bocincova, University of Oxford; Jeffrey Johnson, North Dakota State University

The present study used EEG and pattern classification to decode template, stimulus, and decision-variable representations during a visual target detection task. Results suggest that although both task-relevant and irrelevant object features are decodable during the memory delay period, decision-related information is only decodable for task-relevant features.

### **2 The Rorschach and Early Cognitive Decline: A Preliminary MRI Study**

Warner Myntti, Eastern Michigan University; Joseph Rosales, Eastern Michigan University; Eamonn Arble, Eastern Michigan University

To address the need for unrestricted, performance-based assessment of early cognitive decline, the present study examined the association between performance on one such assessment (the Rorschach Inkblot Method) and neurological correlates of cognitive decline (corpus callosum volumetry). Findings provide preliminary support for the Rorschach's use in cognitive screening.

### **3 Anxiety, Depression, and Stress Differentially Predict Severity of Cognitive Impairment**

Aaminah Khan, Rosalind Franklin University of Medicine and Science; Madison Dykins, Rosalind Franklin University of Medicine and Science; Emilie Green, Rosalind Franklin University of Medicine and Science; Jacinda Lee, Rosalind Franklin University of Medicine and Science; Alec Neale, Northshore University Healthsystem; Jerry Sweet, Northshore University Healthsystem; Jenna Axelrod, Northshore University Healthsystem; Leslie Guidotti Breting, Northshore University Healthsystem; Elizabeth Geary, Northshore University Healthsystem

Numerous studies have linked depression, anxiety, and stress with dementia. Logistic regression was performed on a clinical sample to examine if depression, anxiety, and stress are differentially predictive of major or mild

cognitive impairment. Findings suggest that stress and anxiety are associated, while depression did not predict neurocognitive diagnoses.

#### **4 Does Insight Moderate the Relationship between Mood and Cognitive Functioning?**

Jacinda Lee, Rosalind Franklin University of Medicine and Science; Emilie Green, Rosalind Franklin University of Medicine and Science; Madison Dykins, Rosalind Franklin University of Medicine and Science; Aaminah Khan, Rosalind Franklin University of Medicine and Science; Alec Neale, Northshore University Healthsystem; Jerry Sweet, Northshore University Healthsystem; Jenna Axelrod, Northshore University Healthsystem; Elizabeth Geary, Northshore University Healthsystem; Leslie Guidotti Breting, Northshore University Healthsystem

Research suggests mood and insight are associated with cognitive functioning. Evidence regarding differential impact of insight is mixed. This study examined insight as a moderator of mood and cognitive functioning in a clinical sample (n=213). Results showed a main effect of insight on cognitive functioning, without evidence of mood-specific effects.

#### **5 Prediction Error: When events violate our expectation**

Younes Elbishari, Kansas State University; Trase McQueen, Kansas State University; Ellienne Warnes, Kansas State University; Heather Bailey, Kansas State University

Predicting the future plays a key role in theories of perception and learning. Prediction errors are important for updating of mental representations and the perceptions of events. Participants were asked to make predictions about future events in a movie, and these predictions were harder when participants had little prior knowledge.

#### **6 Label-based enhancement of categorical perception for complex stimuli**

Joseph Boomer, Missouri Southern State University

Participants were asked to learn categories of visually complex stimuli given clearly defined labels or unclearly defined labels. Afterwards, participants rated the dissimilarity of stimulus pairs, selected from the training set. Between-category dissimilarity was greatest for clearly labeled categories, despite both groups having stimuli with the same dissimilarity.

#### **7 Parents struggle to help children with online math learning**

Marjorie Schaeffer, Saint Mary's College; Desiree Perez, Saint Mary's College, Notre Dame; Chris Rozek, Washington University in St. Louis  
The COVID-19 pandemic and movement of schools from in-person

instruction to online learning changed how elementary students received content. Parents completed a survey discussing the transitioned to online learning. Results suggest that the experience of supporting elementary school children with math learning is particularly stressful and difficult for families.

### **8 Parent-Reported Executive Functioning and Intraindividual Variability in Pediatric Populations**

Jessica Lanctot, Roosevelt University; Hajar Ismail, Roosevelt University; Arwa Ansari, Roosevelt University; Raquel Rosenberg, Roosevelt University; Jessica Paxton, Roosevelt University

Our study clarified the mediating role of parent-reported executive functioning (EF), inattention, hyperactivity, and learning problems on intraindividual variability and age. Results showed that higher age was associated with a decrease in IIV via parent-rated inattention. Future research should examine mediating effects of parent-reported EF on additional ADHD symptoms.

### **9 Phonemic Awareness and its Relationship to Sentence Reading Fixations in Skilled Adult Readers**

Zachery Mondlak, Central Michigan University; Jane Ashby, Mount St. Joseph

Despite robust evidence suggesting that phonemic awareness is associated with skilled reading, no study has investigated whether phonemic awareness is also associated with reading efficiency in skilled adult readers. Findings from the present study suggest a possible association between phonemic awareness and reading achievement in skilled adult readers.

### **10 The Effect of Need for Cognition on Feedback Timing**

Julie Shirah, University of Kentucky; Elizabeth Shaf, University of Kentucky; Pooja Sidney, University of Kentucky

Undergraduates ( $N = 78$ ) were assigned to one of six conditions, in a 3 (feedback timing: delayed, immediate, or no feedback)  $\times$  2 (knowledge activation: relevant or not) between-subjects design. Students with high NFC spent longer time looking at delayed feedback compared to immediate feedback.

### **11 Speech and Gesture Mismatches and Student's Understanding of Standard Deviation**

Nina Semushina, University of Chicago; Xiaohan (Hannah) Guo, University of Chicago; Zena Levan, University of Chicago; Jessica Breeze, University of Chicago; Aura Fuentes-Flores, University of Chicago; Rocio Jerez,

University of Chicago; Jared Bendavid, University of Chicago; Angelysse Madsen, University of Chicago; R. Breckinridge Church, Northeastern Illinois University; Fey Parrill, Case Western University; David Simkins, Rochester Institute of Technology; Susan Goldin-Meadow, University of Chicago

Adults (N = 21) explained standard deviation (SD) problems using speech+gesture. Gestures expressing advanced understanding of SD when mismatches were produced following incorrect SD solutions. Speech explanations expressing advanced understanding followed correct SD solutions. Gestures may be a harbinger of newly emerging knowledge, while speech may reflect well-established knowledge.

## **12 Workspace Tidiness on Schoolwork Performance of High School Students**

Charlotte Annes, Crown Point High School; Jordan Taylor, Princeton University; Robert Hallock, Purdue Northwest

We investigated performance of high school students when completing an academic task in organized and disorganized environments. Students attempted marginally more questions in the organized environment ( $p=0.051$ ), but groups performed similarly. Students found the disorganization stressful. Taken together, high schoolers may improve their performance by completing assignments in organized environments.

## **13 Can successive relearning enhance performance on application-based exam questions?**

Maren Greve, Kent State University; Sabrina Badali, Kent State University

Can successive relearning (a strategy combining retrieval practice and distributed practice) enhance student performance on application-based questions? Students practiced recalling either examples or definitions of course concepts. Successive relearning of either type of information led to a boost in course exam performance on example-identification questions, compared to control concepts.

## **14 The PhD Training Assessment Framework: Structured Formative Feedback for Students**

Zachary Myers, The Pennsylvania State University; Lauren Sullivan, The Pennsylvania State University; Peggy Van Meter, The Pennsylvania State University; Michael Verderame, The Pennsylvania State University

Doctoral education in the sciences is hampered by inconsistency across different programs and advisors. The Ph.D. Training Assessment Framework (PTAF) was developed to improve this inconsistency by identifying the skills

students must develop. Interviews identified that the PTAF is both an appropriate and useful tool for improving educational consistency.

### **15 Behavioral and Cognitive Mediators between Perfectionism & Perceived Test Threat**

Addison Helsper, Ball State University; Tina Ahmadi, Ball State University; Holmes Finch, Ball State University; Jerrell Cassady, Ball State University  
Dimensions of perfectionism, perfectionistic strivings and perfectionistic concerns, were fully or partially mediated in their relationship with perceived test threat (PTT); by cognitive test-anxiety and study habits. Indirect mediated effects on PTT from perfectionistic dimensions reflect the possible antecedent role it plays in student's appraisal of academic challenges.

### **16 Parents' Support for Children's Mathematics Learning during the COVID-19 Pandemic**

Kaitlyn Brown, University of Kentucky; Pooja Sidney, University of Kentucky; Charles Fitzsimmons, Kent State University; Brianna Adjei, Kent State University; Jennifer Taber, Kent State University; Karin Coifman, Kent State University; Clarissa Thompson, Kent State University  
Parents are important for supporting children's math development, especially when helping with homework. We characterized parents' mathematics homework-helping behaviors during the COVID-19 pandemic. Many helped three to five times per week, though some never helped. Elementary-schoolers were helped more than middle- or high-schoolers. Mothers were more math anxious than fathers.

### **17 Parent-child reflections about multiple visits to a museum tinkering exhibit**

Riley George, Loyola University Chicago; Beatrice Bailey, Northwestern University; Lauren Pagano, Loyola University Chicago; Catherine A. Haden, Loyola University Chicago  
Twenty-two families with 4-11-year-old children visited a tinkering exhibit 2-6 times and recorded a video reflection about the experience. Children provided significantly more details in reflections about their second visits than in reflections about their first visits. Families also talked more about engineering when reflecting about programs with function-focused goals.

### **18 Implicit Bias in Predicting the Success of Students in STEM and Non-STEM Courses**

Noelle Mongene, Oakland University; Martha Escobar, Oakland University

We investigated a novel measure of implicit biases about gender and proficiency in STEM. Participants made predictions about whether fictional students would pass or fail a course based on incomplete information. Even when overt biases were not observed, alternate predictors were disregarded when gender information was present, suggesting implicit bias.

### **19 The Prevalence of Math Anxiety in American High School Students**

Racquel Hernández, Washington University in St. Louis; Chris Rozek, Washington University in St. Louis

There is a gap in the literature surrounding the prevalence of math anxiety in adolescents. Our work helps support math education by providing educators with an accurate statistic for math anxiety in adolescents. These findings set the stage for exploring interventions for math anxiety in classrooms.

### **20 How Feedback Impacts Self-Efficacy and Relates to Memory Performance**

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 at Chicago

We examined how feedback affected self-efficacy and memory using a retrieval practice procedure. Self-efficacy changed over time and the amount of change differed by type of feedback. Self-efficacy was also positively related to memory performance, and additional work is needed to further explore the relationship between self-efficacy, feedback, and memory.

### **21 Gender differences in adults' reports of emotions accompanying realistic dreams**

Riley Grady, University of Toledo; Kristina Todorovic, University of Southern Indiana; Daniel B. Wright, University of Nevada, Las Vegas; Kamala London, University of Toledo

In the present study, we compared the frequency and the reported emotional valence of realistic dreams among men versus women. Our results support and extend upon previous findings that women report recalling their dreams more frequently than men, and they also report more frequent negative emotions than men.

### **22 Semantic Distance Solves a Discernment Assessment Problem in Creative Idea Evaluation**

Dan R. Johnson, Washington & Lee University

Semantic distance provided a common metric on which to judge creative

ideas and consequently provided a solution to the longstanding problem of differential scale use by creative idea generator and creative idea rater.

### **23 Coping Strategies Are Related to Memory for a Combat Simulation**

Virginia Diehl, Western Illinois University; Kimberley McClure, Western Illinois University; Emma Holtz, University of Minnesota; Brigid Lockard, Western Illinois University

Fifty-two military personnel completed Ways of Coping (Folkman et al., 1986), participated in a combat simulation, and completed a Coping During the Scenario Assessment (CDSA), and narrative free recall and recognition tasks about the simulation. Problem- and emotion-focused CDSA items were positively related to the recognition memory measures.

### **24 Core Components of Emotional Impulsivity: a Mouse-Tracking Study**

Anton Leontyev, Concordia University Wisconsin; Takashi Yamauchi, Texas A&M University

Impulsivity includes abnormal reward processing (i.e., impulsive choice, IC), fast maladaptive action (impulsive action, IA), and the inability to focus and maintain attention (attentional impulsivity, AImp). By applying mouse-tracking, we investigated how IC, IA, and AImp interact with the tendency to react impulsively to emotional stimuli.

### **25 Cognitive Control of Stock Market Panic-Selling**

Corey Nack, Purdue University; Yu-Chin Chiu, Purdue University

Cognitive control predicts success in diverse outcomes. However, one outcome remains unexplored: personal finance. We examined the relationship between control and panic-selling, a common obstacle to financial well-being. In a novel, ecologically valid stock market paradigm, response congruency effects predicted panic-selling, suggesting cognitive mechanisms behind the phenomenon.

### **26 Mitigating Sunk Costs: The impact of high and low construal**

Jasmine Ahmad, DePaul University; Jessica M. Choplin, DePaul University

We explored factors influencing consumers' vulnerability to fraud. Two studies investigated the impact of sunk costs and construal level on persistence in fraudulent activity— an in-person fraud simulation study and an online study, utilizing written scenarios on predatory lending, catfishing, and other fraudulent activity to generalize across different situations.

### **27 Effect of Weight in a Nonvisual Spatial Reorientation Task**

Dan Nardi, Ball State University; Alex Detrich, Ball State University; Raina



Huber, Ball State University

In order to increase our understanding of nonvisual navigation, 41 blindfolded participants were tested for the ability to use floor slant to reorient. Males identified the slope direction more accurately. Furthermore, the ability to remember a target relative to the slope correlated with weight. Heavier participants performed better.

### **28 Hand Proximity Effect and Distance of Stimuli from the Hand: An ERP Study**

Amanda Borchardt, Central Michigan University; Emily Bloesch, Central Michigan University

Peri-hand space (PHS)—the immediate area surrounding the hand—facilitates cognitive processing within the environment. This project assessed attentional processing toward stimuli located within PHS, at the border of PHS, and outside PHS. Attentional processing is facilitated by the hand's relative visible position in the environment from an object rather than the distance of stimuli.

### **29 Conversational Repair in the Digital Realm**

Allison Sederlund, Ball State University; Emily Cronk, Ball State University; Yasmine Griffin, Ball State University; Rebecca Wood, Ball State University; Rishi Sarin, Ball State University; Carson Brooks, Ball State University; Caelie McRobert, Ball State University; Eshmehar Sahni, Ball State University; Emmanuella Asiamama-Sampong, Ball State University; Jenna Kelly, Ball State University; Skye Allen, Ball State University; Thomas Holtgraves, Ball State University

Models of communication assume interactants will initiate conversational repairs to prevent misunderstandings. The present study demonstrates this may not always be the case when communicating digitally, as only 52% of participants initiated repair. Differences in repair and memory of repair also exist depending on the repair context (question vs. answer).

### **30 Interpreting Scalar Expressions in Conversational Contexts**

Allison Sederlund, Ball State University; Yasmine Griffin, Ball State University; Emmanuella Asiamama-Sampong, Ball State University; Thomas Holtgraves, Ball State University

Previous research on scalar expressions has been limited in terms of the type of expression, points on a scale, and context investigated. The present study found that semantic interpretations were more likely than pragmatic and modified pragmatic interpretations and the frequency of interpretations varied as a function of valance.

### **31 Impact of probabilistic language on scientific fact and myth endorsement**

Shruti Kate, Kent State University; Jennifer Roche, Kent State University; Bradley Morris, Kent State University

Science literacy is relatively low in the United States (~60%, NSF, 2022), which may be related to a lack of relevant knowledge about science concepts or the way science is communicated. This study seeks to evaluate the role of probabilistic language on the endorsement of science facts and myths.

### **32 Forensic implications of narrative abilities in children with autistic traits**

Kristina Todorovic, University of Southern Indiana; Kamala London, University of Toledo; Elizabeth Wilkins, University of Southern Indiana  
We investigated whether the quality of children's narratives is influenced by their level of autistic traits. Children watched an interactive video and then were interviewed using open-ended questions. Results revealed autistic traits in a non-clinical population are not a significant independent predictor of children's narrative quality. Forensic implications are discussed.

### **33 Multifaceted Questions and Confidence in Eyewitness Suggestibility Errors**

Blair Braun, Oberlin College; Maria Zaragoza, Kent State University; Lily Bronson, Oberlin College; Alaina Di Dio, Oberlin College; Sophia Keil, Oberlin College; Aidan Loh, Oberlin College; Ben Shaffron-Davis, Oberlin College; Hulan Edward, Oberlin College; Katharine Straub, Oberlin College; Lucy Myers, Oberlin College; Nora Holder, Oberlin College; Olive Badrinath, Oberlin College; Nikki Keating, Oberlin College

Prior studies have shown that multifaceted, as opposed to simple, interview questions lead to a disproportionate increase in eyewitness suggestibility errors. We assessed whether the complexity of the interview question also influenced confidence in those errors. Results found no discernible difference in confidence when participants answered simple vs. multifaceted questions.

### **34 A motivational Intervention to Reduce Prospective Memory Commission Errors**

Angel Munoz Gomez Andrade, Earlham College; Robert Alba, Earlham College; Vanessa Duran, Earlham College; Pyone Thant Win, Earlham College; Sofia Salvatore, Earlham College; Aaditya Pillai, Earlham College; Angelina Robert, Earlham College; Zijia Liu, Earlham College; Sudeep Lama, Earlham College

Previous research shows prospective memory commission errors are difficult

to correct within laboratory settings. We explored the role that social motivation plays in preventing these errors. Participants thought that producing commission errors would negatively affect the work of an experimenter. Like several other published interventions, this intervention was not successful.

### **35 Do We Remember When to Better Recall What?**

Russell Adams, University of Illinois at Chicago

Our study investigated if having access to explicit temporal context would predict later recall. We found that any benefit of having access to “when” an item appeared was limited to the primacy region. The results suggest that explicit temporal context information is unlikely to underlie the benefits of spaced repetition.

### **36 Hard Fascination Requires More Mental Bandwidth than Soft Fascination**

Benjamin Gelaude, Bradley University; Joseph Harris, Bradley University; Wendy Schweigert, Bradley University

Attention restoration theory posits a relationship between fascination and mental bandwidth. Exposure to hard fascination video stimuli resulted in increased difficulty inhibiting responses during a sustained attention to response task (SART). This supports distinct influences of fascination types on mental bandwidth.

### **37 Can wearable cameras stimulate non-visual memory?**

Jason Finley, Southern Illinois University Edwardsville; Rianna Roush, Southern Illinois University Edwardsville; Patricia Roberts, Southern Illinois University Edwardsville; Justin Pfister, Southern Illinois University Edwardsville; Sophia Mohsen, Southern Illinois University Edwardsville; Anna Hendricks, Southern Illinois University Edwardsville; Adrien Vozenilek, Southern Illinois University Edwardsville

Participants wore a head-mounted GoPro camera while performing tasks involving touch, taste, and smell. Two days later they recalled their experiences both before and after watching their video. Results showed the extent to which wearable cameras can stimulate non-visual memories.

**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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**COME VISIT US AT  
Booth #107**

## **NOTES**

## **NOTES**



**FRIDAY, APRIL 21, 2023**

Registration in Exhibit Hall 7:30AM – 3:30PM

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**A Quiet Session and Quiet Room**

Fri 8:30 AM – 3:00 PM

Ashland

This is a quiet room. Please come and sit and relax. There will be tables and chairs, and this room is intended as a place to relax away from everyone and everything for a bit. The same room is used every day for the duration of the conference.

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**Cognition & Language**

Fri 8:30AM - 10:20AM

Salon 12

Moderator: Anthony Barnhart, Carthage College

**8:30 Comprehending Character Cognition**

Kenneth J. Houghton, The University of Tampa

Readers' comprehension of stories involves the construction of mental models of narrative situations that incorporate a variety of information related to plot, settings, and characters. In the current talk, I present research that asks how readers' inferences regarding the cognitive activities of characters contribute to these models and influence comprehension.

**9:00 Future Events Seem Less Likely in a Foreign Language**

Zeynep Aslan, University of Chicago; Janet Geipel, University of Exeter Business School; Boaz Keysar, University of Chicago

How likely is it for you to get your dream job? Four studies demonstrate that Chinese-English and German-English bilinguals perceive such future events

as less likely when operating in their foreign language than their native tongue. We show that this results from a feeling of distance induced by using foreign language.

### **9:15 Individual Differences in Phonological Parafoveal Preview Effects**

Megan Deibel, Kent State University; Jocelyn Folk, Kent State University  
The purpose of this study was to determine if low skilled readers are able to extract upcoming phonological information from the parafoveal region. Participants were eye tracked while reading sentences using a gaze contingent boundary design. Low-skilled readers retrieved phonological information from the parafoveal regardless of the foveal load.

### **9:30 “Flip” and Flop: Erroneous Strategies on a Mental Rotation Task**

Kiley McKee, Northwestern University; Danielle Rothschild, Northwestern University; David Uttal, Northwestern University  
We examine an erroneous 2D mental rotation strategy, where individuals “flip” the stimuli, imagining a reflection instead of a rotation, among children and undergraduates. This “flipping” strategy is prevalent among both age groups. We argue that researching this phenomenon is necessary for understanding these tasks and the impacts of their design.

### **9:45 Elevated Trait Negative Affect and Time Distortion in ADHD**

Skye Napolitano, Purdue University; Sean Lane, University of Missouri; Jessica Tipsord, Oregon Health and Science University; Libby Nousen, Oregon Health and Science University; Joel Nigg, Oregon Health and Science University; Sarah Karalunas, Purdue University  
Heightened trait negative affect (NA) and Attention-Deficit/Hyperactivity Disorder (ADHD) are both associated with distorted time perception. Given the central role of time management difficulties in ADHD, the present study examined how trait NA predicts time distortion longitudinally to further understand time perception’s role in adolescents with and without ADHD

### **10:00 Eye Movements Provide Insight into the Role of Semantics in Visual Search for Digits**

Amrita Puri, University of Central Arkansas  
Fixation patterns to target digits suggest that conflict between numerical and physical size influences attention during visual search. This result contrasts with reaction time and mouse movement findings indicating later, decision-stage effects of semantic information on digit processing, but agrees with evidence that semantic features within scenes guide attention.

## Personality & Individual Differences

Fri 8:30AM - 10:20AM

Salon 03

Moderator: Steven Miller, Rosalind Franklin University of Medicine and Science

### **8:30 A Tail of Influence: How Humans Shape Pet Personality**

William Chopik, Michigan State University

Can pet personality be reliably measured? And is variation in pet personality attributable to environmental influences? In three studies (N=3,938), despite people's beliefs about the immutability of pet personality, pet personality differs across the lifespan, according to environmental and owner characteristics, and is linked to important pet outcomes.

### **8:45 Exploring the Structure of Fearlessness Using Self-Report Measures**

Kaela Van Til, Purdue University; Joshua Miller, University of Georgia; Donald Lynam, Purdue University

This study examined its hierarchical structure and compared this structure to external criterion measures. Using Goldberg's (2006) "bass-ackward" factor analysis on self-reported trait fearfulness and fearlessness items, a six-factor model fit the data best. Criterion variables were correlated with the factor scores at each factor level of the model.

### **9:00 The Hybrid Flexible Approach to Personality (Mental health) Assessment**

Makayla Miller, Cleveland State University; Amir Poreh, Cleveland State University; Salayna Hritz, Cleveland State University

Assessment of psychopathology relies on lengthy/impractical fixed multiscale questionnaires. They cannot be adapted to address changes in mental health conditions requiring detailed evaluations. Additionally, clinicians use free-standing measures emphasizing the endorsement of symptoms that are consequently prone to acquiescence response patterns. We will describe The Hybrid Flexible Approach to personality assessment.

### **9:15 Individual Differences in Osgood's Semantic Dimensions: Evaluation, Potency, and Activity**

Isaac Lindenberger, Queen's University; Leandre Fabrigar, Queen's University; Thomas Vaughan-Johnston, Durham University; Richard Petty, The Ohio State University; Michelle See, National University of Singapore  
Across two studies, individual differences in orientations towards Osgood's semantic dimensions of evaluation, potency and activity were investigated.

Study 1 validated performance-based measures of each dimension across word-matching and image-matching tasks, while study 2 attempted to manipulate EPA orientations with a puzzle task.

### **9:30 Circumstances and Self-Perception: Socioeconomic Status Differences in Self-Relevant Evaluations**

Rose Williamson, Ohio University; Keith Markman, Ohio University

In this study, we examined the impact of subjective and objective measures of socioeconomic status on participants' self-evaluations. Participants rated themselves on traits they listed as important; lower socioeconomic status was associated with lower scores on positive traits and higher scores on negative traits.

### **9:45 Measuring Humility and the Impact of Awe**

Devin Burns, Missouri University of Science & Technology; Andrew Flentje, Missouri S&T

We attempted to replicate a finding that experiences of awe increase humility. We found that the results heavily depend on how humility is measured. While a ratio of strengths and weaknesses wasn't affected by our predictors, the Experiences of Humility Scale (EHS) was, increasing with both self-reported awe and depression.

### **10:00 Comparing Perfectionists and Peers: Success and Failure Messaging Qualitative Analysis**

Jessica Rohlfling Pryor, Northwestern University; Karli Bigler, Northwestern University; Nancy Williams, Northwestern University; Neha Chandani, Northwestern University; Rachel Muss, Northwestern University

It is likely that children learn about success and failure from across the social spectrum (e.g., parents, teachers, coaches). Using qualitative semi-structured interviews with perfectionistic and non-perfectionistic university students, childhood success and failure messaging themes were analyzed, revealing group differences in both type of experience and source of messaging.

## **Stereotyping and Economic Hardship**

Fri 8:30AM - 10:20AM

Chicago

Moderator: Kristy Dean, Grand Valley State University

### **8:30 Face Cues: Affect and Privilege Predict SES in Older Adults**

Uli Solovieva, University of Chicago; Daniel Albohn, The University of

Chicago; Alexander Todorov, University of Chicago

This preliminary work shows that perceived affect and privilege in facial images predict SES in a large OA sample. Specifically, our pattern of results suggests that OA who appeared more privileged and had less negative emotionality cues along with greater positive emotionality cues had higher SES.

### **8:45 Thinking Differently: Familiarity to Others Changes our Cognition**

Rani Bawa, The Ohio State University; Dylan Wagner, The Ohio State University

Do we think about familiar versus unfamiliar people in a fundamentally different way? We find that when thinking about unfamiliar others, we use trait knowledge to infer CAU knowledge. However, for familiar others, we do not. These different cognition types may affect social behavior towards unfamiliar and familiar people.

### **9:00 Racist Views Effect on Well-being**

Hope Rose, University of Missouri; Christopher Sanders, University of Missouri, Columbia; Quinnehtukqut McLamore, University of Missouri at Columbia; Laura King, University of Missouri, Columbia; Jordan Booker, University of Missouri- Columbia

Two studies examined the relationship between well-being and anti-Black prejudice among white people. One cross-sectional study probed the associations between racism and well-being. A variety of covariates and moderators were tested including conservatism, religiosity, and personality. A daily diary study examined the associations between racism and daily well-being.

### **9:15 Tunnel of Oppression**

Lauryn Potts, University of Kansas; Elizabeth Goulden, University of Kansas; Veronica Rodriguez-Mendez, University of Kansas; Anna Pope, University of Kansas; Heidy Verbena, University of Kansas; Rachel Fisher, University of Kansas

The present Tunnel of Oppression utilized psychological theory to examine changes in awareness of privilege and demonstrate experiences of oppressed minority groups. Among the first to be validated with empirical evidence, our results demonstrated increases in awareness of oppression, internal intentions to reduce prejudice, and awareness of one's own privilege after participation.

### **9:30 Perceptions of Subgroups Within Ensembles**

Pamala Dayley, University of California - Los Angeles; Grace Gillespie, University of California - Los Angeles; Kerri Johnson, University of California - Los Angeles; Nicholas Alt, Occidental College

Across two studies we investigated how a group's majority members influence the judgments of the minority (subgroup) members. Specifically, we tested how the ratio of men to women in a group impacts masculinity/femininity, warmth, and competence ratings of the average person, woman, and man in the group.

### **9:45 Ethnic identity, coping, and depression after experiencing discrimination**

Susan Torres-Harding, Roosevelt University; Lauryn Bergert, Roosevelt University; Adaly Navarro, Roosevelt University; Jessica Paxton, Roosevelt University; Adrian Thomas, Roosevelt University

This study aimed to examine whether ethnic identity and discrimination coping might mediate or moderate the harmful effects of discrimination on depression. Conditional process analysis found that ethnic identity appeared to exert effects differently across Black and Latino students, and appeared to influence depression levels via discrimination coping.

## **Culture**

Fri 8:30AM - 10:20AM

Salon 06/07

Moderator: Catherine Kwantes, University of Windsor

### **8:30 From Intragroup Coordination to Intergroup Prejudice**

Arnold K. Ho, University of Michigan

I synthesize research on authoritarianism, cultural tightness, morality, universal values, and children's enforcement of social norms to show: 1) Threats humans face—including those unrelated to intergroup conflict—can lead us to prioritize adherence to group norms to facilitate intragroup coordination and 2) This can lead to intergroup prejudice.

### **9:00 Relationships among Self-Construal, Thinking Style, Contextualism on understanding facial expressions**

Youlim Kim, DePaul University; Ralph Erber, DePaul University

Three studies investigated how self-construal was associated with the need for contextual information to understand facial expressions. Results suggest that people need contextual information to interpret an ambiguous facial

expression, and their self-construals influence their needs for contextual information and emotion understanding.

### **9:15 Do Cultural Norms for Suffering Displays Predict Judgments of Character?**

Leslie Mei, University at Buffalo; Michael Poulin, University at Buffalo  
Previous research suggests that culture affects emotional expression preferences. Participants responded to a target suffering with varying types of emotion and levels of emotional expressivity. My study found that judgments of good character depend on how well the expressed suffering matches the cultural display norms of the perceiver.

### **9:30 Perceiving the Vastness: Self-essentialism and Awe in Monastic Tibetan Buddhists**

Ellen Dulaney, DePaul University; Youlim Kim, DePaul University; Kimberly Quinn, DePaul University  
Tibetan Buddhist monks reject separate individual selves. At a southern Indian monastery, more advanced monks showed higher confidence in true self items and reported awe experiences with greater vastness and less negativity, suggesting recognition of the true self to surpass it and appreciation of the world's interconnections without being overwhelmed.

### **9:45 How to Combat Crowding in an 8 Billion Person World**

Sebastian Balmer, University of Windsor  
8 *billion* of us. Now what? The consequences of crowdedness are clear; we have not evolved to support such gargantuan communities. With a look towards the future of mental health and sustainable population growth, this study proposes two implementable actions to optimistically support our continued rise in population.

## **Ingestive Behavior and Eating**

Fri 8:30AM - 10:20AM

Salon 01

Moderator: Brenda Koneczny, Minnesota State University Moorhead

### **8:30 Meat Avoidance and Mental Health**

Urska Dobersek, University of Southern Indiana  
In 2017, the World Health Organization reported that mental illness was the leading cause of disability worldwide with over 500 million individuals suffering from depression or anxiety. In parallel with increments in mental

disorders, veganism and vegetarianism have become more prevalent worldwide. Given that dietary intake is considered a major contributor to mental health and many individuals treat their mental illnesses via dietary restrictions, the purpose of this talk is to provide strong scientific evidence that omitting food groups is unhealthy.

### **9:15 Orthorexia Nervosa: A Qualitative Analysis of an Emerging Diagnosis**

Alexa Resetar, Michigan School of Psychology

*Orthorexia Nervosa* (ON) is an emerging diagnosis characterized by rigid eating and lifestyle behaviors that lead to impairments in psychosocial functioning and quality of life. This paper will address the non-inclusive nature of previous case study research by applying qualitative data to inform a more thorough understanding of this diagnosis.

### **9:30 Children's Obesogenic Eating: Associations with Parenting Style and Supportive Coparenting**

Adelyn Sherrard, University of Toledo; 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 completed an online survey to examine coparenting as a moderator between parenting styles and children's obesogenic eating. High supportive coparenting was associated with lower food approach behavior and less unhealthy dietary intake in children of parents with high authoritative parenting.

### **9:45 Use of Crowdsourcing to Investigate Inhibitory Control in Different Drinkers**

Mia Radevski, University of Kentucky; Jessica Weafer, University of Kentucky; Justin Strickland, Johns Hopkins University; Chana Akins, University of Kentucky

Laboratory research has shown that heavy drinkers experience an increase in inhibitory failures when alcohol-related stimuli are presented. The results from the current study extend this research by using a crowdsourcing platform to replicate findings of disinhibition in heavy drinkers but not in light/infrequent drinkers.

### **10:00 Treatment Outcomes for Patients With Eating Disorders Across the Lifespan**

Renee Rienecke, Eating Recovery Center/Northwestern University; Daniel Le Grange, University of California, San Francisco; Dan Blalock, Durham



Veterans Affairs Medical Center

Eating disorders (EDs) occur throughout the lifespan, and prevalence rates among midlife adults are increasing. The current study examined outcomes across different age groups among patients receiving treatment for an ED. Findings suggest that adults ages 40+ do not do less well in treatment than other adult age groups.

### **Gender Identification Bias**

Fri 8:30AM - 10:30AM

Salon 05/08

Moderator: Blair Braun, Oberlin College

#### **8:30 Marital Status Affects Perceptions of Heterosexuals. What About Sexual Minorities?**

Claire Etaugh, Bradley University; Johnna Armstrong Watson, Bradley University; Maria Hernandez, Bradley University; Kylie Kruis, Bradley University; Makenna Metoyer, Bradley University; Chloe Schwahn, Bradley University; Genevieve Stedwill, Bradley University; Miah Stiefel, Bradley University

College students evaluated societal views of women and men varying in sexual orientation and marital status. Married individuals were viewed most favorably, and divorced individuals, least favorably regardless of gender or sexual orientation. Heterosexual women and men were viewed more positively than their sexual minority counterparts for all marital statuses.

#### **8:45 Does Gender Essentialism Change after Exposure to Brain Similarity Evidence?**

Claire Etaugh, Bradley University; Johnna Armstrong Watson, Bradley University; Teresa Barden, Bradley University; Sarah Cismesia, Bradley University; Maria Hernandez, Bradley University; Ciara Joyce, Bradley University; Makenna Metoyer, Bradley University; Miah Stiefel, Bradley University

Gender essentialism states that women and men differ innately. Exposure to evidence for female-male brain similarity reduced gender essentialism in U.S. men but not women, unlike results for Turkish adults, whose gender essentialism was higher even after exposure. Gender essentialism, modern sexism, and political conservatism correlated positively. Men scored higher on all three variables.

### **9:00 Competence perceptions of men and women following self-effacing behavior**

Jillian Antoun, Queen's University; Jill A. Jacobson, Queen's University  
Heck and Krueger (2016) found that participants rated men who engaged in self-effacing behavior favorably regardless of whether or not their self-judgments were accurate. In the current study, we replicated this effect using both male and female targets.

### **9:15 Exploring how Women's Sexual Goals Shape Perceptions of Objectifying Interactions**

Abigail Riemer, Carroll University; Chiara Pecini, Università di Genova; Gemma Sáez, University of Granada

Despite many negative consequences of objectification, women sometimes report enjoying and seeking out objectifying interactions. The current experimental work reveals that the goals women bring to interactions, specifically those related to sex and whether they fit with their experiences, can predict perceptions of and desire for continuing objectifying interactions.

### **9:30 Ostracism and Sexual Objectification Sittin' at a Bar**

Maayan Dvir, Reichman University; Maayan Nagar, Ariel University and Beit Berl Academic College

In a field experiment conducted in bars we manipulated sexual objectification and ostracism. We found that higher levels of subjective drunkenness led sexually objectified and ostracized women to perceive the situation as less threatening. This suggests dangerous social and personal implications to alcohol's anxiolytic effects.

### **9:45 Women Exaggerate, Men Downplay: Gendered Expectations of Pain Experiences**

Gina Paganini, University of Denver; Kevin Summers, University of Denver; Leanne ten Brinke, University of British Columbia, Okanagan; E. Paige Lloyd, University of Denver

Women's, relative to men's, pain is often disbelieved and undertreated. The current work (N=287) found that women, relative to men, were expected to exaggerate pain; we theorize this bias might underlie gender inequalities in pain perception and treatment. We also assessed a mediator and two potential moderators of this bias.

### **10:00 Miscarriage, Perceived Ostracism, and Trauma in Mothers and Fathers**

Eric Wesselmann, Illinois State University; Jordan Arellanes, Illinois State University; Leandra Parris, William & Mary

Miscarriage can be a traumatic experience that friends and family members often avoid discussing, potentially making the bereaved parent feel ostracized and contributing to distress. We found connections between posttraumatic stress symptoms, perceived ostracism, and recalled grief intensity measures in both cisgender women and men who have experienced miscarriage.

### **10:15 Fat and Femininity: Higher-Weight Women are Stereotyped as Lesbians**

William Silvia, Ohio University; Kimberly Rios, Ohio University

Women are stereotyped as being thin and lesbians are stereotyped as conforming to male rather than female stereotypes. In two original studies and one analysis of archival data, we found support for the prediction that higher-weight women are perceived as more masculine, less feminine, and more likely to be lesbians.

## **Politics & Identity**

Fri 8:45AM - 10:20AM

Salon 10

Moderator: Alysso E. Light, University of Chicago

### **8:45 Moral Humility Helps Reduce Political Divisions**

Shree Vallabha, Michigan State University; Jennifer Wolak, Michigan State University; Mark Brandt, Michigan State University

We investigate a previously under explored trait, moral humility, as a countervailing force to attenuate political divisions. People higher in moral humility expressed less affective polarization, more willingness to compromise with political opponents, and experienced less negative impact on interpersonal relationships as a result of political differences.

### **9:00 The Effects of Political Identity on Intellectual Humility**

Sean Bogart, Ohio University; Kimberly Rios, Ohio University

Across two studies, we began exploring interventions into how to effectively impact changes in reported intellectual humility. While neither intervention showed significant changes, a few important relationships were identified with self-enhancement and ideological importance to identity. These findings provide further insight into intellectual humility in the political setting.

### **9:15 The Personal is Political: Identity Fusion, Authoritarianism, and Political Violence**

Noah Laskey, King's University College at the University of Western Ontario; Mike Morrison, King's University College at the University of Western Ontario; Thomas Costello, Massachusetts Institute of Technology

The current research reveals the role of political identity fusion – the indistinction between one's personal and political identities – in predicting authoritarian attitudes, and support for political violence. Results revealed that fusion with liberal and conservative ideologies predicts unique variance in authoritarian attitudes, even when controlling for ideological identification.

### **9:30 The Influence of Belief Superiority on Open-Minded Cognition and Information Selection Bias**

Whinda Yustisia, Loyola University Chicago and University of Indonesia; Victor C. Ottati, Loyola University Chicago

A two-group experimental study was conducted (N= 244) to investigate the influence of Belief Superiority (BS) on Information Selection (IS), and whether Situation Specific Open-Minded Cognition (SSOMC) mediated the effect. The findings showed that BS decreased SSOMC and increased IS bias. SSOMC mediated the effect.

### **9:45 What is Central to (Within Persons) Political Belief Systems**

Abigail Cassario, Michigan State University; Mark Brandt, Michigan State University

We find that about 2/3 of people have symbolic components as central to their belief systems. Those who are politically engaged are slightly more likely to have symbolic components as central. Finally, having symbolic elements as central is slightly, but insignificantly related to greater political attitude stability over time.

### **10:00 Affective Reactions Mediate the Relationship between Gender and Cultural Values**

Danka Maric, STEM Education Innovation and Research Institute, Indiana University-Purdue University, Indianapolis; Grant Fore, Indiana University-Purdue University, Indianapolis; Brandon Sorge, Indiana University-Purdue University, Indianapolis; Francesca Williamson, Indiana University School of Medicine; Julia Angstmann, Butler University

In response to the capitol insurrection, women (vs men) were more likely to experience negative affective reactions, which then predicted higher endorsement of horizontal individualism and collectivism and vertical

collectivism. These relationships support conceptualizations of individualistic and collectivistic cultural values that include individual differences, identity (e.g., gender), and historical moments.

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**Professional Development Session:  
Teaching Strategies for Undergraduate Statistics**

Fri 8:30AM - 10:20AM

Crystal

**8:30 Use of Play, Positive Failure, and Metacognition in Statistics Courses**

Caitlin Powell, Thomas More University

Statistics can be an aversive experience for many students. We'll explore activities that increase student engagement, persistence, statistical literacy, and identity in positive ways through play and estimation, grading policies that encourage effort and reward improvement, and metacognitive reflection.

**9:30 Evidence-Based Strategies for Teaching Undergraduate Statistics**

Angela Pirlott, Saint Xavier University

This session presents the results from a series of investigations into the effectiveness of various teaching techniques intended to improve student learning in an undergraduate statistics course. The goal of this session is to describe teaching approaches to be adopted by other statistics instructors.

**Professional Development Session:  
Open Science and Diversity Science - Clinical Psychology Graduate Student Perspectives**

Fri 8:30AM - 9:30AM

Wilson

**8:30 Open Science and Diversity Science: Clinical Psychology Graduate Student Perspectives**

Shabeba Islam, Purdue University; Adilene Osnaya, Purdue University; Lisa Brown, Purdue University

Presenters will discuss the integration of open science practices and ethnic minority/diversity science practices in the field of clinical psychology.

Moreover, the presenters will share their experiences with integrating them in

their own work and will provide recommendations for how these two approaches can be beneficial and mutually informative.

**Professional Development Session:  
Application of Multicultural Case Conceptualization Skills in Clinical Supervision**

Fri 8:30AM - 10:20AM

Cresthill

**8:30 Application of Multicultural Case Conceptualization Skills in Clinical Supervision**

Ankita Sahu, Southern Illinois University Carbondale; Satveer Kler, Southern Illinois University Carbondale; Frederick Siglar, Southern Illinois University Carbondale; Vanessa Wang, Southern Illinois University Carbondale

This professional development session aims to provide skills-based training in multicultural case conceptualization (mcc) skills. Participants will learn to define multicultural case conceptualization, integrate multicultural data into the case conceptualization process, and evaluate mcc skills within clinical supervision. The session will involve group discussions, critical dialogues, and case vignettes.

## **MPA Networking Event**

**Interest group: Adolescent suicide prevention and mental health**

**Hosted by: Addison Helsper, Ball State University**

Fri 9:00-9:50AM

Congress

The research and literature often dominated by the field of educational psychology (EDPS; e.g., instructional methods, self-regulated learning, school climate) have important and direct ties to the protective and risk factors that impact millions of students who may be struggling with mental health crises, and suicidal thoughts and behaviors. This interest group will aim to foster a discussion of 1) the issues of siloed fields of research and 2) the barriers to dismantling the lack of inter-field communication and how this is of the utmost importance for the future of researchers. The connection of like-minded and/or passionate minds can lead to vital discussion on the concrete steps of action in involvement, spirited debate on where the line of responsibility can or cannot be drawn, and possibly future life-saving research and work.



## **Invited Professional Development Session**

### **Careers in Market Research**

Fri 9:40AM - 10:30AM

Wilson

Elaine Zanutto, NAXION; Jennifer Boldry, NAXION

In this professional development session, we will discuss potential career paths for social scientists outside of academics with a focus on market research opportunities. This will be an interactive session with ample time for questions.



**MPA Invited Presidential Address**

**Better decision making through objective numeracy and numeric self-efficacy**

Ellen Peters  
University of Oregon

Fri 10:30AM - 12:20PM

Crystal

Moderator: Jiuqing Cheng, University of Northern Iowa

Did you know that almost 1/3 of American adults are too innumerate to make effective health and financial decisions? In this talk, I'll focus on psychological mechanisms underlying effects of objective numeracy (it's like literacy but with numbers) and numeric self-efficacy (i.e., numeric confidence) on evaluations and decisions and will preview resulting opportunities to benefit individuals and society.

**MPA Networking Event**

**Disability Advocacy and Research Network**

**Hosted by: Thomas Dirth, Bemidji State University**


Fri 10:00-10:50AM

Congress

This networking event will provide space for community building and resource sharing for attendees with disabilities at MPA at any career stage, including under/graduate students. This event is supported by DARN (see more at [DARNDisability.org](http://DARNDisability.org)) and welcomes allies and those who work with, and/or teach about disability.



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## Political Psychology

Fri 10:30AM - 12:20PM

Salon 10

Moderator: Chasity Ratliff, Southeast Missouri State University

### **10:30 When are desired and perceived inequality linked?**

Salvador Vargas Salfate, University of Illinois, Urbana-Champaign; Chadly Stern, University of Illinois at Urbana-Champaign

We hypothesized that legitimation and perception of economic inequality would be positively (negatively) related when economic differences are (not) acceptable. In two studies (N = 1105), we found that the negative association between legitimation and perception of inequality was stronger when differences across groups were more (vs. less) acceptable.

### **10:45 The Association Between Political Ideology and Consensus of Social Judgments**

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

Is political ideology associated with social judgment consensus? People regularly categorize others' group memberships based on minimal information. When observers make similar judgments, consensus is greater. We found that observers' ideology was associated with the degree of consensus. This sheds light on the way ideology corresponds to social judgment formation.

### **11:00 Tenability and Open-mindedness Role in Predicting Social Media Behavior**

Chad Osteen, Loyola University Chicago; Salma Moaz, Loyola University Chicago; Victor C. Ottati, Loyola University Chicago

Previous research suggests tenability significantly effects ones reported situational open-mindedness across a variety of domains. This study built on this work by investigating how tenability and open-mindedness predict our behavior online when encountering political information. Findings suggest we are more likely to both share and follow tenable groups online.

**11:15 An evolutionary link between abortion legislation and extrinsic mortality risk**

Elena Brandt, Florida State University; Jon Maner, Florida State University  
Diverse data from across 50 US states, 2,500 individuals, 360 US counties, and 88 world societies suggest that attitudes toward abortions are robustly associated with local risk of early mortality. An integrated evolutionary and cultural perspective is taken to explain how beliefs about reproduction may be sensitive to ecological adversity.

**Problem Solving & Metacognition**

Fri 10:30AM - 12:20PM

Salon 12

Moderator: Colleen Stevenson, Muskingum University

**10:30 Effective FI Strategies – More Complicated Than Initially Shown**

Trevor Bell, Kansas State University; Kathryn Starr, Kansas State University; Heather Bailey, Kansas State University

We assessed the effects of problem order and feedback on Raven’s performance and strategy use. Across both studies, problem order affected strategy usage and the efficacy of the strategies. Participants tracked problem difficulty and implemented strategies; thus, providing more insight into when and why participants use strategies on Gf tasks.

**10:45 How Can Nudging for Wise Reasoning Improve Decision Making?**

Kristijan Civljak, The Chicago School of Professional Psychology; Kara Hans, The Chicago School of Professional Psychology

Trust in corporations is down, information is abundant, and technology is developing faster than ethical review boards can keep pace. Globally, business leaders have to make decisions that benefit the common good. This experimental study demonstrated how nudging for wise reasoning strategies influenced decision-making on ill-structured problems for the common good.

**11:00 Misinformed: Deliberation Reduces Susceptibility to Fake News**

Makayla Quinn, University of St. Thomas; Greg Robinson-Riegler, University of St. Thomas

Acceptance of fake news is a problem of concern, and research has investigated the factors responsible. Bago et al. showed that deliberation lowers susceptibility. We had participants judge headlines as fake or real, with or without response deadlines. Deliberation improved performance, regardless of political orientation, religiosity, or social media use.

### **11:15 Energy-Saving Decisions: Turning Goals into Appliance-Specific Allocations**

Torsten Reimer, Purdue University; Hayden Barber, South Dakota State University; Juan Pablo Loaiza-Ramírez, Purdue University

Energy bills for households can provide appliance-specific energy costs, which can be useful to formulate a saving plan. This study provides evidence that residents have great difficulty coming up with a plan to allocate reductions to specific appliances (e.g., AC, refrigerator) to meet a specified saving goal.

### **11:30 The Relationship Between Multitasking and Productivity**

Salayna Hritz, Cleveland State University; Charles Levin, Baldwin Wallace University

To examine whether multitasking increases productivity, a repeated measures design was conducted during two distinct trials, one that involved multitasking and the other that did not. Corresponding with the hypothesis, the results of this research study indicated that participants were more productive during the trial which did not involve multitasking.

### **11:45 How Do People Improve Their Metacognition of Math Concepts?**

Nathan Foster, The College of Wooster; John Dunlosky, Kent State University

Participants interleaved or blocked their practice of math problems and made immediate or delayed judgments of category learning. Interleaved practice improved performance accuracy but not judgment accuracy. Delaying judgments, however, improved judgment accuracy. Results suggest that metacognition is not sensitive to the benefits of interleaved practice.

### **12:00 Does participant non-naïveté affect replicability?**

Jennifer Stevenson, Queen's University; David Hauser; Jill A. Jacobson, Queen's University

Using a procedure from Lerner and Keltner (2001, Study 4), MTurkers were less able to identify the study's purpose than were students. Still, the two groups did not differ in their responses, but task order did yield differences on hypothesis identification accuracy and the replicability of the experimental effect.



**MPA Networking Event**

**Sharing Teaching Resources: OER & beyond**

**How to use free resources that we use in teaching our courses and help our students research and field experiences"**

**Hosted by: T. L. Brink, Crafton Hills College**

Fri 11:00-11:50AM

Congress

This session will be for people wanting to network about and discuss how to use free resources in teaching our courses and how to help our students research and field experiences.

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## Gender & Identity

Fri 10:30AM - 12:20PM

Salon 03

Moderator: Russ Webster, Penn State Abington College

### **10:30 Pathways for Progress: Examining Latine Cultural Values and Ambivalent Sexism**

Erick Herrera Hernandez, Marquette University; Debra Oswald, Marquette University

We examine the relationship between Latine cultural values and perceptions of ambivalent sexism. The results highlight the role of Latine cultural values in understanding how sexism is perceived by Latine men and women and highlight pathways for clinicians to empower Latine clients to identify and address sexist behavior.

### **10:45 The Effects of the Constitution's Gender-Exclusive Language**

Erika Rosenberger, Miami University; Heather M. Claypool, Miami University

We examined the effects of exclusive language in the US Constitution. Overall, women reading the original gender-exclusive (vs. inclusive) version perceived it as more sexist, felt more excluded by it and its authors, and expressed less motivation to seek office. Therefore, gender-exclusive language in historic documents may elicit modern-age harms.

### **11:00 Racialized Sexism: An Examination of Women of Color's Bodily Displays**

Quang-Anh Tran, Indiana University Bloomington; Jazmin Brown-Iannuzzi, University of Virginia; Erin Cooley, Colgate University; Jackie Lisnek, University of Virginia

Power is associated with masculinity, while femininity is associated with Whiteness. Three studies show that White (vs. Black) women in powerful poses are evaluated as particularly masculine, which is associated with different experiences of sexism and implications for hireability.

### **11:15 What Makes a Feminist: Identifying Predictors of Liberal Feminist Attitudes**

Brenda Russell, Penn State Berks; Debra Oswald, Marquette University; MaryKate Cotter, The Pennsylvania State University, Berks

This study was to examine attitudinal correlates predictive of liberal feminist attitudes for males and females. Results found that gender-specific justification, attitudes toward women, political ideology, and hostile sexism toward women were significant negative predictors for both men and women.

### **11:30 Understanding LGBQ students' perceptions of school belonging and academic success**

Elizabeth Rovegno, Loyola University Chicago; Yael Granot, Smith College; Yelyzaveta DiStefano, Loyola University Chicago; Maryse Richards, Loyola University Chicago

This study identifies mechanisms that explain discrepancies in perceived belonging and academic success among LGBQ and heterosexual high school students. Findings indicate that both discrimination and support each contribute to LGBQ students' safety perceptions, which predict belonging and academic success. Recommendations for creating inclusive educational spaces are further discussed.

### **11:45 Attitudes Toward Nonbinary People: Nonbinary and Cisgender Perspectives**

Deborah Miller, Indiana University East; Liza Cohen, Ball State University; Darionna Walker, Indiana University East

We collected qualitative data from nonbinary and cisgender participants regarding their perceptions of attitudes toward nonbinary people, and analyzed it using Thematic Analysis. We will compare and contrast attitude themes between groups.

### **12:00 The Effects of Behavioral Passing on Attitudes towards Trans People**

Natarshia Corley, Ohio State University; Sydney Williams, The Ohio State University; Steven Spencer, The Ohio State University; Richard Petty, Ohio State University, Columbus

Participants read about a fictitious trans person who matched or mismatched stereotypes for their affirmed gender and a message requesting them to become allies. Results indicate willingness to be a trans ally depended on participant gender and whether the trans person met expectations based on behavioral "passing."

## **Race, Police, and Aggression**

Fri 10:30AM - 12:20PM

Chicago

Moderator: Balbir Singh, University of Colorado Boulder

### **10:30 “One of those people could easily have been me”: Asian Americans’ Responses to the Atlanta Spa Shootings as Racial Trauma**

Christine S. Wu, Oberlin College

On March 16, 2021, six Asian American women were killed in mass shootings at spas near Atlanta, Georgia. Drawing from online survey data, this presentation describes how Asian American adults experienced these events as a vicarious form of racial trauma, expanding the limited empirical work on racial trauma among Asian Americans.

### **11:00 The Civilian’s Dilemma: Defensive Bodily and Behavioral Responses to Police**

Vincenzo Olivett, Florida State University; David March, Florida State University

The current work examined whether civilians evince larger defensive behavioral responses upon encountering police officers versus non-police officers. In three separate studies, each employing a unique behavioral or physiological measure of defense, we found support for the idea that civilians behaviorally respond to police as a threat.

### **11:15 Dehumanization of Lower-Income Groups Based on Group Label**

Erica Granz, Ohio University; Mason Burns, University of Indianapolis; Kimberly Rios, Ohio University

Numerous terms for lower-income people refer to the same group, but result in differing perceptions. Two experiments found that “Broke” people were dehumanized more, subtly and blatantly, than “In Need” people despite participants rating them as part of the socioeconomic group. In turn, dehumanization predicted opposition to wealth redistribution.

### **11:30 Effect of goals and trust on liking, helping and aggression**

Emily Budde, Loyola University Chicago; Robyn Mallett, Loyola University Chicago

When a superordinate goal and trust were manipulated in a minimal group setting, the presence (vs. absence) of a superordinate goal increased outgroup helping and decreased aggression but did not affect outgroup liking. Trust did not affect outgroup liking, helping, or aggression.

### **11:45 Police Expertise in Use-of-Force Rapid Decision Making**

Vivian Ta, Lake Forest College

We examined how decisions in use-of-force scenarios vary across police expertise. Officers observed body-cam footage of real-world police-citizen encounters and indicated the course of action they would take if they were the officer on scene. Expert and novice officers differed on decisions to pursue a suspect, deescalate the situation, and subject themselves into particular scenarios.

## **Promoting Motivation & Belonging in Education**

Fri 10:30AM - 12:20PM

Salon 06/07

Moderator: Jim Wirth, The Ohio State University at Newark

### **10:30 Capturing Belonging in STEM Spaces: Integrating Communal Goals with Experience Sampling Methodology**

Jill Allen, Drake University

In this talk, I integrate existing theoretical models (Motivational Experiences Model; Goal Congruity Theory) with novel methods in experience sampling to examine factors that influence belonging and motivation among undergraduate students in STEM. I consider how naturalistic observations about student's experiences of belonging regulation (i.e., specific experiences which facilitate feelings of fitting in (or not) in STEM, such as collaborative work, shared identities with others, or environmental cues such as role models or physical spaces) are associated with communal goals, feelings of belonging, and intrinsic science motivation. Recognizing that motivation is a dynamic process informed by daily interactions and experiences creates opportunities for psychological intervention to increase diverse voices, bodies, and ideas in STEM.

### **11:00 Mindset Certainty: Predicting Resistance to Growth Mindset Messages**

Ariana Hernandez-Colmenares, The Ohio State University; Laura Wallace, George Mason University; Kentaro Fujita, The Ohio State University

Growth mindsets—the belief that intelligence is malleable—enhances resilience, particularly among underrepresented group members. To understand when and for whom growth mindset interventions are most effective, two studies show that mindsets held with greater certainty are more resistant to change in response to persuasive messages common in interventions.



### **11:15 Engaging Mindfully: Mindfulness Training Promotes Psychological Engagement in Physics**

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

This experiment tested the longitudinal impact of mindfulness training on engagement in introductory physics among students experiencing psychological threat. Students who received mindfulness training reported greater physics belonging, self-efficacy, and identity, and reduced anxiety. This study highlights the potential role of mindfulness training to promote engagement in physics classrooms.

### **11:30 Reflecting on Purpose Benefits STEM Students across Race and Gender**

Andrew White, Indiana University; Mansi Joshi, Indiana University; Quang-Anh Tran, Indiana University Bloomington; Jayshree Seth, 3M; Amanda Diekman, Indiana University

The current work tests whether a reflection intervention might benefit the psychological experiences of STEM students across racial and gender identities. Reflecting on challenges alongside one's purpose in pursuing STEM improved psychological outcomes among students. Benefits of reflecting on fundamental motivations held across a diverse student sample.

### **11:45 How Does Gamification Affect Online Learners' Motivation and Need Satisfaction?**

Sebiha Balci, Kent State University; Bradley Morris, Kent State University

The effects of two gamification tools, badges and choice, were investigated on the intrinsic motivation and need satisfaction of online learners. Badges decreased learners' intrinsic motivation and did not fulfill the need for competence. Choice fulfilled the need for autonomy but did not affect intrinsic motivation.

### **12:00 Impact of Discrimination on Brazilian Hearing-Impaired University Students' Mental Health**

Hannah McIntyre, University of Nebraska at Omaha; Josafa Da Cunha, Federal University of Parana in Curitiba; Jonathan Santo, University of Nebraska Omaha

This study examined the impact of discrimination on Brazilian deaf and hard-of-hearing (DHH) students' mental health. All told, deaf compared to hard-

of-hearing students both suffered equally as a result of being discriminated against. More importantly, being victimized for having deaf friends showed consequences above and beyond the consequences of discrimination.

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### Invited Symposium

#### **From Teasing, to Biased Language Use, to Bullying**

Fri 10:45AM - 12:35PM

Wilson

This symposium will cover a range of pre-adolescent social behaviors. Research will be presented on (a) how prosocial teasing is related to the social-emotional skills of youth (b) the longitudinal associations between biased language use and relationships in school; and (c) the overlap of youth's involvement in bullying participant roles.

**You can't sit with us...just kidding! An investigation into the association between empathy and prosocial teasing.**

Christine Malecki, Northern Illinois University

**Bidirectional Associations between Biased Language Exposure and School-Based Relationships Across Gender**

Julia Ogg, Northern Illinois University

**Overlapping Bullying Participant Role Behaviors**

Michelle Demaray, Northern Illinois University

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**Professional Development Session:  
Getting Started in Academia: Responding Effectively to Reviews**

Fri 10:30AM - 12:20PM

Salon 09

Amanda Diekman, Indiana University; Matthew Goldrick, Northwestern University; Miriam Perez, North Park University; Shahana Ansari, Indiana University; Franki Y.H. Kung, Purdue University  
This Reviewer Zero workshop will illuminate the “hidden curriculum” of peer review and provide early career scholars and students with concrete tools to respond to reviews of their manuscripts. This hand-on workshop will discuss the mechanics and culture of peer review, and focus on how to respond to decisions/reviews effectively.

**Professional Development Session:  
Steps to a Rewarding Career in Counseling**

Fri 10:45AM - 12:30PM


Salon 05/08

**10:45 Steps to a Rewarding Career in Counseling**

Kelly Kazukauskas, Illinois Institute of Technology; Jon Larson, Illinois Institute of Technology; Francis Lane, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology; Lindsay Sheehan, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology; Sai Snigdha Talluri, Illinois Institute of Technology; Yen Chun Tseng, Illinois Institute of Technology; Madeline Oppenheim, Illinois Institute of Technology

The session’s goal is to inform attendees about the unique and less well-known benefits of the counseling profession through engaging presentations and demonstrations on mock counseling and research projects. Attendees will leave knowing more about how the counseling profession compares and contrasts to the clinical psychology profession.

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## Adult Psychopathology

Fri 10:30AM - 12:30PM

Salon 01

Moderator: George Gaither, Ball State University

### **10:30 Personality Disorders Research and Social Decontextualization: What it Means to be a Minoritized Human**

Craig Rodriguez-Seijas, University of Michigan

The study of mental health challenges (psychopathology) overwhelmingly develops in a socially decontextualized manner. Some historical models of personality pathology formally embraced the interactions between the individual and their environment. However, the field has evolved in a manner that situates dysfunction within the person. Such an assumption conflicts with established ways of understanding mental health challenges of LGBTQ+ individuals. Using research on LGBTQ+ populations, I will discuss how the sociocultural context is inextricably linked to mental health and wellbeing and how the dominant philosophy can inadvertently stigmatize already marginalized groups.

### **11:00 Functions of self-injury and co-morbid internal and external disorders**

Jenessa Canen, Western Kentucky University; Amy Brausch, Western Kentucky University

Functions of NSSI can be interpersonal or intrapersonal. The current study examines these functions as they relate to anxiety, depression, alcohol use, and binge eating. Results suggest that disorders that present internally correlate with intrapersonal functions, and disorders that present externally correlate with interpersonal functions.

### **11:15 The Effect of Raunch Culture on Depression via Social Comparisons**

Duncan Jordan, Murray State University; Grace Sinclair, Murray State University

Raunch culture describes promotion of overtly sexual representations of women, and may be associated with negative outcomes as a result of self- or other-objectification. This study found raunch culture was associated with depressive symptoms as a result of social media use and engagement in social comparisons.

### **11:30 ACEs, Social Anxiety, Loneliness, and Depression: A Moderated Mediation Analysis**

Swanaya Gurjar, Cleveland State University; Breanna Meadows, Cleveland State University; Liz Goncy, Cleveland State University

The current study examined if loneliness, after being moderated by social anxiety, mediates the relationship between adverse childhood experiences (ACEs) and depression. Findings suggest that the index of moderated mediation was significant but higher social anxiety resulting in loneliness did not confer an increased risk for depression.

### **11:45 Smartphone Typing Dynamics as Digital Biomarkers of Mood**

Andrea Cladek, University of Illinois Chicago; Emma Ning, University of Illinois Chicago; Mindy Ross, University of Illinois Chicago; Scott Langenecker, University of Utah; Sarah Kabir, University of Illinois Chicago; Amruta Barve, University of Illinois Chicago; Ellyn Kennelly, Wayne State University; Faraz Hussain, University of Illinois Chicago; Jennifer Duffecy, University of Illinois Chicago; Theresa Nguyen, University of Illinois Chicago; Theja Tulabandhula, University of Illinois Chicago; John Zulueta, University of Illinois Chicago; Olusola Ajilore, University of Illinois Chicago; Alex Leow, University of Illinois Chicago; Alexander Demos, University of Illinois at Chicago

Smartphone typing dynamics (*how* you type, not *what* you type) offer an unobtrusive and low-burden means of assessing mood and cognition. We demonstrate that these dynamics are sensitive enough to predict day-to-day changes in subjective mood and impulsivity at an individual level, suggesting their potential use as a digital biomarker.

### **12:00 Clinician Perception of HiTOP and the DSM**

Caroline Balling, Purdue University; Doug Samuel, Purdue University  
A sample of 143 actively practicing clinicians displayed preference for HiTOP over the DSM across indices of clinical utility, including formulating effective intervention, communicating with the client, comprehensively describing psychopathology, describing global functioning, and ease of application. Results suggest that when it comes to HiTOP, clinicians are capable and interested.

### **12:15 Excessive Reassurance Seeking worsens depressogenic stress by reducing social support.**

Peter Hochman, Cleveland State University; Brian Brooks, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

This study tested whether some forms of social support (e.g., familial vs.

peer) are differentially reduced through excessive reassurance seeking (ERS), and mediate ERS's stress iatrogenic effects on depression severity. Clinical implications will be discussed.



**MPA Networking Event**

**Psi Beta Student & Advisor Networking Session**

**Hosted by: Elizabeth Arnott-Hill, Michigan State University, College of DuPage; Midwestern VP Psi Beta**

Fri 12:00-12:50PM

Congress

Psi Beta is the honors society for psychology students at community colleges. Students at community colleges are around for shorter and less consistent amount of time than those at 4-year institutions, so it can be challenging, as both an advisor and a student, to make connections. This event would give advisors and students a chance to exchange ideas and work together beyond their individual campuses.

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## Behavioral Neuroscience Posters

Fri 10:30AM - 12:20PM

Exhibit Hall

### **1 Prenatal Ethanol Exposure Does Not Influence DRL Performance.**

Amy Perkins, Purdue University Fort Wayne; Daren Kaiser, Purdue University Fort Wayne; Taylor Norman, Purdue University Fort Wayne; Brayden Langdon, Purdue University Fort Wayne

Following prenatal ethanol exposure, adolescent rats were trained to bar-press and then switched to a differential reinforcement of low rates (DRL) schedule to evaluate impulsivity. Prenatal exposure to a liquid diet (PF) did increase impulsivity, but prenatal ethanol exposure did not.

### **2 Spatial or Feature Risk-based Learning in Homing Pigeons (*Columba livia*)**

Brittany Sizemore, Indiana University Southeast; Anna Mullen, Indiana University Southeast; Anthony Sego, Indiana University Southeast; Veronica Pielemeier, Indiana University Southeast

Different reward probabilities were investigated in an open-field environment to understand avian risk-based decision-making with spatial or feature information. Reward sites based on locations or colors were categorized as constant, optimal, or suboptimal. Preliminary analyses indicated no difference in performance between pigeons trained in a space-risk or feature-risk task.

### **3 Voxel-Based Morphometry Analysis of Grey Matter in Chiari Malformation**

Denise Ealy, Middle Tennessee State University; Christine Adalikwu, Middle Tennessee State University; Kendall Perssico, Middle Tennessee State University; Phil Allen, University of Akron; James Houston, Middle Tennessee State University

This study investigated structural differences in grey matter volumes between patients with Chiari malformation (CMI) and healthy controls. CMI patients were found to have significantly greater grey matter volumes in the cerebellar tonsils compared to controls. Stress, pain, and quality of life were associated with these differences.

#### **4 Effects of dextromethorphan in a schedule-induced polydipsia paradigm in rats**

Madeline T. Van Fossen, Northern Michigan University; Bethany E. Beavers, Northern Michigan University; Alexia Dalton, Northern Michigan University; Dillon S. Shekoski, Northern Michigan University; Adam Prus, Northern Michigan University

The mechanisms of action of dextromethorphan indicate it may be effective in reducing compulsive behavior. To assess this, our study examined the effects of DM in a schedule-induced polydipsia paradigm. Results show that DM reduces water intake in this paradigm, indicating DM may be an effective treatment for obsessive-compulsive disorder.

#### **5 Measuring Anxiety in Larval Zebrafish (*Danio rerio*)**

Matthew Blankenship, Western Illinois University; Brooks Madison, Western Illinois University; Kenedy Cox, Western Illinois University; Megan Podkulski, Western Illinois University; Isaiah Moorman

Using a sensitive, robust measure of early onset anxiety in larval zebrafish (5 and 10 days old), it has been demonstrated that free swimming larvae swim actively with no place preference in habituation and pretest phases, but strong light preference when presented with choice.

#### **6 Gender Differences in Threat Response Related to Alcohol Use**

Juru Okwaramoi, Marquette University; Jacklynn Fitzgerald, Marquette University; Kaley Davis, Marquette University

This study explores the relationship between alcohol use and response to fear, neutral and reward stimuli between males and females via skin conductance response. Males reported more harmful drinking habits than females that were associated with greater arousal. Males may be more significantly impacted by alcohol use in arousal response.

#### **7 Association between Resting-State fMRI and Stop-Signal Performance**

Zhennuo Wu, University of Chicago; Shashwath A. Meda, Yale University; Carol Tamminga, UT Southwestern; Brett A. Clementz, University of Georgia; Matcheri Keshavan, Harvard; Godfrey Pearlson, Hartford HealthCare; Elliot S. Gershon, University of Chicago; Sarah K. Keedy, University of Chicago

Prior resting-state functional magnetic resonance imaging studies in healthy people have shown key brain regions for inhibition performance, but whether such association extends to psychosis is unknown. Our objective is to study such associations among Psychosis patients and test for differences in these associations between the patient and healthy groups.



## **8 Sensory Gating Alterations in Schizophrenia: Symptoms and MLAERs**

Sarah MacNeil, University of Ottawa; Ashley Francis, Dalhousie University; Alain Labelle, University of Ottawa Institute of Mental Health Research; Verner Knott, University of Ottawa Institute of Mental Health Research; Derek Fisher, Mount Saint Vincent University

This study examined sensory gating in individuals with schizophrenia (SZ). Results suggested that as symptoms of SZ worsen, individuals exhibit more deficits in sensory gating. These findings advocate for the RDoC approach to psychiatric research to better understand how symptom clusters of SZ and their neural underpinnings relate to cognition.

## **9 Revisiting Age-related Atrophy of the Pigeon Telencephalon**

Vincent Coppola, The University of Findlay; Holden Scribner, University of Findlay; Caillie Barnett, The University of Findlay; Kaylyn A.S. Flanigan, Bowling Green State University; Verner Bingman, Bowling Green State University

Previous findings of age-related *increases* in total brain mass and telencephalon volume in pigeons was re-examined with an older sample. A significant *reduction* in brain mass and telencephalon volume was found, suggesting pigeons, like mammals, experience brain atrophy in advanced age.

## **10 Neural Correlates of Cognitive Control within an Emotional Anti-saccade Task**

Makayla Mattson, Northern Michigan University; Andrew Hauler, Northern Michigan University; Dahlia Kassel, Northern Michigan University; Caleb Coughtry-Carpenter, Northern Michigan University; Anna Patterson, Northern Michigan University; Lin Fang, Northern Michigan University; Joshua Carlson, Northern Michigan University

Cognitive control supports flexible, adaptive responses and complex goal-directed behavior. This study evaluates cognitive control/inhibition in an emotional anti-saccade task in which the neural correlates are unknown. To fill this gap in research, we used fMRI to identify neural correlates of cognitive control in the presence of affective distractors.

## **11 Neural responses to attention demands in speech**

Letitia Ho, University of Chicago; Howard Nusbaum, University of Chicago  
This study investigates whether the neural encoding of voice properties changes with task demands. EEG was recorded while subjects listened to speech containing different types of expectation violations. Results indicate that sudden changes in talker increase attention to spectrotemporal properties of speech and words that violate sentence meaning reduce it.

## **12 Neural determinants of visual awareness during object-substitution masking**

Joseph Harris, Bradley University; Amal Choudhry, Bradley University; Jeremy Gluck, Bradley University

Our study tracked measures of perceptual hypothesis testing and attentional deployment across conditions awareness and unawareness of targets during three object-substitution masking variants, each emphasizing different functional accounts of this phenomenon. Most notably, measures of attentional deployment track more closely with awareness for our variant de-emphasizing perceptual hypothesis testing mechanisms.

## **13 The Default Mode Network and Open-Mindedness Impact Political Rigidity**

Chad Osteen, Loyola University Chicago; Chinedum Ekeh, Loyola University Chicago; Nicolle Leon-Araujo, Loyola University Chicago; Cailor Bestwick, Loyola University Chicago; Diego Capetillo, Loyola University Chicago; Christina Sweiss, Loyola University Chicago; Sydney Samoska, Loyola University Chicago; Robert Morrison, Loyola University Chicago  
50-word Abstract for Program. The Earned Dogmatism Effect states that experts are less likely to consider new ideas coming from someone they believe knows less about a topic. In this study we will investigate whether brain stimulation to the Default Mode Network can lesson this effect as measured with a Latitude

## **14 Role of the Default Mode Network in Earned Dogmatism**

Chad Osteen, Loyola University Chicago; Nicolle Leon-Araujo, Loyola University Chicago; Cailor Bestwick, Loyola University Chicago; Chinedum Ekeh, Loyola University Chicago; Diego Capetillo, Loyola University Chicago; Sydney Samoska, Loyola University Chicago; Robert Morrison, Loyola University Chicago

The Earned Dogmatism Effect suggests that self-perceived experts feel situationally entitled to being closed-minded to differing perspectives (Ottati et al., 2018). This study further explores this effect by exploring the role of the DMN in this process via a Transcranial stimulation to the posterior cingulate cortex (DMN) vs sham condition.

### **15 Practice of Smoking Self-Regulation on Cravings Associated to Food Cues**

Iriannys Torres, Avila University; Laura Martin, University of Kansas Medical Center

Strengthening executive functioning is relevant for addiction treatment. There is a need to specify the applicability of self-control practices for multiple addictive consumption behaviors. A secondary analysis was done to explore self-regulation transferability from smoking cues to food cues and the influence adherence has on brain activation changes.

### **16 Effects of Picture Valence on Serial Pattern Production**

Shannon Kunday, Hood College

Undergraduates learned an interleaved pattern in a computerized pattern production task while briefly exposed to positively- or negatively-valenced pictures between pattern production trails. Briefly presented negatively-valenced pictures disrupted performance relative to a group experiencing positively-valenced pictures. This suggests some of processes needed to learn or perform the pattern were explicit.



#### **MPA Invited Workshop**

##### **Analytics in Market Research**

Fri 1:00PM - 2:50PM

Wilson

Elaine Zanutto, NAXION; Jennifer Boldry, NAXION

In this workshop, attendees will learn how social science research methods are applied to business questions in a market research context. Specifically, we will discuss common challenges such as segmenting consumers, understanding purchasing decisions, and product development with examples of the types of statistical approaches that are typically applied.

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**MPA Invited Presidential Address**

**Communicating about Attitudes and Behaviors: A Look at Social  
Influence Processes**

Dolores Albarracín  
University of Pennsylvania

Fri 1:00PM - 2:50PM

Crystal

Moderator: Rosalyn Davis, Indiana University Kokomo

This talk will begin with an analysis of interindividual processes of person perception that unfold following brief verbal messages such as those on social media. I will describe experiments designed to establish when alluding to behaviors or attitudes influences attitudes and norms. After discussing the processes underlying the effects of interindividual messages, I will present big data research by which effective interindividual messages can be elevated to authorities within communities. I will conclude with an analysis of the challenges of mobilizing authorities and describe field and experimental research on the bottom-up, social action mechanisms that inspire institutional leaders to work toward solving problems in their communities.

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## Behavioral Neuroscience

Fri 1:00PM - 2:50PM

Salon 10

Moderator: Beth Ann Rice, Slippery Rock University

### **1:00 How Genetic and Experiential Factors Impact the Chimpanzee Brain and Cognition**

William D. Hopkins, Department of Comparative Medicine, The University of Texas MD Anderson Cancer Center

Chimpanzees share more than 98% of the same DNA proteins as humans. Like humans, chimpanzees have a prolonged period of infancy and this can have both positive and negative consequences on brain and behavioral development. In this talk, I present findings on the role of genetic and rearing experiences on the brain and cognition of chimpanzees. These data are interpreted into the context of neural plasticity and evolution.

### **1:30 The Effects of tDCS on Visuomotor Integration and Processing**

Jessica Van Bree, University of North Dakota; Dmitri Dmitri Poltavski, University of North Dakota; Thomas Petros, University of North Dakota

The current study aims to investigate the effectiveness of tDCS on visuomotor integration and visual processing. The study protocol assesses subjects on behavioral and performance measures of visuomotor integration, while providing subjects with a longitudinal opportunity to train their visuomotor skills, some of whom with the addition of tDCS.

### **1:45 Social Pharmacology: A Novel Neurophysiological Paradigm to Study Social Behavior**

Dominik Mischkowski, Ohio University

Showcasing a social pharmacological research program using the popular painkiller acetaminophen, I demonstrate that drugs can (1) have unforeseen but meaningful social side-effects (social side-effects hypothesis), (2) be influenced by psychosocial factors (social moderation hypothesis), and (3) influence social processes which in turn explain drug effects (social mediation hypothesis).

### **2:00 Natural Products Pharmacology and the Opioid Epidemic**

Lance R. McMahon, Texas Tech University Health Sciences Center

Millions of Americans consume kratom, one of the names for the plant

Mitragyna speciosa. Kratom contains dozens of alkaloids, each with a complex pharmacology. This presentation will review the receptor binding of several kratom alkaloids as well as physiological and behavioral effects with translational validity for abuse, dependence and toxicity.

## **Cognitive Development**

Fri 1:00PM - 2:50PM

Salon 12

Moderator: Melissa O'Connor, North Dakota State University

### **1:00 Measurement invariance of working memory in early childhood**

Dana Miller-Cotto, Kent State University

I present work here investigating whether the Numbers Reversed task—arguably the most widely used measure of working memory in the US—is invariant across racial/ethnic groups. That is, is this standardized assessment functioning similarly for all students, or is the assessment systematically biased toward one group or another?

### **1:30 Children's Evaluation of Black and White Men's and Women's Knowledge**

Khushboo S. Patel, University of Louisville; Judith Danovitch, University of Louisville; Nicholas Noles, University of Louisville

This study explored how an adult's race and gender impacted children's perception of that person's scientific knowledge. Children rated Black and White men and women as having similar amounts of knowledge, but older children and boys chose men over women when identifying who would be best at answering scientific questions.

### **1:45 Increasing Family STEM Conversations by Adding Conversational Prompts to Recipes**

Yin Zhang, Kent State University; Katie Asaro, Kent State University; Bradley Morris, Kent State University

This study implemented a light intervention by embedding conversational prompts (i.e., wh-questions) in a family popping popcorn activity. The results suggested that families in the experimental group produced more STEM talk than the control group. This demonstrates the efficacy of a light intervention to increase STEM talk in natural family conversations.

## **2:00 Visual-based Methods to Measure Event Comprehension and Memory**

Taylor Vargo-Simonson, Kansas State University; Isabella Hubbell, Washburn University; Kristen McGatlin, Kansas State University; Heather Bailey, Kansas State University

Older adults experience age-related deficits in episodic memory, which are typically assessed by verbal measures. This study compared visual and verbal-based measures of memory. We observed the standard age-related memory deficit using traditional verbal measures; however, older and young adults performed similarly on a novel, visual-based measure of event memory.

## **2:15 Student Engagement during COVID-19: A Systematic Review and Meta-analysis**

Emily Kane, University of Notre Dame; Chessley Blacklock, University of Notre Dame; Qizhou Duan, University of Notre Dame; Teresa Ober, Educational Testing Service; Ying Cheng, University of Notre Dame

We aimed to conduct a systematic review and meta-analysis examining changes in student engagement amidst COVID-19 pandemic. A total of 39 studies (135 effect sizes) met inclusion criteria. Preliminary results suggest student engagement decreased overall. Understanding fluctuations in engagement could inform better learning supports in contexts requiring remote online instruction.

## **Race and Ethnicity II**

Fri 1:00PM - 2:50PM

Salon 05/08

Moderator: Andrew Luttrell, Ball State University

## **1:00 Racial-ethnic Worldview: A Conceptual Framework to Understand the Influence of Race**

James E. Brooks, Indiana University

This talk showcases how the understanding of race, ethnicity, and racism collectively inform experiences in and perceptions of relationships and controversies in alternative sexualities. I also introduce research on assessing Racial-ethnic Worldview – the institutional, interpersonal, and intrapersonal perceptions of the import and relevance of race and ethnic group membership.

## **1:30 White People's Responses to Confrontation of Microaggressive Behavior**

Eboni Bradley, Purdue University; Elisabeth Noland, Purdue University;

Margo Monteith, Purdue University

We examined how White people react when confronted for racial microaggressions. Many people (1/3 of sample) denied that they intended the microaggression, and surprisingly, participants reported greater culpability if they denied intent. Although acknowledging harm was also associated with culpability, few White people actually acknowledged harm done by their microaggression.

### **1:45 Perceptions of Hostile and Benevolent Sexism's Association with Racism**

Jeanine Sempler, Indiana University Bloomington; Megan McCarty, Simmons University

Participants perceive a benevolent sexist as less racist than a hostile sexist. A benevolent sexist is also viewed as no more likely to indicate racism than a non-sexist. This suggests that individuals may be unaware of the relationship between benevolent sexism and racism, furthering the risk of experiencing prejudice.

### **2:00 Evaluation of an Online Peer Support Group for African Americans with Mood Disorders**

Jessica Backus, Illinois Institute of Technology; Rachel Kirkes, Illinois Institute of Technology; Emily Ginger, Illinois Institute of Technology; Lindsay Sheehan, Illinois Institute of Technology

This study evaluated an online peer support group for African Americans with mood disorders using a pre-post design. Participants in the peer support group (n = 66) reported increases in perceived recovery from mental illness. Findings support preliminary efficacy of the program and qualitative data provides opportunities for program improvement.

### **2:15 The Impact of Ideological Primes on BLM and ALM Support**

Brier Gallihugh, Ohio University; Kimberly Rios, Ohio University

Little research has been done regarding how inter-ethnic ideologies impact support for or against the Black Lives Matter and All Lives Matter movements. We sought to investigate this gap using experimental primes while finding that multiculturalism, assimilation, and colorblindness differentially predict ALM and BLM support but that primes are ineffective.

### **2:30 Face of Prejudice: Cues Predicting Perceived and Actual Prejudice**

Kevin Summers, University of Denver; Simrat Samra, University of Denver; Gina Paganini, University of Denver; Chris Loersch, University of Colorado; E. Paige Lloyd, University of Denver



We investigated whether people can accurately judge others' explicit and implicit prejudice. Additionally, we investigated which facial cues are valid (i.e., predict prejudice) and invalid (i.e., unrelated to prejudice) signals of targets' actual prejudice and whether perceivers utilized these cues in their judgments of targets' implicit and explicit prejudice.

## **Climate and Behavior Change**

Fri 1:00PM - 2:50PM

Chicago

Moderator: Joseph R. Ferrari, DePaul University

### **1:00 Consumers' Protected Values, Halo Effect, and Demographics in Energy Adoption**

Juan Pablo Loaiza-Ramírez, Purdue University; Torsten Reimer, Purdue University; Carlos Eduardo Moreno Mantilla, Universidad Nacional de Colombia

This study tests a moderated mediation model: Consumers' perceived comfort mediates the effects of the renewability of the energy sources on consumers' adoption intentions; consumers' protected values moderate the mediation. Contrasting typical findings in the literature, young and highly educated consumers would pay more for energy based on fossil fuels.

### **1:15 Using SIMPEA to Predict Support for Solar Panel Adoption**

Nathanael Johnson, Purdue University; Torsten Reimer, Purdue University

SIMPEA hypothesizes that ingroup identification, along with collective efficacy and perceived norms of the ingroup will predict pro-environmental behavior interactively. Using solar panels as a context, we found support for a two-way interaction between identification and ingroup norms, but no evidence of a higher order three-way interaction.

### **1:30 Pro-Environmental Decisions: The Interplay of Environmental Values, Knowledge, and Motivation**

Torsten Reimer, Purdue University; Chris Roland, University of Central Arkansas; Devika Banerji, Metropolitan State University of Denver; Juan Pablo Loaiza-Ramírez, Purdue University

Do you put wrappers into the recycling or trash bin? Wrappers are supposed to go into the trash but are often found in recycling bins. We demonstrate how the distance of bins and the environmental values, motivation, and knowledge of consumers can affect recycling decisions in counter-intuitive ways.

### **1:45 Exploring Americans' Optimism for Overcoming Climate Change**

Nicholas Gallivan, Kansas State University; Christopher Hartley, Kansas State University; Laura Brannon, Kansas State University

Across two studies, the relationships between Americans' optimism for overcoming climate change and other climate- and government-related views are examined. Americans' sources of climate change optimism are also quantified. With these insights, possible practices are provided regarding future educational initiatives for inspiring pro-environmental action and, ultimately, overcoming climate change.

### **2:00 The Impact of Attitudinal and Behavioral Messages: An Experimental Investigation**

Yubo Zhou, University of Pennsylvania; Wenhao Dai, University of Pennsylvania; Hari Sundaram, University of Illinois Urbana-Champaign; Dolores Albarracín, University of Pennsylvania

This project tested how expressions of attitudes during discussions within a social network affect members' attitudes and decisions. We compared the impact of two message types (Behavioral vs. Attitudinal) and found greater impact of the direction of the points made during the discussion when behavioral messages are discussed.

### **2:15 Attitudes and Perceived Knowledge Guiding Behavior: The Moderating Role of Hedonic Mindset**

Borja Paredes, Universidad Autónoma de Madrid; Lorena Moreno, Universidad Autónoma de Madrid; David Santos, Universidad Autónoma de Madrid; Pablo Brinol, Universidad Autónoma de Madrid; Joshua Guyer, Saint Louis University (Madrid); Richard Petty, Ohio State University, Columbus

Across four studies, attitudes predicted behavior and hiring decisions significantly more when perceived knowledge was high (vs. low). The effect of perceived knowledge was more likely to emerge under an epistemic (vs. hedonic) mindset, advancing the field by providing the first demonstration that mindset can moderate attitude-behavior correspondence.

### **2:30 Work-related Social Skills Training for Students with Autism: ASSET Program**

Meena Chockalingam, Illinois Institute of Technology; Eva Schiave, Illinois Institute of Technology; Brian Cerny, Illinois Institute of Technology; Jenna Ausloos-Lozano, Illinois Institute of Technology; Alison Oh, Illinois Institute of Technology; Amanda Boyd, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology

The Assistive Social Skills and Employment Training (ASSET) program is a theory-driven, manualized intervention to develop work-related social skills among young adults with autism. Students' pre- and post-intervention perspectives were thematically analyzed. Results suggest ASSET shows promise as an effective intervention to foster work-related social skills and improve occupational outcomes.

### **College Student Well-Being**

Fri 1:00PM - 2:50PM

Salon 01

Moderator: Amber Henslee, Missouri University of Science & Technology

#### **1:00 Mitigating College Students' Multi-dimensional Loneliness via Mentoring, Mindfulness, and Meaning-making**

Pirita See, South Dakota State University

According to the National College Health Assessment, college life includes the complex experience of loneliness for many students. I interpret data on psycho-social risk factors predicting students' unmet social needs. I then introduce potential interventions focusing on deliberate academic mentoring, web-based mindfulness training, and meaning-making exercises via improved self-concept clarity.

#### **1:30 Stress, Productivity, and Health Behaviors Among College Students: 2021-2022**

Sasha Karnes, University of Wisconsin - Whitewater; Abi Baumgartner, University of Wisconsin-Whitewater

In the context of the ongoing COVID-19 pandemic, an analysis of stress, productivity, and health behaviors was conducted at two timepoints (2021 and 2022) among college students. College students reported less stress and improved productivity over time. Many college students did not meet national dietary or physical activity recommendations.

#### **1:45 College Adpatation and Depressive Symptomatology**

Vedant Desai, Ball State University; Nilou Lueke, Ball State University

The current study examines the relationship between college adaptation and depressive symptoms in undergraduate students. Perceived stress and general self-efficacy were significantly correlated with depressive symptoms. Moreover, perceived stress significantly mediated the relationship between college adaptation and depression. Findings highlight potential risk factors for depression in first-year students.

**2:00 Understanding the College Successes of Immigrant-Origin, Emergent Bilingual Learners**

Elizabeth Vera, Loyola University Chicago; Chelsea Yanuaria, Loyola University Chicago; Claire Furtado, Loyola University Chicago  
Emergent bilingual learners (EBLs) comprise 10% of US students and only half attend college. While research has documented their struggles, this qualitative study examines which factors are associated with succeeding in college. Key themes include succeeding in spite of barriers, succeeding due to social support, and succeeding due to self-reliance.

**2:15 Assessing Academic Impairment in College Students with Non-Apparent Disabilities**

Evelyn Waters, Denison University; Michaela Hassler, Denison University; Robert Weis, Denison University  
The Academic Impairment Measure (AIM) is a norm-referenced, self-report measure of academic impairment that yields standardized scores on seven domains of functioning. Professionals can use the AIM to screen for significant impairment in students with non-apparent disabilities, tailor accommodations to students' limitations, and monitor the effectiveness of accommodations over time.

**2:30 The Efficacy of a Trauma-Focused ACT Intervention for College Students**

Alex Ajayi, Augsburg University; Jacob Schachter, Augsburg University; Noah Goblirsch, Augsburg University  
We present preliminary results of a randomized controlled trial testing the initial efficacy and feasibility of a 3-session therapeutic intervention based on Trauma-Focused Acceptance and Commitment Therapy in a sample of college students. This intervention has the potential to help address the unmet mental health needs on college campuses.

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## Symposium

### **Disability Stigma Across Contexts: Qualitative and Quantitative Insights**

Fri 1:00PM - 2:50PM

Salon 03

Although research on disability itself is growing, the study of disability stigma has comparatively lagged. We bring together scholars examining disability stigma and its consequences across a variety of contexts using both qualitative and quantitative approaches. The first presenter discusses a qualitative examination of disability-related microaggressions, and how disability stigma intersects with anti-Asian racism to undermine disclosure and access to professional services. The next presenter addresses healthcare access in a large sample of individuals with rare diseases (or their caretakers), highlighting stigma, discrimination, and a lack of social support as critical barriers to care. The third presenter examines disability discrimination prevalence both interpersonally and in institutions (e.g., healthcare) using a nationally-representative sample, further testing discrimination as a predictor of poorer mental health. The final presenters offer mixed-methods analyses of a novel curricular intervention that reframes disability in an empowering, destigmatizing manner. Change in quantitative outcomes (e.g., stereotypes) and a qualitative examination of assignments for the affirmative disability model are discussed. Together, these presentations highlight how disability stigma manifests in multiple interpersonal forms, but can also be a feature of critical institutions like healthcare and education, suggesting that future stigma reduction efforts should adopt a multi-level approach.

#### **Diverse Disability Identities and Microaggressions**

EUN-JEONG LEE, Illinois Institute of Technology

#### **Healthcare Access for People with Rare Diseases: Stigma and Support**

AMANDA R. HEMMESCH, St. Cloud State University, KATHLEEN R. BOGART, Oregon State University, ERICA BARNES, Minnesota Rare Disease Advisory Council

## **Disability Discrimination & Mental Health**

JORDAN RUBIN-MCGREGOR, Miami University; JEFFREY HUNGER, Miami University

## **Disability Empowered: A 4-Model Framework for Teaching Disability in Psychology**

LILY B. WALKER, Bemidji State University, THOMAS P. DIRTH, Bemidji State University



### **Symposium**

#### **The Antecedents, Consequences, and Resolution of Goal Conflicts**

Fri 1:00PM - 2:50PM

Salon 06/07

Navigating multiple goals is an inherent part of life. The pursuit of these goals can lead to conflicts wherein the pursuit of one goal threatens to undermine the attainment of another. Understanding how people address goal conflicts may provide insight into who, when, and why some succeed while others fail in goal pursuit. The current symposium brings together researchers who investigate the antecedents, consequences, and resolution of goal conflicts from different theoretical perspectives with an aim of facilitating discussion and collaboration between speakers and audience members. The first talk examines academic contingency of self-worth as an antecedent to conflicts between academic and social goals, and explores implications for students' well-being. Although indulgences are traditionally viewed as problematic for self-control, the second talk examines how planned (vs. unplanned) indulgences may facilitate adaptive resolution of goal conflicts. The third talk describes how representing goals conflict as inherently incompatible (i.e., inherent conflict) vs. competing for limited resources (i.e., situational conflict) influences people's preferences for abstinence vs. moderation as strategies for dealing with repeated self-control dilemmas. The final talk examines how people can use goal fusion (i.e., linking of means to goals) to enhance intrinsic motivation to reduce goal conflicts.

#### **Academically Contingent Self-Worth Predicts School-Social Goal Conflict and Lowered Well-Being**

DEBORAH E. WARD, Saginaw Valley State University; LORA PARK, University at Buffalo, The State University of New York; KRISTIN NARAGON-GAINEY, The University of Western Australia

**Adaptive Indulgence as a Viable Self-Control Strategy**

E. R. HIRT, Indiana University-Bloomington, L. JIA, National University of Singapore, & Y. LI, National University of Singapore

**Role of Conflict Representation in Abstinence and Moderation in Self-control**

PHUONG Q. LE, The Ohio State University, KENTARO FUJITA, The Ohio State University, & ABIGAIL A. SCHOLER, University of Waterloo

**Goal Fusion Increases Motivation**

JIABI WANG, University of Chicago; AYELET FISHBACH, University of Chicago



**Clinical and Developmental Posters I**

Fri 1:00PM - 2:50PM

Exhibit Hall

**1 Resilience and Mental Health of Higher Education Faculty**

Hui Zhang, University of Indianapolis; Princy Quadros-Mennella, Westfield State University

This study examined the association between resilience and mental health among higher education faculty during the COVID-19 pandemic. Our findings from 139 participants indicated that female faculty benefited more from receiving social resources and maintaining their personal structure, whereas harmonious family relationships were more important for male faculty.

**2 The effect that amount of video game usage has on maladaptive coping strategies.**

Chasity Foster, Iowa State University; Don Gill, Iowa State University; Nancy Tran, Iowa State University; Maggie Jirik, Iowa State University; Diyorbek Yusupov, Iowa State University; Alyona Rogojina, Iowa State University; El-Lim Kim, Iowa State University; Douglas A. Gentile, Iowa State University

This study compares the amount of video game usage and maladaptive coping strategies from participants who completed online questionnaires. Survey answers collected and compared to see if there was significance in the relationship between hours played with coping strategies, as well as escapism being connected to coping strategies.

### **3 Self-Compassion Mediates the Relationship between Spirituality and Resilience.**

Tenzin Nyima, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

Participants who reported higher spirituality reported higher resilience and self-compassion, and participants with higher self-compassion also reported higher resilience. Self-compassion mediated the association between spirituality and resilience. These results may help inform the design of interventions to improve coping skills and adaptation.

### **4 Perceived Stress, Coping, and Posttraumatic Growth Among Adults with SCI**

Brian Cerny, Illinois Institute of Technology; Jessica Springer, Illinois Institute of Technology; Alison Oh, Illinois Institute of Technology; Jenna Ausloos-Lozano, Illinois Institute of Technology; Katelyn Aldridge, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

Post-traumatic growth (PTG) is positive change experienced after a traumatic stressor. Previous research has found perceived stress and coping to be associated with PTG. Associations between perceived stress, coping, and PTG were evaluated via hierarchical linear regression. Perceived stress, but not coping, was significantly associated with PTG.

### **5 Discrimination and Relationship Quality Predicting Physical and Mental Health**

Prit Patel, Miami University; Allison Farrell, Miami University

We test the interaction between discrimination and relationship quality predicting mental and physical health in middle-aged Black and Latinx adults. We find relationship quality is positively associated with mental and physical health outcomes, but neither daily nor discrete discrimination was associated with health. No interaction effects emerged.

### **6 Food Conscientiousness: Moderating the Freshman 15 Effect**

Mitsuru Shimizu, Southern Illinois University Edwardsville; Kimberly Janke, University of Denver; Jason Murphy, Southern Illinois University Edwardsville



Weight gain during the first year of college is referred to as the Freshman 15. This study demonstrated that food conscientiousness, an attitude involving how much people understand and pay attention to healthier food choices, could prevent students who did not eat healthy food regularly from experiencing the Freshman 15.

### **7 Food for Thought: The Impact of Nutrition on Mental Health**

Rebecca Wood, Ball State University; George Gaither, Ball State University  
This study sought to examine nutrition, depression, and generalized anxiety disorder (GAD). Using a nationally representative dataset (NHANES) and consistent with previous research, people who scored positive for depression consumed less fruit and vegetables; however, there was no significant differences between people who scored positive and negative for GAD.

### **8 Emotion regulation difficulties and NSSI severity in boys and girls**

Caitlin Gregory, Western Kentucky University; Amy Brausch, Western Kentucky University

The current study examined the relationship between multiple domains of emotion dysregulation and NSSI severity by girls and boys separately. Among adolescents with NSSI history, emotion regulation difficulties were associated with number of NSSI methods, with differences in domains of dysregulation between boys and girls.

### **9 Perceived Health, Marital Status, and Life Satisfaction in SCI**

Jessica Springer, Illinois Institute of Technology; Vanalyn Quichocho, Illinois Institute of Technology; Brian Cerny, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

The goal of this study is to elucidate the moderating role of marital status between perceived physical health and life satisfaction among individuals living with SCI. Perceived physical health was significantly associated with overall life satisfaction. Marital Status had no significant main effect or moderating effect on life satisfaction.

### **10 Mindfulness, Body Appreciation, and Eating Pathology in Sexual Minorities**

Wesley Barnhart, Bowling Green State University; Amy Jordan, Bowling Green State University; Maria Kalantzis, Bowling Green State University; Emma Studer-Perez, Bowling Green State University; Michael Bailey, Bowling Green State University; Dryw Dworsky, Bowling Green State University

Mindfulness facets (e.g., acting with awareness, describe, non-judgement,

non-reactive) and body appreciation were inversely related to eating pathology which may speak to the potential utility of addressing these variables in prevention and treatment designs of eating pathology in sexual and gender minority adults.

### **11 Weed Dreams? Cannabis Use and Sleep Quality**

Christine Ziemer, Missouri Western State University; Na-Ann Mendoza, Missouri Western State University

We examined the effect of cannabis use before bed on sleep quality in an 8-day within-subjects design. We compared self-reported sleep quality in cannabis users after consuming cannabis before bed or abstaining from cannabis before bed. Preliminary results suggest cannabis use before bed may negatively impact sleep quality.

### **12 Exposure to Nature and Mental Health: A Cross-Sectional Study**

Madison Schony, Ohio University; Dominik Mischkowski, Ohio University  
It remains unclear what aspect of experiencing nature is most strongly associated with mental health outcomes. We found that spiritual connection with nature and physical time spent in nature correlated positively (and not negatively) with depression and anxiety. Time in nature was most strongly associated with mental health outcomes.

### **13 Student Health Allies & Peer Educators Competencies and Mindfulness Training**

LeeZa Ong, Marquette University; Karisse Callender, Marquette University; Sephora Wawa-Egbuche, Marquette University; Amber Herbst, Marquette University; Madeline Glawe, Marquette University

College athletes place a higher value on their interactions with their teammates who they are likely to turn to when they are struggling (Ryan & Bell, 2018; DeFreese & Smith, 2013). This study aimed to evaluate the effectiveness of the student athletes' peer support competency and mindfulness training.

### **14 Predictors of Students' Perceived Stress and Wellness**

Li Zhou, Bemidji State University; Logan Bellinder, Bemidji State University; Ashley Laubach, Bemidji State University; Shelene Head, Bemidji State University

Current study identified the predictors of nursing students' perceived wellness and stress. A path analysis showed that year at college and gender predicted their perceived stress level and perceived wellness. This finding is useful for the nursing program to improve students' wellness and mental health.

### **15 Impulse control not consistently related to executive functioning in Parkinson's**

Nicole Sharf, The Chicago School of Professional Psychology; David González, Rush University

Impulse-control disorders (ICDs) and sexual dysfunction are non-motor symptoms of Parkinson's disease that can manifest as hypersexuality (HS). ICDs are associated with executive functioning (EF), although the PD literature is limited. We explored relationships between EF and ICDs in people with PD.

### **16 Chronic Illness, Help-Seeking, and Burden in Emerging Adulthood**

Ashley Lundell, Carthage College; Kateryna Sylaska, Carthage College

This study identifies help-seeking barriers and generates a nuanced understanding of the experiences of feeling like a burden for emerging adults with chronic illnesses. Findings shed light on the unique challenges faced by those with chronic illness and enable potential support providers to better understand these challenges.

### **17 Embarrassment and Duration of Psychological Distress's Impact on Help-Seeking Attitudes**

Chase Herndon, Kansas State University; Laura Brannon, Kansas State University

Results suggest observing someone being confronted for asking directly for help can be detrimental as length of distress increases. However, as length of distress increases observing someone being confronted for indirectly asking for help (e.g. "I'm asking for a friend") did lead to improvements of help-seeking attitudes.

### **18 Role of Built Neighborhood Environment on Perinatal Maternal Depressive Symptoms**

Esmeralda Lezama Ruiz, Marquette University; Kimberly D'Anna-Hernandez, Marquette University

The rate of maternal depression in Mexican-American mothers is substantially higher than white non-Hispanic populations. This study will investigate the contribution of environmental elements at various socioecological levels on maternal depression in the vulnerable Mexican American population to determine the role of built neighborhood environment on prenatal maternal depressive symptoms.

### **19 Factor Analysis and External Validation of the Academic Stress Scale**

Xinyi Zhang, Illinois institute of technology; Brian Cerny, Illinois Institute of

Technology; Eun-Jeong Lee, Illinois Institute of Technology  
This study was to further explore factors of Lakaev Academic Stress Response Scale (LASRS) and their association with depressive symptoms among college students, and help inform clinical utility of the LASRS. Results suggest the LASRS is an appropriate assessment for identifying academic stress in clinical practice.

### **20 Parent's Emotion Dysregulation and Child's Emotional Overeating: Exploring Moderation Effect**

Michael Vang, University of Toledo; Megan Carter, The University of Toledo; Adelyn Sherrard, University of Toledo; Frances Lauten, The University of Toledo; Cin Cin Tan, University of Toledo

This study examined whether parent's emotion regulation food parenting (ER) moderated the relationship between parents' emotion dysregulation (ED) and children's emotional overeating. Findings showed that among parents with high ED, higher ER was associated with greater child emotional eating than among parents with low ED.

### **21 Peer Victimization Experienced by Youth with ASD**

Elizabeth McRae, The University of Alabama; Laura Stoppelbein, University of Alabama at Birmingham; Allison Birnschein, The University of Alabama  
Youth with autism are a socially vulnerable population disproportionality at-risk of experiencing peer victimization (PV) compared to other children. Findings of this study suggest that certain risk factors specific to ASD – behavioral rigidity and peer socialization – predict PV even after accounting for internalizing and externalizing behaviors.

### **22 Income as a Moderator: Parental Anxiety and Child Behavior Problems**

Joely Reznik, Eastern Michigan University; Madison Hannapel, Eastern Michigan University; Angela Staples, Eastern Michigan University; Jamie Lawler, Eastern Michigan University

We examined the moderation of household income on the relation between parental anxiety and child behavior problems. The association between parental anxiety and intensity of child behavior problems was strengthened as household income decreased. Interventions for lower-income families may help reduce the intensity of child behavior problems and parental anxiety.

### **23 Early Adolescent Self-Esteem as a Function of Gender Typicality and Classroom Competitiveness**

Mithra Pirooz, University of Nebraska at Omaha; Jonathan Santo, University

of Nebraska Omaha; Lina Saldarriaga, Josafa Da Cunha, Federal University of Parana in Curitiba; Bin-Bin Chen, Fudan University; William Bukowski, Concordia University, Montreal Quebec Canada

Using a sample of early adolescents from four different countries, we examined gender typicality as an individual-level predictor and classroom competitiveness as a group-level predictor of self-esteem. Classroom competitiveness moderated the positive relationship between gender typicality of the individual and self-esteem.

#### **24 Adverse Childhood Experiences and Black Individuals**

Mikaila Ealum, University of Southern Indiana; Zachary Pilot, University of Southern Indiana; Matthew Powless, University of Southern Indiana

Adverse Childhood Experiences (ACEs) are events such as child maltreatment that have a major impact on the mental and physical health of individuals. The current study provides insight into the repercussions of ACEs on members of the Black community, an underserved group with a lack of research regarding ACEs.

#### **25 Criminogenic Thinking and Maladaptive Behavior Among First Year College Students**

Taylor Blackburn, Avila University; Cody Carmack, Avila University; Jazmine Reyes, Avila University; Jon Mandracchia, Avila University

First year college students engage in high levels of risky behavior. This longitudinal study examines the link between criminogenic thinking at the beginning of the semester and maladaptive behavior later in the academic year among 64 college freshmen. Implications for preventive programming to decrease problematic behavior and attrition are discussed.

#### **26 Understanding Disconnect Within Mental Health Supports in Family-School Partnerships**

Temiloluwa Yusuf, University of Michigan Ann Arbor

Current research suggests parental involvement in school is beneficial to student outcomes. This study seeks to explore aspects of family-school collaboration that support youth mental and behavioral health through examining home-school dissonance, home-school match, and congruence.

#### **27 Adolescents' Sense of Belonging to Parents Country of Origin**

Danieli Mercado Ramos, Loyola University Chicago; Guadalupe Lopez Hernandez, Loyola University Chicago

Study examines how connected second-generation Latinx immigrant-origin adolescents feel to their parent's country of origin and the implications for

their sense of belonging. Thirty-four participants from the suburban Midwest participated in a semi-structured interview. Most participants gained a sense of connection by being part of spaces celebrating their parents' culture.

### **28 Emotion Dysregulation, Bullying, and Suicide Behaviors in Adolescents**

Anthony Kennedy, Western Kentucky University; Amy Brausch, Western Kentucky University

The current study examined the moderating effect of bullying on the relationship between emotion dysregulation and the self-harm outcomes of suicide attempts and nonsuicidal self-injury (NSSI). Results showed significant moderation such that the relationships between emotion dysregulation and self-harm outcomes were significant and stronger when individuals had experienced bullying.

### **29 Adolescents' Self-Esteem Mediates the Association Between Peer Victimization and Self-Continuity**

Sheri McVay, University of Nebraska at Omaha; Ana Cristina Bittencourt, Federal University of Parana in Curitiba; Josafa Da Cunha, Federal University of Parana in Curitiba; Jonathan Santo, University of Nebraska Omaha

Longitudinal data from 310 adolescents from Curitiba, Brazil were utilized to test for the mediating role of self-esteem on the association between peer victimization and self-continuity. Analyses were performed using structural equation modeling and findings supported the role of peer victimization in explaining disparities in adolescents' self-continuity a year later.

### **30 Social Support Buffers the Relationship Between Family Configuration and Bullying**

Jessica Rehtus, University of Nebraska at Omaha; Jonathan Santo, University of Nebraska Omaha

Analyses from nationally representative 2019 Brazilian archival data found that adolescents living with neither or one parent were bullied at a higher rate than children living with both parents. Guardian understanding and close friends were negative predictors of bullying and moderated the relationship between family configuration and peer victimization.

### **31 Examination of Drinking Habits in College Freshman**

Amy McDonnell, Lynn University

Data was collected from 162 college freshman by providing subjects with surveys containing questions regarding their demographic information as well

as their personal alcohol consumption habits, and their rating of self-esteem. Results of the study indicated that the relationship between self-esteem and drinking habits was stronger for males than for females.

### **32 Perfectionism and depressive symptoms among college students**

Anusha Limdi, Loyola University Chicago; Enrique Jimenez, Loyola University Chicago; Andréa Kaniuka, University of North Carolina at Charlotte; Kaylah Denis, Loyola University Chicago; Byron Brooks, Loyola University Chicago

We examined the mediating role of both self-forgiveness and self-compassion on the relationship between perfectionism and depressive symptoms among college students. Self-compassion was a more robust mediator of the perfectionism-depressive symptoms linkage relative to self-forgiveness.

### **33 The relationship between non-acceptance of emotions and NSSI**

Sydney Graham, Western Kentucky University; Jenessa Canen, Western Kentucky University; Caitlin Gregory, Western Kentucky University; Amy Brausch, Western Kentucky University

The present found significant correlations between the non-acceptance of emotions and the type of NSSI methods that adolescents engage in/ the number of NSSI methods that adolescents engage in. Response latency of NSSI was not found to be significantly correlated with the non-acceptance of emotions in adolescents.

### **34 COVID-19 Impacts the Relationship between Internet Use and Body Image.**

Mary Tisko, University of Nebraska at Omaha; Jonathan Santo, University of Nebraska Omaha; Juan Casas, University of Nebraska at Omaha

We examined whether social media use predicts body image disturbance through social comparison. We also examined the moderating effects of body positivity content and COVID-19 quarantine. Social comparison partially mediated the relationships between social media use and body image. COVID-19 status moderated these relationships, however body positivity content did not.

### **35 Elevation of Black Adolescents' Critical Consciousness and Emotional Development**

Jazlyn Rowan, Indiana University; Ja'Toria Palmer, Indiana University; Casey Johnson, Indiana University; Tennisha Riley, Indiana University Bloomington

Youth participatory action research is an important critical pedagogical

approach that provides a safe context for Black students to engage in critical consciousness and emotional processing. The current study creates knowledge about pedagogical processes and learning experiences outside of school that empowers and heals students through emotion regulation-focused guidance and supports Black students' social justice actions.

### **36 Relationship Between Attachment Style, Emotion Regulation, and Transition to College**

Paulina Wüstefeld, Western Illinois University; Robert C Intrieri, Western Illinois University; Paige Goodwin, Western Illinois University  
Relationships between attachment style, emotion regulation and transition to college were examined. Freshmen and transfer students completed an online survey. Anxiety and avoidance related to less favorable emotion regulation strategies. Anxiety and avoidance were related to higher personal-emotional adjustment and total adjustment.

### **37 Does Race Moderate Parenting Techniques?**

Essence Baker, Cleveland state university  
We tested whether race moderates the effects of parental inconsistent discipline, poor supervision, and positive parenting on adolescents' depression and anxiety levels. We found that Blacks benefited more than their White counterparts from anxiolytic effects of positive parenting. Clinical implications will be discussed.

### **38 Mesosystemic influences on juvenile justice outcomes**

Farhia Osman, Illinois State University; Erin Marchand, Illinois State University; Adena Meyers, Illinois State University  
Numerous studies report the importance of family involvement in juvenile offender outcomes. However, there is little consensus upon how to define engagement. This study examines the mesosystemic influences of youth offenders upon their probation program outcomes through the communication of family and professionals.

### **39 Grandparents and Museum Visits**

Nicole R. Rivera, North Central College; Christina Gaggiano, North Central College; Egypt Moyenda, North Central College; Bradley Kinney, North Central College  
Museums and grandparents both provide important social and learning experiences for children. 163 surveys were completed with grandparents at suburban children museums to examine motivations and barriers for them to



accompany their grandchildren to museums. Findings can increase institutional understanding of the needs of grandparent visitors.

#### **40 What Contributes to Well-Being in Later Life?**

Yeojin Rho, Governors State University

Selection, optimization, and compensation (SOC) theory asserts that people can achieve their goals and be satisfied with their life by changing goal achievement strategies although there were age-related limitations in resources. This study examined how optimization and compensation strategies moderate the relations with health and education to elders' life satisfaction.

#### **41 Resilience and Childhood Health Predict Dementia in Later Life**

Yufang Tu, North Dakota State University; Teri Undem, North Dakota State University; Melissa O'Connor, North Dakota State University

The current study investigated childhood health, resilience, and idea execution ability as predictors of a dementia diagnosis among 6,882 participants in the National Health and Aging Trends Study (NHATS). Decreased levels of each predictor were significantly associated with greater odds of having dementia.

#### **42 Positive psychology reinforcement and PTSD with at-risk adolescents**

Lavinia Popescu Nau, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

This literature review seeks to evaluate the importance of positive psychology interventions for at-risk adolescents with PTSD in a residential setting. Most of the studies focused on posttraumatic growth after being exposed to a traumatic event and no research was found applying positive psychology in a youth residential facility.

#### **43 Environmental Attitudes and Legacy Among Older Adults**

Nicole Lehpamer, Mather Institute

Although society has increasingly become concerned about environmentalism, less is known about environmental attitudes among older adults. Using a survey administered to older adults, aged 55+, the study explores this discrepancy and further examines how environmental attitudes are associated with legacy.

#### **44 Biological, Psychological, and Social Impacts of Misophonia and Eating Disorders**

Dennis Brown, Michigan School of Psychology

Misophonia is a condition in which a person experiences emotional distress from trigger sounds. To help clinicians recognize misophonia, a literature review was conducted and identified three common themes: biological, psychological, and social. Knowledge of these impacts on the population, particularly those with comorbid eating disorders, would further enhance treatment.

#### **45 Humor's Impact on Third Party Evaluation of Clinicians**

Jameson Brehm, Washburn University; Dave Provorse, Washburn University  
An analog experimental design revealed client's reaction to humor influences 3<sup>rd</sup> party therapist ratings. Negative client reaction to humor impacts Expertness and Total Therapist ratings negatively on the CRF-S. Attractiveness and Trustworthy subscales were not significantly impacted. Findings inform the utility of humor as a tool in clinical practice.

#### **46 Perceived Microaggressions and Client Self-Disclosure in Therapy**

Kimberly Tom, University of North Dakota  
This study investigated whether perceived microaggressions would predict lower levels of self-disclosure in therapy among people who identify as a member of at least one minoritized group. Results from this study suggested perceived distress mediates the relationship between perceived microaggressions in therapy and level of self-disclosure from client to therapist.

#### **47 The Link Between Symptom Presentations and Recognition of Bipolar Disorder**

Alexis Schoenbaechler, University of Indianapolis; Jordan Waldron, University of Indianapolis  
The purpose of this study was to test how different presentations of bipolar disorder impact recognition of the disorder. Using a sample from Amazon Mechanical Turk, we found that a vignette with depression and mania was more recognized as bipolar than vignettes with just hypomania or just mania.

#### **48 Trainees' Characteristics and Perceptions of Their Multicultural Training Experiences**

Frederick Siglar, Southern Illinois University Carbondale; Kathleen Chwalisz, Southern Illinois University Carbondale; Ankita Sahu, Southern Illinois University Carbondale  
The intent of the study is to investigate the relationships between clinical psychology trainees' characteristics (e.g., demographics, degree of cultural

humility, social justice orientation) and their evaluations of the multicultural training received in their graduate programs. Findings and implications for future research and training practices will be discussed.

#### **49 Criminogenic Thinking and Job-Related Behaviors among Law Enforcement Officers**

Jon Mandracchia, Avila University; Laura Gullede, The University of Southern Mississippi

Police reform is a hot topic in the US, but the causes of problematic behavior among law enforcement officers (LEOs) are unknown. In this study we compared LEOs' levels of criminogenic thinking to other populations', and investigated links between criminogenic thinking and maladaptive work-related behaviors and experiences among LEOs.

#### **50 On or Off-campus Services Provided for Students Who Use Substances**

Catalina Echeverry, The University of Missouri; Akshat Gandhi, University of Missouri; Ashley Helle, University of Missouri - Columbia

The present study investigated the prevalence of self-reported substance and mental health service utilization among college students who use alcohol and/or cannabis. Preliminary results suggest students reported more off-campus services than on-campus services, although on-campus educational and brief intervention engagement was high. Student perceptions and implications will be explored.

#### **51 Relationship between Autism-Related Symptoms and Specific Sexuality Variables**

George Gaither, Ball State University; Cassandra Aker, Ball State University

This study examined whether scores on measures of specific autism spectrum disorder symptoms(AQ & RBQ-2A) related to specific sexuality-related variables (e.g., number of sex partners, use of objects during masturbation), and whether symptoms scores were more strongly correlated than total scores, among a community sample (N = 222).

#### **52 Qualitative Analysis of Parental Satisfaction with Telehealth During COVID-19**

John-Paul Legerski, University of North Dakota; Desiree Giesen, University of North Dakota; Alexa Hutson, University of North Dakota

A qualitative study evaluating parents' perceived benefits and challenges of telehealth services in a community mental health center. Parents in the study

identified many positive and negative aspects of telehealth and expressed satisfaction with the treatment modality.

### **53 Construct Validity of the RIAS-2 and WASI-II**

Gary L. Canivez, Eastern Illinois University; McKenzie Sopoci, LaGrange Area Department of Special Education; Cristen Rozek, Bi-County Co-op The Reynolds Intellectual Assessment Scales-Second Edition (Reynolds & Kamphaus, 2015) and the Wechsler Abbreviated Scale of Intelligence-Second Edition (Wechsler, 2011) both assess general intelligence using two verbal and two nonverbal subtests. Strong convergent validity for the composite IQ scores and convergent and discriminant validity of factor-based composite scores is reported.

### **54 Systematic Review of Identity Representation for Anxiety and OCD**

Hannah Johnson, Southern Illinois University; Ella Kerr, Southern Illinois University; Alexa Skolnik, University of Toledo; Jennifer Krafft, Mississippi State University; Clarissa Ong, 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. A meta-analysis was conducted to observe whether study samples were representative of the general population and how group and identity factors impact treatment outcomes.

### **55 The Effect of Perspective on Judging Misinformation**

Anya Kirsch, Northwestern University; Nikita Salovich, Northwestern University; David Rapp, Northwestern University

This experiment investigated whether perspective influences how accurate participants judge misinformation to be. The results demonstrate that people who view inaccurate information in a third-person perspective are marginally more likely to make more incorrect accuracy judgments than those who view the information in a first-person perspective.

### **56 Validity of Online Panel Data for Measuring Mental Health Stigma**

Sai Snigdha Talluri, Illinois Institute of Technology; Beatrice Gaurean, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology

Online panels are evolving as an important medium for conducting research on the stigma of mental illness. The current study compared reliability and validity of two online panels: Mturk & Prolific. While the results were similar

on both platforms, Prolific response and completion rates and attention are better than MTurk.

### **57 Effects of Within- vs. Between Designs on Participant Non-Naïveté**

Andrew D. W. Hall, Queen's University; James Hillman, Queen's University; David Hauser; Jill A. Jacobson, Queen's University

We replicated Tamir et al. (2008) in two samples. Although the effects were stronger in the within-subjects vs. the between-subjects design, participant non-naïveté is unlikely to account for the differences because participants were less accurate at guessing the hypothesis in the within-subjects version than the between-subjects version of the procedure.

### **58 A Pain in the Bot: Exposing Concerns with Online Participants**

Sarah Elizabeth Wellard, DePaul University; Jessica M. Choplin, DePaul University

We set out to explore the question of whether the task of initialing impacts consumer retention & recall of information in contract clauses. However, what at first appeared to be a statistically significant result could not be trusted due to the influence of bots as respondents. We explain why, and what can be done.

### **59 Defense Mechanism of Social Media Influencers Experiencing Digital Aggression**

Heijin Lee, Michigan State University; Saleem Alhabash, Michigan State University

Despite growing concerns about digital aggression, little research has explored how online celebrities cope with it and defend themselves from it. Using data from semi-structured interview ( $N=12$ ), the study examines facets of digital aggression experiences among South Korean social media influencers and their application of defense and coping mechanisms.

### **60 Family Involvement in School-Based Suicide Prevention Program**

Enchi Dai, Roosevelt University

Adolescence an important period for suicide prevention, and school and family are essential contexts for primary/universal prevention. This study examined the role of family involvement in a school-based mental health/suicide prevention program for adolescents. This study found that family involvement could be an important ancillary benefit for adolescents in the program.

**61 Teenage pressure of social comparison: The role of fat talk on social media pressure and body image**

Madison Hannapel, Eastern Michigan University; Valerie Valledor, Eastern Michigan University; Chong Man Chow, Eastern Michigan University

The current study examined the effect of adolescent social media on body image concerns through mother-daughter fat talk. Pressure to use social media and various body image concerns were associated. The association was significantly mediated through fat talk. Reducing media use and fat talk may subsequently decrease body image concerns.



**MPA Networking Event**

**Opportunities for Collaboration Among Asian Americans and Pacific Islanders in Research**

**Hosted by: Sabreet Kaur Dhatt, Loyola University Chicago and DePaul University**

Fri 1:00-1:50PM

Congress

In the hopes of creating an environment where Asian Americans and Pacific Islanders (AAPI) research and contributions are celebrated, we invite AAPIs in psychological research to share their research interests and aspirations. In doing so, we hope this networking session serves as a space for AAPIs to collaborate on research projects and expand their outreach. Perhaps you are seeking to gain additional experience in community-based research or to be a part of a research study that focuses on a construct you are interested in. Either way, this networking event is a welcoming space for all AAPI who wish to enrich their knowledge, develop research skills, and form professional relationships.

**MPA Networking Event**

**Political Psychology Interest Group**

**Hosted by: Mark Brandt, Michigan State University**

Fri 2:00-2:50PM

Congress

Come and meet other students and scholars interested in political psychology.

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**MPA AWARDS AND RECOGNITIONS**

Friday, 3:00PM - 3:30PM

Red Lacquer

Moderators: Helen C. Harton, University of Northern Iowa  
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**

Thomas Redick

In appreciation for service as Council Member (2021-2023)

Ed Hirt

In appreciation for service as MPA Past MPA President (2022-2023)

Renée Tobin

In appreciation for service as Program Chair (2022-2023)

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## **MPA Presidential Address**

### **It's (almost) all social influence: Insights from 30 years of research**

Helen C. Harton  
Univesrity of Northern Iowa

Fri. 3:30PM – 4:30PM

Red Lacquer

Moderator: Bradley M. Okdie, The Ohio State University

I will briefly describe several lines of research on social influence, touching on topics including cultural emergence, political identity, prejudice, cheating, and research ethics. I will also review what this research suggests in terms of how we influence and are influenced by others and the implications for our lives and careers.

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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 Social Hour**

**Friday 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

**SATURDAY, APRIL 22, 2022**

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

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**A Quiet Session and Quiet Room**

Sat 8:30 AM – 2:30 PM

Ashland

This is a quiet room. Please come and sit and relax. There will be tables and chairs, and this room is intended as a place to relax away from everyone and everything for a bit. The same room is used every day for the duration of the conference.

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**MPA Invited Presidential Address**

**Well-Being Science: 4 Decades of Progress and New Frontiers**

Shigehiro Oishi  
University of Chicago


Sat 8:30AM - 10:15AM

Crystal

Moderator: Ed Hirt, Indiana University

Psychologists began to examine well-being in earnest in the 1980s. Over the last 4 decades, many debates on measurement, heritability, and the role of current moods have been resolved. This talk will explore the new frontiers of well-being research ranging from the spatial clustering of happiness to the computational model of well-being to the new concept of a psychologically rich life.

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## Decision Making and Social Issues

Sat 8:30AM - 10:00AM

Salon 02

Moderator: Kristina Todorovic, University of Southern Indiana

### **8:30 Multi-Criteria Model Comparison: A New Method to Improve Decision Science and Machine Learning**

Jason L. Harman, Louisiana State University

Modeling competitions are a promising method for advancing science. In this talk, I review a new multi-criteria model comparison procedure that improves insights gained from scientific competitions. Evidence from both judgment and decision making and Machine Learning support the validity of this new and simple procedure across multiple fields.

### **9:00 Monetary Valuation of Personal Instagram Use**

Dan Henley, Michigan State University; Saleem Alhabash, Michigan State University; Sean Cash, Tufts University; Jay Corrigan, Kenyon College

Social media is an integral part of modern society, but its usage is ambiguously valued. Participants in a study auctioned one month of Instagram access in exchange for monetary compensation, bidding an average of \$853. Associations with usage time and psychological factors (i.e., FOMO, sensation seeking, problematic use) are discussed.

### **9:15 Purpose Moderates the Effects of Performance Expectancy and Hedonic Motivation**

Nathanael Johnson, Purdue University; Torsten Reimer, Purdue University

The intended use of a digital assistant was expected to moderate the effects of performance expectancy and hedonic motivation on its adoption. As predicted, devices rated highly in performance expectancy were preferred for task purposes, but devices rated highly in high hedonic motivation were preferred for entertainment purposes.

### **9:30 The Perceived Trustworthiness Gap in Two Cultures**

Veronica Vazquez-Olivieri, University of Chicago; Yoella Bereby-Meyer, Ben Gurion University of the Negev; Boaz Keysar, University of Chicago

We discovered a trustworthiness gap in the US whereby participants perceive others as less trustworthy than themselves. Now, we demonstrate the gap replicates in China with native Chinese speakers. Participants in both

countries expect to feel guiltier than others if they violate trust, and this mediates the perceived trustworthiness gap.

### **9:45 Evaluating the Role of Polygraph in False Confessions**

Ben Denkinger, Augsburg University; Henry Yoon, Augsburg University

In a comprehensive qualitative analysis of 47 real-world exonerations that included polygraph examinations during interrogation, we investigated the role of “lie detection” testing in inducing false confessions. Rather than providing useful evidence to interrogators about a suspects’ veracity, our data suggests polygraph is primarily used to compel confessions.

## **New Models of Relationships and Sexuality**

Sat 8:30AM - 10:20AM

Salon 03

Moderator: Steven J. Hoekstra, Kansas Wesleyan University

### **8:30 Sexual Orientation Is More than One Dimension: Erotic Target Identity Inversions in Perspective**

Kevin J. Hsu, Pennsylvania State University, Abington

Sexual orientation is conventionally understood as relative attraction to men versus women. I will present the most comprehensive and recent evidence that sexual orientation can extend to another dimension besides gender: relative attraction to other individuals versus the fantasy of being one of those individuals (an erotic target identity inversion).

### **9:00 The Dual Pathway Model of Respect in Romantic Relationships**

Gracynn Young, Oakland University; Virgil Zeigler-Hill, Oakland University

The present studies investigated the associations the *dual pathway model of respect* had with romantic commitment via general perceptions of respect, relationship satisfaction, investment, and quality of alternatives. The results revealed that inclusion-based respect had significantly stronger associations with romantic commitment compared to the status-based respect associations.

### **9:15 The Relationship between Sexual Nostalgia and Sexual Satisfaction**

Julia Record, University of Minnesota Duluth; Ashley Thompson, University of Minnesota Duluth; Rachel Miller, University of Minnesota Duluth;

Harrison Bjorback, University of Minnesota Duluth

The current research was comprised of two studies designed to develop the Sexual Nostalgia Inventory and assess the relationship between sexual nostalgia and sexual satisfaction. Overall, more frequent nostalgizing was



correlated with greater sexual satisfaction, especially for those high in attachment anxiety and avoidance.

### **9:30 Motivations for Endogamous Relationships**

Samuel Motzny, Oakland University; Adam Tratner, Florida State University; Melissa McDonald, Oakland University

Across three studies, a 7-factor set (65 items) of motivations for endogamous mating preferences was developed to examine if explicit motivations for endogamous mating practices are associated with actual endogamous dating behavior. Findings support the idea that endogamous mating preferences are driven more by prejudiced concerns than the socially acceptable motivations.

### **9:45 The Association between Over-Romanticized Kissing Expectations and Kissing Enjoyment**

Madeleine Hill, University of Minnesota Duluth; Ashley Thompson, University of Minnesota Duluth

This study examined the association between idealized kissing beliefs and kissing enjoyment. The results indicated that those who endorsed idealized kissing beliefs to a greater extent reported more kissing enjoyment than those who endorsed these beliefs to a lesser extent.

### **10:00 The Effects of Agreeableness on Well-Being and Relationship Satisfaction**

Jenna Kilian, Kent State University; Judith Gere, Kent State University

Data from 85 cohabitating USA couples showed that agreeableness predicted goal congruence and appreciation of one's partner. Goal congruence predicted relationship satisfaction, but did not predict meaning in life or life satisfaction. Appreciation of one's partner predicted relationship satisfaction, meaning in life, and life satisfaction marginally.

## **Service Provider Concerns**

Sat 8:30AM - 10:20AM

Salon 01

Moderator: Dinah Meyer, Muskingum University

### **8:30 Should Therapists Disclose Their Own Personal Psychological Issues to Their Clients?**

Andrew Pomerantz, Southern Illinois University Edwardsville

When a therapist has personally experienced the same psychological problem as their client, they face many important questions: Should they tell the

client? Does it matter how specifically similar the problems are? How long ago the therapist's problem occurred? How extensive the therapist's disclosure is? This talk will offer empirical and theoretical answers and opportunity for discussion.

### **9:00 Therapist Feelings and Self-Efficacy: Responding to Simulated Client Clips**

Eva Antebi-Lerman, Ohio University; Timothy Anderson, Ohio University; Katie Aafjes-van Doorn, Yeshiva University; Tao Lin, Ohio University  
Understanding one's own feelings can help therapists use their emotional reactions constructively when working with clients. We examined the relationship between therapist feelings and self-efficacy in a tele-therapy framework. Pilot study results showed that therapist feelings of inadequacy predict self-efficacy when considering interventions linked to working with a client's feelings.

### **9:15 Outcomes of reflective practice for helping professionals**

Pamela Jordan, University of Nebraska Lincoln; Kelli Hauptman, Center on Children, Families, and the Law at University of Nebraska Lincoln; Jamie Bahm, Center on Children, Families, and the Law at University of Nebraska Lincoln; Qingyu Jiang, Center on Children, Families, and the Law at University of Nebraska Lincoln

Evaluation findings from two forms of reflective practice with helping professionals demonstrate potential for reducing burnout. Online surveys with trainees (N = 841) and consultation group participants (N = 134) reveal the challenge of self-reported measures of reflective ability and increases in self-compassion and emotional regulation.

### **9:30 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 two years. We consider social, professional, psychological, and physical factors for insight into ongoing effects and future outbreaks.

**9:45 Investigating Differences in CMPCs' Stress when Grouped by Services Provided**

Anthony Magdaleno, University of Wisconsin-Milwaukee; Barbara B Meyer, University of Wisconsin - Milwaukee

The purpose of the current study was to investigate differences in the perceived stress of Certified Mental Performance Consultants (CMPCs) when grouped by services provided (i.e., mental performance services, clinical mental health services). Conclusions and implications for professional practice, and directions for future research will be discussed.

**10:00 Stress, Coping Practices and their Impact on Child Welfare Workers**

Shannon Doyle, Southern Illinois University Carbondale; Mary Louise Cashel, Southern Illinois University; Ashley Harrison, Southern Illinois University Carbondale; Robin LaSota, University of Illinois at Urbana-Champaign School of Social Work

This study evaluated stress, coping and self-care in Midwest child welfare workers. Stress was significantly and positively related to maladaptive forms of coping, but negatively related to trauma-informed self-care practices. Trauma-informed self-care was related to longer employment in child welfare. Implications of these findings are discussed.

**Social Perception**

Sat 9:00AM - 10:20AM

Salon 06/07

Moderator: Brad Okdie, The Ohio State University

**9:00 Measuring mental health service preferences amongst [STATE] dairy producers**

Michael Barrowclough, Illinois State University

Importance of mental health within the agricultural community is growing, especially amongst dairy farmers. The goal of this study is to gain insight into the preferred services for mental health assistance amongst [STATE] dairy producers. Findings from this study have the potential to assist policy makers and benefit agricultural producers.

**9:15 The Effects of Facial Resemblance on Perceived Innovativeness**

Ya-Hui Chang, University at Buffalo; Fan Liu, Adelphi University; Ahreum Maeng, The University of Kansas; Ze Wang, University of Central Florida  
Groups with high facial resemblance were found to lead people judge them with high intention to cooperate and function effectively. We examined the

effect of facial resemblance from another central angle -innovation, finding that low facial resemblances increased judgments of innovation, and this is amplified when the team is innovation-driven.

**9:30 Anticipating (Dis)agreement: Distinct Effects of Needs to Learn versus Express**

Rylan Deer, Ball State University; Andrew Luttrell, Ball State University  
Three experiments tested the unique roles of motivations to express one's opinions versus to learn others' opinions in people's evaluations of potential conversation partners with whom they agreed or disagreed on a controversial issue. Results support divergent effects of each motivation on interpersonal impressions and desire to engage in conversation.

**9:45 Considering Approach and Avoidance in the Study of Personal Values**

Nicholas Khaligh, The Ohio State University; Duane T. Wegener, The Ohio State University

Curtis Haugtvedt, The Ohio State University  
A longstanding tradition in the study of personal values has been to conceptualize and measure values through reference to the approach of some positive, abstract end-state. Our work shows that value measures reframed in terms of avoidance diverge from the traditional measures and better correspond with certain types of behaviors.



**Symposium**

**Status Quo Maintaining Consequences of Waxing Nostalgic**

Sat 8:30AM - 10:20AM

Salon 05/08

Psychological research largely finds waxing nostalgic to have a palliative function; nostalgia attenuates sadness and loneliness and increases feelings of belonging and meaning (see Routledge, 2015). However, recent research has revealed a darker side of nostalgia in that longing for the past can lead to attitudes and behaviors that maintain the status quo. In this symposium, three talks examine the conditions under which waxing nostalgic has status quo maintaining effects across various contexts. First, two studies find that national nostalgia – longing for a country's past – increased ideological and

violent radicalization when individuals were presented with information that Latino immigrants are changing demographics in the United States. Second, three studies examined another type of nostalgia – racial nostalgia, or the longing for a time before majority/minority demographic changes. Results show that both self-reported and manipulated racial nostalgia led to increased xenophobia and White nationalism. Finally, two experiments and a field study examine the consequences of waxing nostalgic following two types of social identity threat (threat to self and threat to group). Overall, this symposium showcases various conditions under which nostalgia, a seemingly positive emotion, may lead to the derogation of outgroups and the maintenance of the existing status quo.

### **National Nostalgia and Demographic Change as Predictors of Violent Radicalization**

ANGEL ARMENTA, University of Kentucky

### **Racial Nostalgia and the Perpetuation of Racial Extremism**

CHRISTINE REYNA, DePaul University, KARA HARRIS, DePaul University, ANDREA BELLOVARY, DePaul University, ANGEL ARMENTA, University of Kentucky, MICHAEL ZARATE, University of Texas El Paso

### **Consequences of Waxing Nostalgic Following Social Identity Threats**

NATHANIEL SCHERMERHORN, The Pennsylvania State University, THERESA VESCIO, The Pennsylvania State University

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## Social Psychology Posters I

Sat 8:30AM - 10:20AM

Exhibit Hall

### **1 Changing Vaccine Hesitant Attitudes of Parents Using Moral Persuasion**

Max Vitro, Loyola University of Chicago; Jeffrey Huntsinger, Loyola University Chicago

Evidence-based messaging hasn't persuaded enough people to get vaccinated against Covid-19. Research suggests attitudes are resistant to change when formed along moral lines. One approach to persuasion is reframing a message around those moral beliefs. Results show moral reframing to be effective in changing vaccine-hesitant attitudes among undergraduate students.

### **2 Induced Mindfulness Reduces Discomfort Following, Increases Contentment Preceding, Forced Compliance**

Lloyd Reynolds Sloan, Howard University; Imer Arnautovic, Howard University

Participants wrote high (vs. low) counterattitudinal arguments before (after) mindful (vs. mindwandering) inductions and reported their affect. Compared to mind-wandering controls, mindful participants reported reduced high-choice discomfort when the induction followed writing but increased contentment when the manipulations were reversed, suggesting possible cognitive and affective interpretations.

### **3 Rationalizing a Political Leader's Inconsistent Attitudes and Behavior**

Kevin Kennedy, University of Wisconsin-Madison

We examined how a political leader's counter-normative behavior affects recall and rationalizations of the leader's past (normative) attitude.

Participants ( $N = 157$ ) imagined a political candidate give a counter-normative speech. Observers falsely recalled the candidate's prior attitude as consistent with the speech, particularly when the speech was freely given.

### **4 Superiority as an Attitude Attribute: When Inferior Opinions Offend**

Kevin Blankenship, Iowa State University; Jack Standefer, Iowa State University

We examined whether perceptions of opinion superiority were related to feeling offended by an opposing opinion. Using FRACKing as an issue, we

found that opinion superiority was positively associated with feeling offended by an opposing position, beyond feelings of attitude correctness and attitude clarity.

### **5 Do changing demographics lead to broadened diversity initiatives?**

Casey McMahon, Purdue University; Teri Kirby, Purdue University

This work explores how threat may be one reason that there has been a shift in diversity rhetoric to include groups that are not historically marginalized groups (e.g., race and gender), such that majority group members do not feel excluded.

### **6 Minority Common Group Perceptions and Multiculturalism**

Mitchell Lorenz, Upper Iowa University; Kaitlyn MacCharles, University of Mississippi

A "future White majority" in the United States presumes a single "non-White" group. Two studies evaluated the degree to which Latinx participants perceived similarity with other minority groups as a result of common group vs. color blind prompts after being presented materials supporting a multicultural or assimilationist worldview.

### **7 Racial Microaggressions Differences Between Black PWI and HBCU College Students**

Kierra Peterson, Illinois State University

Microaggressions are common hostile, derogatory, or negative racial slights toward People of Color. We examined experiences of racial microaggressions for Black college students at PWIs compared to those of Black students at HBCUs. We used survey methods to examine relationships between variables and how racial centrality impacts exposure to microaggressions.

### **8 The 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 benefits following their actions of speaking up.

### **9 Temporal Stability of Implicit Evaluations: an Experience Sampling Paradigm**

Chengcheng Wang, The Ohio State University; Jeremy Cone, Williams College

We explored the patterns in the stability of implicit evaluations of various targets, as well as the factors that affect this stability. Across two studies, we found mixed evidence on whether implicit evaluations are more stable than explicit evaluations and the effects of situational factors on these evaluations.

### **10 Gender Disparities in Household Labor During the COVID-19 Pandemic**

Meghan Bennett, Marquette University; Debra Oswald, Marquette University; Astrida Kaugars, Marquette University

We examined the relationship between gender disparities in household labor during Covid-19 and well-being among U.S. adults. Results indicate that both men and women report greater increases in home labor for women. Such increases are related to greater work-life conflict and parental role overload for women, but not for men.

### **11 Upward and Downward Social Comparison When Listening to Sad Music**

John Britton, Indiana State University; Thomas Johnson, Indiana State University; Ariel Gelfand, Indiana State University; Bryanna Wynn, Indiana State University; Kaitlyn Shideler, Indiana State University; Emily Horan, Indiana State University; Paige Bedore, Indiana State University

This study examined the types and frequency of social comparison during sad music listening. Forty-one college students participated in a structured interview containing questions regarding sad music listening. Most participants engaging in downward or upward social comparison reported a preference for downward comparison with mixed cognitive and emotional effects.

### **12 Exploring types of Harassment & its Effects**

Cagla Unalan, University of Kansas; Kirstie Camp, University of Kansas; Anna Pope, University of Kansas; Rachel Fisher, University of Kansas

The customer variation of harassment is frequently referred to as Customer Sexual Harassment (CSH). This type of harassment has received very little attention from psychologists, leaving many concerns unresolved. Results among stylists show that gender and team status are anticipated to attenuate the association between harassment and intentions to quit and exhaustion.

### **13 A March Towards Belonging: Fandom and the Need to Belong**

Tyler Robinson, Murray State University; Xavier Brown, Murray State University; Morgan Macke, Murray State University; Jordan Pearsall, Murray



State University; Daniel Wann, Murray State University

Past research purports sport fandom as a means of meeting the needs for belonging, distinctiveness, structure, and meaning. The current study seeks to investigate if the same pattern applies to competitive marching fandom. Results suggest that being a general fan of competitive marching helps meet the four psychological needs.

#### **14 The Effect of Neighborhood Factors on Future Expectations of Physical Pain**

Armaan Amiri, University of Michigan - Ann Arbor; Caroline Zubieta, University of Michigan Medical School; Matthew Ajayi, Michigan State University College of Osteopathic Medicine; Jennifer Pierce, University of Michigan; Sana Shaikh, University of Michigan; Zhu Guohao, University of Michigan

#### **15 Anti-Atheist Prejudice is Predicted by Perceived (Lack) of Certainty**

Zachary Roth, University of Maine at Augusta

Atheists are the targets of high levels of prejudice and are often stereotyped in ways that insinuate their beliefs are those of convenience rather than conviction. Exploratory data shows that religious fundamentalists perceive atheists as having unclear attitudes. This perception predicts prejudice towards atheists.

#### **16 Sexual Minority Stress and Parental Burnout in LGBTQ+ Parents**

Joycelyn VanAntwerp, Ball State University; Katie Lawson, Ball State University

Among 98 LGBTQ+ parents, this study found that perceived stigma (how individuals think others perceive their minority status) predicted higher levels of parental burnout (exhaustion with parental role). In addition, for individuals low in social support, internalized homonegativity (negative feelings towards oneself about minority status) predicted higher parental burnout.

#### **17 A Novel Identity-Based Account of Anti-Atheist Prejudice**

Joshua Lambert, University of Alabama; William Hart, University of Alabama; Charlotte Kinrade, University of Alabama

We proposed that anti-atheist prejudice may serve as a means of signaling religious identity. Self-identified Christians with high (vs. low) Christian-identity commitment reported greater agreement with anti-atheist attitudes when they were provided with fake normative information suggesting highly religious Christians also typically reported greater (vs. less) agreement.

## **18 Sound and Fury; Linguistic Analysis of Microaggression and Aggression Tweets**

Caelie McRobert, Ball State University; Allison Sederlund, Ball State University; Yasmine Griffin, Ball State University; Emily Cronk, Ball State University; Rishi Sarin, Ball State University; Rebecca Wood, Ball State University; Carson Brooks, Ball State University; Eshmehar Sahni, Ball State University; Thomas Holtgraves, Ball State University

Reactions to microaggressions are under-researched. Analyzing tweets using LIWC22 showed that reactions to microaggressions and bias-based aggression are similar in tone, emotion, and analytic words. Analyses showed that reactions to sexist microaggressions are lower in tone and higher in work, moral, and power words than racist, homophobic, and transphobic microaggressions.

## **19 The Role of Sexism on Women's Career Aspirations and Self-Doubt**

Mary Tait, Marquette University; Debra Oswald, Marquette University  
Sexism affects various aspects of women's lives. 218 women were examined to evaluate the effects of sexist experiences on self-doubt and career aspirations within feminine and masculine majors. Heterosexual intimacy as associated with reduced self-doubt across major and increased career aspirations in feminine majors. Results are discussed for practical implications.

## **20 Attitudes towards Gender-Inclusive Restrooms after Restroom Implementation**

Jacob Randall, University of Kansas; Anna Pope, University of Kansas; Hannah Grey, University of Kansas; Ryan Crossland, University of Kansas  
This study explores attitudes towards gender-inclusive restrooms on a college campus after implementation. Data suggests that few students avoid inclusive restrooms and are comfortable and feel safe in inclusive restrooms even when aware they had been implemented. Ideal inclusive restrooms and correlations with Right-wing authoritarianism and gender essentialism are discussed.

## **21 Assessing a Workshop Series' Impact on Students' Attitudes about Racism**

Lourdes Concepción Cabán, Illinois State University; Gregory Braswell, Illinois State University; Suejung Han, Illinois State University  
Racial conflicts have plagued the United States from its very beginnings, specifically racial prejudice. Thus, a series of panel discussions were designed, targeting undergraduates at various stages with attitudes and behaviors towards racism/antiracism. We hypothesize that students will be

more respectful of various cultures, contributing to creating a more welcoming environment on campus.

## **22 Does Common Humanity, Life Satisfaction, and Social Trust Reduce Prejudice?**

Tenzin Nyima, University of Northern Iowa; Yuan Ling Looi, University of Northern Iowa; Rishika Sheetal Singh, University of Northern Iowa; Alexandra Hoefler, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

We explored possible positive orientations that might relate to less prejudice toward outgroups. College students who were higher in common humanity and life satisfaction reported less prejudice toward ethnic and immigrant outgroups, but greater anticipated interpersonal anxiety when interacting with them.

## **23 Effects of Media on People's Attitudes Towards Immigrants**

Rishika Sheetal Singh, University of Northern Iowa; Alexandra Hoefler, University of Northern Iowa; Yuan Ling Looi, University of Northern Iowa; Tenzin Nyima, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

We did not find differences in social dominance orientation or perceived threat or negative stereotypes about Chinese or Mexican immigrants among FOX News and CNN viewing college students, although CNN viewers rated themselves as more knowledgeable about the news and world events.

## **24 The Effects of Meditation on Implicit and Explicit Bias**

Anna Pope, University of Kansas; Kelly Bailey, The University of Kansas; Hannah Grey, University of Kansas; Ryan Crossland, University of Kansas  
Both loving-kindness and mindfulness meditation have been shown to reduce implicit prejudice. This study compares loving-kindness and mindfulness meditation in their ability to reduce implicit and explicit prejudice towards Blacks and gay men and lesbians. Implications about how meditation helps most with specific types and targets of bias are discussed.

## **25 Black Women, vs. Men, Endorse White Bias Metastereotype Mediated Colorism**

Lloyd Reynolds Sloan, Howard University; Adea Kelly, Howard University  
Black participants evaluated traits and affect toward attractive/average, light/dark skin-toned Black/White stimuli. Dark versus lighter skin-tone stimuli, and Black women more than men, elicited more positive affect/trait perceptions, especially from women. Colorism, paralleling ethnic preferences,

was mediated by metastereotypes of Whites' skin-tone biases while intra-ethnic sexism was not.

## **26 Emergent Ingroup Members: A Descriptive Analysis of Social Groups**

Mark Ferguson, University of Wisconsin-Stevens Point; Allison Waite, University of Wisconsin-Stevens Point; Zachary Mikkelson, University of Wisconsin-Stevens Point

Three studies examined whether perceived stability and change in society's emotions toward 245 social groups support the Emergent Ingroup Model (Ferguson et al., 2019). Across studies, we found that emergent ingroups included prejudice targets studied in social psychology, as well as eco-friendly groups studied in environmental psychology.

## **27 Religious Holiday Messaging and Feelings of Exclusion**

Jason Folmsbee, Miami University; Heather M. Claypool, Miami University

We examined the impact of holiday-themed messaging on belonging.

Participants encountered a gift proclaiming "Merry Christmas" or "Happy Holidays." Religious, non-Christian participants reported lower belonging, control, self-esteem, and meaning when presented with "Merry Christmas." This work preliminary suggests that holiday messaging can negatively impact people whose religions mismatch those messages.

## **28 "You're Leaving Us?" Feeling Ostracized When a Group Member Leaves**

Jamie Theis, The Ohio State University at Newark; Andrew Hales, University of Virginia; Jim Wirth, The Ohio State University at Newark

Do individuals feel ostracized (excluded and ignored) when a group member leaves? We found having at least one social connection with a group member may protect overall well-being (e.g., need satisfaction), but the group member who left caused feelings of ostracism compared to the group member who stayed.

## **29 Predictors of Social Distance Toward Individuals with Intellectual Disability**

Nataliya Turchmanovych-Hienkel, Illinois Institute of Technology; Charlotte Jackson, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology

The public exhibits substantial social distance toward individuals with ID. But social distance is lower among individuals with familiarity with those with ID, among those more comfortable with individuals with ID, and among

those with lower stigma toward these individuals. Findings suggest importance for mitigating social distance with this group.

### **30 Nostalgia as Intervention for Ostracism's Effects on Meaning and Anger**

Rachel Taggart, Purdue University; Sophie Kjærviik, The Ohio State University; Brad Bushman, The Ohio State University; Tim Wildschut, University of Southampton; Constantine Sedikides, University of Southampton

Ostracism increases meaninglessness and anger. This study examined whether nostalgia could buffer these negative effects. Participants were excluded or included through Cyberball and completed state measures of nostalgia, meaning, and anger. Exclusion increased anger compared to inclusion. Future research should examine ways to buffer the effect of ostracism on anger.

### **31 The Role of Punishment Deservingness and Reporting on Victim Evaluations**

Hailey Hatch, Saint Louis University; Ruth Warner, Saint Louis University

The current study found that participants evaluated a sexual harassment victim more positively and perceived the outcome of the situation as more just when participants believed an alleged harasser deserved punishment and the victim reported the incident compared to when the victim did not report.

### **32 Perceptions of Criminal Offender Punishment**

Abigail Spilde, Edgewood College

In this online experiment, participants will read hypothetical criminal scenarios that vary based on type of crime (violent, nonviolent, negligent, and indirect) and individual factors (developmental factors and choice behaviors). We anticipate scenarios involving developmental factors will lead to less harsh judgment of deserved punishment for violent and negligent crimes.

### **33 Predictors of African Americans' Colorectal Cancer Screening Modality Preferences**

Heba Afaneh, Oakland University; Mark Manning, Oakland University; Hayley Thompson, Wayne State University; Todd Lucas, Michigan State University; Louis Penner, Wayne State University Emeritus

Individuals whose colorectal cancer (CRC) screening behaviors are consistent with their screening preferences are more likely to be screened. We examined main effects and interactions in the associations between African Americans'

age, group-based medical mistrust, and various operationalizations of racial identity with CRC screening modality preferences.

### **34 Empathy, Cultural Values, and Big Five Personality in Mainland China**

Yuqin Li, Centre College; Jennifer Goetz, Centre College

While research has shown that empathy is a universal human experience, we know surprisingly little about it in non-Western cultures. The current research examined the relationship between collectivistic self-construal, personality, and empathy within a collectivist society, aiming to fill this gap.

### **35 Psychological effects of brief loving-kindness meditation and progressive muscle relaxation**

Heather Mangelsdorf, Elmhurst University; Teddy Schupack, Northern Illinois University

Our study investigated the effects of progressive muscle relaxation and loving-kindness meditation on psychological states and prosocial behaviors. Both styles of meditation improved attention, mood, and relaxation. While there were no differences between meditation styles on prosocial behaviors, participants with prior meditation experience displayed greater helping behavior and empathy.

### **36 Perceiving High Social Mobility Promotes Prosociality via Humanness**

Lipeng Yin, The University of Hong Kong; Zhansheng Chen, The University of Hong Kong

This research examined whether and how high perceived social mobility would promote prosociality. Four studies, including one archive data (World Value Survey), two correlational studies, and one experimental study, provided convergent evidence that high perceived social mobility (PSM) would lead to more prosociality via higher perceived others' humanness.

### **37 The effect of stimuli valence on prosocial memory**

Pauline Urban Levy, University of Illinois at Chicago; Andrea Frankenstein, University of Illinois at Chicago; Allison Sklenar, University of Illinois at Chicago; Eric Leshikar, University of Illinois at Chicago

Prosocial behaviors serve an important function in our everyday social interactions. The current study examines the effect of behavior valence (positive, neutral) on memory for prosocial and non-prosocial behaviors and expands on prior findings of a memory advantage for prosocial behaviors.

### **38 Spending Money on Strong Ties Promotes Happiness: A High-Powered Replication**

Robert Zita, Elmhurst University; Elizabeth Schweitzer, Elmhurst University; Hope Brown, Elmhurst University; Brian Le, Elmhurst University; Paulson Jaimy, Elmhurst University; Bright Osazuwa, Elmhurst University; Jessica Sim, Elmhurst University; Elizabeth Majka, Elmhurst University

This study represents the first high-powered, pre-registered study supporting the hypothesis that spending on strong social ties promotes greater happiness than spending on weak social ties. These results replicate Aknin et al. (2011) and make an important contribution to the prosocial spending literature.

### **39 Survivors as Objects: How Media Coverage of Sexual Assault Impacts Perception of Sexual Assault**

Darla Bonagura, University of Tennessee, Knoxville; Jenae Bluhm, University of Tennessee, Knoxville; Sarah Ariel Lamer, University of Tennessee, Knoxville

We hypothesized that how media frame sexual assault transmits beliefs about how responsible perpetrators are. Across 477 articles, liberal (vs. conservative) news sources framed perpetrators less agentically. Exposure to sentences where survivors (vs. perpetrators) were agentic led men to say that perpetrators were less responsible and less deserving of punishment.

### **40 VR exposure and depersonalization: Evidence from a longitudinal sample**

Chasity Foster, Iowa State University; James Sanford, Iowa State University; Andreas Miles-Novelo, Iowa State University; Craig Anderson, Iowa State University

This study compares feelings of depersonalization from participants who completed a 2-3-week training study in different mediums. Participants were randomly assigned to train in one sports skill (shooting or putting) in one of three mediums (virtual reality, a traditional gaming setup, or in real-life).

### **41 TikTok! Time to Help: Social Media Videos and Prosocial Behavior**

Hillary Wehe, Upper Iowa University; Mitchell Lorenz, Upper Iowa University; Callista Rochon-Baker, Upper Iowa University

This study explores a potential causal relationship between valenced content from a popular social-media site and (1) prosocial behavior and (2) intentions to volunteer in future opportunities. It is hypothesized that viewing prosocial content will increase participants' immediate volunteer behavior and increase future volunteer intentions.

#### **42 Examining the Issue: Comparing Authentic and Assigned Minority Influence**

Leah Stampfer, Grand Valley State University; Emma Walquist, Grand Valley State University; Ryan Iacovone, Grand Valley State University; Emily Murray, Grand Valley State University; Samantha Walquist, Grand Valley State University; GraceAna Hoorn, 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 of dissent to those who were assigned to argue their minority position. Participants' divergent thinking and perceptions of the source of minority dissent varied across conditions.

#### **43 Perceptions of Americanness Influence Judgments of Politicians of Color**

Patrizia Chirco, Central Washington University & University of Bern; Tonya Buchanan, Central Washington University; Homa Sheibani, Central Washington University

When it comes to politicians of color, white voters prefer an African American over a Mexican American political candidate. We find evidence that this preference is partially driven by the perception of foreignness in that the Mexican American candidate is seen as less American. Implications for equitable representation are discussed.

#### **44 Racial Microaggressions Enacted Against Latine Students and Their Academic Success**

Lisette Munoz, Illinois State University; Brea Banks, Illinois State University  
Microaggressions negatively affect minoritized people. We sampled Latine college students at a predominantly white institution to learn about the relation between racial microaggressions, affect, and academic success. Exposure to racial microaggressions significantly predicted participants' reports of concentration and negative affect. We will discuss findings and implications.

#### **45 Can we trust IDEA messaging?: Evaluation of an academic intervention**

Travis Hicks, Illinois State University; Jordan Arellanes, Illinois State University; Eric Wesselmann, Illinois State University  
Rotenberg's BDT framework of interpersonal trust is grounded in three bases: honesty, emotional trust, and reliability. We utilized BDT by examining students' experiences within IDEA classes. Thematic analysis describes how



students cite honesty, emotional trust, and reliability as reasons they trust or fail to trust university administration and faculty.

#### **46 Coming Out for HMoob LGBTQ+**

Vang Xiong, University of Wisconsin - La Crosse; Jason Sumontha, University of Wisconsin La Crosse

HMoob LGBTQ+ youth may struggle to navigate their multiple marginalized identities. The existing research about HMoob LGBTQ+ people focuses on how to support individuals and reasons HMoob LGBTQ+ find it hard to come out. The current study dives into HMoob LGBTQ+ youth: when, who and why they come out.

#### **47 The Effects of Oppression and Acculturation on Black Adults**

Stephanie Morrow, Washburn University

Results from a Structural Equation Modeling analysis identified how variables of cultural mistrust, perceived oppression, and acculturation influence attitudes toward mental health help seeking among Black Americans. Implications for development of programs to improve access to mental health services are discussed.

#### **48 Race moderates suicide attempts in sexual minority adults**

Maria Hernandez, Western Kentucky University; Amy Brausch, Western Kentucky University

This study hypothesized that Black, Latinx, and Multiethnic people would have higher rates of suicide attempts than White people, due to lower levels of social wellbeing and identity centrality. The results indicated that the link between social wellbeing, identity centrality and suicide attempts depended on the individual's race.

#### **49 Disclosing Experiences with Microaggressions Negatively Affect Observers' Attitudes**

Linh Littleford, Ball State University; Alexcia Kilgore, Ball State University; Marcy Beutlich, Ball State University; Michael Moses, Ball State University; Haley Perez-Arche, Ball State University

Becoming more aware of Black targets' experiences with race-related (vs. non-race-related) interpersonal slights and of targets' interpretations of interpersonal slights caused White observers to view those slights more positively and to rate the targets more negatively. Observers' ethnocultural empathy and perceptions of acceptability of verbalizing racial microaggressions were unchanged.

### **50 Chinese Americans' Lived Experiences of Discrimination and Coping During COVID-19**

Hui Zhang, University of Indianapolis; Samantha Gibbard, University of Indianapolis; Joshua Dacanay, University of Indianapolis; Charles Matthew Stapleton, University of Indianapolis

This study used the Interpretative Phenomenological Approach to understand 15 Chinese Americans' lived experiences of racial discrimination during the COVID-19 pandemic. Two themes identified were discrimination through vicarious or personal experience and anxiety of experiencing a hate crime. Two coping strategies (social support and personal reflection) repeatedly emerged from their stories.

### **51 Discriminating Discrimination: An Examination of the Everyday Discrimination Scale**

Raul Espana, Northwestern University; Allison Shields, Northwestern University; Cheyenne Bates, Northwestern University; Avanté Smack, George Washington University; Jennifer Tackett, Northwestern University  
We examined the measurement invariance of the Everyday Discrimination Scale (EDS) and the associations between discrimination and psychopathology controlling for personality traits, a well-established predictor of psychopathology, in youth. Findings will determine whether the EDS accurately measures discrimination across diverse youth and whether discrimination is associated with psychopathology beyond traits.

### **52 Family obligation among Latinx youth: Gender and family composition differences**

Elizabeth Martinez-Charleston, DePaul University; Antonio Polo, DePaul University

Family composition and gender have been associated with developmental outcomes among Latinx youth. Therefore, it is vital to identify protective factors, such as family obligation, that can support positive development among Latinx youth. Family composition and gender were found to influence endorsement of family obligation.

### **53 Viewing Violence: Exposure to Indirect Race-related Discrimination Online**

Anthony Morales, Indiana University

Little is known when race-related discrimination is experienced indirectly online. We examined the immediate effects of viewing indirect discrimination online in racial/ethnic minority adults. Exposure to race-related

discrimination videos online may negatively affect Black and Latino adults at comparable levels. The role of racial identity is further discussed.

#### **54 How Race Emerges in Lay Understandings of Social Class**

Peter Leavitt, Indiana State University; Callista Kohl, Indiana State University; Andrew Sherrard, Indiana State University

Social class and race are deeply interconnected in the United States but the connection is often hard to analyze. This study examines ways that race emerges, directly and indirectly, when people are asked to explain what social class means to them and what social class looks like in different contexts.

#### **55 Victimization, Post-Traumatic Stress, and Depression: The Role of Ethnic Identity**

Mariana Bednarek, DePaul University; Ashley Harris, DePaul University; Antonio Polo, DePaul University

Peer victimization is a common experience for Latinx and Black youth. Both peer victimization and ethnic identity predicted more depressive symptoms and Post-Traumatic Stress problems, although ethnic identity did not moderate the relation between peer victimization and these two mental health outcomes. Implications for culturally competent interventions are discussed.

#### **56 Acculturative Stress among Black African Immigrants: Race versus Ethnicity Contributors**

Asmita Saha, Auburn University; Latifat Cabirou, Auburn University; Alexis Jones, Auburn University

This study aims to explore the mechanisms that underlie the association between racial and ethnic socialization and acculturative stress among Black African Immigrants. The findings of this study suggest that for Black, African immigrants, their African and immigrant cultural background is the most salient contributor to their psychological functioning.

#### **57 The Role of Compensatory Beliefs in Academic Procrastination**

Maxine Tancock, Queen's University

I hypothesized that compensatory thinking (i.e., indulging at one point, while believing that one will compensate at a later time) would predict procrastination behavior. My findings supported this relationship,  $r(108) = .25, p < .01$ . Cognitive dissonance and psychological “licensing” are discussed as potential mechanisms for this association.

### **58 Thinking About Conspiracies: How Different Thinking Styles Influence Conspiracy Beliefs**

Kaylie Williams, Oakland University; Natalie Safo, Oakland University; Kanako Taku, Oakland University

The study examined the relationship between thinking styles and conspiracy beliefs (CB). 355 participants were recruited to complete an online survey. A significant model predicting CB from thinking styles was found with the only significant predictor being liberal thinking. This research has implications for reducing belief in misinformation.

### **59 Joking Down vs. Joking Up: Humor Target's Evaluations of Jokers**

Jared Elijah Wilson, Northern Illinois University; Randy J. McCarthy, Northern Illinois University

While often misconstrued because of ambiguous intent, teasing is a pro-socially communicative and non-threatening form of affiliative humor (Keltner, 2001), while aggressive humor is domineering and abusive (Martin, 2003). Exploring how victims may differentially respond to the same targeted joke, we examine the effects of off-record markers and status differentials.

### **60 Boldness behavior in socially competent toddlers**

Ashley Dautrich, Miami University; Elizabeth Kiel, Miami University

This study investigates the relation between toddlers' social competence and their boldness in novel situations. Mother-toddler dyads (n=117) completed the Infant Toddler Social Emotional Assessment and participated in novel situation episodes of varying threat. No significant relations between social competence and boldness were found, although moderating factors were explored.

### **61 Nonverbal Behaviors as Information Samples: Learning a Group's Gender Bias**

Lindsay Goolsby, University of Denver; Max Weisbuch, University of Denver

The study (N = 300) examined if people use information sampling principles to infer group-level gender bias. Participants watched clips featuring nonverbal behavior toward gender-stereotypical and gender-counter-stereotypical targets, rating how much the characters would like gender-counter-stereotypical people. Participants utilized the larger, more reliable clip sub-sample to infer normative gender bias.

## **62 Self-perceived Expertise Influences Social Media Engagement**

Salma Moaz, Loyola University Chicago; Chad Osteen, Loyola University Chicago; Victor C. Ottati, Loyola University Chicago

The earned dogmatism effect describes the tendency to be less open-minded when encountering information from less expert others and more open-minded to those with more expertise than oneself. This study builds on that work by demonstrating that earned dogmatism predicts intentions to follow and share content on social media.

## **63 Affect and Outcome Expectations as Determinants of Academic Major Satisfaction**

Margaret Nauta, Illinois State University; Kathryn Skoog, Illinois State University; Audrey Strain, Illinois State University; Karolina Wierzbicka, Illinois State University

We tested hypotheses derived from Lent and Brown's (2013) Social-Cognitive Model of Career Self-Management about the associations of affect and outcome expectations with college students' academic major satisfaction. Affect and outcome expectations both relate to major satisfaction, but they have some redundancy, and year in school functions as a moderator.

## **64 Social Comparison Concerns and Competitive Attitudes of North Korean Refugees**

Ahlam Lee, Xavier University; Eun-A Park, University of California Riverside; HyunJung Jo, EUM Research Institute

With the establishment of partial scalar invariance in the association between social comparison concerns and competitive attitudes, MANOVA shows that, in comparison to South Koreans, North Korean refugees exhibit a significantly higher level of engaging in social comparisons and of competitive attitudes with a medium effect size.

## **65 We're Just Too Different: Outgroups Lead to Underestimated Conversational Effectiveness**

Mija Van Der Wege, Carleton College; Lauren Carothers-Liske, Carleton College; Samira Gado, Carleton College; Shaw Qin, Carleton College; Nisha Rao, Carleton College; Charlotte Zinda, Carleton College; Henry Edmonds, Carleton College; Amanda Lilienfeld, Carleton College

Just as people feel that they can communicate better with those in an in-group, they may feel that they can communicate worse with someone who is in an out-group, a difference communication bias. In this experiment, we test whether overlapping identities affect perceived common ground and expectations of communication effectiveness.

## **66 Self-Efficacy for Advocacy Scale: Development and Validation of Short-Form**

Tia Turner, Wayne State University; Sarah Clark, University of Dayton; Caroline Born, University of Dayton; Roger Reeb, University of Dayton  
The Self-Efficacy for Advocacy Scale is a 218-item validated instrument assessing one's confidence in engaging in advocacy for social causes and vulnerable groups. Study 1 developed a 15-item SEAS Short-Form via a hybrid strategy (empirical and rational approaches). Study 2 indicates convergent and discriminant validity for the SEAS Short-Form.



### **Professional Development Session:**

#### **NSF Grant Applications: Lessons from Program Officers and Principal Investigators**

Sat 9:00AM - 10:20AM

Salon 04

Allen McConnell, National Science Foundation; Claudia Gonzales Vallejo, Ohio University; Kurt Hugenberg, Indiana University; Robyn Wilson, Ohio State University

Two program directors (one current, one past) and two successful principal investigators will discuss their experiences with the National Science Foundation grant process. In addition to learning about how NSF is organized and handles submissions, the panel will answer audience questions to help demystify NSF and how grants are considered.

**MPA Invited Presidential Address**

**From “Always On” to “Optimally On” – Managing E-Work  
Communications for Better Employee Well-Being**

Larissa Barber  
San Diego State University

Sat 10:30AM - 12:00PM

Crystal

Moderator: Rebecca Foushée, Lindenwood University

Electronic work (e-work) communications that help us work anytime and anywhere can also leave us feeling exhausted from “always on” work availability expectations. This talk covers employee well-being implications of the felt pressure to respond quickly to work messages (telepressure) and strategies to promote “optimally on” availability expectations in organizations.

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## Empathy and Prosocial Behavior

Sat 10:30AM - 12:20PM

Salon 02

Moderator: Jennifer Goetz, Central College

### **10:30 Empathic Concern, Personal Distress, and Pro-Social Behavior**

William G. Graziano, Purdue University

Prosocial behaviors are defined as those that bring benefits to others. Many prosocial behaviors bring self-serving benefits to helpers as well as victims. One subset of prosocial activities is altruism, driven in part by preponderant motivation to benefit the victim. How are self- and other focused motives coordinated with situational influences?

### **11:00 Does Empathy Protect Against Burnout? Insights From A Meta-analysis**

Alison Jane Martingano, University of Wisconsin - Green Bay; Morgan Stosic, University of Maine; Sara Konrath, Indiana University & University of Notre Dame; Ja-Nae Duane, Bentley University

We conducted a systematic review and meta-analysis to determine the relationship between burnout and empathy. Included articles used the Maslach Burnout Inventory and any measure of empathy. We found that the nature and strength of this relationship depended on the type of empathy being measured.

### **11:15 Imagine All the People: Imaginary Interactions Influence State-Empathy**

Tyler Robinson, Murray State University; Xavier Brown, Murray State University; Jana Hackathorn, Murray State University

State-empathy refers to an ability to adopt another's perspective or feelings. The current study measured the influence of imaginary social interactions on state-empathy. Results indicated empathy is influenced by target valence (i.e., favorite, least favorite), but also that the same pattern occurs whether the target is real or fictional.

### **11:30 The Benefits of Prosocial Behavior: Helping Close Others vs. Strangers**

Qi Deng, Ohio University; Dominik Mischkowski, Ohio University

We found that the target of prosocial behavior (i.e., close other vs. stranger)



moderated the giver's psychological benefits. In a correlational dataset, prosocial behavior towards close others was associated more strongly with psychological well-being. In addition, acting less prosocially towards close others was associated with particularly reduced well-being.

### **11:45 Social Crowding Leads to Dehumanization**

Xinyu Pan, The University of Hong Kong; Zhansheng Chen, The University of Hong Kong

More and more people are moving cities and towns, along with it came the consequences of crowding. Our research aims to contribute to the literature by investigating how social crowding contributes to dehumanization. Though four studies, we found consistent evidence that social crowding leads to dehumanization via social avoidance.

### **12:00 How Goal Structures and Personality Predict Group Performance among Children**

Regina Henares, Purdue University; Renée Tobin, Temple University; W. Joel Schneider, Temple University; William G. Graziano, Purdue University  
This research addressed performance differences among children (aged 7-11) working in triads under cooperative versus competitive goal structures. We hypothesized better performance and more pro-communal behaviors when working under cooperative, compared to competitive, rules. Furthermore, we explored how individual and group levels of agreeableness among the children affected group outcomes.

## **Media Bias I**

Sat 10:30AM - 12:20PM

Salon 06/07

Moderator: Mija Van Der Wege, Carleton College

### **10:30 Media Representation (and Lack of) as Social Inclusion and Exclusion**

Zhi Quan Lim, Illinois State University; Travis Hicks, Illinois State University; Eric Wesselmann, Illinois State University; Jordan Arellanes, Illinois State University

We present two studies examining if media representation can be experienced similarly to interpersonal forms of social inclusion, and a lack of representation can be experienced similarly to social exclusion. Data provide preliminary evidence that media representation (and lack of) influence similar psychological outcomes as social inclusion and exclusion.

**10:45 Using Psychological Factors to Identify Global Counterfeit Supranational Segments**

Saleem Alhabash, Michigan State University; Patricia Huddleston, Michigan State University; Anastasia Kononova, Michigan State University; Moldir Moldagaliyeva, Michigan State University; Heijin Lee, Michigan State University; Kari Kammel, Michigan State University

Using a sample from 17 countries ( $N = 12,750$ ), the current study examines how three social psychological models of protection motivation theory, the theory of planned behavior, and the social norms approach can be used to identify supranational segments for counterfeit consumer behavior.

**11:00 Retractions, Knowledge Revision, and White Nationalist Beliefs**

Andrea O'Rear, Saint Mary's College; Susan Alexander, Saint Mary's College  
We compared the ability of the illusory truth effect and the KReC framework to affect beliefs in information used to support white nationalist ideology. Findings suggest that the efficacy of format used for knowledge correction may vary based on how strongly people believe in the original, incorrect information.

**11:15 Validated and Miserable: Selective exposure to emotionally negative targets**

James Hillman, Queen's University; Devin Fowlie, Queen's University; Tara MacDonald, Queen's University

We assessed whether selective exposure persists when consistent options are also emotionally upsetting, and what factors might motivate this preference. We found that when participants prefer consistent but negative news articles over inconsistent but positive news articles. This preference decreased mood and was predicted by individual and social factors.

**Health Stressors, Resilience & Challenge**

Sat 10:30AM - 12:20PM

Salon 10

Moderator: Kathy Sexton-Radek, Elmhurst University

**10:30 Strengths in a Jarring Time: Indicators of Character and Narrative Identity as Resilience Factors Before and During the COVID-19 Pandemic**

Jordan Booker, University of Missouri- Columbia

The COVID-19 pandemic has been a chronic disruption to lives and livelihood. Still, some people have shown initial resilience and/or greater recovery over time. This talk focuses on individual differences in character

and narrative identity as resilience factors for adolescents and emerging adults both before and during the pandemic.

### **11:00 Covid-19 Self-Isolation on Parent-Child Relationship**

Lily Xiao, DePaul University; Yan Li, DePaul University; Michelle Wright, DePaul University

During Covid-19, many individuals had to self-isolate, which may lead to negative psychological consequences and worsened familial relationships. Our findings suggest that increased self-isolation predicted increased parent-child conflict mediated by psychological distress, and decreased parent-child closeness.

### **11:15 National Lockdown Experiences of Married Couples Due to Covid 19**

Bakadzi Moeti, University of Botswana

Among the many areas that were affected by covid 19 national lockdown is the union of marriage. The current study sought to explore national lockdown experiences of married couples due to Covid 19 in Botswana. Twelve married couples took part in the study.

### **11:30 COVID-19 as a Test of Threat and Politics Theories**

Mark Brandt, Michigan State University; Shree Vallabha, Michigan State University; Antony Aron, Michigan State University; Felicity Turner-Zwinkels, Tilburg University

We estimate the causal effect of the pandemic's onset on 84 political attitudes and 8 perceived threats in large samples of Americans. Although people felt threatened, most attitudes did not change. This is inconsistent with established theories about threat and political attitudes.

### **11:45 Well Spouse of Chronically Ill Partner Voting Interest and Behavior**

Jessica Rohlffing Pryor, Northwestern University; Matt Pryor, University of Illinois at Urbana Champaign

Well spouses of chronically ill partners experience myriad quality of life challenges. We examine how this caregiver role may impact the fundamental right to participate in the political process. Study findings suggest advocacy for the needs of well spouses in a new domain of life, voting behavior.

### **12:00 The Social Identity Threat Concerns (SITC) Inventory**

Kathryn Kroeper, Sacred Heart University; Steven Spencer, The Ohio State University

The present research validates a new, easy-to-use self-report measure of social identity threat concerns: the SITC Inventory. Across 9 studies ( $N = 5,763$ )—including correlational and experimental methods, and between- and within-person designs—the new measure demonstrated high internal consistency reliability, and convergent, divergent, and predictive validity.

### **Emotion: Coping & Social Support**

Sat 10:30AM - 12:20PM

Salon 03

Moderator: Jill A. Jacobson, Queen's College

#### **10:30 Look for the Light: The Role of Joy, Hope, and Forgiveness for Black Undergraduate Women**

Meredith Hope, College of Wooster

Evidence shows that racism jeopardizes positive trajectories and outcomes for Black Americans. However, spiritual beliefs and practices may function protectively. This study presents findings from 21 semi-structured interviews with Black undergraduate women attending selective liberal arts colleges regarding how they understand joy, hope, and forgiveness within the context of racism.

#### **11:00 Dispositional Accommodative Coping Potential: Correlates and Relations to Well-Being**

Hongming Chen, Vanderbilt University; Craig Smith, Vanderbilt University

An analysis of survey data finds dispositional accommodative coping potential (DACP; the belief that one can adjust to a wide variety of stressful circumstances) strongly related to both resilience and subjective well-being, positively predicted by trait-mindfulness and self-efficacy/competence, and negatively predicted by maladaptive beliefs such as pessimism.

#### **11:15 Gratitude Letters to Nature: Effects on Self-Concept and Behavioral Intentions**

Tyler Jacobs, Swarthmore College; Allen McConnell, National Science Foundation

In two studies ( $N=447$ ), writing a gratitude letter to nature, compared to a human-built place or control task, led to more pro-environmental behavioral intentions. These effects were mediated by greater nature inclusion and nature size. Study 2 found that effects on intentions were only significant for participants holding biospheric values.

### **11:30 National Satisfaction and Subjective Well-Being: An International Investigation**

Mike Morrison, King's University College at the University of Western Ontario; Dominica Chorostecki, University of Western Ontario

The present research explored predictors satisfaction with one's country within a diverse, worldwide sample. Being higher in extraversion, being married, and less open to experience were predictive of national satisfaction, while horizontal collectivism was a stronger predictor in non-Western (compared to Western) countries. Additional patterns, research directions and implications are discussed.

### **11:45 Linking depression and daily-life affects via reassurance and social support**

Cheyenne Smith, Cleveland State University; Emma Church, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

The present study examined the mediating roles of excessive reassurance seeking and perceived social support between depression symptom severity and depressive affects in daily life ascertained through naturalistic observation (electronic activated recording, EAR) and ecological momentary assessment methodologies (EMA) among adults with various depression histories. Clinical implications will be discussed.

## **Work Settings & Psychology**

Sat 10:30AM - 12:30PM

Salon 05/08

Moderator: Christopher Redker, Ferris State University

### **10:30 Race, Leadership Style, and Female Leaders' Perceived Competence and Likability**

Aradhna Mohan, Southern Illinois University Carbondale; Meera Komarraju, Southern Illinois University, Carbondale; Steven J. Karau, Southern Illinois University Carbondale; Randall S. Davis, Southern Illinois University Carbondale

Perceived competence and likability of female leaders was evaluated using a 3 (races: White/African American/Asian Indian) X 3 (leadership styles: agentic/communal/combo) MANOVA. Results indicated a significant difference due to leadership styles but not race. The communal female leader

was rated highest, and the agentic leader lowest, on competence and likability.

### **10:45 Perceptions of Physicians' Smartphone Use during In-Person Patient Care**

Amanda Egan, Marian Univesrity

Two studies investigated whether physician smartphone use during patient care results in more negative evaluations. By experimentally manipulating physician phone use during patient care, we find that physicians are only evaluated negatively if the reason for use is ambiguous.

### **11:00 The Experience of Faculty with Disabilities in Rehabilitation Counseling**

Julia Pawlowski, Marquette University; LeeZa Ong, Marquette University

The purpose of this study is to explore the experience of faculty members in rehabilitation psychology with a diagnosed disability. Through a qualitative research design, this project examines individuals' unique experiences, particularly their barriers and strategies to success in academia.

### **11:15 Retaining STEM women faculty: The role of family-supportive supervisor behaviors**

Katie Lawson, Ball State University; Soomi Lee, University of South Florida; Claire Smith, University of South Florida; Kelsey Thiem, Ball State University

Among 379 U.S. computer science faculty, this study found women reported higher levels of work-to-life conflict (WLC) during the pandemic compared to men. WLC predicted poorer retention-related job outcomes (e.g., lower job commitment). Finally, for women only, family-supportive supervisor behaviors predicted lower WLC and ultimately better retention-related job outcomes.

### **11:45 Pathways to Burnout When Working from Home**

Steven Stanton, Oakland University; Hanna Kalmanovich-Cohen, Oakland University

Does work from home (WFH) lead to burnout? Two studies using converging methods suggest that the answer is yes under certain conditions. Job stress and work-family conflict mediate the relationship between WFH and burnout, and the pathway from WFH to the mediating variables is moderated by one's partner's WFH status.

**12:00 Opportunity Thrive**

Llena Chavis, Hope College; Rebekah Schipper, Opportunity Thrive; Abigail Knoner, Hope College

The health of the teachers is directly relevant to the health and success of their students. A college researcher partnered with a community organization to support their research efforts intervention strategies. Informed by their study, these researchers will present an evidence-based program of wellness coaching for k-12 educators.

**12:15 Cultural Transference/Countertransference Within Diversity Trainings - A Community Autoethnography**

Satveer Kler, Southern Illinois University Carbondale; Frederick Siglar, Southern Illinois University Carbondale; Ankita Sahu, Southern Illinois University Carbondale

This community autoethnography detailed the cultural transference/countertransference experiences of three Black, Indigenous, People of Color (BIPOC) individuals facilitating diversity trainings. The authors explored how cultural transference/countertransference impact implementation of and receptivity to diversity trainings. Recommendations for addressing cultural transference/countertransference grounded in the research literature were provided.

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**Professional Development Session:  
Applying Research Methods and Cognitive Psychology to Real-World  
Settings**

Sat 10:30AM - 12:20PM

Salon 01

**10:30 Helping Students Pursuing Applied Careers Benefit from Research Methods Courses**

Pirita See, South Dakota State University; Tyler Miller, South Dakota State University; Russ Webster, Penn State Abington College; E. Paige Lloyd, University of Denver

We will discuss how statistics and research methods courses can be designed and implemented to increase psychology students' appreciation for evidence-based practices beyond the academic bubble. The panel will share their experiences in fostering a course structure and atmosphere that supports *all* students, including students with applied interests.

**11:30 Strategies to use cognitive psychology to enhance student outcomes**  
Gregory DeGirolamo, St. Xavier University

This session will discuss several concepts from cognitive psychology research that can be applied to the educational setting. These concepts include the testing effect, distributed practice, levels of processing, transfer-appropriate processing, scaffolding, and encoding specificity. There will be time to discuss currently employed strategies, new strategies, strategy enhancements, and questions.



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## Social Psychology Posters II

Sat 10:30AM - 12:20PM

Exhibit Hall

### **1 Individualism, Collectivism, and Religiosity**

Aaron Devers, Northern Kentucky University; Doug Krull, Northern Kentucky University

The objective of this research was to investigate relationships between individualism (e.g., individual rights/responsibilities), collectivism (e.g., supporting one's group, fulfilling one's role in the group), and religiosity, using both novel and established scales. Religiosity was positively correlated with vertical and horizontal collectivism but was uncorrelated with vertical and horizontal individualism.

### **2 Can intercultural competence increase via international-domestic student roommate pairings?**

Hiba Dedmari, Miami University, Ohio; Mike Curme, Miami University, Ohio; Vaishali Raval, Miami University

Few studies have examined the relationship between intercultural competence and international-domestic roommate pairings. Thus, the present study examined how different roommate arrangements influence students' intercultural competence over a year. Results showed that intercultural competence did not change for US students with international roommates. More research is needed with larger samples.

### **3 Video Game Mediated Emotion**

Scott Hemenover, Western Illinois University

Participants ( $N = 519$ ) reported how frequently they experienced 43 emotions during past video game play. Pleasant emotions occurred at higher rates than unpleasant emotions, and all emotions were reported at non-zero frequencies. Additionally, greater gaming frequency and history amplified emotion frequency, especially for pleasant emotions.

### **4 Measures of Sexual Guilt vs. Conservatism**

Julia Smoot, University of Michigan

This project examines the constructs of sexual guilt and conservatism and how they are measured in research. We concluded that the Mosher Sex Guilt

Inventory, which is the most popular measure of sex guilt, measures sexual conservatism rather than guilt.

### **5 Using Contexts to Interpret Facial Expressions; The Effect of Background Scene on Emotion Understanding**

Youlim Kim, Depaul University; Ralph Erber, DePaul University; Myah Kannout, DePaul University

This study investigated how people understand masked facial expressions. Participants interpreted happy faces, fearful faces, or neutral faces with positive, natural, or negative background scenes. Results suggested that having contextual information congruent with facial expressions helps people understand masked facial emotions, especially when the expressions are ambiguous.

### **6 Exercise, Neurostimulation and Emotional Wellbeing**

Grace Louis, Northern Illinois University; Shaine Henert, Northern Illinois University; Christopher Hill, Northern Illinois University

We compared the effects of an acute exercise session to neurostimulation on one's perceptions of emotional wellbeing. Participants completed an exercise, neurostimulation and control condition. Positive and negative affect were assessed before and after each condition. Results showed that exercise and neurostimulation improved significantly improved positive affect.

### **7 Examining the Role of Emotion Processing in the Survival Paradigm**

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 aim of the current study was to examine how emotion-laden words are processed in the survival paradigm. Our findings indicate a robust survival advantage across word types.

### **8 Climate change images influence performance in a modified flanker task**

Mikenna Weiler, Northern Michigan University; Lin Fang, Northern Michigan University; Joshua Carlson, Northern Michigan University

Previous studies have shown that climate change relevant images capture attention. We expand on this finding and show that negative images of climate change (compared to positive and neutral images) impair performance on a modified flanker task. Thus, concerning images of climate change may disrupt attentional control processes.

## **9 Linguistic Analysis of Students' Belonging Concerns during the Pandemic**

Gabrielle Garcia, University of Indianapolis; Kathryn Boucher, University of Indianapolis

We analyzed students' reasons why they were experiencing higher or lower levels of belonging in their Fall 2021 courses at five universities as classes returned to mostly in person. Students spontaneously mentioned being introverted, pandemic-related themes, and mental health concerns, all of which were significantly correlated with belonging.

## **10 Awe and Knowledge**

Caitlin Ailsworth, DePaul University; Linda Nguyen, DePaul University; William Krenzer, Duke University; Kimberly Quinn, DePaul University

We asked whether relevant prior knowledge might heighten or attenuate the experience of awe. Data from guests at the Museum of Science and Industry, Chicago, revealed positive correlations between self-rated prior knowledge and several facets of awe after guests interacted with two awe-evoking museum spaces.

## **11 Fear of Negative Evaluation and Emotions After Posting on Instagram**

Emily Kowalski, Avila University; Sydney Gardner, Avila University; Isabelle Watters, Avila University; Samuel Ziglinski, Avila University; Marcia Pasqualini, Avila University

We tested whether college-aged women reported positive and negative emotions after posting on Instagram, depending on their level of fear of negative evaluation (FNE). As predicted, women with higher FNE reported more negative feelings after posting, and higher anticipated negative feelings after a future post. Positive feelings were less affected.

## **12 Hurting to Helping: Regret as a Potential Motivator of Helping**

Chandler Findley, University of Arkansas; Denise Beike, University of Arkansas

Regret was examined, compared to sadness and guilt, regarding its effect on helping. Participants recalled an emotional experience then donated their time. There was no evidence that regret, guilt, or sadness motivated prosocial behavior, but negative affect was correlated with more donated time, and established adults experienced more intense regret.

### **13 The Role of Spanish-Proficiency on Emotional Processes in Latinx Youth**

Ashley Harris, DePaul University; Mariana Bednarek, DePaul University; Antonio Polo, DePaul University

This study explores the role of Spanish-language proficiency on emotional processes in a sample of 264 Latinx youth. Linear regression analyses indicate Spanish-proficiency significantly predicts emotional processes for girls, but not boys. Further analyses will be conducted to explore the relation between language, emotional processes, and psychopathology.

### **14 Awe and Positive Affect: Potential Mediators**

Autumn Chall, Illinois State University; Jeffrey Kahn, Illinois State University

Awe is known to have a positive impact on affect, yet the mechanism by which this occurs is unclear. In this experimental study, heightened self-transcendence and lowered self-focused attention were proposed as mediators for this relationship.

### **15 Academic Stress and Coping: Potential Moderating Roles of Perfectionism**

Jeffrey Kahn, Illinois State University; Jennifer Fishman, Illinois State University; Sarah Galati, Illinois State University; Derek Meyer, Illinois State University

Academic stress among college students varies as a function of perfectionism as does one's preferred method of coping with stress. This study examined whether perfectionistic concerns and perfectionistic strivings moderate the stress-coping relation as applied to several hypothetical, stressful events.

### **16 Adolescents' Emotional Challenges During the COVID-19 Pandemic**

Tyler Wilson, Washington University in St. Louis; Vivian Mora, Washington University in St. Louis; Jenalee Doom, University of Denver; Chris Rozek, Washington University in St. Louis

We asked adolescents to share about their biggest emotional challenges at the end of the first full year of the pandemic. Students wrote about a variety of topics, which can inform how to focus supports as students continue to recover from the social and emotional stress during that time.

### **17 The Impact of Instagram as a function of Dunbar's Number**

Kristen Woodhall, University of Missouri- St. Louis; Jennifer Siciliani, University of Missouri St. Louis

This study will investigate the relationships among the frequency of

Instagram use and the variables of self-esteem, life satisfaction, and envy; and whether these relationships are moderated across groups who follow  $\leq 150$  and greater than 150 pages.

### **18 Hope and Healthy Behaviors in Late Adulthood**

Laurel Mertz, Mather Institute; Mushira Khan, Lewis University and Mather Institute

Hope has been previously linked to multiple facets of health. Through a survey of 711 older adults, the present study found that hope was positively associated with perceptions of future self, perceived health, and healthy behaviors. These findings highlight a need to promote hope in older adults to improve well-being.

### **19 Moderators of Behavioral Inhibition Sensitivity and Psychological Distress**

Edward Silber, Illinois Institute of Technology; Alex Garn, Louisiana State University

University students are at risk of experiencing psychological distress. This study examined mindfulness and physical activity as moderators between behavioral inhibition system (BIS) sensitivity and psychological distress in this population. Both intervention strategies were found to be effective in reducing psychological distress among participants with high BIS sensitivity.

### **20 The Effects of Fitspiration Engagement on Health Behavior**

Janice Buss, Southern Illinois University Edwardsville; Mitsuru Shimizu, Southern Illinois University Edwardsville

Fitspiration is a social media trend inspiring people to engage in healthy behavior. This study found that participants engaged in fitspiration showed larger discrepancy between their current body size and ideal body size, while they tend to engage in healthy eating and exercising.

### **21 Anticipated Belonging in College: An Intervention to Increase College Access**

Danika Strayhorn, Washington University in St. Louis; Maegan Ruiz, Washington University in St. Louis; Chris Rozek, Washington University in St. Louis

We showed that a brief, online intervention positively influenced high school students' anticipated sense of belonging in college. These results add to a growing body of knowledge about how interventions that can help narrow the

gap in college-going behaviors between high school students from higher- and lower-SES backgrounds.

## **22 How does parental education predict students' education-dependent future identities?**

Mateo Hain, Washington University in St. Louis; John Hanrahan, Washington University in St. Louis; Tyler Wilson, Washington University in St. Louis; Chris Rozek, Washington University in St. Louis

Identity-based motivation theory posits that whether individuals view their futures as dependent on a college education (i.e., an education-dependent future identity) contributes to their academic success. We found that there were parental education differences on whether middle school students held an education-dependent future identity, which explained differences in academic performance.

## **23 Anticipated College Belonging in High School Students: A Qualitative Study**

Sadie Neville, 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

We asked students about what factors contribute to their decisions about where to attend college and found that their anticipated fit and belonging was an important factor in addition to other factors like cost and location. Thus, to improve college access, schools may consider bolstering students' anticipated college belonging.

## **24 Rationalizing White Nationalism Through Political Ideology and Patriotism**

Miguel Vazquez, DePaul University

One of the greatest domestic threats in America is the rise of White nationalism (DHS, 2020). It is imperative that we investigate how ideological underpinnings such as patriotism further exacerbate White nationalism. Without such discernment, a concept that was once regarded as positive may further White nationalist agendas.

## **25 Ranked-choice vs Plurality Voting: Implications for Women Political Candidates**

Amanda Mosier, Indiana University - Purdue University Indianapolis

A plurality system often forces a choice between honest and strategic voting, which disproportionately harms candidates from underrepresented social groups. This study found that ranked-choice voting (an alternate system that

eliminates the honest vs strategic vote choice) increased intentions to vote for women candidates compared to a plurality system.

### **26 Racial Resentment Predicts Support for Descriptive Representation of Women/LGBTQ+ Members**

Homa Sheibani, Central Washington University; Tonya Buchanan, Central Washington University; Patrizia Chirco, Central Washington University & University of Bern

Who is likely to support diversifying representation? Do attitudes about one marginalized group predict support for increased representation by other underrepresented groups? Our results demonstrate the important and unique role of racial resentment (vs ideology/identity) in driving attitudes about descriptive representation of a range of underrepresented groups (e.g., women, LGBTQ+).

### **27 Misinformation Susceptibility: Partisan & Novel Misinformation is More Believable**

Adan Reyes Salas, University of Northern Iowa; Ian Beatty, University of Northern Iowa; Taylor Simington, University of Northern Iowa; Monty Crain, University of Northern Iowa; Helen C. Harton, University of Northern Iowa  
Participants were more likely to believe misinformation if its content aligned with their political beliefs and were more likely to believe novel than pre-existing misinformation. Participants who were higher in dogmatism and lower in cognitive sophistication were also more likely to believe misinformation.

### **28 COVID-19 Threat and Homogeneity of Political Subgroups in the U.S.**

Alivia Zubrod, Park University

We asked the question: Has COVID-19 threat contributed to feelings of widespread division in the United States? We found that (1) perceived COVID-19 threat is associated with increases in within-group homogeneity and decreases in across-group homogeneity, and (2) this effect for across-group homogeneity was moderated by ideology.

### **29 The Effectiveness of Value-Consistent Framings on Conservatives' and Liberals' Attitudes**

Aubrey Paschal, University of Northern Iowa; Daria Washington, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

Participants responded to several statements about target groups that were framed to emphasize the values of race, nostalgia, multiculturalism, or just world. Similar to Lammers & Baldwin (2018), the nostalgia framing was

effective in altering conservatives' endorsement of liberal attitudes. The other framings did not have the expected effects.

### **30 political and religious identity conflict**

Alexis Morales, Ohio University; Kimberly Rios, Ohio University

We propose that non-religious conservatives and religious liberals may experience more conflict between their political and religious identities than do religious conservatives and non-religious liberals. Across three studies, it has been found that participants identifying as religious and liberal or non-religious and conservative predicted high levels of identity conflict.

### **31 Political lenses influence our perceptions of racism**

Josh Woods, Grand View University

This experiment aimed to examine the effects of politics on an ability to identify racist statements. We found Democrats were more likely than Republicans to label a racially charged statement as “racist.” However, this difference was eliminated when subjects did not know who made the statement.

### **32 Parenting During the Pandemic: Mind-mindedness, Parenting Stress and Child Outcomes**

Brenda Lundy, Purdue University Fort Wayne; Katelyn McCurdy, Purdue University Fort Wayne; Haley Crouch, Purdue University Fort Wayne; Mimi Aretha Ahiakwo, Purdue University Fort Wayne; Brayden Langdon, Purdue University Fort Wayne

Parental mind-mindedness and parenting stress were explored in relation to elementary school children’s behavioral and emotional difficulties during the coronavirus pandemic. Higher levels of parental mind-mindedness predicted reduced levels of parenting stress. Reduced levels of parenting stress, in turn, predicted better child outcomes. The findings may have important implications for intervention programs.

### **33 Family Encouragement and Loneliness**

Rebecca Lindgren, Cornerstone University; Carissa E. Kubat, Cornerstone University; Sérgio P. da Silva, Cornerstone University;

Family relationships are crucial to one’s outlook on the world and of life.

This study focuses on the relationship between encouragement in the family and outcomes of loneliness. After conducting our study with sixty college-age students, these results conclude that discouragement and encouragement have a direct correlation with loneliness outcomes.



### **34 Longitudinal Associations between Family Support and Adolescents' Self-Perception**

Rachel Meister, Illinois State University; Andie Baker, Illinois State University; Will Dettmann, Illinois State University; Laura Finan, Illinois State University; Christine Ohannessian, University of Connecticut  
We examined associations between family support and how adolescents see themselves across domains over time. Results indicated family support was positively associated with later academic, social acceptance, athletic, behavioral conduct, and close friendship self-perception domains.

### **35 Burnout and Overload for Computer Science Faculty with Disabled Children**

Alexis Jennings, Ball State University; Katie Lawson, Ball State University  
Parents in computer science faculty positions (56.3% women) with a disabled child report more role overload and less supervisor support, relative to those without a disabled child. Supervisor support was not a significant moderator of the association between having a disabled child with job burnout and role overload.

### **36 Activating Attachment in College Students Through Narrative-Based Methods**

Catherine Wright, Truman State University  
Several studies have suggested the malleability of memory, as well as the importance of childhood memories when assessing attachment style. This paper explores an extension of those findings, questioning whether or not individuals who had been exposed to narratives describing different attachment styles experienced temporary changes in their attachment style.

### **37 Mediation of Child-Parent Relationship on Psychological Impact and Parental Stress**

Shin Loubriel, Depaul University; Mingqi Li, Depaul University; Yan Li, Depaul University; Michelle Wright, DePaul University  
This study investigates if child-parent relationship mediates psychological impact of parents during COVID-19 and parental stress, and whether self-isolation moderates child-parent relationship and parental stress. Results showed a significant positive indirect effect of psychological impact on parental stress through mediation of closeness [indirect effect = .01, 95% BC CI: .00,.03].

### **38 Perception of Parental Love as a Predictor of Life Satisfaction**

Kaitlyn Kidder, University of North Dakota; Alan King, University of North Dakota

This study examines how perceptions of feeling loved by biological parents and grandparents can contribute to life satisfaction and psychological adjustment as an adult. Results showed that perceived love was positively correlated with life satisfaction and significantly predicted life satisfaction in both men and women.

### **39 Effects of Trans-Generational Parent Relationships & Parent-Child Play During the Preschool Years**

Anna Sroka, Northwestern University, Feinberg School of Medicine; Karam Radwan, University of Chicago; Joshua Kellman, University of Chicago; Riley Maloney, University of Chicago; Rimma Ilyumzhinova, University of Chicago; Willa Meyer, University of Chicago; Tony Liu, University of Chicago; Kimberley Mbayiwa, University of Chicago; Kathryn Keenan, University of Chicago

Child play is critical for healthy child development during the preschool years. Trans-generational effects of parenting can impact future parent-child relationships and quality of play. Findings show that positive parenting contributes to several aspects of play, implicating the importance of positive relationships for play during early childhood.

### **40 Parent Adjustment and Child Emotional Lability During the COVID-19 Pandemic**

Natalie Ehret, University of Notre Dame; Samantha Murray, Colorado State University; Emily LaPorte, University of Notre Dame; Megan Moran, Colorado State University

Most studies to date that have examined family changes due to the pandemic have focused on parenting factors influencing child outcomes; however, child characteristics also influence parenting. This longitudinal study examined the mutual influence of children's emotional lability and negativity (LN) and parents' perceived adjustment to parenting during the pandemic.

### **41 Depression, Negative Interactions, and Perceived Social Support Availability**

Austin Williamson, Augustana College; Emmeline Kenealy, Augustana College; Cinthia Duran, Augustana College; Quincy Gibeau, Augustana College; Bethany Abrams, Augustana College; abigail harris, Augustana College

Depression is associated with low perceptions of social support, but it is not

clear why. In this study, first-year college students reported on their symptoms of depression and their perceived support from and negative interactions with three friends. Depression increased negative interactions which in turn decreased perceptions of support.

#### **42 Beauty lies in the race of the beholder: The moderating role of participant race in couples' attract**

Jackelyn Castaneda, Depaul University; Youlim Kim, Depaul University; Nazia Khan, DePaul University; Ralph Erber, DePaul University

Exploratory analyses of an online survey revealed that having a White partner did not increase a couple's perceived attractiveness and overall success. Participant race moderated the relationship between a couple's race, their attractiveness, and their overall success. These findings suggest that beauty also lies in the race of the beholder.

#### **43 Associations Between Friendship Diversity and Global and Social Competence Among Children**

Charles Matthew Stapleton, University of Indianapolis; Jessica Cooke, University of Indianapolis; Emi Fukumura, University of Indianapolis; Aliye Hargett, University of Indianapolis; Hui Zhang, University of Indianapolis; Robert Cohen, University of Memphis

Participants were 175 children (girls=89) aged 8-11 at an urban elementary school. The children completed self-report measures of depression, internalizing and externalizing symptoms, and attention problems. Children also completed peer nominations of their friends. It was found that gender did moderate the association between depression symptoms and friendship centrality.

#### **44 Can social network health behaviors protect against feelings of loneliness?**

Courtney A. Gibson, University of Dayton; Joy E. Losee, University of Dayton

This study examined whether social network health behaviors and threat perception moderated the relationships between threat perception, loneliness, and isolation. Results indicate that social network variables moderate the indirect effect of threat perception on loneliness, such that greater levels of the social network variable were protective against feelings of loneliness.

#### **45 Ghosting and Blocking in Different Types of Interpersonal Relationships**

Michelle Drouin, Purdue University Fort Wayne; Tera Frick, Purdue

University Fort Wayne; Kennedy Westfall, Purdue University Fort Wayne; Honey Fender, Purdue University Fort Wayne  
Ghosting and blocking are used across a variety of relationship types, including distal relationships like romantic interests, and close relationships like friends and family members. Although often portrayed as relationship dissolution or ostracism strategies, it is possible that these mechanisms are used to temporarily pause unwanted interactions in wanted relationships.

#### **46 Children's Emotional Competence and Peer Respect: Gender and Ethnicity Differences**

Hui Zhang, University of Indianapolis; Zainab Tufail, University of Indianapolis; Charles Matthew Stapleton, University of Indianapolis; Robert Cohen, University of Memphis

This study explored gender and ethnicity differences in showing respect, receiving respect, and emotional competence among 171 U.S. children. Results indicated that girls were found to demonstrate higher emotional competence when showing respect compared to boys. This study contributes knowledge to what children perceive as respect through the lens of gender.

#### **47 Individual Factors Associated with Compassionate love for Strangers/Humankind**

Susan Sprecher, Illinois State University; Beverley Fehr, University of Winnipeg; Fiona Fleming, Illinois State University; Yasmin Odeh, Illinois State University; Mariana Munoz, Illinois State University; Samantha Tate, Illinois State University

Although the science of love has focused on romantic relationships and other core ties, people can also experience love for weak ties and even strangers/humankind. We present results on how various individual difference variables (e.g., gender, attachment, personality) are associated with experiencing compassionate love for strangers/humankind.

#### **48 What moderates the relationship between pandemic threat perception and loneliness?**

Rebecca Sutton, University of Dayton; Tessa Hammond, University of Dayton; Delaney Quinn, University of Dayton; Melanie Harris, University of Dayton; Courtney A. Gibson, University of Dayton; Joy E. Losee, University of Dayton

The present research studied the association between COVID-19 threat perception and loneliness and whether that association was moderated by science attitudes and demographic based factors. The study used a survey-

based approach to evaluate if and how much science attitudes, race, gender, and education predicted loneliness.

#### **49 How Close Relationships Build Confidence in Sense of Identity**

Josephine Collins, University of Arkansas; Denise Beike, University of Arkansas

This study investigated how relationships contribute to identity. Participants rated closeness to and need fulfillment by a close or non-close other, then their own sense of identity. Thinking of a close other marginally boosted identity strength. Closeness ratings predicted identity strength, mediated by other's fulfillment of competency needs and mood.

#### **50 Investigating the Influences of Perceptions of Police and Racialized Groups**

Keara Kangas, Marquette University; Endia Anthony, Marquette University; Nakia Gordon, Marquette University

Few studies have explored the role of perceptions of police, willingness to communicate, and coping with stress. Our results supported group differences for their willingness to interact and how it affects the way individuals perceive their own social group and larger social systems.

#### **51 Perceptions of Romantic Partner COVID-19 Stress: Accuracy and Outcomes**

Jessica LaBuda, University of Findlay; Mackenzie Lape, University of Findlay; Taylor Banta, University of Findlay; Ava Doster, University of Findlay; Jordan Haines, University of Findlay; Mackenzie Schneider, University of Findlay

Understanding whether people accurately perceive their partner's COVID-19 stress may shed light on processes that disrupt dyadic coping during crises. People demonstrated tracking accuracy and mean-level accuracy but projected their COVID-19 stress onto their partners. Importantly, underperceptions of COVID-19 stress were associated with less dyadic coping and less perceiver commitment.

#### **52 Romantic Partners' External Stress, Sleep Quality, and Associations with Outcomes**

Jessica LaBuda, University of Findlay; Jordan Haines, University of Findlay; Mackenzie Schneider, University of Findlay; Ava Doster, University of Findlay; Taylor Banta, University of Findlay; Mackenzie Lape, University of Findlay

The current study examined how cohabiting romantic partners' sleep quality

contributes to the relationship between external stress and well-being outcomes (i.e., conflict and negative health behaviors). Greater daily external stress was associated with poorer sleep quality, and, in turn, poorer sleep quality was associated with conflict and negative health behaviors.

### **53 Judgements of Casual Sexual Relationships**

Paige Busick, Central College; Keith Jones, Central College  
Emerging and middle-aged adults' perceptions of "hookup culture" were observed from a life-course development theory perspective. Emerging adults were not influenced by target gender, gender-based norms, or relationship commitment, suggesting general acceptance of hookup culture. Middle-aged adults, however, perceived low commitment and gender-based nonnormative casual sexual relationships as more acceptable.

### **54 Attachment Style and Texting Communication in Romantic Relationships**

Vanessa Snead, Queen's University; Tara MacDonald, Queen's University  
Participants in romantic relationships (N = 160) completed an online study which examined how attachment orientation is associated with texting tendencies and communication preferences during conflict. Results showed that individuals who are high in attachment anxiety or avoidance favour texting responses and communication preferences consistent with their attachment goals.

### **55 Identifying Factors that Promote Self-Efficacy for Managing Polyamorous Relationships**

Idil Ugurluoglu, Ball State University; Nawar Albarak, Ball State University; Alex Whitman, Ball State University; Sharon Flicker, California State University, Sacramento; Alex Tatum, Ball State University  
Very little research has examined mechanisms that promote healthy polyamorous relationships. The current study assessed polyamorous practitioners' self-efficacy beliefs for managing multiple relationships as a means of understanding strategies to promote successful engagement with polyamory. Data from 63 participants revealed four themes: history/experience, support, communication, and self-perception.

### **56 Socioecological Strengths of Polyamorous Relationships**

Ash Moomaw, Ball State University; Jessi Beaver, Ball State University; Alex Whitman, Ball State University; Nawar Albarak, Ball State University; Alex Tatum, Ball State University  
People in polyamorous relationships often experience stigma and

discrimination due to their relationship style. The current study aims to identify protective factors by examining perceived strengths among individuals who have been or currently are in polyamorous relationships. A qualitative assessment of polyamorous individuals' experiences was collected to inform this objective.

### **57 Gender Differences in Perception after Sexual Persistence**

Trisha Prunty, Blackburn College; Lexi Snow, Blackburn College; Vanessa Cunningham, Blackburn College

This study examined individual's beliefs and attitudes about sexual assault, consent, and dating. If a woman left after multiple sexual advances, she was seen as clearer in her intentions and uncomfortable compared to the woman who eventually succumbed to sexual persistence.

### **58 Sexual Behavior with Sleeping Partners: Relationship Context, Reactions, and Legality**

Michelle Drouin, Purdue University Fort Wayne; Tara Cornelius, Grand Valley State University; Robert Nicola, Purdue University Fort Wayne; Natalie Konow, Purdue University Fort Wayne; Ellie Dart, Purdue University Fort Wayne; Alexandra Monan, Grand Valley State University

Although waking to sexual touching is common, individuals are more likely to have negative feelings about this when the partner is not a committed/regular partner. Moreover, when the partner is casual, they are more likely to consider it a form of sexual assault and something that should be illegal.

### **59 What Percentage of Needs Are Relationship Partners Expected to Meet?**

Michelle Drouin, Purdue University Fort Wayne; Dylan Sczerbowicz, Purdue University Fort Wayne; Annalise Harrison, Purdue University Fort Wayne; Megan White, Purdue University Fort Wayne; Kaylee Spurlock, Purdue University Fort Wayne

Intimacy expectations vary greatly by relationship type (i.e., committed or casual relationships) and type of intimacy (e.g., emotional or sexual). Though individuals expect approximately 80% of their needs to be met by committed partners, they expect fewer intimacy needs met by polyamorous partners, one-night stands, and friends with benefits.

### **60 Relationship Between Perceptions of Infidelity and One's Own Cheating Experiences**

Michelle Drouin, Purdue University Fort Wayne; Alyssa McKinley, Purdue

University Fort Wayne; Amber Driesse, Purdue University Fort Wayne; Madison Goldbach, Purdue University Fort Wayne; Nada Saber, Purdue University Fort Wayne

Perceptions of infidelity vary based on many factors, including features of the act and characteristics of the perceiver. Frequency of cheating in a romantic relationship, as either the cheater or the person cheated on, is associated with these perceptions in diverse ways.

### **61 An American/Romanian Cross-Cultural Study of Romantic Attitudes**

Mark Hatala, Truman State University; Alexandra Eni, University of Bucharest; Ian Esteban, Truman State University; Gemma Brom, Truman State University

Two hundred American and European young adults participated in research to measure differences in romantic attitudes between cultures. Results indicated differences in romantic attitudes between Americans and Romanians.

### **62 Examining Machismo and Other Ideologies**

Eva Meza, University of California, Davis; Paul Eastwick, University of Texas at Austin

In this study, we examine mate preferences and gender ideologies with origins in the Latinx community such as Machismo and Marianismo. We used UC Davis Psychology students (n=1312, 22% Latinx) to determine how these ideologies and other gender ideologies are associated with conventional mate preferences for men and women.

### **63 Affordance Management and Stereotypes About Schizophrenia, Age, and Sex**

Guy Boysen, McKendree University; Peyton Osgood; Marissa Barauskas, McKendree University; Shelby Nash, McKendree University

Affordance management theory predicts that humans use stereotypes to evaluate if people threaten or facilitate the achievement of evolutionarily fundamental goals. The current study replicated the stereotypical association between schizophrenia and threats to physical safety but produced no evidence that this stereotype varies based on age or sex.

### **64 On the Relationship Between Religiosity and Emotion Frequency Versus Intensity**

Doug Krull, Northern Kentucky University; Amanda Clark, Northern Kentucky University

The current work explored the relationship between religiosity and the



frequency and intensity of happiness, sadness, and anxiety. Religiosity was positively related to happiness frequency and happiness intensity and marginally negatively related to sadness frequency. Religiosity was unrelated to sadness intensity, anxiety frequency, and anxiety intensity.

### **65 “I Felt a Presence”: A Contemporary Look at Apparitional Experiences**

Kerri Bradley-Ronne, The Chicago School of Professional Psychology; Alexandra Molinski, The Chicago School of Professional Psychology; Juan Barzallo, The Chicago School of Professional Psychology; Elena Tinder, The Chicago School of Professional Psychology; Caitlin Wolf, The Chicago School of Professional Psychology; Megan Haas, The Chicago School of Professional Psychology

This mixed design study investigated apparitional experiences and their impact. Little research on apparitional experiences exists, but 65% of survey-responders reported experiences with ghosts/spirits, and most felt the experience had significantly impacted their life. Few participants reported that the experience provoked fear, most reported feelings of comfort or expanded awareness.

### **66 All in Your Mind: Religiosity and the Morality of Thoughts**

Doug Krull, Northern Kentucky University; Daisy Villacis, Northern Kentucky University

This work explored whether people judge lust, pride, and hatred as immoral and harmful (apart from behavior). More religious people displayed higher ratings. Surprisingly, ratings were lowest for hatred. Also, viewing pornography as immoral and harmful was related to thinking that it can cause immoral or harmful behavior.

### **67 Sorry, Can’t Make it: Social Zapping and Self-related Needs**

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

Social zapping is newly researched social phenomenon where individuals cancel plans at the last minute, sometimes in favor of a better alternative (Muller, 2020). Recently, social zapping was correlated with fundamental needs, prompting an investigation as to how cancelling tendencies are related to our self-related needs.

### **68 Negative Affectivity and Anxiety: The Mediating Role of Adaptive Metacognition**

Emmanuella Asiamanga-Sampong, Ball State University; Allison Sederlund, Ball

State University; Olivia Hovermale, Ball State University; Arash Assar, Ball State University; Trenton Nobbe, Ball State University; Anjolie Diaz, Ball State University

Most studies examining metacognition's impact on negative affectivity (NA)-anxiety relations have focused on maladaptive metacognitions. This study examined the adaptive metacognitive skill of confidence extinguishing perseverative thought (CEPT)'s mediating role in this relation. CEPT partially mediated the relation in the hypothesized directions. These findings may help inform future interventions.

### **69 Parent Sleep, Household Chaos, and Child Emotion Regulation**

Erin Neis, Eastern Michigan University; Madison Hannapel, Eastern Michigan University; Angela Staples, Eastern Michigan University; Jamie Lawler, Eastern Michigan University

This research explores the relationship between parent sleep, household chaos, and emotional regulation in children, utilizing a mediation model. We examined 326 parent participant self-report measures of their sleep, household chaos, and child's emotional regulation. Analysis revealed household chaos mediated the relationship between parent daytime sleepiness and child emotional regulation.

### **70 The Influence of Personality and Performance Feedback on Goal Revision**

David Radosevich, University of Wisconsin-Green Bay; Dianne Murphy, University of Wisconsin - Green Bay; Deirdre Radosevich, Mindful Path Center

This longitudinal study examined the impact of Type A, need for achievement, and perceived progress on individuals' goal revision when striving for multiple goals. 128 students were surveyed biweekly over three months. Individuals who had larger goal-performance discrepancies and were high in need for achievement revised their goals upward.

### **71 Loneliness Mediates Between Bullying Victimization and Social Anxiety**

Sophia Cook, Cleveland State University; Sara Conley, Cleveland State University; Liz Goncy, Cleveland State University

The present study investigates the mediating role of loneliness in the relationship between bullying victimization and social anxiety. The findings revealed that the relationship was partially mediated by loneliness. This shows the importance of establishing risk factors for social anxiety in order to establish early intervention strategies.

## **72 Associations Between Friendship Brokerage and Optimism**

Charles Matthew Stapleton, University of Indianapolis; Shelbi Gabbard, University of Indianapolis; Amber Reinert, University of Indianapolis; Jai Turakhia, University of Indianapolis; Hui Zhang, University of Indianapolis; Robert Cohen, University of Memphis

We examined the relationship between optimism and friendship brokerage. 178 children aged 8-11 participated. The children completed a self-report measure of optimism. Children also completed peer nominations of their friends and the children they respected. Ethnicity and the amount of respect received moderated the association between brokerage and optimism.

## **73 Teacher Socio-Emotional Strategies and Negative Affect in Intellectually Disabled Students**

Jerry Huber, University of Nebraska at Omaha; Jonathan Santo, University of Nebraska Omaha; Hellen Tsuruda; Josafa Da Cunha, Federal University of Parana in Curitiba; Bianca Nicz, Federal university of Parana

Abstract (50 words): Longitudinal data from 1,250 Brazilian children and adolescents were utilized to test the effect of teacher socio-emotional learning strategies on self-reported negative affect and compare those with intellectual disabilities (ID). Analyses using multi-level modeling demonstrated that intellectually disabled students remained as stable as their non-ID peers over

## **74 Cultural Differences in Parental Emotion Socialization and Child Emotion Regulation**

Hui Zhang, University of Indianapolis; Utsavi Tak, University of Indianapolis; Zachary Schornick, University of Indianapolis; Jesse Miller, University of Indianapolis; Gracy Hniang, University of Indianapolis; Charles Matthew Stapleton, University of Indianapolis; Robert Cohen, University of Memphis

This correlational study examined these cultural differences in parental emotional socialization, specifically support, punishment, and distraction, and children's sadness regulation ability. The results indicated that parental support and distraction were both positively correlated with coping with sadness in Chinese and U.S. Children, while punishment was positively correlated only in Chinese children.

## **75 Parental Reactions to Sadness in Chinese and American Children**

Hui Zhang, University of Indianapolis; Kirsten Baldwin, University of Indianapolis; Razan Murshid, University of Indianapolis; Bradley Waggoner, University of Indianapolis; Charles Matthew Stapleton, University of Indianapolis; Robert Cohen, University of Memphis

This study explored cultural differences in children's emotional regulation in response to parental support from 494 Chinese children and 190 U.S. children. Results suggest that although parental support has been shown to influence child sadness coping, the relationship is not consistent across gender or cultural contexts.

### **76 Prosocial Tendencies and Critical Consciousness Among Immigrant College Students**

Maria Radulescu, Loyola University Chicago; Zahra Naqi-Hasnain, Loyola University Chicago; Nathaniel Aganon, Loyola University Chicago; Kareem Touleimat, Loyola University Chicago; Nicole Wojciak, Loyola University Chicago; Christine Li-Grining, Loyola University Chicago

The proposed study will explore the association between immigrant students' prosocial behaviors and critical consciousness during college and how these phenomena may be part of their developmental transition to adulthood. The use of quantitative and qualitative data will deepen our understanding of immigrant students' journeys through college and young adulthood.

### **77 Ethnic Identity and Education Planning During the COVID-19 Pandemic**

Christine Li-Grining, Loyola University Chicago; Maria Radulescu, Loyola University Chicago; Zahra Naqi-Hasnain, Loyola University Chicago; Nathaniel Aganon, Loyola University Chicago; Nicole Wojciak, Loyola University Chicago; Kareem Touleimat, Loyola University Chicago

The proposed study will explore linkages among young adults' experiences with the pandemic, ethnic identity, and education plans among Black and Latinx youth (n = 288). The use of quantitative and qualitative data will deepen our understanding of education planning in the face of the pandemic and protective factors.

### **78 Encloded Morality: Clothing As an Activator of Generosity**

Jonathan Doriscar, Northwestern University; Rebecca Baird, Knox College; Juan Ramirez, Knox College

A great deal of research suggests that clothing operates as a rhetorical device capable of communication. However, little research has assessed the rhetorical influence of clothing on the self. The present study assessed self-awareness as a moderator in the relationship between clothing and moral behavior.

### **79 Brief, Affordable, Broad Access Interventions Help Adolescents Learn Coping Skills**

Jasmine Liu, Washington University in St. Louis; Ben Kedl, Washington University in St. Louis; David Rozek, University of Central Florida; Jenalee Doom, University of Denver; Chris Rozek, Washington University in St. Louis


While mental health issues skyrocket during adolescence, many adolescents have limited access to mental health resources. Our study showed that a brief CBT-style psychological intervention completed by adolescents in school led to improved affect and less intensive negative thoughts, highlighting the potential of universal, activity-based interventions in educational contexts.

### **80 Why O' Why? Religiosity and Attributions for Negative Events**

Doug Krull, Northern Kentucky University; Elisabeth Kone, Northern Kentucky University

The current work explored attributions for four types of negative events (natural disasters, accidents, crimes, illnesses). Different negative events elicited different types of attributions and people higher in religiosity drew more supernatural attributions. In addition, religious people distinguished between how God versus Satan might use negative events.

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## Bias, Inclusion, and Exclusion

Sat 12:30PM - 2:20PM

Salon 02

Moderator: Ashley Scolaro, Central College

### **12:30 Latinx' Ethnic Identity Weakened the Effects of Workplace Racism**

Mary Inman, Hope College; Phanikiran Radhakrishnan, University of Toronto; Kimberly Schneider, Illinois State University

Working as a numerical minority may increase racism and poor health, but one's ethnic identity might offer protection from the negative effects of racism. Three samples of Latinx employees (N = 453) answered surveys about their work experiences. Results supported this hypothesis and suggest paths for future research.

### **12:45 Self-Stigma, Secrecy, and Disclosure Among Chinese with Serious Mental Illness**

Sang Qin, University of Wisconsin Madison; Miranda Twiss, Illinois Institute of Technology; Madeline Oppenheim, Illinois Institute of Technology; Lindsay Sheehan, Illinois Institute of Technology

Self-stigma has been theorized to follow a regressive path model from stigma-awareness, to -agreement, to -self-application, to -harm. A community-based participatory research team tested this Western model among Chinese with serious mental illness and examined how different behavioral outcomes—secrecy versus disclosure—mediated the impact of self-stigma on self-esteem and depression.

### **1:00 The Effect of Gender-Based Nostalgia on Anti-Trans Bias**

Alexandria Hamilton, University of Indianapolis; Katrina Spontak, University of Indianapolis; Mason Burns, University of Indianapolis

Three studies (N = 706) investigated gender nostalgia, or longing for an idealized past related to traditional masculinity/femininity. Results revealed that gender nostalgia strongly predicted anti-trans bias, above-and-beyond other relevant predictors (e.g., anti-LGB bias, gender essentialism).

Furthermore, gender nostalgia appears malleable, and experimentally reduced gender nostalgia predicted reduced transphobia.

### **1:15 Diverging Welfare Attitudes, Concurring (Mis)Perceptions of Racial Economic Inequality**

Elizabeth Ray, Indiana University; Mason Burns, University of Indianapolis  
Conservatives and people low in subjective socioeconomic status (SSES) deny racial economic inequality while diverging in attitudes about welfare. Three studies show that conservatives oppose welfare and deny inequality by perceiving Blacks as higher status. Subjects low in SSES support welfare and deny inequality by perceiving Whites as lower status.

### **1:30 Raising Awareness and Motivation using the Racial IAT**

Elisabeth Noland, Purdue University; Laura Hildebrand, Purdue University; Margo Monteith, Purdue University; Patricia Devine, University of Wisconsin-Madison

We examined possible awareness-raising and motivating effects of completing various components of the Implicit Association Test (IAT). Across two studies, results suggest that the racial IAT can increase bias acknowledgement, negative self-directed affect, and motivation to self-regulate among participants for whom being nonprejudiced is more internalized.

### **1:45 Hardship-to-pain Beliefs Are Applied More Strongly to Humans than Animals**

Kevin Summers, University of Denver; Kurt Hugenberg, Indiana University; E. Paige Lloyd, University of Denver

Across four experiments (N=1125), we found that lay beliefs that hardship desensitizes individuals to pain were applied more strongly to humans than to other nonhuman animals. Further, neither empathy nor ascription of other human traits mediated this differential effect suggesting the hardship-to-pain insensitivity link may aid in upholding human-based hierarchies.

### **2:00 Anti-Religious and Racial Discrimination in Clinical Psychology Program Admissions**

Yvonne Hunte, The Chicago School of Professional Psychology; Mark MacMillin, The Chicago School of Professional Psychology; Gilly Koritzky, The Chicago School of Professional Psychology

There is limited research exploring racial and religious discrimination in clinical psychology doctoral program admissions. The current study examined differences for Black and White female students when their religious faith was mentioned on their application. Research findings indicate faculty members have bias against White-Christian applicants, but not Black applicants.

## Media Bias II

Sat 12:30PM - 2:20PM

Salon 06/07

Moderator: Julie Eyink, University of Southern Indiana

### **12:30 Motivated Aversive Uncertainty Management**

Joshua Brown, University of Wisconsin-Madison; James Peabody, Texas Tech University; Zachary Hohman, Texas Tech University

Uncertainty identity theory helps explain why and how people are motivated to identify with groups. This project tests if self-uncertainty is sufficiently aversive to motivate self-categorization even in a minimal anxiety context. Results determined how self-uncertainty and anxiety motivate social identification and influence behaviors to reduce both anxiety and self-uncertainty.

### **12:45 Expectations on the Perceived Extremity of Scandalous Behavior**

Sydney Williams, The Ohio State University

This line of work examines how expectations impact the perceived extremity of scandalous behavior. Participants read that a politician from their own party or opposing party performed an expectation violating behavior. Two opposite hypotheses from decision affect theory and self-validation theory were explored to explain varying reactions to this transgression.

### **1:00 The Power of Authoritarian Leaders Creates Agreement with Fake News**

Juan Ospina, The Ohio State University; Gabor Orosz, Artois University; Steven Spencer, The Ohio State University

Leaders shape their employees' experience. Across four countries, employees with authoritarian leaders were more likely to accept and rate fake news as more accurate compared to employees with autonomous leaders. These findings suggest that leaders' goals can influence others' perceptions of reality, creating more conformity with fake news.

### **1:15 Political ambivalence outperforms leading predictors of support for political violence**

Joe Siev, The Ohio State University; Richard Petty, Ohio State University, Columbus

We document a novel predictor of support for political violence--attitudinal *ambivalence*. Although ambivalence typically reduces common attitude-consistent behaviors, five studies ( $N=12,533$ ) show that this reverses for *extreme* behaviors, where greater ambivalence predicts increased support



for violence and willingness to commit various extreme acts, including sacrificing one's life for one's position.

**1:30 Experiencing Culture Shock: How Political Ideology Shapes Individuals' Cultural Immersion**

Alberto Barchetti, University of Cincinnati; Joshua Clarkson, University of Cincinnati; Bryan Buechner, Xavier University; Yujin Lee, University of Cincinnati; Ashley Otto, Baylor University

Interacting with different cultures can prove difficult as exposure to cultural experiences can lead to culture shock. Building on recent work on cognitive differences in political ideology, two studies detail how conservatives are more likely to experience culture shock, though this finding reverses when host and home culture are highly similar.

**Relationship Dynamics: Stressors & Successes**

Sat 12:30PM - 2:20PM

Salon 03

Moderator: Hannah R. Hamilton, University of Chicago

**12:30 Is it in the family? Emotional clarity and attention control**

Emma Church, Cleveland State University; Caitlin Tytler, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Employing a robust experience sampling methodology, the present study tested the role of parent and child attentional control deficits in predicting their respective counterparts' emotional clarity (EC). Adolescent attentional control may be influenced by their parents EC, as parental attentional control by their child's EC. Clinical implications will be discussed.

**12:45 Emotional clarity on parent-child discrepancies of self-reported parenting style**

Caitlin Tytler, Cleveland State University; Emma Church, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

The current study investigated the relationship between emotional clarity of parent and offspring and its effect on discrepant reports of parenting practices, via robust experience sampling methodologies. Findings suggest parents may maintain clarity of positive parenting practices, while children maintain clarity of negative parenting practices. Clinical implications will be discussed.

### **1:00 Using Mixed Methods To Understand Beneficial Intervention Effects on Father-Adolescent Relationships**

Joel Devonshire, University of Notre Dame; Christopher Aiello, University of Notre Dame; Savannah Vetterly, University of Notre Dame; E. Mark Cummings, University of Notre Dame

We utilized a mixed-method analysis to better understand how the Family Communication Project intervention improved father-adolescent relationships. Daily diaries, questionnaires, and qualitative interviews showed that mutual perceived understanding was an important mediating variable for explaining intervention effectiveness and that different intervention components were associated with distinct positive effects.

### **1:15 Confirmatory Factor Analysis of the Quality of Relationships Inventory Among Young Adults in India**

Pankhuri Aggarwal, Miami University; Vaishali Raval, Miami University

We evaluated the factorial validity of the Quality of Relationships Inventory (QRI; Pierce et al., 2001) among youth adults in India. Although the original three-factor model (support, depth, conflict) had a mediocre fit, we found an acceptable fit after some modifications. Clinical implications are discussed.

### **1:30 The influence of ADHD on sibling aggression in childhood**

Casey Winters, University of Evansville; Evan McCracken, University of Evansville

This study measured the influence of ADHD on sibling violence in childhood. Consistent with the hypotheses, participants with a sibling with ADHD reported more violence victimization from their sibling and participants with ADHD reported more discrimination victimization. Moral disengagement mediated the relationship between having ADHD and perpetrating sibling violence.

### **1:45 Number of Actions and Feelings of Closeness in Interpersonal Relationship**

Wenhao Dai, University of Pennsylvania; Dolores Albarracín

The present research found that active interactions led to greater feelings of closeness to people with whom we interacted, but only when the number of total interactions was low. This effect was replicated even when the targets possessed negative traits. The effects were accounted by feelings of familiarity and were distinct from liking.

## **2:00 The Weekend Effect in Relationship Variables**

Rebekka Weidmann, Michigan State University; Jenna Wünsche, German Centre of Gerontology; Richard Lucas, Michigan State University; Janina Bühler, University of Mainz; Robert Burriss, University of Basel; Alexander Grob, University of Basel

This study examines whether relationship variables change over the course of the weekend. Based on repeated assessment and a large sample, we found that relationship and sexual satisfaction, closeness, and partner perceptions increased quadratically towards the weekend days, were elevated on the weekend, and decreased starting on Monday.

## **Psychology of Religion**

Sat 12:30PM - 2:20PM

Salon 10

Moderator: Doug Krull, Northern Kentucky University

## **12:45 Religious Residue, Belongingness, and Identity Overlap across Three Cultural Contexts**

Cameron Mackey, Ohio University; Kimberly Rios, Ohio University; Daryl Van Tongeren, Hope College

This research examined social identity threat among formerly and never religious individuals across three cultural contexts. We found that in religious Western and Eastern contexts, formerly and never religious individuals (compared to currently religious individuals) feel less belonging and therefore perceive less overlap between their public and private religious identities.

## **1:00 God Could Never Be a Woman: System Justification in Society**

Emily Brown, University of Colorado - Boulder; Adam Levy, Arcadia University; Alison Clabaugh, Arcadia University

There is a dynamic entanglement of religion, sexism, and system justification which is being explored. This research investigated whether religiosity's halo effect could extend to sexist acts and system justification's role in it.

## **1:15 God & Ghosts: Relationships between ACEs, Anxiety, and Paranormal Belief**

Elexis Spence, Wittenberg University; Stephanie Little, Wittenberg University; Katherine Ramcke, Wittenberg University

Examining the relationship between paranormal belief and childhood trauma; as well as if anxiety acts as a moderator within said relationship. The relationship between religious coping and anxiety was also examined to

determine if spiritual coping was employed as an adaptive mechanism against anxiety disorders

**1:30 Sheep in Wolves' Clothing? Social Costs of Religious Deidentification**

Daryl Van Tongeren, Hope College; Nathan DeWall, University of Kentucky; Patty Van Cappellen, Duke University

People often prefer ingroup members and derogate outgroup members. However, less is known about “religious donees,” who previously identified as religious. Across six studies (N = 5,001; four preregistered) comparing currently, formerly, and never religious participants and targets, we examined the affiliative tendencies of various religious identities.

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## Clinical and Developmental Psychology Poster Session II

Sat 12:30PM - 2:20PM

Exhibit Hall

### **1 Substance Use in the Restaurant Industry: A Scoping Review**

Andrew Muth, Indiana University-Purdue University Indianapolis

There is a high prevalence of substance use among employees in the restaurant industry. A scoping review, focused on theories, qualitative themes, correlates, and interventions, was conducted to better understand the scope of this issue. Thirty-eight studies were reviewed. Implications and future directions for this area are identified

### **2 Anxiety, Heart Rate, and Alcohol Consumption in Treatment-Seeking Individuals with Alcohol Use**

Jillian Anderson, University of Minnesota - Duluth; Erin Durkee, University of Minnesota - Duluth; Bailey Pohl, University of Minnesota - Duluth; Rebecca Gilbertson, University of Minnesota -- Duluth; Jusin Anker, University of Minnesota Medical School

Self-reported retrospective drinking, anxiety, and heart rate variability were assessed prior to, and following 28 day residential treatment. Drinks per day and percent drinking days were associated with heart rate following the laboratory aversive event task. Drinking pattern may be an important factor in cardiovascular function for individuals in recovery.

### **3 HRV as a Recovery Biomarker among AUD Inpatients with AnxD**

Emily Schulz, University of Minnesota Duluth; Rebecca Gilbertson, University of Minnesota -- Duluth; Jusin Anker, University of Minnesota Medical School

Heart rate variability and self-reported mood were assessed prior to, and following 28 day residential treatment in individuals with alcohol use disorder. Individuals with co-occurring anxiety disorder did not habituate to the laboratory aversive event task. Differences could not be explained by covariates. Implications concerning treatment length are discussed.

#### **4 Adolescent Methylphenidate Treatment: Effects on Methamphetamine Relapse During Adulthood**

Maria Broderick, Northern Kentucky University; Makayla Wright, Northern Kentucky University; Grace Gieske, Northern Kentucky University; Ethan Osborn, Northern Kentucky University; Ray Nelson, Northern Kentucky University; Justin Yates, Northern Kentucky University

Individuals with attention-deficit/hyperactivity disorder (ADHD) are more likely to be diagnosed with a substance use disorder (SUD). We determined if long-term treatment of methylphenidate (ADHD medication) increases relapse-like behavior in an animal model of ADHD. Relapse-like behavior was not affected by early-life methylphenidate exposure, strain, or sex.

#### **5 Life Stressors, Social Support and Alcohol Use in Emerging Adults**

Paige Patano, DePaul University; Rachel Neff Greenley, Rosalind Franklin University of Medicine & Science; Steven Miller, Rosalind Franklin University of Medicine and Science; Susan Tran, DePaul University; Joanna Buscemi, DePaul University

We examined how life stressors and types of social support were associated with drinking patterns. In a sample of 265 college students, we found that friend support was associated with higher binge-drinking and weekly drinking. Other significant associations were found between drinking and stressors, family support, and romantic partner support.

#### **6 Longitudinal Associations between Peer Relationships and Adolescent E-cigarette Use**

Kara Worden, Illinois State University; Ali Fay, Illinois State University; Kenzie Wiegel, Illinois State University; Laura Finan, Illinois State University; Christine Ohannessian, University of Connecticut; Symphony Mitchell, Illinois State University

We examined the longitudinal relationships between peer victimization and support with adolescents' e-cigarette use. Above and beyond past e-cigarette use, overt but not relational peer aggression was associated with a greater likelihood of later e-cigarette use. Conversely, support from peers was associated with a lower likelihood of later e-cigarette use.

#### **7 Anhedonia and the Relationship between ACEs and Addictive Behaviors**

Mary Takgbajouah, DePaul University; Nate Barnes, DePaul University; James MacKillop, McMaster University; James Murphy, The University of Memphis; Joanna Buscemi, DePaul University

The current study examined the mediating role of anhedonia in the

relationship between adverse childhood experiences (ACEs) and alcohol use and food addiction (FA). Results found a significant indirect effect of ACEs on alcohol use through anhedonia, though this indirect effect was not significant for FA.

### **8 Binge Drinking during COVID-19: Blame the Peers (Not the Parents)**

Heather Kissel, Northern Kentucky University; Christina Weller, Northern Kentucky University; Sara McFarland, Northern Kentucky University; Katie Ison, Northern Kentucky University; Jenna Dunham, Northern Kentucky University; Ty Brumback, Northern Kentucky University

Interpersonal factors influencing binge drinking changed as a result of the COVID-19 pandemic. Before the pandemic, neither family history of alcohol-related problems nor peer group deviance significantly predicted binge drinking. However, after the pandemic, peer group deviance positively predicted binge drinking, while family history had a completely diminished negative effect.

### **9 Discriminative Stimulus Effects of Gabapentin**

Madeline T. Van Fossen, Northern Michigan University; Alexia Dalton, Northern Michigan University; Taylor Galaszewski, Northern Michigan University; Adam Prus, Northern Michigan University

**Given increased reports of gabapentin misuse, the present study examined if gabapentin may elicit discriminative subjective effects in a drug-discrimination operant procedure in rats. A discriminative cue for 300.0 mg/kg gabapentin was readily established and generalization occurred to higher doses. Therefore, gabapentin establishes a salient drug state.**

### **10 College student drinking: The Role of Affect and Plans**

Laura Finan, Illinois State University; Seungok Yum, Illinois State University; Michelle Duong, Illinois State University

We investigated interactive effects of affect and drinking plans on college students' drinking at the daily level. Alcohol use plans, positive affect, and the interactions between these factors contributed to greater likelihood of alcohol use. Results may be used to inform prevention efforts for this population.

### **11 Predicting Treatment Outcomes Among High-Risk Inmates**

Danielle Nesi, Loyola University Chicago; Arthur Lurigio, Loyola University Chicago

This study examined predictors of CBT treatment outcomes in inmates with

and without substance use disorders. None of the predictors were related to treatment gains among inmates without histories of substance use disorders. CBT programs should focus on different inmate characteristics, depending on their histories of substance use disorders.

### **12 An Improvisation Intervention and its Impact on Autism Spectrum Disorder**

RICHARD C. NEY, MIDWESTERN UNIVERSITY

The effectiveness of Behavioral Improvisation was examined in ameliorating the signs and symptoms of Autism Spectrum Disorder. An eight week, one hour program was used with students at a therapeutic day school using Spolin Theater exercises. Using the SRS-2 evaluative scale, significant improvement was shown on all of the domains.

### **13 Predictors of Treatment Attrition**

Callie Coleman, University of Minnesota Duluth; Kyle Lee, University of Minnesota Duluth

Treatment format is one possible predictor of treatment attrition but has not yet been assessed in therapy with young children. In a quantitative literature review, comparisons of caregiver only and combined child and caregiver treatments revealed similar treatment attrition rates. This suggests clinicians can choose different formats without jeopardizing attrition.

### **14 Public Attitudes Toward Youth With Pedophilia: A Qualitative Examination**

Karla Caldera, Ohio State University

In this qualitative study, we focused on public perceptions about youth with pedophilia, and discovered four categories: rejections, distortions, pity, and responsiveness (including acknowledgment, therapy and professional help, and public awareness). Our study promotes transformative change to address a critical societal and mental health problem.

### **15 Early childhood mental health interventions: An Systematic and exploratory review**

Kathy Dowell, University of Minnesota Duluth; Alyssa Psyck, University of Minnesota Duluth

This literature review examines qualities of early childhood mental health interventions. A variety of presenting problems were found along with varying levels of parental involvement within treatment. These findings provide more insight into the status of early childhood mental health empirical studies on treatment effectiveness.



## **16 Associations Between Friendship Centrality and Depression Symptoms Among Children**

Charles Matthew Stapleton, University of Indianapolis; Peighton Barber, University of Indianapolis; Manasa Swaminathan, University of Indianapolis; Madi Turpin, University of Indianapolis; Daria Williams, University of Indianapolis; Hui Zhang, University of Indianapolis; Robert Cohen, University of Memphis

Participants were 175 children (girls=89) aged 8-11 at an urban elementary school. The children completed self-report measures of depression, internalizing and externalizing symptoms, and attention problems. Children also completed peer nominations of their friends. It was found that gender did moderate the association between depression symptoms and friendship centrality.

## **17 Neighborhood, Parenting and Child Behavioral Outcomes in Head Start Families**

Alyssa Buthman, Eastern Michigan University; Karen Glownia, Eastern Michigan University; Maleek Holmes, Eastern Michigan University; Heather Janisse, Eastern Michigan University

The current study examined neighborhood assets as a moderator of the relationship between parenting and child disruptive behavior in low-income African American preschool children. Results show: 1) parenting as a significant predictor of child behavior and 2) a significant interaction between neighborhood assets and parenting on child disruptive behavior.

## **18 Relationships in the Intergenerational Transmission of Emotion Dysregulation and Psychopathology**

Warner Myntti, Eastern Michigan University; Chong Man Chow, Eastern Michigan University

Parent-child relationship quality may be one avenue explaining the transmission of emotion dysregulation (and associated psychopathology) from parent to child. This study found relationship discord, but not relationship closeness, to explain the effect of parental emotion dysregulation on adolescent emotion dysregulation and internalizing and externalizing psychopathology.

## **19 Support from Administrators Predicts Lower Moral Injury in School Nurses**

Diane Bonfiglio, Ashland University; Julie Lehrer, Ashland University; Teresa Moorman, Ashland University; Jacqueline Owens, Ashland University; Kimberly Stanislo, Ashland University

Healthcare workers' experiences of moral injury have been significant during the pandemic. More than two-fifths of school nurses report at least moderate distress related to moral injury. School nurses reporting higher levels of support from school administrators report less moral injury and less perceived stress than nurses reporting less support.

## **20 A Mindfulness and Connectedness to Nature Based Psychological Intervention**

Victoria Kaznowski, Minnesota State University, Mankato; Danielle McDonald-Goeddeke, Oakland University; Cecelia Anderson, Minnesota State University, Mankato

The current study investigates the impact of connectedness to nature and mindfulness on psychological well-being during a nature trail intervention. Results strengthen the evidence for mindfulness and connectedness to nature as mechanisms in the nature and well-being relationship and bolster the usefulness of nature immersion alongside psychological treatment.

## **21 Mid-Pandemic Social Media Engagement and Well-Being**

Alissa Russell, Saint Mary's College; Haley Greene, Saint Mary's College; James Rogers, Saint Mary's College

The present study explored both demographic trends in social media use and its association with psychological well-being among adults during the mid/late pandemic. Contrasting with prior pre-pandemic investigations, higher social media engagement was not associated with any negative daily outcomes, and instead was positively associated with daily positive affect.

## **22 Facets of Conflict in Emerging Adults**

Alexander Chang, Saint Louis University; Paul Handal, Saint Louis University; Madison Streb, Saint Louis University; Irelan Fricke, Saint Louis University; Srushti Untawale, Saint Louis University; Madeline Bruce, Saint Louis University; Jewell Dehan, Saint Louis University

This study found that higher levels of conflict and conflict avoidance align with higher levels of distress and need for treatment in emerging adults, while higher levels of conflict resolution align with lower levels of distress and need for treatment.

## **23 Effect of Brief Mindfulness on State Mindfulness after Distress Task**

Sheila Hanson, University of North Dakota; John-Paul Legerski, University of North Dakota; Thomas Petros, University of North Dakota; Sarah Hammond, University of North Dakota

This study compared differential impact of three brief mindfulness

interventions on state mindfulness in the context of distress with university students in a laboratory setting. Findings inform the design of effective brief mindfulness laboratory studies as well as interventions that translate from the laboratory setting into practice.

#### **24 Acceptance-Based Performance Enhancement Training for Aviation Students**

Sarah Loew, Southern Illinois University-Carbondale; Hannah Johnson, Southern Illinois University; Andy Wall, Southern Illinois University - Carbondale; Myles Arendtson, Southern Illinois University-Carbondale; Tanner Way, Southern Illinois University-Carbondale; 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 complete measures between each session related to psychological flexibility and homework compliance. Analyses will be utilized to determine the usefulness and feasibility of the ACT intervention.

#### **25 Mental Health Needs of International Students in U.S**

Uma Rathore, Marquette University, Milwaukee, WI; Jiasheng Yu, Marquette University; LeeZa Ong, Marquette University

International students are more prone to mental illness. Results indicate that the mental health needs of international college students in the U.S are still left unlocked. Due to the lack of effective interventions, this study provides suggestions on intervention strategies that are culturally responsive, inclusive, and accessible for international students.

#### **26 Youth Relational History Affecting Mentoring Relationship Quality**

Brittanie Gage, DePaul University

A large body of literature suggests that urban youth living in poverty have a heightened risk of developing poor outcomes across various domains (academic, behavioral, emotional, psychological, social) (Collins et al. 2010). To decrease the risk of negative outcomes and promote positive development, youth mentoring programs were created and have

#### **27 Provider Perceptions of Using EMDR Through Tele-Mental Health Services to Treat PTSD**

Asianna Harris, Marquette University

This poster presentation will cover the results of a research study that was conducted to determine if a clinician's EMDR training, highest level of education, and professional identity can predict PTSD treatment outcomes

after telebased EMDR. Additionally, the study's survey instrument assessed whether a clinician's beliefs and attitudes toward tele-based EMDR influence their client's PTSD

### **28 Relationship Between Wanting to Prevent Rape and the Big Five**

Gwendolyn Wheatley, Cleveland State University; India Matthews, Cleveland State University; Ishita Munshi, Cleveland State University; Liz Goncy, Cleveland State University

We examined the relationship between the Big Five Personality Traits and whether or not a person thinks that society should devote more effort to preventing rape. Only openness was significantly and positively associated with wanting society to devote more effort in preventing rape when measured with other Big Five traits.

### **29 "Can't Sleep?": Presentation and Predictors of Insomnia following MVC**

Adam Everson, Medical College of Wisconsin; Timothy Geier, Medical College of Wisconsin; Terri deRoon-Cassini, Medical College of Wisconsin; Christine Larson, University of Wisconsin-Milwaukee

There is limited understanding regarding predictors of sleep following a motor vehicle collision. In a sample of injured trauma survivors, factors differ in predictive ability across time. While acute stress and disturbed sleep after the accident consistently predict insomnia, trauma-related factors predict acute insomnia while psychosocial factors predict insomnia maintenance.

### **30 The Effects of Trauma and Post-Traumatic Growth on Attachment**

Samantha Haga, Kenyon College

Studying 202 women with trauma experience recruited from MTURK, I found that there was a significant relationship between trauma and attachment anxiety and a small correlation between attachment avoidance and post-traumatic growth.

### **31 Comparing Ourselves to Others: Examining Optimistic Outlooks with Posttraumatic Growth**

Taylor Elam, Oakland University; Amber Efthemiou, Oakland University; Kanako Taku, Oakland University

The current study examined the relationships between dispositional optimism and comparative optimism bias with posttraumatic growth. Our findings were partially supported and indicated that dispositional optimism had a stronger relationship with posttraumatic growth than comparative optimism bias, yet they share varying relationships with certain aspects of posttraumatic growth.

### **32 Childhood Trauma Mediates Between Antisocial Personality Traits and Crime**

Sophia Cook, Cleveland State University; Liz Gony, Cleveland State University; Marissa Dongarra, Cleveland State University

This study focuses on the mediating effects of childhood trauma on the relationship between antisocial personality traits and crime and violence. Findings revealed that childhood trauma partially mediated the relationship. This shows the importance of investigating all contributing factors to delinquent behavior to increase prevention rates.

### **33 Christian Trauma: Psychometric Evaluation of the Trauma Healing Institute-Impact Survey**

Madison Palmer, Wheaton College; Melanie Elson, Wheaton College; Alexandra Mertz, Wheaton College; John McConnell, Wheaton College

Many people seek healing for trauma symptoms in Christian contexts. In the current study, we assessed the validity of a Christianity-specific trauma measure—the Trauma Healing Institute-Impact Survey. Results offer evidence of factorial and construct validity. This has implications for Christian trauma programs and Christian organizations worldwide.

### **34 Predictors of Therapeutic Outcome in Children Exposed to Trauma**

Kayla Scanlan, Children's Research Triangle; Gabriell Carpenter, Children's Research Triangle; Anne Wells, Children's Research Triangle; Jennifer Vayalil, Children's Research Triangle

This study examines the predictors of therapeutic outcome in a racially diverse, urban sample of 266 youth exposed to trauma. Logistic regression analysis indicated that number of sessions and exposure to separation were significant predictors for change on the Child Behavior Checklist and the Trauma Symptom Checklist for Children.

### **35 Relationships between Resilience, PTSD, Suicidal-Ideation, and Self-Harm in Veterans**

Justine Kovatch, Washburn University; Cindy Turk, Washburn University  
Veterans are at higher risk for posttraumatic stress disorder (PTSD), suicidal ideation, and self-harm. This study examines whether resilience moderates the relationship between PTSD symptoms and suicidal-ideation and self-harm in veterans. Directions for future research and clinical implications of findings are discussed.

### **36 College students' cannabis use and its relation to suicidality**

Hope Edwards, University of Missouri; Kayleigh Greenwood, University of Missouri; Megan Mottola, University of Missouri

This research explores the relationship cannabis has with suicidality.

Outcomes can assist prevention specialists and groups that are at a higher risk for high-frequency cannabis use. These findings can also aid in students making more informed decisions on their cannabis use and the effect it has on mental well-being.

### **37 Event Centrality Exacerbates the Link Between Self-Blame and Post-Assault Distress**

Samantha Glidewell, Miami University; Sanjana Conroy, Miami University; Prachi Bhuptani, Miami University; Terri Messman, Miami University

Separate lines of research indicate self-blame, as well as event centrality, are associated with greater distress in sexual assault survivors. The current study examined the moderating role of event centrality for self-blame and distress. Results indicated the association between self-blame and depression is stronger for individuals reporting high event centrality.

### **38 Childhood Adversity and Protective Factors – Effects on Empathy and Aggression**

Deemah Alturkait, Ball State University; Donald Lynam, Purdue University

This study examined how adverse childhood experiences impacts emotional numbing, aggression, empathy, and ability to thrive, as moderated by protective factors. The results of this study indicated that individuals who experienced higher childhood adversity developed higher empathy and lower physical aggression than individuals who experienced no childhood adversity.

### **39 The Influence of Negative Feelings on PTSD Symptoms**

Jhasmyn Alladin, The Chicago School of Professional Psychology; Yufei Wu, Chicago School of Professional Psychology; Tatiana Bennett, Chicago School of Professional Psychology; Robert Foltz, The Chicago School of Professional Psychology

This study utilized a large data set to examine PTSD symptom severity and how these relate to the feelings of shame and guilt while looking at contributing extraneous factors. The study's goal was to find correlational patterns that could help optimize the delivery of services and outcomes.

#### **40 Intergenerational Trauma and Mental Health Care Strategies for the Afflicted**

Michelle Gonzalez-merino, Michigan School Of Psychology

Intergenerational trauma refers to emotional and psychological harm which can be transmitted across different generations of family members. For Latino-Americans, psychoeducation remains as one of the main obstacles to guiding caregivers to address past trauma. Mental health services which can be tailored to cultural beliefs and practices of the afflicted.

#### **41 Effectiveness of CBT for Visually Impaired Adults with Depression (VIAD)**

Nadja Bright, Augsburg University; Ryan Fechner, Augsburg University; Savannah Stevens, Augsburg University

Exploration of therapeutic methods for VIAD is of great importance, given this growing population's risk for developing MH problems. This literature review examined current CBT practices in treating VIAD. Findings include significant gaps in the literature and call upon the MH community to develop prevention and intervention methods for VIAD.

#### **42 Identification of Factitious PTSD using The Cleveland Adaptive Psychiatric Questionnaire**

Makayla Miller, Cleveland State University; Salayna Hritz, Cleveland State University; Amir Poreh, Cleveland State University

This study aims to add a PTSD subscale to an already existing multiscale measurement. This scale was developed using the same guidelines as the Fp (MMPI-2), with a larger normative sample. The validity of the scale is assessed using a large set of simulators and self-report PTSD subjects.

#### **43 Identification of Factitious PTSD Using The Traumatic Event Inventory (TEI)**

Salayna Hritz, Cleveland State University; Makayla Miller, Cleveland State University; Amir Poreh, Cleveland State University

The present study describes the validation of the Traumatic Events Inventory (TEI), a novel self-report measure of Fictitious Posttraumatic Stress Disorder (F-PTSD). The authors hypothesized that the TEI would detect higher sensitivity and specificity of simulating participants than traditional measures. Evidence of high base rates of F-PTSD justify this research.

#### **44 Non-suicidal self-injury in a college sample**

Yen Chun Tseng, Illinois Institute of Technology; Sai Snigdha Talluri, Illinois Institute of Technology; Klaer Tawadrous, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology  
This study examined intrapersonal (depressive symptoms, self-criticism) and family (perceived family functioning, parenting style, parental attachment) factors associated with reported history of NSSI in a college student sample ( $N = 111$ ). Self-criticism and unhealthy family functioning were significant independent predictors of NSSI behaviors after controlling for demographic characteristics.

#### **45 Disordered eating symptoms and measurement in emerging adult men**

Karissa Jensen, University of Northern Iowa; Elizabeth Lefler, University of Northern Iowa

There are consistent gender differences in eating disorder diagnoses: women are 10 times more likely to be diagnosed than men. However, diagnostic criteria were developed with and for women. The current study explored adding muscularity-focused items to a thinness-focused eating disorder questionnaire to better understand young men's eating pathology.

#### **46 Self-injury and Suicide Frequency regarding NSSI Disorder**

Jenessa Canen, Western Kentucky University; Amy Brausch, Western Kentucky University

Non-Suicidal Self-Injury Disorder (NSSID) may be added to future editions of the Diagnostic and Statistical Manual of Mental Disorders. The current study examines suicidality and the frequency of NSSI thoughts and behaviors within this disorder. Results suggest that people with NSSID are more suicidal and think about NSSI more.

#### **47 Potential Links Between Sad Music Listening, Rumination, and Depression**

Ariel Gelfand, Indiana State University; Thomas Johnson, Indiana State University; Brianna Todd, Indiana State University; Paige Bedore, Indiana State University; John Britton, Indiana State University

Listening In a college student sample ( $N = 181$ ), the relationship between time spent per week listening to sad music and depression was partially mediated by both rumination and unhealthy listening habits. Analytical rumination moderated the relationship between sad listening and depression. Sad music listening may contribute to depression via increased



#### **48 Does Proximity to Mental Illness Reduce Stigma? A Bayesian Investigation**

Lainie K Krumenacker, Murray State University; Duncan Jordan, Murray State University

The aim of this study was to further understand the relationship between stigma and mental health by examining proximity to mental illness. Results from a Bayesian ANOVA suggest those who have been diagnosed with a mental illness may be more comfortable interacting with similar individuals based on their own experience.

#### **49 Meta-analysis of ACT for Obsessive-Compulsive and Related Disorders**

Morgan Franklin, Southern Illinois University - Carbondale; Andy Wall, Southern Illinois University - Carbondale; Lucie Romano, Western Michigan University; Thomas Fisher, Western Michigan University; Michelle Miller, Indiana University; Eric Lee, Southern Illinois University - Carbondale  
Meta-analysis examining composite and component effects of flexible and inflexible processes on OCD symptom severity and outcomes in adolescents and adults. This study highlights the efficacy of ACT for a broad spectrum of presentations and expands on research addressing treatment of OCDs in persons under the age of 18.

#### **50 A Review of the CAP-Q Profiles of Individuals with ASD**

Salayna Hritz, Cleveland State University; Amir Poreh, Cleveland State University; Makayla Miller, Cleveland State University

This study aims to assess the personalities of individuals with autism spectrum disorder (ASD) using the Cleveland Adaptive Personality Questionnaire (CAP-Q) personality assessment. Tools for understanding individuals with ASD are needed (Gillberg et al., 2001). The highest elevations exhibited by individuals with autism spectrum disorder (ASD) were borderline and anxiety features.

#### **51 Complicating Symptoms of Traumatic Brain Injury: Impulsivity & Irritability**

Delaney Whynot, The Chicago School of Professional Psychology; Morgan Bensky, The Chicago School of Professional Psychology; Adi Gazit, The Chicago School of Professional Psychology; Robert Foltz, The Chicago School of Professional Psychology

Traumatic Brain Injury is a leading cause of acquired disability. This presentation will examine the influence of Traumatic Brain Injuries (TBIs) in the development of irritability and impulsivity. Further, data will be

examined to understand how additional trauma exposure may exacerbate the clinical presentation. Implications for treatment will be included.

### **52 GAD Symptoms, Emotion Regulation, and Social Connectedness Associated with Social Smartphone Use**

Rachel Bond, University of Toledo; Caleb Halluer, University of Toledo; Jon Elhai, University of Toledo; Jason Levine, University of Toledo; Elyse Hutcheson, Hillsdale College

Social functioning is a vital component to human existence and well-being, however psychosocial factors related to generalized anxiety disorder (GAD) has not been fully explored. A multiple, hierarchical linear regression predicted social smartphone use from GAD symptom severity, emotion regulation, and social connectedness while controlling for age and gender.

### **53 Religion-Justified Childhood Maltreatment and Adult Psychological Maladjustment**

Hannah Doctor, University of North Dakota; Alan King, University of North Dakota

The perpetrator of religious justified child abuse relies on spiritual beliefs to justify acts of maltreatment. This study hypothesized that religious justified abuse would be associated with more maladjustment than other acts of maltreatment. Respondents completed indices measuring abuse history, religious justifications, and maladjustment outcomes. Our hypothesis was supported.

### **54 Gender Influences Presentation of ADHD and Risk for Co-morbid Diagnoses**

Kim Dell'Angela, The Chicago School of Professional Psychology; Grace Armstrong, The Chicago School of Professional Psychology- Chicago; Brooke Benowitz, The Chicago School of Professional Psychology- Chicago; Ashley Levenson, The Chicago School of Professional Psychology- Chicago; Magdalena Piazza, The Chicago School of Professional Psychology- Chicago; Aubree Smith, The Chicago School of Professional Psychology- Chicago

Females with ADHD are diagnosed later than males and diagnosed with more comorbidities. Youth referrals for ADHD and other disorders have increased since 2020. Archival data from a multisite neuropsychology practice was analyzed to identify patterns in diagnosis and scores pre/post COVID. Analysis identified increased co-morbid diagnosis in females particularly anxiety.

### **55 Chronic Illness Disclosure in Emerging Adulthood: Implications for Adjustment**

Russell Ravert, University of Missouri; Shannon Dier, University of Missouri; Joy Roos, University of Missouri - Columbia

Mixed methods were used to examine disclosure attitudes in a sample of 26 U.S. college students with chronic medical conditions. Among findings, students coded as holding *reactive* disclosure attitude scored lower in illness identity acceptance and life satisfaction compared with students coded as holding *open* or *proactive* disclosure attitudes.

### **56 Correlates of COVID-19 Vaccine Uptake in a Student Sample**

Thomas A. Wrobel, University of Michigan-Flint; Nathaniel J. Cordova, University of Michigan-Flint

Correlates of COVID-19 vaccine uptake was studied in a sample of 157 vaccinated and 37 unvaccinated college students. Logistic regression analysis using Health Belief Model (HBM, Becker, 1974) factors found perceived risk and number of reasons to avoid vaccination significantly predicted vaccine status.

### **57 John Henryism, Affect, and Cardiovascular Reactivity for African American Men**

Marcellus Merritt, University of Wisconsin Milwaukee; Cameron Bishop, University of Wisconsin Milwaukee

A lab study of anger recall stress included African American men. Among men with low education, as John Henryism active coping scores increase, post-anger-recall positive mood also (*surprisingly*) increases; and this discordance of active coping and low education predicts elevated blood pressure response to anger recall at *higher* positive affect.

### **58 Interpersonal Trauma and the Perception of the Patient-Provider Relationship**

Caroline Zubieta, University of Michigan Medical School; Matthew Ajayi, Michigan State University College of Osteopathic Medicine; Armaan Amiri, University of Michigan - Ann Arbor; Zhu Guohao, University of Michigan; Jennifer Pierce, University of Michigan

The patient-provider relationship has important implications on health. Interpersonal trauma has been linked to decrements in relationship quality. The current study examined types of interpersonal trauma and patients' perception of the patient-provider relationship. Results demonstrated that sexual abuse and more ACEs were associated with lower trust and perceived emotional support.

## **59 Mom, Dad, Sibling, Neighbor: Speaker Variability in Infants Vocabulary Growth**

Abbie Thompson, Valparaiso University

We investigated the impact of speech from different speakers in infants' environments on their vocabulary growth from 12- to 18-months. We found that child-directed speech from mothers and the other individuals was related to infants' vocabulary growth, but speech from other individuals had a larger impact.

**Affiliated Meeting of  
The Society for Teaching of Psychology**

----- Friday, April 21<sup>st</sup>, 2023 -----



**STP Invited Address**

**Hyflex-teaching: Benefits, drawbacks and its place in higher education**

Danielle Balaghi  
Michigan School of Psychology

Fri. 9:00AM – 10:15 AM

Red Lacquer

This talk will be defining what hyflex teaching is, the benefits of hyflex teaching, and the challenges that arise. This talk will also highlight ways in which hyflex teaching can be used in higher education to make it more accessible.

## Society for Teaching Psychology Roundtables I

Fri 8:30AM - 2:20PM

Salon 04

### **8:30 Teaching statistics: What works, and what does not work.**

David Nalbone, Purdue University Northwest

What works, and what does not work, in teaching statistics? A discussion of successful and unsuccessful strategies, as well as tips and tricks that may be useful for instructors of statistics.

### **9:20 Overcoming Challenges in Teaching Research Methods and Statistics**

David Kreiner, University Of Central Missouri

We can help students succeed in research methods and statistics courses by explicitly addressing the challenges they encounter. Examples include appreciating personal relevance, learning technical vocabulary and scientific communication, and learning abstract concepts. We will identify challenges faced by students and faculty and discuss strategies for addressing the challenges.

### **10:10 Supporting Professional Development in the Undergraduate Psychology Major**

Nicole R. Rivera, North Central College; Jason Pych, Concordia University Chicago

The majority of undergraduate psychology students will transition into the workplace after graduation. As higher education faces ongoing challenges, it is increasingly important to address the professional preparation. During this roundtable discussion, moderators and attendees will share their institutions' formal and informal experiences supporting student career development.

### **11:00 Hurdles in Higher Education: Are Professors the Final Barrier?**

Aubry Wood, Roosevelt University; Alexandra Montgomery, Roosevelt University; Caroline Frogozo, Roosevelt University; Doel Diaz, Roosevelt University; Steven A. Meyers, Roosevelt University

Degree attainment among students from lower socioeconomic backgrounds has not experienced proportional appreciation as their enrollment rates in higher education institutions. We discuss ways to challenge internalized stigma, institutional policies, and perpetuated microaggressions towards students from low socioeconomic backgrounds that have contributed to this discrepancy in academic attainment.

**11:50 Teaching Working College Students With Depleted Energy**

Enchi Dai, Roosevelt University; Jessica Sweeney, Roosevelt University; Deanna Tuttle, Roosevelt University; Alana Friedlander, Roosevelt University; Steven A. Meyers, Roosevelt University

Working college students often experience conflicts between their work and school, which may negatively impact their school performance. Instructors may be able to help students manage these time conflicts. We will introduce and explain several techniques based on the findings from a survey about students' experiences of work-school conflicts.

**12:40 Students Approach Online Classes With Avoidance Motivation**

Enchi Dai, Roosevelt University; Jessica Sweeney, Roosevelt University; Alana Friedlander, Roosevelt University; Deanna Tuttle, Roosevelt University; Steven A. Meyers, Roosevelt University

Individuals may choose different course modalities (online or in-person) with different motivations. We surveyed students' motivational basis for choosing either an in-person or online version of a same course. We found that students who chose online classes frequently reported avoidance motivations, which can harm their school performance.

**1:30 Microdosing Information Literacy to Improve Critical Thinking and Research Skills**

Holly Cross, Valparaiso University; Alison Downey, Valparaiso University; Abbie Thompson, Valparaiso University

This roundtable will facilitate collaboration on integrating information literacy (IL) in introductory psychology courses. A short description of a current IL project and the student learning outcomes will be discussed followed by attendee-driven conversation on experiences and potential suggestions on implementing IL in curricula at other institutions.

**Society for Teaching Psychology Posters**

Fri 10:30AM - 12:20PM

Exhibit Hall

**18 Students perceptions of stress related to role overload: Investigation of coping strategies**

Dr Jill Sudak-Allison, Grand View University; Krsitine Owens, Grand View University

Students used a variety of coping and intervention strategies to help them work through chronic and acute stressors. After 6 weeks, students reflectively analyzed their origins of stress symptoms and impact on their well-being. The

researchers identified a number of themes students use to lessen the impact of stress.

### **19 A Psychic Reading Demonstration Improves Introductory Psychology Students' Critical Thinking**

Tim Lawson, Mount Saint Joseph University; Kory Phelps, Mount Saint Joseph University

We examined whether a psychic reading demonstration (PRD) would improve introductory psychology students' critical thinking. Results indicated a significant pretest-to-posttest increase in critical thinking about and ability to generate alternative explanations for accurate psychic readings, and decreased beliefs in psychic abilities. No change was observed in the control group.

### **20 Syllabus Design and Retention of Syllabus Information**

Hypatia Bolívar, University of Illinois Springfield; Diana Zaleski, University of Illinois Springfield

A pilot study on the Social Justice Syllabus Design Tool (SJSdT; Taylor et al., 2019) measured students' memory for course information after they read a SJSdT-informed syllabus or a standard syllabus. Students retained less information from the SJSdT-informed syllabus but this may be due to it having more text.

### **21 Faculty's Perceptions of the Barriers and Benefits to Community-Engaged Pedagogy**

Tammy Sonnentag, Xavier University; Taylor Wadian, University of Cincinnati, Blue Ash College; Tessa Doan, Xavier University

The study examines faculty's perceptions of the barriers (e.g., too much course content to cover; not enough class times) and benefits (e.g., promotes deeper/critical thinking about the real-world) to service and community-engaged learning among those who do and do not employ this learning in their courses.

### **22 Can five exercises in 15 minutes promote learning skills?**

Teddi Deka, Missouri Western State University

Introductory Psychology students ( $N = 79$ ) completed five learning skills lessons, one per day, within the first or second fourth of the semester. Mixed-design ANOVAs indicated increased use of note-taking and elaborative study skills. The presentation includes how to implement lessons and potential impact on procrastination and grades.



### **23 Pandemic-related Changes in Student Notetaking Behaviors**

Rachael Blasiman, Kent State University

Moving from in-person classes to online classes during the pandemic negatively influenced student notetaking behaviors. In this longitudinal study, I examine changes over the last four years in student notetaking and how these behaviors continue to influence student learning.

### **24 Design of Lecture Videos by Non-Native English-Speaking Instructors**

Michael Chen, Eastern Kentucky University

The current study investigates the design of online lecture videos. Participants watched lectures where the instructor either showed or did not show their face and was either a native or a non-native English speaker. Our findings showed an interaction effect between learners' language experience and the lecture video design manipulation.

### **25 Incentivizing Video Watching in an Online Undergraduate Psychology Statistics Course**

Aaron Acosta, Saint Xavier University; Alejandra Gonzalez, Saint Xavier University; Angela Pirlott, Saint Xavier University

Students' video lecture viewing, and course performance was compared between two online undergraduate psychology statistics sections, one of which incentivized video viewing (5% of the final grade). Incentivizing video viewing appeared to make no impact on the proportion of videos watched or on course performance.

### **26 Making Labs Synchronous and Collaborative in an Online Statistics Course**

Alejandra Gonzalez, Saint Xavier University; Aaron Acosta, Saint Xavier University; Angela Pirlott, Saint Xavier University

This study compared an asynchronous independent to a synchronous collaborative approach to data analytics labs in an online psychology statistics course. Results suggested a synchronous collaborative approach increased lab performance by 14-percentage points compared to the asynchronous independent lab approach.

### **27 Eating, sleeping, and crying: Students' use and perceptions of break-taking**

Kathryn Hamilton, University of Wisconsin-Stout; Alicia Stachowski, University of Wisconsin - Stout; Jamie E. Hensel, University of Wisconsin-Stout; Nolan Souders, University of Wisconsin-Stout; Chelsea Betz, University of Wisconsin-Stout

The perception of study break-taking benefits and detriments was

explored. Students (n = 116) completed an online questionnaire of study break-taking behaviors, perceptions of study break-taking, and demographic information. The findings showed that students reported a variety of break-taking activities and perceived more benefits than detriments of taking breaks.

### **28 Take 5: Effect of breaks on cognitive performance and affect**

Alicia Stachowski, University of Wisconsin - Stout; Kathryn Hamilton, University of Wisconsin-Stout; Kyle Scheuers, University of Wisconsin-Stout; Madisen Hullander, University of Wisconsin-Stout; Katlyn M. Hera, University of Wisconsin-Stout

This study evaluated whether a 5-minute break during a cognitive task affected performance and affective experiences. Students completed an anagram task, separated by a break or not (experimental manipulation), and surveys assessing worry, distress, and engagement. Breaks improved performance and reduced distress when compared to continuous work on a task.

### **29 Grading on the ability to understand another's perspective**

Jessica Clevering, Trinity Christian College

A series of assignments was created that required students to converse for 30 minutes on an overarching topic in psychology such as the nature of the self. Grades were based on students' ability to thoroughly report their conversation partner's reasoning on the topic rather than their own.

### **30 Does including instructor's face in videos help engagement and learning?**

Dahwi Ahn, Iowa State University; Tara Lanning, Iowa State University; Brendon Lyons, Iowa State University; Jason C.K. Chan, Iowa State University

We investigated whether including instructor presence in lecture videos affects engagement and learning. Our findings show that although test performance did not differ based on the presence of the instructor, students reported being more engaged when they studied the lecture with the instructor's face.

### **31 Relationship between internalization, focus, and classroom performance during COVID-19**

Alexander Broekhuijse, Roosevelt University; Jessica Yang, Roosevelt University; Steven A. Meyers, Roosevelt University

We present a review of the literature focusing on the impact of anxious and depressive symptoms on academic performance and cognitive abilities during and following the Covid-19 pandemic. Emergent themes inform our tailored

recommendations for instructors to promote student psychological wellbeing in in-person and remote classroom settings.

### **32 The Instruction of Psychology's Best Students: A Survey of Teachers**

Guy Boysen, McKendree University; Marissa Barauskas, McKendree University; Shelby Nash, McKendree University; Peyton Osgood

This study examined psychology teachers' perceptions of time spent working with their "best" students – those who are most rewarding and enjoyable. Teachers reported spending less than their ideal amount of time working with their best students but also used specific methods for increasing contact with their best students.

### **33 Students as Data Collectors: Incorporating Research into Classroom Assignments**

Jessica Pleuss, Morningside University

Accomplishing both teaching and research is challenging at teaching-focused institutions, as is giving students real-world research experiences. One solution is to embed research experiences into your curriculum. I explain how I collected data for two research projects using undergraduate students as data collectors within the meaningful context of course assignments.

### **34 College Classrooms Computer Use Policies and Students' Learning**

Ariel Zhu, Roosevelt University; Kejuan Lin, Roosevelt University; Steven A. Meyers, Roosevelt University

The prevalence of computer use in higher education settings has been increasing exponentially due to its efficiency. However, previous studies did not provide enough supportive evidence to substantiate the positive relationship between students' computer use and academic achievements. This presentation synthesizes previous study results and provides specific suggestions for instructors

### **35 Experiences of Dual-Role Student Instructors**

Arwa Ansari, Roosevelt University; Hajar Ismail, Roosevelt University; Jessica Lanctot, Roosevelt University; Steven A. Meyers, Roosevelt University

Our study investigated experiences of psychology graduate students that simultaneously teach undergraduate students. Through informal conversations, participants expressed that while the time commitment and lack of teaching expertise were disadvantages, empathy for students was a perceived advantage. Future research should explore needs of student-instructors throughout this time of professional development.

### **36 Using Letters as a Teaching Tool for Qualitative Analysis**

Michele Acker, Otterbein University

Letters are an often overlooked source of data for psychologists, but they are excellent as a teaching tool for qualitative methods. Advantages include versatility, accessibility, and diversity of topics. Assignments and student work samples will demonstrate these advantages and how to use letters in a hybrid or in-person class.

### **37 Helping Introductory Psychology Students Reduce Procrastination**

christie cathey, Missouri State University; Andrea Gray, Missouri State University; Lauren Dickey, Missouri State University; Frahm Katelyn, Missouri State University; Hallie Jones, Missouri State University; Kayla Kaminski, Missouri State University; Mattis Koch, Missouri State University; Cassidy Leighty, Missouri State University; Ryan McGraw, Missouri State University

Our poster describes an intervention that targets procrastination by teaching self-compassion skills. In one class meeting, students learn 1) to conceptualize procrastination as thought and emotion avoidance 2) how self-compassion can help one stay with negative thoughts and emotions and 3) how to use a “self-compassion break” to avoid procrastination.

### **38 Supports for Discipline-specific reading in introductory psychology**

M. Anne Britt, Northern Illinois University; Taneisha Vilma; Amanda Durik, Northern Illinois University

We tested the effectiveness of a task-model chart to improve students’ learning in introductory psychology. Students randomly assigned to use a task-model chart (discipline-specific adjunct questions) performed better on the final exam and applied activities than business-as-usual students. We will discuss our plan to use it with in-person classes.

### **39 Mindful awareness supports academic success**

Shannon De Clute, Morningside University; Aleksandra Sadowska, Morningside University; Kathryn Murphy, Morningside University  
Mindfulness techniques can be utilized to help students improve their overall mental wellbeing, and help them be more academically successful. This study examined whether honor roll students would have higher rates of mindfulness awareness, and lower rates of perceived stress. Implications for remedial training for at risk students are provided.

#### **40 Using the Cultural Formation Interview to Enhance Cultural Understanding**

Russell Coulter-Kern, Manchester University; Alex Sanchez, Manchester University; Larraine Graham, University of Kentucky

The Diagnostic and Statistical Manual of Mental Disorders, 5th ed. includes a semi-structured interview, the Cultural Formulation Interview (CFI), as an approach to clinical mental health assessment. It was employed using roleplays as a class assignment to increase students' understanding of cultural issues. Implications for its use as an assignment are discussed.

#### **41 Development of empathy through specific coursework**

Shannon De Clute, Morningside University; Dakotah Schulte, Morningside University

Exposure to fiction has been correlated with empathy; however it is uncertain how this type of empathy development compares with other skills training, such as learning counseling strategies. Empathy scores were compared between students taking literature, counseling and biology courses. Implications for curriculum development are explored.

#### **42 Enhancing Students' Curiosity Through a Course On Mindfulness and Self-Compassion**

Albert Tuskenis, Governors State University; Timothy Pedigo, Governors State University

The practice of mindfulness and self-compassion may enhance students' curiosity and intrinsic interest in learning. In a course with an experiential focus on mindfulness and self-compassion practice, we assessed students' improvements in mindfulness, self-compassion, and curiosity. Students were also interviewed about their experiences in the course.

#### **43 Using technology abstinence to teach, and increase, motivation**

Hillary Wehe, Upper Iowa University

This study describes a technology abstinence project designed to promote engagement and intrinsic motivation to learn principles of addiction. It was designed to promote self-reflection, student choice, and focus on a facet of addiction in which many students are experienced (e.g., social media or technology).

#### **44 Social Identity Development Under Social Media Contexts for Adolescence**

Eleanor Yi, Harvard University

Drawn from meta-analysis, this theory-driven intervention aimed to equip adolescents with skills to combat the negative influences of social media on

their social identities. Social identities are narrowed down to the aspects of body image, self-presentation, and social comparison. The intervention included mindfulness training and digital storytelling training.

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**STP Invited Address**

**The Value and Versatility of an  
Undergraduate Degree in Psychology**

Ashley Waggoner Denton  
University of Toronto

Fri. 1:00 PM – 2:15 PM

Red Lacquer

Many psychology majors have trouble linking their degree to careers and most convey a limited understanding of how their courses enable them to develop employable skills. In this talk, I will review various ways in which instructors can help undergraduate psychology students recognize the value and versatility of their degree.

**Affiliated Meeting of  
The Society for Teaching of Psychology**

----- Saturday, April 22<sup>nd</sup>, 2023 -----

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**Society for Teaching Psychology Symposia**

Sat 9:20AM - 2:20PM

Salon 09

**9:20 Expanding horizons: Facilitating study abroad experiences in psychology**

Rebecca Foushée, Lindenwood University; Colleen Biri, Lindenwood University; Stephanie Afful, Lindenwood University; Esther Malm, Murray State University

A panel of faculty will discuss: a) the benefits of study abroad, including recent data collected from one of our post-COVID-19 study abroad courses, b) the logistics of planning, recruiting, and facilitating study abroad courses, c) potential challenges with implementing these courses, and d) teaching tips for assessing study abroad.

**10:10 Action-focused social advocacy clerkship: But what can we DO about it?**

Connie Natvig, Midwestern University

This talk is a description of a 20-week deployment-focused social advocacy clerkship for the training of graduate students in clinical psychology. The rotation employs a democratic apprenticeship model of student self-determination with a focus on advocacy deployment. The rotation features didactic materials, discussion, and action-focused advocacy micro-skills.

**11:00 Reinventing Introductory Psychology from a diversity, equity, and inclusion perspective**

Maureen Donegan, Delta College; Chris Curtis, Delta College; David Baskind, Delta College; Jeff Dykhuizen, Delta college; Nancy Hartshorne,

Delta College; Suan Harvey, Delta College; Spring Schafer, Delta College;  
Ralph Worthing, Delta College

The psychology faculty at Delta College have engaged in a yearlong process to examine the Introductory Psychology course and make improvements to increase student success by promoting diversity, equity, and inclusion. We will share the changes we have made and offer ideas for faculty to incorporate into their courses.

**11:50 Enabling Peer Feedback: The Right Way, At the Right Time!**

Carine Marette, Kritik Education, Kritik.io

Peer feedback built on the principles of the TEACH model guides students to provide quality evaluations that are TIMELY, EXPLICIT, APPROPRIATE, COMPETENCY-based, and HELPFUL. This approach gives students a voice and challenges them to develop critical thinking and soft skills that are necessary to succeed in the workplace.

**12:40 Teaching animal and human research ethics through engaging active learning**

Allyson J. Bennett, University of Wisconsin-Madison; Sangeeta Panicker, Public Responsibility in Medicine & Research

Understanding basic concepts and application of ethical principles for research is a critical foundation for psychology students, both as consumers and producers of scientific knowledge. In this session we will introduce engaging, active learning methods for teaching research ethics—inclusive of research with human and nonhuman animal subjects.

**1:30 Sounds! Cameras! Magic! Stimulating Student Engagement**

Kevin L. Ladd, Indiana University South Bend; Anthony Barnhart, Carthage College

Linking classroom principles to every day life is a perennial challenge. Seeking to balance theory and application, we demonstrate how the use of audio recordings, photography, and magic tricks lead students to assimilate course materials in their lives beyond the classroom.



## Society for Teaching Psychology Roundtables II

Sat 10:30AM - 1:15PM

Salon 04

### **10:30 The virtues of the selfish teacher-scholar**

Anthony Barnhart, Carthage College

There are approaches to teaching that can be as beneficial to the instructor as they are to the students. Counterintuitively, selfishness can be selfless! This roundtable will offer an opportunity to discuss how you can engage in work that helps you develop professionally while also benefiting your students.

### **11:20 Decolonizing Psychology Curriculum: A Continued Conversation**

Cynthia Lubin Langtiw, The Chicago School of Professional Psychology;

Nancy J Bothne, The Chicago School of Professional Psychology

There have been historical and recent calls to address the settler colonial influence in our field of psychology. Join this roundtable discussion to learn about strategies being used in the home clinical psychology department of facilitators. Share your own progress, experiences and challenges as well. Let's continue the conversation!

### **12:10 Decluttering your syllabus - Letting go when things stop working**

Sarah Butler, College of DuPage

Decluttering is a process of releasing physical objects that no longer serve a person's life; strategies used for physical objects can also be used to remove more intangible clutter. This roundtable will focus on identifying some such strategies, and how we might identify and remove "clutter" from our courses.

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**STP Invited Address**

**Adapt, Don't Adopt: An Active-learning Pedagogical Toolkit**

Guy Boysen  
McKendree University

Sat. 9:30AM – 10:20 AM

Salon 10

Learning requires active processing of information, but lack of structure in “active” forms of pedagogy may lead to high engagement but little learning. This interactive talk will introduce tools for structuring active learning and allow participants to plan ways they might adapt them to their instructional style and course content.

## **NOTES**

**Affiliated Meeting of  
The Society for Community Research and Action  
Open Meeting of the Division 27 Interest Group**

----- Friday, April 21, 2023 -----

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**SCRA Symposium**

**Electronic Waste Impacting the Community: Exploring Environmental  
Variables Across Settings**

Fri 9:00AM - 10:00AM

Madison

Andrew P. Camilleri, DePaul University; Abigail Adan, DePaul University; Joseph R. Ferrari, DePaul University; Alyssa Altieri, DePaul University; Ella Hageman, DePaul University; Hetal Patel, DePaul University/ University of Illinois at Chicago; Zach H. Ellis, DePaul University

Psychological research traditionally examined individual-level predictors of recycling and pro-environmental behaviors. Utilizing a community psychology framework, this interactive symposium highlights multiple projects using community level and socio-demographic variables relating to recycling and pro-environmental behaviors.

**SCRA Roundtables I**

Fri 9:00AM - 12:45PM

Marshfield

**9:00 Value Congruence in Students' Fieldwork Experiences**

Ellie Buebendorf, DePaul University; Maggie Liepshutz, DePaul University; Olya Glantsman, DePaul University; Leonard Jason, DePaul University; Luciano Berardi, DePaul University; Jerry Cleland, DePaul University

Values are an important part of organizational culture, and research demonstrates the importance of value congruence between an organization and individuals (Meglino et al., 1989; Kroeger, 1995; Amos & Weathingtin, 2008). The purpose of this roundtable is to discuss the importance of values for Community Psychology students in their internships.

**10:00 Black Women in Big Spaces: Exploring the Lack of Leadership in Mental Health**

Celeste Jackson, National Louis University; Lauren McBride, Healed and Whole Counseling

New studies suggest black women are the fastest growing demographic of individuals to earn degrees in the US, making them the “most educated” group however the lack of representation in leadership reflects otherwise. This dialogue will explore the intersection of black women in leadership and the complexities that arise in pursuit of their careers.

**11:00 Artificial Intelligence as a Tool for Community Research**

Sage Benner, DePaul University; Suvetha Ravichandran, DePaul University; Halli Watts-Rich, DePaul University; Katherine Tuzzolino, Oberlin College, DePaul University; Lauren Ruesink, DePaul University; Jacob Furst, DePaul University; Leonard Jason, DePaul University

Artificial Intelligence is an umbrella category for a variety of computational methods, many of which are freely available and applicable to community research questions. With our discussion we hope to encourage students and researchers to consider machine learning to be a practical and accessible set of tools.

**SCRA Roundtables II**

Fri 9:00AM - 12:00PM

Logan

**9:00 A Decolonial Worldview: Its Positive Impact on those Marginalized by Society**

Shanya Gray, National Louis University; fakelia guyton, Equity Partners Network

This roundtable discussion will create a discourse on how a decolonial and liberatory worldview can positively impact the lived experiences of those who have been othered or marginalized by society. A few case studies will also be shared of the healing and freeing power of this worldview in everyday life.

**10:00 Prioritizing Policy in Community-Based Research: Discussing Challenges and Approaches**

Safa Asad, DePaul University; Taylor Swenski, DePaul University; Kailyn Bare, DePaul University; Marlo Knapp-Fadani, DePaul University; Susan

McMahon, DePaul University; Megan Greeson, DePaul University; Christopher B. Keys, DePaul University; Kayleigh Zinter, DePaul University  
Community psychologists will discuss how their research has informed policy across regional, state, and national levels. They will share their approaches to research and collaboration and how to effectively influence policy and practice across a range of projects, including school violence, sexual assault, and mental health and law enforcement.

### **11:00 Community Collaboration in Higher Education**

Cari Stevenson, Kankakee Community College; Brad Olson, National Louis University; Tiffeny R. Jimenez, National Louis University; Judah J. Viola, National Louis University; Jessica Shaw, University of Illinois at Chicago  
Historically, higher education uses a hierarchical, solitary approach in developing and delivering curriculum; and traditionally, academics have been viewed as wardens of expertise. In this session, we will explore ways to de-center ourselves and co-create curricula with students and community experts to better serve learners in the institution and community.

## **SCRA Roundtables III**

Fri 9:00AM - 12:00PM

Kimball

### **9:00 Community Psychology & Harm Reduction: Solidarity in Practice**

Maggie Liepshutz, DePaul University; Lauretta Omale, National Louis University; Modena Stinette, NATIONAL LOUIS UNITY; Brad Olson, National Louis University; Judah J. Viola, National Louis University  
This roundtable discussion will focus on the connection between Harm Reduction and Community Psychology, both in theory and practice. Just as Harm Reduction embraces principles that connect individuals with services through strength-based approaches and individual assets, Community Psychology acts as a participant conceptualizer by integrating mirroring core values.

### **10:00 Power and Paradigms in a Post Viral World**

Halli Watts-Rich, DePaul University; Suvetha Ravichandran, DePaul University; Lauren Ruesink, DePaul University; Joseph Dorri, DePaul University; Sage Benner, DePaul University; Sarah Ngonmedje, DePaul University; Katherine Tuzzolino, Oberlin College, DePaul University; Leonard Jason, DePaul University

Those impacted by ME/CFS report disagreement on whether the global attention on long COVID has benefitted existing chronic illness communities. This roundtable aims to debate the advantages and disadvantages of utilizing

top-down and bottom-up approaches to address public health policy for individuals affected by the pandemic and other post-viral illnesses.

**11:00 Medication-Assisted Treatment: Stigma, Barriers, and Future Interventions. [Roundtable Discussion]**

Elizabeth Garrity, DePaul University; Alexa Nieder, DePaul University; Justin Bell, DePaul University; Connor O'Brien, DePaul University; Kelly Maganini, DePaul University; Ted Bobak, DePaul University; Leonard Jason, DePaul University

Medication-Assisted Treatment (MAT) refers to the utilization of medicines in conjunction with therapeutic approaches to treat substance use disorders. Despite support from health organizations, stigma and misinformation are commonplace. This roundtable discussion will address what MAT is, gaps in treatment, and what interventions may combat the ensuing stigma.

**SCRA Roundtables IV**

Fri 9:00AM - 12:00PM

Indiana

**9:00 Building a Culture of Connection in Community Psychology Practice**

Suzette Fromm Reed, National Louis University; Judith Kent, National Louis; Claudia Pitts, National Louis University; Wytrese Richardson, National Louis University

This workshop provides an opportunity to explore strengths and challenges to building connections at the individual, interpersonal, and societal levels. Participants will examine bonding, bridging, and healing through personal reflection and group engagement. They will consider aspects of their practice and learn strategies to cultivate a culture of connection.

**10:00 Native Americans and Diminishing Casino Revenues**

Boyd Miller, Arizona Global University Tucson Arizona

Professional discussion aims to offer a formula for economic success for Native American persons living on reservations. This paper formalizes suggestions for developing alternative sources of revenue. The is to become self-reliant and reduce dependence on gambling revenue. The residents of reservations among the poorest and most isolated places.

**11:00 Culture matters: African American adolescent health promotion**

Thomas Weiss, DePaul University; Hanna Stier, DePaul University; Brianna Lurigio, Rush University; Marcus Quackenbush, DePaul University; Ann Tharakan, DePaul University; Maya Steel, DePaul University; Audrey Harris,

DePaul University; Chris Whipple, Penn State University Harrisburg; Leonard Jason, DePaul University; Sally Lemke, Rush University; LaVome Robinson, DePaul University

African American adolescents continually rise above structural racism and thrive, despite the systemic barriers they often face. In this roundtable discussion, we explore how African American adolescents uniquely demonstrate resilience while constantly bombarded by racial discrimination.

### **SCRA Symposium**

#### **Affordable Housing and Persistent Homelessness: Findings from Three Studies**

Fri 10:00AM - 11:00AM

Madison

Amanda Barry, DePaul University; Ellie Buebendorf, DePaul University; Ugo Onyeukwu, DePaul University; Syed Saquib, DePaul University; Molly Brown, DePaul University

This symposium will review connections between the lack of affordable housing and persistent homelessness across three qualitative studies, with participants including shelter guests and staff, coordinated entry system stakeholders, and displaced single-room occupancy tenants. Converging and diverging themes will be discussed, as well as implications for future research and policy.

### **SCRA Roundtable**

#### **Entrepreneurship for Youth with Disabilities**

Fri 10:30AM - 11:30AM

Salon 02

Joanna Keel, UIC; Fabricio Balcazar, University of Illinois, Chicago; Sarah DeAngelo, University of Illinois Chicago

This roundtable discussion will cover education, entrepreneurship, and self-employment training as a vocational option for secondary students with disabilities. Best practices in teaching entrepreneurship and self-employment skills will be discussed. Additionally, data from students and teachers at three implementation including student outcomes will be presented.



**SCRA Symposium**  
**Understanding the Link between Harmful Traditional Practices and Male Gender Norms: A Focus on Sexual Violence and Female Genital Mutilation in Africa.**

Fri 10:30AM - 11:30AM

Cresthill

Bradley Olson, NLU; Jumai Kaosarat Olumo-Saidu, NLU; Titilayo Ogunbambi, NLU

Sexual violence and harmful traditional practices, specifically female genital mutilation (FGM), are prevalent issues in many societies globally, including Nigeria. These practices are deeply rooted in cultural and gender norms that are often perpetuated by male beliefs and attitudes, making it difficult to address them effectively. The symposium discussion will delve into the link between male beliefs and norms and the perpetuation of sexual violence and FGM in African societies, with a particular focus on Nigeria. It will provide an overview of the prevalence of these harmful practices in Africa and how deeply these gender norms and beliefs contribute to their continuation. We will also examine the effectiveness of interventions promoting gender equality and challenging harmful masculine norms in reducing sexual violence and FGM. These interventions may include educational programs, community mobilization, and advocacy efforts aimed at changing attitudes and behavior. Overall, the discussion will provide a nuanced understanding of the link between gender norms and harmful practices and offer practical solutions to address these issues. By shedding light on the root causes of sexual violence and FGM, and proposing a more comprehensive approach to addressing the root causes of the underlying social and cultural factors that perpetuate them.

**Society for Community Research and Action**  
**Poster Session**

Fri 10:30AM - 12:20PM

Exhibit Hall

**45 Non-Familial Mentors in the Critical Civic Engagement of Latinx Youth**

Corissa Draper, DePaul University; Wendy de los Reyes Moore, DePaul University; Rosario Barraza, Florida State University; Bernadette Sánchez, University of Illinois Chicago

This presentation provides a preliminary understanding on the role that non-familial mentors play on the critical civic engagement of immigrant-origin Latinx youth, through interviews in which participants identified and

elaborated on their mentorships. Findings will provide insight on how mentors can support the critical civic engagement of immigrant-origin Latinx youth.

#### **46 Support Across Cultural Differences in Youth-Adult Relationships in Youth Programs**

So Jung Lee, University of Illinois Chicago; Aisha Griffith, University of Illinois Chicago; Bernadette Sánchez, University of Illinois Chicago

This study investigates how youth navigate cultural differences in supportive relationships with staff in project-based youth programs. Analyses indicated relational processes that enable youth to perceive their relationship with culturally different adult leaders as supportive. This study sheds light on cultural dynamics within youth-adult relationships in youth development program contexts.

#### **47 Conceptions of Racism from the Perspective of People of Color**

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

Conceptualizing racism as systemic (over and above conceptualizing racism as individual bias) positively predicts participants of color's ability to identify systemic and individual instances of racism, their identification as a person of color (POC), and their sense of solidarity with POC, whereas it negatively predicts their endorsement of system-legitimizing beliefs.

#### **48 Inherent Trust Biases Across Race and Religion**

Jekeel Suber, Eastern Illinois University; Jeffrey Stowell, Eastern Illinois University

Perception of social identities can affect a person's level of interpersonal trust. The current study focused on how belonging to certain racial and religious groups affected the trust of others who belonged to similar or different social groups.

#### **49 A Review of Articles Concerning Multilingual in-training Counselor's Supervision Experience**

Zitong Zheng, Marquette University

This study is aimed to explore and synthesize helpful and unhelpful factors in multilingual counselor trainee's clinical supervision via reviewing articles within past 10 years. Concluding the challenges and perspectives from advisees toward their supervision experience. The author notes the findings for concerns and directions of future international counselor education.

### **50 Families' engagement experiences in home visiting services. Insights from a continuous quality improvement evaluation**

Nick Grant, Yale; Michael Strambler, Yale

Home visiting programs often struggle to enroll and engage families in services. To better understand these challenges, we conducted 14 interviews with parents to understand their experiences pre-and post-enrollment.

Preliminary findings revealed processes that could be strengthened and highlighted in program marketing strategies.

### **51 Ecological variables influencing Oxford Homes across the United States**

Alexa Nieder, DePaul University; Elizabeth Garrity, DePaul University; Kay Chavers, DePaul University

Limited research has investigated the ecological variables that influence post-treatment settings for individuals seeking recovery from substance use disorders. As such, this research explores macro-environmental factors that impact Oxford House (OH) recovery homes across the United States.

Utilizing census data, we examined the relationship between four variables and OH characteristics.

### **52 Medication Usage in Oxford House: Psychotropic Usage and Tapering**

Tessa Hruska; Ann Kang; Justin Bell, DePaul University; Leonard Jason, DePaul University

Substance use disorders (SUDs) are commonly comorbid with other mental health conditions. This study explored medication use among individuals in SUD recovery. Medication usage varied among participants; antidepressants were negatively associated with hope. Results indicate individuals with comorbid disorders may struggle to a greater degree in community settings.

### **53 Outcomes for Racial and Ethnic Minorities in Oxford Houses**

Connor O'Brien, DePaul University; Leonard Jason, DePaul University

Racial and ethnic minorities face health disparities in substance use treatment, highlighting a need for better care for these individuals. This poster focuses on the outcomes of racial and ethnic minorities in Oxford Houses and how these outcomes relate to the health disparities these groups face.

### **SCRA POSTER WINNER**

### **54 Systematic Review: Examining Post-traumatic Growth and Resilience in the Sikh Community**

Sabreet Kaur Dhatt, Loyola University Chicago and DePaul University; Shreya Aragula, DePaul University; Anna Vu, DePaul University; Sabah Nanlawala, DePaul University; Anne Saw, DePaul University

This systematic review summarizes identity-specific coping strategies, post-traumatic growth, and resilience in the Sikh community. Abstract screening and full-text reviews revealed significant identity-specific coping strategies, and values associated with post-traumatic growth and resilience in Sikhs. These findings enhance our knowledge of components integral to culturally-informed care for the Sikh community.

### **55 What Motivates Girls to Attend College?**

Jade Valdez, DePaul University; Safa Asad, DePaul University; Christine Reyna, DePaul University

Girls now surpass boys in college admissions. To deepen our understanding of what motivates girls to attend college, results from a qualitative study suggest key college motivators for girls are personal growth and aspirations, providing a better life for themselves, and supporting their parents/family (especially for girls-of-color).

### **56 Triggers of Chronic Fatigue: Examining Participant-Reported Onsets of ME/CFS**

Katherine Tuzzolino, Oberlin College, DePaul University; Halli Watts-Rich, DePaul University; Leonard Jason, DePaul University

Myalgic encephalomyelitis (ME/CFS) is a multifaceted illness with no explicit cause. Patients have reported differences in illness onset—some attribute it to different catalysts or to a culmination of factors. We seek to understand these differences in onset by analyzing responses and recording frequencies of perceived causes to ultimately inform ME/CFS etiology.

### **57 Ranking the Community Psychology Research Output of Institutions and Authors**

Lauren Ruesink, DePaul University; Leonard Jason, DePaul University

This study analyzed community psychology publications to develop a system to rank research output. Contributions of the most prolific institutions and authors to top community psychology journals were measured through Web of Science and Scopus. Ranking research competitiveness in this way bolsters community psychology programs.

### **58 Big Five and Community Service: Personality in Community Recovery Housing**

Kelly Maganini, DePaul University; Justin Bell, DePaul University; Leonard Jason, DePaul University

This research evaluates the relationship between the Big Five and community service in substance use recovery. Data for this study was gathered as part of a longitudinal study of Oxford House. No relationship was found between the

Big Five and community service among recovery home residents. Implications are discussed.

### **59 Is Science a “boy thing”? Some girls think so**

Conor Cronin, DePaul University; Safa Asad, DePaul University; Christine Reyna, DePaul University

There is a disparity between boys and girls pursuing STEM. Our research suggests this may be due to gendered stereotypes about science. We found that girls who believed science is “mainly a boy thing” also believed that you have to be really smart to succeed in science.

### **60 The DePaul Symptom Questionnaire Brief: 4 Items to Screen ME/CFS**

Sage Benner, DePaul University; Leonard Jason, DePaul University; Jacob Furst, DePaul University

The DePaul Symptom Questionnaire (DSQ) is a validated instrument with 99 items used to assess symptoms of Myalgic encephalomyelitis (ME) and Chronic Fatigue Syndrome (CFS). Results from Random Forest tests indicate that 4 core items from the DSQ can differentiate those with ME/CFS from healthy controls with over 95% accuracy.

### **61 Exploring arts-based programming for marginalized youth through community collaboration**

Alexandra Barringer, Augustana College; Briana Kunstman, Augustana College

The purpose of this qualitative research study was to explore the benefits of arts-based programming for marginalized youth through a community-school collaboration. An arts program designed and implemented by a local art museum at a public high school was chosen as the site for this case study.

### **62 Community Psychology Students’ Fieldwork Experiences**

Maggie Liepshutz, DePaul University; Ellie Buebendorf, DePaul University; Olya Glantsman, DePaul University; Leonard Jason, DePaul University; Luciano Berardi, DePaul University; Jerry Cleland, DePaul University  
DePaul University’s undergraduate Community Psychology concentration allows students to explore their interests and future career settings through internship opportunities. Fieldwork provides students with the ability to strengthen their professional skills in real-world settings and a chance to observe how the tenants of Community Psychology operate outside of the classroom.

### **63 Student-Athlete Success Outcomes**

Daisy Diaz, Saint Xavier University; Ted Bobak, DePaul University  
Saint Xavier University (SXU) student-athletes face many obstacles throughout their academic/college careers; these obstacles can either hinder or help them with their GPA and graduation rates.

### **64 Intergenerational Trauma and how to help the Afflicted**

Michelle Gonzalez-merino, Michigan School Of Psychology  
From a psychological standpoint, Intergenerational Trauma can cause depression, aggression, anxiety, low self-esteem, suicidal thoughts, and low self-efficacy. Socially, the result of fear and anxiety seeking mental healthcare services without having experienced any direct traumatic experience is uncommon and discouraged in latino communities due to cultural stigma.

### **65 LGBT Support Associated with Increased Social Support in Oxford House Residents in Recovery**

Luis Gomez, Dominican University; Sarah Farhan, University of Chicago; Justin Bell, DePaul University; Leonard Jason, DePaul University  
Social support promotes the well-being and recovery of LGBTQ+ individuals recovering from substance use disorders. We examined the relationship between LGBT house support and overall perceived social support for residents in Oxford House (OH) recovery homes. Acceptance of LGBT identities was positively associated with perceived social support in OHs.

### **66 Assessing symptomatology and functioning between mono and stress-related ME/CFS onsets**

Halli Watts-Rich, DePaul University; Suvetha Ravichandran, DePaul University; Leonard Jason, DePaul University  
The most common onset modes of ME/CFS are stress and mono, and yet fewer studies have examined the differences between their symptomatology and functioning. Thus, the present study aims to determine differences in symptom reporting and functioning between adults reporting mono and stress related ME/CFS onsets.

### **SCRA POSTER WINNER**

#### **67 Kenyan Gay and Bisexual Young Men's Recommendations for HIV Prevention**

Myla Lyons, University of Michigan, Ann Arbor; Gary Harper, University of Michigan School of Public Health; Elijah Ochieng Odhiambo, Salina Youth Initiative; Laura Jadwin-Cakmak, University of Michigan, Ann Arbor; Felix Okuta, Fichua CBO; K. Rivet Amico, University of Michigan, Ann Arbor;

Teddy Aloo, Nyanza Reproductive Health Society; Adrian Beyer, University of Michigan, Ann Arbor; Edwin Gumbe, Nyanza Reproductive Health Society; Kennedy Olango, Men Against Aids Youth Group (MAAYGO); Susan Graham, University of Washington

This qualitative study describes recommendations offered by young gay and bisexual men and other men who have sex with men in Kenya regarding the development and delivery of culturally appropriate HIV prevention services. They suggest programs enhance economic empowerment, provide mental health/substance use services, and incorporate arts-based strategies.

### **68 Exploring How Naturally-Occurring Mentorships Emerge within a Mexican Cultural Context**

Aaron Stewart Baker, National Louis University; Tiffeny R. Jimenez, National Louis University

Natural youth mentorships develop organically outside the construct of programs. Research has demonstrated their positive impact. Little work has been done on the factors that influence their development. This study unpacked this using grounded theory. Findings illuminated three factors that contribute to a state of readiness for natural mentorships.

### **69 Asian College Students Sense of Belonging Before and During COVID-19**

Sydryl Eira Denila, DePaul University; Shaun Bhatia, DePaul University; Olya Glantsman, DePaul University; Luciano Berardi, DePaul University  
Amidst the rise of disparate ethnic mortality due to the COVID-19 pandemic in 2020, racial inequality against Asian Americans became evident in the US. In this study we examined the sense of school membership and racial experience prior to and following the pandemic among Asian college students.

### **70 Fostering Recovery through Community: The Independence Center Clubhouse Model**

Irelan Fricke, Saint Louis University; Paul Handal, Saint Louis University  
The Clubhouse Model is a community-based program that fosters recovery for individuals living with severe mental illness. The Independence Center Clubhouse partnership with Saint Louis University centers on engaging in future research projects to add empirical backing to the efficacy of the Clubhouse Model as a mental health intervention approach.

### **71 Consensus Building Amongst ME/CFS Researchers, Clinicians, Patients, and Activists**

Suvetha Ravichandran, DePaul University; Leonard Jason, DePaul University

This study uses an interdisciplinary approach, seeking the perspectives of patients, physicians, researchers, and patient activists in order to create consensus on important issues influencing ME/CFS research and policy; such as cardinal symptoms necessary for a diagnosis, case definitions for research contexts, exclusionary conditions, and subtypes of ME/CFS.

## **72 Are we deterring Asian-Americans? Providing culturally sensitive mental health care**

Clare Wongwai, Saint Olaf College

This review synthesizes publications that address Asian American mental health care utilization and service provider training and provides recommendations for providers. This review finds that past studies have limited specificity for Asian American subgroups, identifies the lack of tailored cultural awareness training, and synthesizes suggestions that can increase cultural responsiveness.

## **SCRA POSTER WINNER**

### **73 Measuring The Black Church's Interest in Promoting Clinical Trial Participation**

Gina Curry, University of Chicago Cancer Center Hyde Park

Lack of diversity in clinical trials is a social justice issue. Research proves that structural racism is the culprit. This presentation reviews research used to assess how established community trust and social justice mission of the Black church can be leveraged to increase African American participation in clinical trials.

## **SCRA Symposium**

### **Understanding stigma among mothers who experienced homelessness: An empowerment perspective**

Fri 11:00AM - 12:00PM

Madison

Ann Smith, National Louis University

The effect of homelessness is devastating and challenging, particularly for single women with children. Many women with children who experience homelessness face significant stigma barriers. To build new community futures, the presenter leveraged the values of community psychology in raising the voices of women most directly impacted by the



**SCRA Roundtable**  
**Chicago Anti-Recidivism (CAR) Model: Collaborating for Social Change and Empowerment**

Fri 11:30AM - 12:30PM

Salon 02

Tonya Hall, Chicago State University; Martha Williams, Retired from Chicago Public Schools; Shaun Bhatia, DePaul University; Charles Hardwick, Howard Area/CSAC North; Shirlyn Garrett, Chicago State University

This roundtable will highlight the Chicago Anti-Recidivism (CAR), a reentry research model, which is designed to reduce recidivism rates of adults returning to communities via enhanced empowerment and collaborations.

**SCRA Roundtable**

**Utilizing Restorative Practices to Improve Organizational Well-Being**

Fri 11:30AM - 12:30PM

Cresthill

Celeste Jackson, National Louis University; Stephen Jackson, National Louis University

Restorative Practices are an evidenced based methodology that involves amplifying relationships and engagement to promote positive outcomes. With any organization, agency, community or group of people, collaboration amongst individuals is inevitable. We will explore the basic components of utilizing restorative practices to guide team building, support task completion and address conflict.

**SCRA Symposium**

**We're all in this together: A humanistic model of PTSD**

Fri 1:00PM - 2:00PM

Madison

Alexander Carli, DePaul University; Brandon Isler, DePaul University; James Noak, DePaul University; Kathryn Grant, DePaul University

Those with developmental disabilities fight for their lives & experience PTSD at a disproportionate rate, especially those at risk of institutionalization.

Drawing connections between neurological descriptions of trauma and its behavioral symptoms across multiple populations & treatment modalities can allow for a broader, more fundamental understanding of the condition.

## SCRA Roundtable

Fri 1:00PM - 2:00PM

Cresthill

### **Enhancing Racial Equity and a Sense of Belonging in a Chicago Community**

Shanya Gray, National Louis University

This presentation will feature a community practitioner who will share how engaging thousands of community members, forming an anti-racist moms' group and creating a successful, annual, community Juneteenth family festival has brought a diverse, community closer toward racial equity and a greater sense of belonging.

## SCRA Roundtables V

Fri 1:00PM - 3:00PM

Indiana

### **1:00 An Examination of Social Justice Practices in Counseling Psychologies**

Nicholas Carter, National-Louis University; Ray Legler, National Louis University

The current study explores how active professionals who provide counseling or therapeutic services integrate social justice practices into their work. Quantitative data were collected from 55 social workers, licensed therapists, clinical psychologists, and others whose formal education allow them to provide counseling services.

### **2:00 Enabling Peer Feedback: The Right Way, At the Right Time!**

Carine Murette, Kritik Education, Kritik.io; Peter Koutroumpis, North Carolina State University

As educational institutes move toward digital learning, they are now focusing more and more on producing quality content for learners and educators. The scope of this presentation is to demonstrate how peer assessment can ensure quality metrics with a case study using Quality Matters (QM) principles.

## SCRA Roundtables VI

Fri 1:00PM - 3:00PM

Kimball

### **1:00 Exploring the First-Generation Experience from Undergraduate through Graduate School**

Brianna Mabie, DePaul University; Yesenia Garcia, DePaul University; Paola

Sepulveda, University of Illinois at Chicago; Breanna Billups, DePaul University; Lidia Monjaras, DePaul University

This roundtable will present an overview of the different research projects being conducted on understanding the experiences of first-generation students at various levels of education in order to foster discussion on ways to improve their experiences, especially given the pandemic.

### **2:00 Community and Academic Responses to Stigma rooted in Carceral Systems**

Modena Stinnette, National Louis University; Ray Legler, National Louis University; Eddie Phillips

Carceral systems perpetuate the external and internal stigma that results in lower quality of life issues for this population. This roundtable discussion will look at how stigma is embedded in our community, higher education, legislative practices, and policies.

## **SCRA Roundtables VII**

Fri 1:00PM - 3:00PM

Logan

### **1:00 Exploring Resistance to Racial Equity in Public Safety Policy**

Lauretta Omale, National Louis University; Kanyshai Saiabaekeva, National Louis University; Raphael Kasobel, National Louis University; Titiayo Ogunbambi, National Louis University; Jaimelee Behrendt-Mihalski, National Louis University; Ericka Mingo, National Louis University; Judah J. Viola, National Louis University

Our presentation will focus on past events influencing current developments in public safety policy, potential outcomes of equity-related reforms, and the preliminary results of a study examining resistance to equity reforms. We will facilitate conversations on policy change, studying resistant groups, and find ways to overcome resistance to equity measures.

### **2:00 Feminism in the Field, Literally: Female Veterans' Service, Struggles & Successes**

Brandon Isler, DePaul University; Imani Todd, DePaul University; James Noak, DePaul University; Armando Mateo-Cortez, DePaul University; Martha Manzo, DePaul University; Emily Siefken, DePaul University; Becki Moore, DePaul University; Kathryn Grant, DePaul University

The US Military is patriarchal to the core. Despite serving in the same capacity as their lionized male brethren since 1943, the Glass Ceiling remains Bulletproof. Three former career Female Veterans will explain their personal

struggles and successes before offering advice to the next generation of Feminists across all fields.

### **SCRA Symposium**

#### **Refugee Action Network Community Educational Gathering: How can psychological science/assessment/tools aid direct services providers in the fight against immigrants (in)justice**

Fri 2:00PM - 3:45PM

Madison

Moshood Olanrewaju, SCRA Regional Network Coordinator; Jim Porter, Board President, Refugee Action Network; Sara Buckingham, University of Alaska Anchorage, SCRA Immigrant Justice Group; Brad Olson, National Louis University; Shannon Ericson, Heartland Health, RAN Member; Kathleen Arnold, DePaul University, RAN member; Ashley Marine, Grilforward, RAN Member; Suzanne Akhras Sahloul, Syrian Community Network (SCN), RAN Member; Fasika Alem, United African Organization, RAN Member; Sarah Pajeau, Rohingya Culture Center, RAN Member; Maya Oyarbide-Sanchez, LCPC, RefugeeOne; Monica Indart, Rutgers University

It is a dangerous time. A time to think through the implication of global immigration policies. Adopting a critical realism stance, migrant sustainability within integrated communities embodies a set of complexly difficult processes. Many of the corresponding efforts are reactive instead of proactive. In a sense, immigration politics deals with multiple victims blaming cards manifested through mercenaries of modern power, how, if anyway, can psychological sciences/assessment/tools inform best practice, and what might such practice look like at the community-level for service providers searching for migratory justice? For instance, migration from one country to another is not a recent phenomenon bussing migrants from one US state to another is, this issue has received increased attention due to the constraint it placed on localized resources including service providers' efforts to provide reactive services. With this hybrid session, we will discuss the roles psychology(ist) can play to help set the agenda for best practices in proactive interventions. Possible actions to ensure that psychological knowledge does not end up on the literature/knowledge shelf. We will reflect on the risk and benefits of pursuing one course of action over another and the multiple ways theoretical sophistication must be followed by action to make a reflective impact.

This session is designed to convene change agents, community members, scholar-activists, grassroots organizations, humanitarian professionals, humanist educators, government executives, philanthropists, and civil

society. The discussion will be led by the members of the Refugee Action Network coalition and SCRA Immigrant Justice Groups members.

**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 [olaolamoshood@yahoo.com](mailto:olaolamoshood@yahoo.com).

Friday, April 21<sup>st</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**

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**Psi Chi Poster Session I: Social Psychology I**

Thu 8:00AM - 8:40AM

Exhibit Hall

**1 Bisexual men's explanations for substance use disparities in their community**

Helena Blumenau, Lake Forest College; Emily Ernst, St. Catherine University; Brian Feinstein, Rosalind Franklin University (Brian Feinstein, Faculty Sponsor)

**2 What do bisexual, pansexual, and queer (bi+) young men wish they had learned about alcohol and drug use when they were younger? A qualitative study**

Emily Ernst, St. Catherine University; Helena Blumenau, Lake Forest College; Brian Feinstein, Rosalind Franklin University (Brian Feinstein, Faculty Sponsor)

**3 Intolerance of uncertainty's influence on male and female college students' anxiety levels**

Aubrianna Doe, Texas Tech University; Allyson Schmitt, Texas Tech University; Alexandra Bradshaw, Texas Tech University; Espn Curiel, Texas Tech University; Joshua Brown, University of Wisconsin-Madison; Zachary Hohman, Texas Tech University (Zachary Hohman, Faculty Sponsor)

**4 Intolerance of uncertainty's effect on racially and/or ethnically minoritized students' university identification**

Espn Curiel, Texas Tech University; Matthew Mcmenaman, Texas Tech University; Aubrianna Doe, Texas Tech University; Joshua Brown, University of Wisconsin-Madison; Zachary Hohman, Texas Tech University (Zachary Hohman, Faculty Sponsor)

**5 Birth order, family size, and anxiety in adolescents**

Sarah Fisher, Ashland University; Diane Bonfiglio, Ashland University (Diane Bonfiglio, Faculty Sponsor)

**6 We're all in this together: Social support and belongingness on a college campus**

Ava Tollas, University of Wisconsin- La Crosse (Berna Gercek Swing, Faculty Sponsor)

**7 A brave new world: the effects of online in-group discussion on anti-social responses to ostracism**

Scout Braxton, Purdue University; Kipling Williams, Purdue University (Kipling Williams, Faculty Sponsor)

**8 Sportsmanship in team sports**

Lauren MacLean, Gustavus Adolphus College (Grace Dyrud, Faculty Sponsor)

**9 Demystify lithromanticism: fear of reciprocation in romantic relationships**

ShiJie Xu, Kenyon College (Sarah Murnen, Faculty Sponsor)

**10 Perception of women and likelihood for reporting sexual harassment**

Anna Roewe, University of Wisconsin La Crosse (Jason Sumontha, Faculty Sponsor)

**11 The power of video to change minds about autism: Replicating Bast et al. (2020)**

Corey Lang, Dominican University (Dr. Tracy Caldwell, Faculty Sponsor)

**12 Does this picture make me look too much like my actual self? The psychological effects of photo editing**

Piper Clark, The Ohio State University (Bradley M. Okdie, Faculty Sponsor)

**13 The customer is always right: an examination of customer interaction, job satisfaction, and personality**

Jordan Pearsall, Murray State University; Sean Rife, Murray State University (Sean Rife, Faculty Sponsor)

**14 COVID-19 isolation and marital relationships: How does stress and worry impact outlooks on marriage?**

Grace Bradley, University of Notre Dame; Niccole Nelson, University of Notre Dame; Cindy Bergeman, University of Notre Dame (Cindy Bergeman, Niccole Nelson, Faculty Sponsor)

**15 Exploring the interaction of race and agreeableness in helping**  
Chinelo Nnatubeugo, Purdue University; William G. Graziano, Purdue University; Regina Henares, Purdue University (Dr. William Graziano, Faculty Sponsor)

**16 Seeing faces: How self-construal influences anthropomorphism**  
Myah Kannout, DePaul University; Nazia Khan, DePaul University (Ralph Erber, Faculty Sponsor)

**17 Restlessness versus reappraisal: Can changing your mindset alleviate test anxiety?**  
Hannah DiSilverio, Dominican University (Tracy Caldwell, Persis Driver, Anthony Krafnick, Faculty Sponsor)

**18 Assessing a mindfulness-based intervention on smartphone use**  
Jaden Stanelle, University of Wisconsin - La Crosse; Ryan McKelley, University of Wisconsin - La Crosse (Ryan McKelley, Faculty Sponsor)

**19 Who asks for help? Examining factors related to academic help-seeking among university students**  
Jessica Sumrow, Lewis University; Philip Blankenship, Lewis University (Philip Blankenship, Faculty Sponsor)

**20 Exposure to images on social media: The effects of edited and unedited photos women's physical and psychological health**  
Emma Jury, Xavier University; Elizabeth D'Arpa, Xavier University; Josh Maurillo, Xavier University; Jon Miller, Xavier University (Tammy Sonnentag, Kyle Stephenson, Faculty Sponsor)

**21 Perceptions of outing**  
Trinity Zweifel, Saint Louis University; Ruth Warner, Saint Louis University Department of Psychology; Hailey Hatch, Saint Louis University; Margaret Grundy, Saint Louis University (Ruth Warner, Faculty Sponsor)

**22 I am iPhone: How cellphones are central to social identities**  
Luis Gomez, Dominican University (Tracy Caldwell, Faculty Sponsor)



**23 Effects of perceived agreement with God on attitude strength and behavioral intentions**

Gunnar Murray, The Ohio State University; Joe Siev, The Ohio State University (Duane Wegener, Faculty Sponsor)

**24 Role of self-affirmations to improve women's well-being when selfies cannot be edited for social media**

Sarah Rosca, Xavier University; Taylor Bowman, Xavier University; Ashley Bucher, Xavier University (Tammy Sonnentag, Christian End, Faculty Sponsor)

**25 Just my luck: life after trauma and comparative pessimistic outlooks**

Amber Efthemiou, Oakland University; Taylor Elam, Oakland University; Kanako Taku, Oakland University (Kanako Taku, Faculty Sponsor)

**26 I don't have to tell you that: Correlates of deception rule endorsement**

Lauren Whitfill, Murray State University (Jana Hackathorn, Faculty Sponsor)

**27 College students' perceptions of psychological intimate partner violence**

Makenna Hall, Central College (Randall A. Renstrom, Faculty Sponsor)

**28 Personality, comparison, and judgment**

Clare Krzykala, University of Toledo; Jason Rose, University of Toledo (Dr. Jason Rose, Faculty Sponsor)

**29 Honor Endorsement and Shame; Investigating People's Secret Experience**

Sirius Xaedax-Stanley, Iowa State University (Susan Cross, Faculty Sponsor)

**30 Mock juror perceptions of guilt based on defendant race and gender**

Kelsea Hurley, Central College (Randall A. Renstrom, Faculty Sponsor)

**31 The tickle monster: an analysis on how control, dominance, sadism, & comfort with interpersonal touch are predictors of receptiveness towards the intimate act of tickling**

Keely Watkins, Millikin University (Melissa Scircle, Faculty Sponsor)

**32 Unintended consequences? An experimental investigation of the impact of zoo animal handling style on children's conservation attitudes.**

Sean Palmer, Otterbein University; Michele Acker, Otterbein University;

Anna Young, Living Desert Zoo and Gardens (Anna Young, Michelle Acker,, Faculty Sponsor)

**33 Rational Love: How personality types can influence conflict resolution**

Rachel Beckmann, Governors State University; Sarah Solon, Governors State University (Alli Cipra, Faculty Sponsor)

**34 Exploring preferences of and hindrances to americans' climate change beliefs**

Christopher Hartley, Kansas State University; Nicholas Gallivan, Kansas State University; Laura Brannon, Kansas State University (Laura A. Brannon, PhD, Faculty Sponsor)

**35 The effect of parenting style and narcissism on gender identity acceptance**

Gabrielle Kimm, Central College (Shelby Messerschmitt-Coen, Faculty Sponsor)

**36 To help or not to help: empathy and effort required**

Tori Wells, Murray State University (Jana Hackathorn, Faculty Sponsor)

**37 Corporal punishment experience and its impact on well-being, endorsement, and social justification beliefs**

Beatrice Antonenko, Saint Louis University; Thomas DeRossett, Saint Louis University (Thomas DeRossett, Faculty Sponsor)

**38 Effects of social norms on altruism: A preregistered replication and extension examining the role of reputational concerns**

Anna Snyder, Xavier University (Tammy Sonntagag, Faculty Sponsor)

**39 Racism and fatphobia and how it affects black women in larger bodies**

Tiffany Stewart, Miami University; McKenna Ackon, Miami University (Vaishali Raval, Faculty Sponsor)

**40 Influencers who follow controversial groups risk losing their audience**

Kacie Andrews, Kansas State University (Angela Rose, Dr. Laura Brannon, Faculty Sponsor)

**41 The associations among relationship style, emotion regulation and recognition, and willingness to seek counseling**

Stephanie Carey, South Dakota State University (Pirita See, Faculty Sponsor)

**42 The effects of the past engagement and LGBTQ+ prejudice on future intention to engage in the LGBTQ+ community.**

Anna Haas, Southern Illinois University Edwardsville; Mitsuru Shimizu, Southern Illinois University Edwardsville (Mitsuru Shimizu, Faculty Sponsor)

**43 Religiosity as a moderator of infidelity in dark triad women**

Sophia Domanik, Otterbein University; Noam Shpancer, Otterbein University (Noam Shpancer, Faculty Sponsor)

**44 Barriers women face in STEM and the C-suite**

Prudence Barajas-Rodriguez, Roosevelt University (Jill Coleman, Faculty Sponsor)

**45 COVID-19 Pandemic: anger, xenophobia, and health anxiety of outgroup members**

Isabelle Teasel, Oakland University; Paxton Hicks, Oakland University; Kanako Taku, Oakland University (Kanako Taku, Faculty Sponsor)

**46 Effects of gender on xenophobia and discrimination during the COVID-19 Pandemic**

Isabelle Teasel, Oakland University; Lewis Luttrell, Oakland University; Kanako Taku, Oakland University (Kanako Taku, Faculty Sponsor)

**47 The impact that loneliness, social comparison, and social support have on stress levels.**

Grace Mitchell, University of Wisconsin,-River Falls; Rosemarie Then, University of Wisconsin- River Falls (Melanie Ayres, Faculty Sponsor)

**48 Looking back to look ahead: socializing practices, tolerance, and life-satisfaction among Emerging Adults**

Jameala Thomas-Jones, Webster University (Eric Goedereis, Faculty Sponsor)

**49 Perceptions of women based on body dissatisfaction approaches**

Yuqi Zheng, Kenyon College; Lee Nah, Kenyon College; Kate Goldberg, Kenyon College; Yanying Li, Kenyon College; Jacqueline McKeown, Kenyon College (Sarah K. Murnen, Faculty Sponsor)

**50 Police expertise in use-of-force rapid decision-making**

Ceanna Loberg, Lake Forest College; Amelie Motzer, Lake Forest College; Wiktorija Pedryc, Lake Forest College; Matías Fonolla, Lake Forest College;

Nilufar Imomdodova, Lake Forest College; Lauren Wright, Lake Forest College; Zuzana Smilnakova, Lake Forest College; Xianru Yu, Lake Forest College; Isabel Krupica, Lake Forest College; Sophie Rasof, Lake Forest College; Esther DeCero, Lake Forest College; Xinyu Wang, Lake Forest College; Katie Miller, Lake Forest College;Carolynn Boatfield, Lake Forest College; Vivian Ta, Lake Forest College (Vivian Ta-Johnson, Faculty Sponsor)

**51 Mindgames: The psychology of sports intimidation**

Kaitlyn Palmer, Lewis University; Constance Senese, Lewis University; Philip Blankenship, Lewis University (Dr. Philip Blankenship, Faculty Sponsor)

**52 Media consumption habits & belief in a just world**

Emma Arlt, University of Wisconsin-Stout; Callie Woller, University of Wisconsin-Stout; Eve Folstad, University of Wisconsin-Stout; Jennifer Plier, University of Wisconsin-Stout; Daryl Green, University of Wisconsin-Stout (Sarah Wood, Faculty Sponsor)

**53 How queerness and involuntary isolation due to COVID-19 impact resiliency in college students**

Lilly Bracy, Central College (Shelby Messerschmitt-Coen, Faculty Sponsor)

**54 Dress for success? An examination of how skin tone, job title, and attire can alter perceptions of women's work place competence.**

Diana Valencia, Benedictine University; Mariam Ahmad, Benedictine University; Choudhury Sarah, Benedictine University (James Davis, Or'Shaundra Benson, Faculty Sponsor)

**55 Self-evaluation maintenance model in interest and relationship development**

Madison Waise, Saint Norbert College (Danielle Geerling, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**56 Fictional Media and its Impact on LGBTQ+ Identity Development -**

Emily Hathcock, Baldwin Wallace University (Stephanie Rothman, Faculty Sponsor)

The present study was conducted to examine how LGBTQ+ identity development was impacted by fictional media. After qualitative coding, thirteen overarching themes were identified between the participants. The findings indicate that without positive and supportive relationships, some

LGBTQ+ individuals may turn to fictional characters to develop their identity.

**57 Examining resilience in BIPOC versus non-BIPOC individuals and its role in buffering Covid-19 anxiety and stress**

Nada Hussein, University of Windsor; Catherine Kwantes, University of Windsor (Catherine Kwantes, Faculty Sponsor)

**58 Internalizing Symptoms in Previously Bullied Students with Varying Familial Support**

Brianna Kroll, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

**59 An epidemic of misinformation: the relationship between conspiracy belief and trust in the COVID-19 vaccine**

Natalie Safo, Oakland University; Kaylie Williams, Oakland University; Kanako Taku, Oakland University (Kanako Taku, Faculty Sponsor)

**60 The effect of warning on the continued influence of misinformation**

Yumeng Wang, The Ohio State University; Duane T. Wegener, The Ohio State University; Mark Susmann, The Ohio State University (Duane Wegener, Mark Susmann, Faculty Sponsor)

**61 The impact of peer mentorship on the retention of BIPOC and White undergraduate students**

Christopher White, Pacific University Oregon/College of Health Professions/Graduate Student in the Applied Psychological Sciences Program; Jane Tram, Pacific University Oregon/College of Health Professions/Professor, Applied Psychological Sciences (Jane Tram, Faculty Sponsor)

**62 Examining predictors of academic performance amongst ESL middle school students**

Joseph Lampton, Indiana University Purdue University-Columbus (Kimdy Le, Faculty Sponsor)

**63 Female research psychologists report more study limitations than men: More evidence for gender differences in academia**

Cynthia Beauvais, Central Michigan University; Lily McLean, Central Michigan University; Miranda Schomberg, Central Michigan University; (Debra Poole, Faculty Sponsor)

**64 Effects of gender and agency on rental decisions to ex-offenders**

Alaina Gerdes, Simpson College (Brian Smith, Faculty Sponsor)

**65 Monstrous fantasy vs. humanizing reality: Mental health representations in video games**

Drake Nuzzo, University of Wisconsin - Stout; Chelsea Lovejoy, University of Wisconsin - Stout; Jacob Reid, University of Wisconsin - Stout; Jillian Chaltry, University of Wisconsin - Stout; Emma Brittingham, University of Wisconsin - Stout; Tyler Crotteau, University of Wisconsin - Stout; Christina Shane-Simpson, University of Wisconsin Stout (Chelsea Lovejoy, Faculty Sponsor)

**66 Racial disparities in the Berrien County criminal legal system**

Irina Gagi, Andrews University (Kristen Witzel, Harvey Burnett, Faculty Sponsor)

**67 Friendship is power: Exploring factors associated with friendship quality**

Jafer Alkalaf, Southern Illinois University Edwardsville; Hailee O'Dell, Southern Illinois University- Edwardsville; Zebulon Zeigler, Southern Illinois University Edwardsville; Hannah Shaw, Southern Illinois University- Edwardsville (Dr. Ro, Faculty Sponsor)

**68 The impact of gender and job type on perception of creativity**

Jaeni Sprague, Central College; Cameron Bannister, Central College; Devyn Switzer, Central College (Ashley Scolaro, Faculty Sponsor)

**69 Native American identity, acculturation, & existential isolation**

Rebecca Ferguson, University of Missouri- Columbia; Jamie Arndt, University of Missouri - Columbia; Megan Edwards, University of Missouri, Columbia; Madhwa Galgali, Cleveland State University; Peter Helm, University of Missouri-Columbia; Tyler Jimenez, University of Missouri (Megan Edwards, Faculty Sponsor)

**70 The effects of extracurricular involvement, attachment style, and loneliness on homesickness: An examination of homesickness**

Nicole Grames, Maryville University of Saint Louis (Dustin Nadler, Faculty Sponsor)

**71 The impact of sleep on academic performance and motivation in college students**

Lindsey Holtman, Maryville University (Dustin Nadler, Faculty Sponsor)

**72 Empathy circles for all: Pilot testing the efficacy of a social empathy intervention for individuals with varying levels of social anxiety and introversion**

Chad Brewer, University of Wisconsin - Green Bay; Alissondra Quatsoe, University of Wisconsin, Green Bay (Alison Jane Martingano, Faculty Sponsor)

**73 Self-worth and mindset's link to academic performance, mental health and behavior**

Juliet Burlew, Maryville University; Casie Cullinane, Maryville University; Elaina Lunyou, Maryville University (Dustin Nadler, Faculty Sponsor)

**74 Education, media usage, and misconceptions within psychology**

Casie Cullinane, Maryville University (Dustin Nadler, Faculty Sponsor)

**75 The effect of sex education on pornography consumption in emerging adulthood**

Stephanie Felland, University of Wisconsin - Green Bay (Jason Cowell, Christine Smith, Faculty Sponsor)

**76 Truly ambiguous loss? Loss of expectation and its correlates in parents of transgender children.**

Emily Kemp, Millikin University; Cyla Vos, Millikin University; Keely Watkins, Millikin University; Avery Smith, Millikin University; Victoria Villagomez, Millikin University; Melissa Scircle, Millikin University (Dr. Melissa Scircle, Faculty Sponsor)

**77 Linguistic markers of the dark triad: A systematic review**

Amelie Motzer, Lake Forest College; Vivian Ta, Lake Forest College (Vivian Ta-Johnson, Faculty Sponsor)

**78 Protect your GPA from COVID-19: The power of grit and resilience**

Douglas Wilson, University of Wisconsin-Stout (Kathryn L. Hamilton, Faculty Sponsor)

**79 The effects of context and perspective on moral judgment**

Duc Minh Hoang Nguyen, Truman State University; Kristen Sneed, Truman State University (Robert Tigner, Faculty Sponsor)

**80 Documentation status, minoritized identities, and psychological outcomes in college students**

Anthony Saavedra, Illinois State University; Eric Wesselmann, Illinois State

University; Eros DeSouza, Illinois State University (Eric D. Wesselmann;  
Eros R. DeSouza, Faculty Sponsor)

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## Psi Chi Symposium I

Thu 8:30AM - 9:20AM


Salon 02

### **8:30 Get to Know the GRE General Test and Services**

Chad Muse, Educational Testing Service; Jim Albertone, Educational Testing Service

This presentation will offer information about the GRE® testing program, services and resources for test takers. This session will include tips on how to register, how to qualify for our fee reduction program, and strategies to use for success on the test. All participants will also receive a discount code for the GRE® at the end of the session.

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## Psi Chi Poster Session II: IO, Health, Positive Psychology

Thu 8:45AM - 9:25AM

Exhibit Hall

### **1 A comparison of outcomes: The utility of mobile phone mindfulness meditation versus traditional relaxation approaches for decreasing stress and enhancing HRV among undergraduates**

Sam Degenhard, Otterbein University (Denise Hatter-Fisher, Faculty Sponsor)

### **2 How does placebo education reduce placebo side effects?**

Kim Görner, University of Toledo; Loren Taylor, University of Toledo; Emily Spotts, The University of Toledo; Michael Vang, University of Toledo; Andrew L. Geers, University of Toledo (Andrew L. Geers, Faculty Sponsor)

### **3 Pump it up: Body esteem and exercise**

Nathaniel Paredes, Murray State University (Amanda Joyce, Faculty Sponsor)

### **4 The Effects of Basic Needs on Providing Choices and Promoting Fruit and Vegetable Intake**



Bryana Vondran, Southern Illinois University Edwardsville (Mitsuru Shimizu, Faculty Sponsor)

**5 Relationships between intended career fields and dietary and physical activity patterns in university students**

Sai Medavaka, Southern Illinois University Edwardsville (Laura Pawlow, Faculty Sponsor)

**6 Sleep quality and alcohol-use in relation to mood and mental health**

Sarah Hornacek, Augustana College (Daniel Corts, Faculty Sponsor)

**7 Predicting self-rated health among college students: Evaluating the impact of general stress, COVID-specific stress, and mindfulness**

Sujata Baral, The Ohio State University at Newark; Madison Roth, The Ohio State University at Newark; Jennifer Kowalsky, The Ohio State University at Newark (Jennifer M. Kowalsky, Faculty Sponsor)

**8 Exploring the relationship between social support and anxiety in cancer patients during and after treatment**

Alexandra Arber, Carthage College (Nora McLean, Faculty Sponsor)

**9 Depressive symptoms and treatment adherence in three medical samples: The moderating role of hopefulness**

Enrique Jimenez, Loyola University Chicago (Byron Brooks, Faculty Sponsor)

**10 Trends in substance initiation at a prohibitionist religious university compared to national data**

Samuel Namkung, Andrews University (Herbert W. Helm, Duane McBride, Faculty Sponsor)

**11 The roles of academic motivation, procrastination, and stress on life-satisfaction in college students**

Ashleonia Coleman, Maryville University (Julia D. Grant, Faculty Sponsor)

**12 Does region of birth relate to contraception?**

Amber Jiang, Cleveland State University (Elizabeth A. Goncy, Faculty Sponsor)

**13 Athlete-Coach relationship and symptoms of stress, anxiety, and depression**

Erin Greschner, University of Wisconsin-La Crosse; Alessandro Quartirolì, UW - La Crosse (Alessandro Quartirolì, Faculty Sponsor)

**14 Religiosity Impact on Cervical Cancer Screening among Hispanic Women**

Ashley Benito Lezameta, Marquette University; Sylvia Peña, Marquette University (Sylvia Peña, Faculty Sponsor)

**15 The relationship between body image and eating habits in college students.**

Adam Bubelenyi, Manchester University; Emerald Barbee, Manchester University; Alexandra Oden, Manchester University (Marcie Coulter-kern, Faculty Sponsor)

**16 Traversing privilege and oppression: who can afford to be risky?**

Melissa Henry, Southern Illinois University Edwardsville; Jonathan Pettibone, Southern Illinois University Edwardsville (Jonathan Pettibone, Faculty Sponsor)

**17 Emotional eating: Correlational research between obesity and mental health**

Bailey Houston, Buena Vista University; Kimberlee Gallaher, Buena Vista University; Austin Kepple, Buena Vista University; Emanuel Alaniz, Buena Vista University; Steven Beckwith, Buena Vista University (S. Wesley Beckwith, Faculty Sponsor)

**18 Relationship between perfectionism, overall wellbeing, and biological sex.**

Rylynn Gilmore, Buena Vista University; Kristen Davis, Buena Vista University; Lea Pederson, Buena Vista University; Isaiah Adams, Buena Vista University; Hannah Smith, Buena Vista University; Steven Beckwith, Buena Vista University; Mindy Graham-Hinners, Buena Vista University (S. Wesley Beckwith, Mindy Graham-Hinners, Faculty Sponsor)

**19 Relationship between perfectionism and well-being in college sports**

Hannah Smith, Buena Vista University; Lea Pederson, Buena Vista University; Isaiah Adams, Buena Vista University; Kristen Davis, Buena Vista University; Rylynn Gilmore, Buena Vista University; Steven Beckwith, Buena Vista University; Mindy Graham-Hinners, Buena Vista University (S. Wesley Beckwith, Mindy Graham-Hinners, Faculty Sponsor)

## **20 Sex Education and the Impacts it has on Sexual Health**

Giselle Nunez, University of Wisconsin River-Falls (Melanie Ayres, Faculty Sponsor)

## **21 The relationships among self-objectification, exercise, body satisfaction, and muscle dysmorphia**

Cora Holland, Wartburg College (Dr. Cynthia Bane, Faculty Sponsor)

## **22 Covid consciousness and negative associations with sleep health and socialization**

Cameron Houck, Hope College; Sacia Gilbertson, Hope College; Alyssa Cheadle, Hope College; Andrew Gall, Hope College (Andrew Gall, Alyssa Cheadle, Faculty Sponsor)

## **PSI CHI AWARD WINNER**

## **23 Effects of Lavender and Expectations About Lavender on Heart Rate and State Anxiety**

Hope Krieger, Mount Saint Joseph University (Tim Lawson, Faculty Sponsor)

I examined the effects of lavender and expectations about those effects on students' heart rate and anxiety prior to an exam. Results indicated no significant effect of expectation or of lavender scent on anxiety or heart rate. These results are consistent with previous research suggesting that aromatherapy is a pseudoscience.

## **24 Can self-compassion improve healthy dieting intentions?**

Donni Kinghorn, Simpson College (Sal Meyers, Faculty Sponsor)

## **25 Condoms or clinic?: Assertiveness and heteronormativity as predictors of sexual health**

Zoe Sweaney, Lindenwood University (Stephanie Afful, Faculty Sponsor)

## **26 Racial trauma: A meta-analysis of radical healing within Black persons**

Jadis Mirza, Dominican University; Kevin Moore, Dominican University; Kendi Mora, Dominican University; Robert Baker, Dominican University (Dr. Sofia Duffy, Faculty Sponsor)

## **27 The influence of social network drinking behavior and a family history of problematic drinking on alcohol involvement in underage, emerging-adult drinkers**

Ian Flowers, University of Missouri - Columbia; Sandie Keerstock,

University of Missouri - Columbia; Paul Brancaleone, University of Missouri - Columbia; Roberto Cofresi, University of Missouri-Columbia; Bruce Bartholow, University of Missouri-Columbia (Bruce Bartholow, Faculty Sponsor)

**28 Intersectionality of diabetes-related stigma and obesity stigma**

Austa Schley, Bradley University (Dawn Roberts, Faculty Sponsor)

**29 Attributions for Abstinence from Opioids**

Carly Boens, Loras College; Abigail Eriksen, Loras College (Kirstin Lauritsen, Faculty Sponsor)

**30 The Impact of HealthRHYTHMS® Interventions for Slippery Rock University Pre-Professional Students**

Jesse Kaufman, Slippery Rock University of Pennsylvania (Jennifer Willford, Faculty Sponsor)

**31 Gain-Loss Framing Effect on The Importance of Breastfeeding Programs**

Shruti Belitkar, Earlham College (Dr. Kyle Henning, Dr. Maggie Thomas, Faculty Sponsor)

**32 Comparing the effects of box breathing to a mental focus task on reducing heart rate after an acute stressor**

Riley Tollefsrud, University of Minnesota Morris; Dev Tibbets, University of Minnesota Morris (Kerry Michael, Faculty Sponsor)

**33 Conceptualizing hope as a virtue**

Isabella Musherure, Hope College; Esther Turahirwa, Hope College (Kendra Thomas, Faculty Sponsor)

**34 The subclinical effects of the covid-19 pandemic on women in mid-adulthood**

Cali Carlson, Dominican University (Anthony Krafnick, Faculty Sponsor)

**35 Impact of colored noise on the acute stress response**

Gillian Orth, University of Minnesota Morris; Abigail Thompson, University of Minnesota Morris (Kerry Michael, Faculty Sponsor)

**36 The Progression of Student Mental Health Throughout an Academic Year**

Maggie Warring, Bemidji State University; Christian Sipe, Bemidji State

University; Tanya Mickolio, Bemidji State University; Kasey Bertlesen, Bemidji State University (Julian Licata, Russell Dahlke, Travis Ricks, Faculty Sponsor)

**37 The Effect of Mindfulness Meditation on the Intolerance of Uncertainty, Adult Attachment Styles, and Anxiety Symptoms**

Thu Nguyen, Knox College (Andy Hertel, Faculty Sponsor)

**38 Is body modification related to deliberate self-harm? A meta-analytic review**

Marie Hosep, Grand Valley State University; Naomi Aldrich, Grand Valley State University (Naomi J. Aldrich, Faculty Sponsor)

**39 The impact of exercise cessation on mood, body image, and nutrition**

Emily Kern, Saint Mary's University of Minnesota (Molly O'Connor, Faculty Sponsor)

**40 The invasive workplace: Obsessive-compulsive personality traits and work-related technology use**

Benjamin Poag, University of Notre Dame; Lee Anna Clark, University of Notre Dame (Lee Anna Clark, Faculty Sponsor)

**41 Don't sleep on it: College student sleep health and hygiene**

Jeff Foster, Centre College; Christina Jeffers, Centre College; Spencer Berry, Centre College (Drew Morris, Faculty Sponsor)

**42 A sensory and functional communication intervention for students with sensory processing disorder**

Halle Borree, Carthage College (Dennis Munk, Faculty Sponsor)

**43 Age and technological mistakes in a virtual job interview**

Kelly Cruise, Southern Illinois University Edwardsville (Jonathon Pettibone, Faculty Sponsor)

**44 Worker experience during the Covid-19 pandemic**

Nathan Behrens, Luther College; Justin Sprung, Luther College (Justin Sprung, Faculty Sponsor)

**45 LGBTQ+ diversity cues in recruitment: Effects on inclusivity perceptions and organizational attractiveness**

Gavan Oxford-Lannholm, DePaul University; Jessica Chackoria, DePaul

University; Jane A. Halpert, DePaul University (Jane Halpert, Faculty Sponsor)

**46 The role of polygraph "lie detection" in false confessions**

Natalia Castillo, Augsburg University; Ben Denkinger, Augsburg University; Henry Yoon, Augsburg University (Ben Denkinger, Henry Yoon, Faculty Sponsor)

**47 Feedback sign, mindset, affect, and self-efficacy: test of a mediated model.**

Josie Koubek, University of Nebraska at Kearney; Chris Waples, University of Nebraska at Kearney (Christopher Waples, Faculty Sponsor)

**48 Igniting change**

Molly Leyden, Hope College; Llana Chavis, Hope College (Llana Chavis, Faculty Sponsor)

**49 How Emotional States Impact Focus: A Multi-phase Study on Deep Work**

Isabella Gregory, Manchester University; Valeria Acosta, Manchester University; James Corgan, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

**50 Conditions When In-Group Favoritism Actually Reverses**

DeNae Bube, University of Wisconsin Green Bay; Cleopatra Opoku-Owusu, University of Wisconsin-Green Bay; Farhiya Muhidin, university of Wisconsin Green Bay; Harrison Thiry, University of Wisconsin-Green Bay; Megan Dobner, University of Wisconsin Green Bay; Brooke Bayerl, University of Wisconsin Green Bay; Riley Kangas, University of Wisconsin Green Bay (Allen Huffcutt, Faculty Sponsor)

**51 The relationship between gender role identity, personal care products, and brand loyalty in consumers**

Ashlyn George, Missouri Western State University; Justice Galloway, Missouri Western University; Rebecca Lewey, Missouri Western State University; madison Brady, Missouri Western State University; Faith Vandel, Missouri Western State University; Jordan Hall, Missouri Western State University (Teddi Deka, Faculty Sponsor)

**52 Leadership in Ambiguous Situations**

Erica Svenby, Creighton University; Luke Kavan, Creighton University (Joshua Fairchild, Faculty Sponsor)

**53 Leadership Across the Creative Process**

Lauren Jenkins, Creighton University; Madelyn Hirchert, Creighton University; Kate Hessman, Creighton University; Joshua Fairchild, Creighton University (Joshua Fairchild, Faculty Sponsor)

**54 Neurodiversity: Personality Correlates & Employment Challenges**

Harrison Thiry, University of Wisconsin-Green Bay; DeNae Bube, University of Wisconsin Green Bay; Riley Kangas, University of Wisconsin Green Bay (Allen Huffcutt, Faculty Sponsor)

**55 Downsides of Leader Kindness: Implications for Organizations and Leader- Follower Relationships**

Sheila Hanson, University of North Dakota; Grant Johnson, University of North Dakota (Sheila Hanson, Faculty Sponsor)

**56 The effects of mindfulness on regret: An explorative analysis**

Emely Oviedo, Governors State University; Figen Karadogan, Governors State University; Timothy Pedigo, Governors State University (Figen Karadogan, Timothy Pedigo, Faculty Sponsor)

**57 Protective factors in the context of childhood bereavement: examination of youth purpose, adaptive grief reactions, and school engagement**

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)

**58 Dietary Concerns of Student-Athletes Vs. Non-student Athletes in a College Population**

Carl Felton, Manchester University; Josh Dibley, Manchester University

**59 Addressing race differences in educator mental wellbeing**

Olivia Charles, University of Illinois Springfield; Diana Zaleski, University of Illinois Springfield (Diana Zaleski, Faculty Sponsor)

**60 Examining resiliency and mindfulness as moderators of stress in college students**

Halley Weinberger, Minnesota State University, Mankato (Emily Stark, Faculty Sponsor)

**61 Does physical exercise predict well-being and resilience among college students?**

Natalie Willis, Truman State University; Hoang Nguyen, Truman State University; Ryan Freese, Truman State University; Hannah Grisham, Truman State University; Duy Le, Truman State University (Yuna Ferguson, Faculty Sponsor)

**62 Gratitude's effect on emotion regulation**

Patrick Elster, Earlham College (Dr. Kyle Henning, Faculty Sponsor)

**63 Effect of positive first-person self-talk versus second-person self-talk on anagram task persistence**

Sarah Hackman, Hillsdale (Kari McArthur, Jared Parker, Faculty Sponsor)

**64 How Undergraduate Fraternity Participation and Leadership Effects Overall Well-Being**

Luke Price, University of Missouri - Columbia; Kennon Sheldon, University of Missouri, Columbia (Kennon Sheldon, Faculty Sponsor)

**65 Thank You Co-Worker: A Gratitude Intervention For Health Care Professionals**

Yusra Omer, Elmhurst University; Kristina Tepic, Elmhurst University (Elizabeth A. Majka, Faculty Sponsor)

**66 Purposeful Partners: Romantic Attraction to Sense of Purpose**

Isabella D'Ottone, Washington University in St. Louis; Patrick Hill, Washington University in St. Louis; Gabrielle Pfund, Northwestern University (Gabrielle Pfund, Patrick Hill, Faculty Sponsor)

**67 The road to flourishing: Values moderate the relationship between virtues and wellbeing**

Isabel Santos, Hope College; Nhi Hoang, Hope College; MacKenna Shampine, Hope College; Alexia Tanner, Hope College; Julia Voyt, Hope College; Piper Daleiden, Hope College; David Rende, Hope College (Lindsey Root Luna, Faculty Sponsor)

**68 The effects that music has on individual's mood and motivation.**

Maci Cox, Blackburn College; Trisha Prunty, Blackburn College (Trisha Prunty, Faculty Sponsor)

**69 I love you, I'm sorry, please forgive me: Relationship closeness and the tendency to apologize as predictors of forgiveness-seeking intentions**



Nhi Hoang, Hope College; MacKenna Shampine, Hope College; Julia Voyt, Hope College; Piper Daleiden, Hope College; Alexia Tanner, Hope College (Lindsey M. Root Luna, Faculty Sponsor)

**70 Childhood Cancer, Posttraumatic Stress Symptoms, and Contributing Factors**

Gwendolyn Wheatley, Cleveland State University; Liz Goncy, Cleveland State University



**Psi Chi Poster Session III: Developmental Psychology**

Thu 9:30AM - 10:10AM

Exhibit Hall

**1 Does infant temperament affect couple commitment across the transition to parenthood (TTP)?**

Ruike Li, The Ohio State University, Main Campus (Sarah Schoppe-Sullivan, Faculty Sponsor)

**2 Using CANTAB to predict adolescent adjustment**

Shannon Kasun, University of Notre Dame; Sarah Hoegler, University of Notre Dame; Katherine Edler, University of Notre Dame; E. Mark Cummings, University of Notre Dame; Patrick Davies, University of Rochester (Dr. E. Mark Cummings, Faculty Sponsor)

**3 How Helicopter Parenting Affects Depression, Addiction, and Adjustment to College in College Students**

Shelby Jackson, Eastern Illinois University (Jeffrey Stowell, Faculty Sponsor)

**4 Self-defining memories, elaboration, and well-being**

Emily Schroeder, University of Missouri; Jordan Booker, University of Missouri- Columbia (Jordan Booker, Faculty Sponsor)

**5 IDEAs don't happen in Isolation: An academic intervention**

Stuart Rand, Illinois State University; Jake Motuelle, Illinois State University (Jordan Arellanes, Faculty Sponsor)

**6 Do young children spontaneously group dolls according to salient social categories?**

Aubrielle Maginness, University of Missouri; Katherine Freund, University of Missouri (Kristy vanMarle, Faculty Sponsor)

**7 Theory of mind and social categorization in preschoolers**

Kailey Jean Karder, Bradley University; Valerie San Juan, Bradley University (San Juan, Faculty Sponsor)

**8 Understanding the relationships between perceived parental substance abuse, maltreatment, parenting style, and need satisfaction on adolescent substance use, impulse control, and attachment style.**

Emily Bies, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**9 Childhood experiences in relation to prosocial behavior & empathy**

Darby Deffenbaugh, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**10 The relationships between perceived parenting styles, hope, conservatism, and personality**

Zachariah Fieber, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**11 A case study exploring the developmental appropriateness of holocaust literature**

Sierra Merritt, Northwest Missouri State University (Keely Cline, Faculty Sponsor)

**12 Shining a light on spatial conversations: The connection between families' spatial talk and open-ended tinkering solutions**

Kaitlyn Hurka, Northwestern University; Elena Fiegen, Northwestern University; Naomi Polinsky, Northwestern University; Gabriela Perdomo, Loyola University Chicago; CATHERINE A. HADEN, LOYOLA UNIVERSITY CHICAGO; DAVID UTTAL, NORTHWESTERN UNIVERSITY (David H. Uttal, Faculty Sponsor)

**13 "She started it": disciplinary action in education**

Sam Freville, Murray State University (Amanda Joyce, Faculty Sponsor)

**14 Perfectionism, grit, and frustration: How children navigate obstacles**

Jori Rinderer, Webster University (Dr. Eric Goedereis, Faculty Sponsor)

**15 Distinct relations between family and neighborhood characteristics in predicting children's verbal and visuospatial performance**

Isabel Goetz, University of Iowa; Erin Connolly, University of Iowa; Paras Bassuk, University of Iowa; Ece Demir-Lira, University of Iowa (Ece Demir Lira, Faculty Sponsor)

**16 The role of race in neural processing of infant emotional cues**

Makayla Pollock, University of Missouri-Columbia; Ashley Groh, University of Missouri - Columbia (Ashley Groh, Faculty Sponsor)

**17 The influence of perceived parenting styles and nurturing primes on altruism and emotional nurturing**

Madeline Neely, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**18 Associations between Co-Rumination in Adolescence and Emotional Adjustment in Adulthood**

Lynn Eckhardt, University of Missouri Columbia (Amanda Rose, Allie Spiekerman, Faculty Sponsor)

**19 Executive functioning and treatment regimen adherence among adolescents with type 1 diabetes**

Allison Choe, University of Michigan; Dana Albright, Parkview Mirro Center for Research and Innovation; Emily Fredericks, University of Michigan; Joyce Lee, University of Michigan; Kate Bauer, University of Michigan; Julie Sturza, University of Michigan; Hurley Riley, University of Michigan; Alison Miller, University of Michigan (Alison Miller, Faculty Sponsor)

**20 Adolescents' problem talk with mothers, fathers, siblings, and friends**

Kally Horn, University of Missouri; Alexis Becker, University of Missouri; Daniil Rakov, University of Missouri; Megan Hammond, University of Missouri; Sebastian Montgomery, University of Missouri; Alyssa Norrenberns, University of Missouri; Daniella Reyes, University of Missouri; Allison Siebeneck, University of Missouri; Allie Spiekerman, University of Missouri - Columbia; Amanda Rose, University of Missouri (Amanda Rose, Faculty Sponsor)

**21 Origins of mothers' and fathers' reminiscing strategies when discussing past emotional events with children**

Channing Bullock, University of Missouri; Nanxi Xu, University of Missouri - Columbia (Ashley Groh, Jennifer Bohanek, Faculty Sponsor)

**22 Emotional regulation through detachment in intergenerational Polish family storytelling**

Charlotte Soldner, University of Missouri - Columbia (Jennifer Bohanek, Haley Horstman, Faculty Sponsor)

**23 The role of partner presence on mothers' neural responding to infant crying**

Jocelyn Lamore, University of Missouri-Columbia,MO; Ashley Groh, University of Missouri - Columbia (Ashley Groh, Faculty Sponsor)

**24 Expectant mothers' sleep and multi-level responding to infant emotional cues**

Madeline Borzych, University of Missouri; Madeline Patrick, University of Missouri, Columbia; Ashley Groh, University of Missouri - Columbia (Ashley Groh, Faculty Sponsor)

**25 Egocentrism and its qualities in emerging adults**

Clayton Young, Eastern Illinois University (Caridad Brito, Faculty Sponsor)

**26 The modulatory effect of early life stress and anxiety on the neuroscience of empathy**

Karsten Cowan, University of Wisconsin-Green Bay; Hailey Olson, University of Wisconsin-Green Bay; Liz Williams, University of Wisconsin-Green Bay; Paige Anderson, University of Wisconsin-Green Bay; Jason Cowell, University of Wisconsin- Green Bay (Jason M. Cowell, Faculty Sponsor)

**27 How children's emotional expression affects depressed mothers' emotion regulation**

Abigail Arntz, The Ohio State University; Xin Feng, The Ohio State University; Yvonne Gong, The Ohio State University (Xin Feng, Faculty Sponsor)

**28 Parental reciprocity and anxiety among males and females**

Brooklyn Ferrie, Wartburg College (Shaheen S. Munir, Faculty Sponsor)

**29 An examination of familismo, attachment, and well-being in emerging adulthood**

Xitlalli Hernandez, Rockhurst University (Logan B. Kochendorfer, Faculty Sponsor)

**30 Parent-child attachment, forgiveness, and gratitude: Does self-esteem explain the link?**

Dina Dudic, Rockhurst University; Logan Kochendorfer, Rockhurst University; Delani Miller, Rockhurst University (Logan B. Kochendorfer, Faculty Sponsor)

**31 Empathetic Concern and Helping Behavior in Toddlers and Preschoolers**

Viena Klipfel, South Dakota State University (Dr. Martin, Faculty Sponsor)

**32 Mip, mip, hooray! Comparing the effects of social contingency on word learning from books and screens.**

Natalie G. Freitag, Augustana College; Kelsey A. Notestein, Augustana College; Grace L. Witecha, Augustana College (Megan G. Lorenz & Sarah C. Kucker, Faculty Sponsor)

**33 Parental sensitivity as a predictor of externalizing and internalizing behaviors at age 5**

Megan Myers, Southern Illinois University Carbondale; David Chen, Southern Illinois University; Jacelyn Street, Southern Illinois University Carbondale; Bilal Sawar, Southern Illinois University; Tori McNary, Southern Illinois University (Lisabeth DiLalla, Faculty Sponsor)

**34 Relations between preschool teacher emotional support and parental involvement**

Lauren Krippner, Truman State University; Genevieve Hockett, Truman State University (Katrina Schmerold, Faculty Sponsor)

**35 The effect of parent music use on negative temperament in infants**

Thomas Shneker, The Ohio State University; Julianna Calabrese, The Ohio State University; Sarah Schoppe-Sullivan, The Ohio State University (Sarah Schoppe-Sullivan, Faculty Sponsor)

**36 Exploring parent gender stereotypes as a predictor of variation in parental feedback between dyads of different gender composition.**

Talia Halleck, University of Iowa; Paras Bassuk, University of Iowa; Ying Li, University of Iowa; Ece Demir-Lira, University of Iowa (Ö. Ece Demir-Lira, Faculty Sponsor)

**37 The Effects of Parenting Styles and Reflective Functioning on Attitudes Concerning Parenting Strategies**

Makaelah Hutchins, Nebraska Wesleyan University; Esme L. Perez-Torres,

Nebraska Wesleyan University; Michael Bamforth, Nebraska Wesleyan University; Maggie M. Meyers, Nebraska Wesleyan University; Abby Swanson, Nebraska Wesleyan University; Zoe Timberlake, Nebraska Wesleyan University; Rachel Hayes, Nebraska Wesleyan University; Chelsea Klinkebiel, Nebraska Wesleyan University (Rachel Hayes, Chelsea Klinkebiel, Faculty Sponsor)

**38 Labeling smiling objects: The effects of prosody and animacy on novel noun learning**

Jarrett Rardon, The Ohio State University; Samantha McDonald, The Ohio State University (Julie Hupp, Melissa Jungers, Faculty Sponsor)

**39 Social media's impact on educators' perceptions of social support**

Emma Wituk, Truman State University; Katrina Schmerold, Truman State University; Haley McCarty, Truman State University (Katrina Schmerold, Faculty Sponsor)

**40 Tracking perceptions of parent-teacher communication across three cohorts**

Emma Wituk, Truman State University; Katrina Schmerold, Truman State University; Kate Hoey, Truman State University; Gabbi Woods, Truman State University (Katrina Schmerold, Faculty Sponsor)

**41 Interaction between parental warmth and involvement with children's school readiness**

Jessica Pham, University of Iowa; Krisha Keeran, University of Iowa (Dr. Isaac Petersen, Faculty Sponsor)

**42 The good ole days: Childhood memories and college adjustment**

Nathaniel Paredes, Murray State University (Esther Malm, Faculty Sponsor)

**43 The role of prototypicality in learning proximity terms from storybooks**

Rebecca Smuck, Augustana College; Kara West, Augustana College (Megan G. Lorenz, Faculty Sponsor)

**44 Assessing Children's Emotional Regulation During a Frustrating Task**

Ashley B, The Ohio State University; Mikayla Murdock, The Ohio State University (Sarah Schoppe-Sullivan, Faculty Sponsor)

**45 Mental, physical, and cognitive effects of dance in adolescence and beyond**

Isabella Roesing, University of St. Francis (Brady Jones, Faculty Sponsor)

**46 Behaviors during mother-adolescent storytelling and links with adolescent development and adjustment**

Michelle Le, University of Missouri; Jordan Booker, University of Missouri-Columbia (Jordan A. Booker, Faculty Sponsor)

**47 Children as secondary victims of domestic abuse: The connection to emotion and behavior disorders**

Leah Meszaros, Slippery Rock University; Madeline Smith, Slippery Rock University of Pennsylvania (Jennifer Willford, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**48 Study habits and perceptions of personal growth**

McKenzie James, Rockhurst University (Marissa Roffler, Faculty Sponsor)  
The current study explored whether personal growth measures were related to active study strategies and changes in study habits by course modality. Results indicated no relationship between active strategy endorsement and personal growth measures. Higher levels of grit were found in those who changed their study strategies with modality.

**49 Control and Influence in Young Adults' Romantic Relationships: The Role of Gender**

Alyssa Norrenberns, University of Missouri; Alexis Becker, University of Missouri; Kally Horn, University of Missouri; Daniil Rakov, University of Missouri; Daniella Reyes, University of Missouri; Megan Hammond, University of Missouri; Sebastian Montgomery, University of Missouri; Allison Siebeneck, University of Missouri; Allie Spiekerman, University of Missouri - Columbia; Amanda Rose, University of Missouri (Amanda Rose, Faculty Sponsor)

**50 Exercise and cognitive ability in older adults: A longitudinal analysis.**

Bianca Schmidt, University of Notre Dame (Cindy Bergeman, Faculty Sponsor)

**51 Parents' involvement in youth sports and young adults' sport attitudes**

Lily Hollerung, Wartburg College (Cynthia Bane, Faculty Sponsor)

**52 Exploring the Effect of Resilience Training on the Effectiveness of Psychological Body Armor**

Devaney Ross, Andrews University (Harvey Burnett, Faculty Sponsor)

**53 Reading and talking: A multiple case study of families**

Kaelyn Dutton, Northwest Missouri State University (Keely Cline, Faculty Sponsor)

**54 Adverse Childhood Experiences & School Productivity: The Role Of Social Networks**

Fahima Ali, Otterbein University (Meredith Meyer, Faculty Sponsor)

**55 Examining the link between teachers' racial beliefs and perceptions of students' social-emotional competencies**

Brandon Cohen, University of Denver; Colleen Cassidy, University of Denver (Dr. Kamilah Legette, Faculty Sponsor)

**56 The role of parent-child synchrony on perspective taking and sharing**

Jocelyn Hamann, University of Wisconsin - Green Bay; Madelynn Krueger, University of Wisconsin - Green Bay (Sawa Senzaki, Faculty Sponsor)

**57 Examining the N2 ERP as a potential moderator of the association between parent emotion regulation and child affective reactivity**

Micah Williams, The University of Iowa; Laxmi Annapureddy, The University of Iowa (Isaac T. Petersen, Faculty Sponsor)

**58 Associations between familial relationship quality and emerging adulthood depression**

Alesia Mozee, University of Missouri - Columbia; Maria Victoria Aceves-Power, University of Missouri; Nicole Campione-Barr, University of Missouri (Nicole Campione-Barr, Faculty Sponsor)

**59 Remaining friends from adolescence to adulthood: The role of friendship quality and geographic location**

Emmalyn Gerhardt, University Of Missouri - Columbia (Amanda J. Rose, Faculty Sponsor)

**60 Maternal and Infant Functioning During COVID-19 in a Diverse Sample**

Catherine Buhrow, Case Western Reserve University; Veann Lee, Case Western Reserve University; Shannon Franz, University of Michigan; Gabby Le Doux, Eastern Michigan University; Emily Gorjanc, Case Western



Reserve University; Lesa Dieter, Case Western Reserve University; Renee Lajiness-O'Neill, Eastern Michigan University, University of Michigan (Alissa Huth-Bocks, Renée Lajiness-O'Neill, Faculty Sponsor)

**61 Infant object transference and play preference**

Danielle Mitchell, Hope College; Elianna Kuehn, Hope College (Lauren Slone, Faculty Sponsor)

**62 Parental emotional abuse and emotional intelligence: A meta-analytic review**

Delani Miller, Rockhurst University (Logan Kochendorfer, Faculty Sponsor)

**63 Infants' Ability to Associate Objects and Their Names**

Chloe Swanson, Hope College; Nycole Kragt, Hope College; Natalie Ramsay, HOPE COLLEGE; Erin Vokal, Hope College; Lars Overos, Hope College; Lauren Tocco, Hope College; Elianna Kuehn, Hope College; Danielle Mitchell, Hope College (Lauren Slone, Faculty Sponsor)

**64 The Link Between Young Adults' Technological Aggression and Emotional Intelligence**

Adalie Pritchett, South Dakota State University; Ella Hoogeveen, South Dakota State University; Paige Evans, South Dakota State University; Lizbeth Escalante, South Dakota State University; Emily Robson, South Dakota State University (Pirtia See, Faculty Sponsor)

**65 Exploring gesture use in children's strategies on mental rotation tasks**

Sereniti Williams, Northwestern University; Anagha Sridharan, Northwestern University; Kiley McKee, Northwestern University; Danielle Rothschild, Northwestern University (David Uttal, Faculty Sponsor)

**66 Left, right, left: The role of handedness in statistical learning**

Allison Kom, Valparaiso University; Meghan McCann, Valparaiso University (Abbie Thompson, Faculty Sponsor)

**67 Gender Composition of Siblings and Effects on Degree of Co-Rumination**

Ellen Tran, University of Missouri-Columbia; Amanda Rose, University of Missouri (Amanda J. Rose, Faculty Sponsor)

**68 Comparing Physiological Synchrony between Mother-Child vs. Confederate-Child Dyads**

Taylor Kegen, University of Wisconsin Green Bay (Sawa Senzaki, Faculty Sponsor)

**69 Secondary data analysis: Children as storytellers & listeners in peer-to-peer interactions**

Alison Hartong, Cedarville University; Chao Liu, Cedarville.edu; Felisha Younkin, Cedarville University; McKenzie Henry, Cedarville University; Adam Vaflor, Cedarville University; Caroline Wacome, Cedarville University; Chi Hang Wong (Chao Liu, Felisha Younkin, Faculty Sponsor)

**70 Understanding the causes and consequences of helicopter parenting across White and Hispanic families**

Kassandra Shepherd, University of Wisconsin Parkside; Meredith McGinley, University of Wisconsin-Parkside (Meredith McGinley, Faculty Sponsor)

**71 College Student Adjustment, Coping Strategies, and Perceived Social Support**

Alison Link, Lindenwood University (Rebecca Foushee, Faculty Sponsor)

**72 Analyzing visual attention patterns in children surrounding event boundaries**

Brittany Weber, University of Wisconsin - Green Bay; Liberty Abegglen, University of Wisconsin - Green Bay (Sawa Senzaki, Faculty Sponsor)

**73 Longitudinal Study of Co Rumination in Male and Female Relationships**

Ava Larson, University of Missouri; Amanda Rose, University of Missouri (Amanda Rose, Faculty Sponsor)

**74 How does children's executive functioning affect their tendency to cheat and lie?**

Claire Geurts, University of Wisconsin-Green Bay; Sydney Ibe, University of Wisconsin-Green Bay; Cassidy Collins, University of Wisconsin-Green Bay (Sawa Senzaki, Faculty Sponsor)

**75 Preschoolers' language abilities: relations between metacognition and cross-situational word learning**

Larissa Chavarria, Valparaiso University; Elena Rodriguez, Valparaiso University (Abbie Thompson, Faculty Sponsor)

**76 Childhood experiences and experiences related to gratification**

Rachel Panek, St. Cloud State University (Maegan Jones, Faculty Sponsor)

**77 Self-perceptions role in adolescent disclosure to mothers and siblings**

Nicole Davis, University of Missouri; Yue Guo, University of Missouri-Columbia; Nicole Campione-Barr, University of Missouri (Nicole Campione-Barr, Faculty Sponsor)

**78 An Object Relational Approach to Imaginary Audience Ideation: Scale Development**

Adele Bonomi, University of Notre Dame; Josef Ernst, University of Notre Dame; Molly O'Leary, University of Notre Dame; Mia Jimenez, University of Notre Dame; Emily LaPorte, University of Notre Dame (Dan Lapsley, Faculty Sponsor)

**79 Predicting adult sociomoral outcomes with positive childhood experiences**

Jing Tong, University of Notre Dame; Mary Tarsha, University of Notre Dame; Darcia Narvaez, University of Notre Dame (Darcia Narvaez, Faculty Sponsor)

**80 An Interpretive Phenomenological Analysis of STEM Peer Led Team Leaders' Perceived Roles**

Nina Blaise, Dominican University (Dr. Driver, Faculty Sponsor)

**81 The Role of Sociocultural Stressors and Maternal Sensitivity on Infant Negative Affect**

Frida Aguilar Salas, Marquette University (Kimberly D'Anna Hernandez, Faculty Sponsor)

**82 Correlation of Early Childhood Trauma and Adult Antisocial/Criminal Behavior**

Elise Ndoe Gouag, Dominican University (Sophia Duffy, Faculty Sponsor)

**83 Factors Affecting Child Emotional Security in Northern Ireland: A Hierarchical Regression Analysis**

Karina Solman, University of Notre Dame; Savannah Vetterly, University of Notre Dame; Bethany Wentz, University of Notre Dame; E. Mark Cummings, University of Notre Dame (Bethany Wentz, Faculty Sponsor)

**84 Emotion-Language Utterances' Role in Parental-Mental Health and Children's Socio-Emotional Outcomes**

Bedoor Alasfoor, University of Iowa; Ece Demir-Lira, University of Iowa (Dr. Ece Demir-Lira, Faculty Sponsor)

**85 How do children define forgiveness? A qualitative study**

Gwen Bostick, Rockhurst University; Maria Mueller, Rockhurst University (Logan B. Kochendorfer, Faculty Sponsor)

**86 Influence of Adverse Childhood Experiences and Self-Esteem on the Number of Sexual Experiences Reported in College**

Karen Cortez, Saint Norbert College (Raquel Lopez, Faculty Sponsor)

**87 Examination of social interactions in biological and foster mother-offspring orangutans**

Hannah Maurello, Purdue University Northwest; Christina Ragan, Georgia Institute of Technology; Vanessa Quinn, Purdue Northwest; Mia Bechara, Georgia Institute of Technology; Antonio Kocoski, Purdue University Northwest; Rachel Bond, Georgia Institute of Technology; Elijah Walker, Purdue University Northwest; Grace Williams, Purdue University Northwest (Christina Ragan, Vanessa Quinn, Faculty Sponsor)

**88 Effects of Enriched Diet on Learning and Memory Development in the Discoid Cockroach (*Blaberus discoidalis*)**

Diego De Gregorio, Lindenwood University (Rebecca Foushée, Faculty Sponsor)

**89 Does unimanual hand-preference mediate or moderate the relation between acquisition and role-differentiated bimanual hand-preference?**

Ashton Henry, Illinois State University; Julie Campbell, Illinois State University; George Michel, University of North Carolina at Greensboro; Megan Kroehnke, Illinois State University (Julie Campbell, G.F. Michel, Faculty Sponsor)

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## Psi Chi Symposium II

Thu 9:30AM - 10:20AM


Salon 02

### **9:30 Life as a Graduate Student: An Inside Look**

Erin Freiburger, Indiana University; Andrew White, Indiana University; Kevin Summers, University of Denver; Gina Paganini, University of Denver; Naomi Isenberg, University of Wisconsin-Madison; Neelamberi Klein, Indiana University Bloomington

What is life like as a graduate student? This symposium will provide an inside look! Learn about the experiences of current students navigating the many roles of graduate student life. Students will share their experiences balancing coursework, research, teaching, as well as investing in their personal lives.

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## Psi Chi Poster Session IV: Biological, Experimental, & Cognitive Psychology

Thu 10:15AM - 10:55AM

Exhibit Hall

### **1 Validation of hair cortisol as a biomarker for circulating cortisol in non-human primates**

Abigail Spaulding, University of Wisconsin-Madison (Robin Goy, Amita Kapoor, Faculty Sponsor)

### **2 Motor oscillatory differences between children with normal hearing and children who are hard of hearing**

Jessica Frame, Missouri University of Science and Technology; Elizabeth Heinrichs-Graham, Boys Town National Research Hospital Institute of Human Neuroscience (Elizabeth Heinrichs-Graham, Faculty Sponsor)

### **3 Electroencephalogram analysis of brain response to bistable illusion imagery**

Katherine Durbin, Shawnee State University (Kyle Vick, Faculty Sponsor)

**4 Searching for Treasure: Developing smart device games as early indicators of spatial pathology in adolescent binge-drinkers?**

James Rozhon, Lewis University; Philip Blankenship, Lewis University (Dr. Philip Blankenship, Faculty Sponsor)

**5 The long-term effects of concussions on balance**

Madeline Olson, University of Wisconsin - Stout; DESIREE BUDD, University of Wisconsin, Stout (Desiree Budd, Faculty Sponsor)

**6 Assessing the effects of melatonin on sleep behavior in a zebrafish model**

Mackenzie Hagemester, University of Nebraska at Kearney; Evan Hill, University of Nebraska at Kearney; Ianna Fill, University of Nebraska at Kearney (Evan Hill, Faculty Sponsor)

**7 Brain responses conditioned to a novel visual stimulus paired with sugar reward**

Liam Peck, University of Missouri-Columbia; Elizabeth Conley, University of Missouri-Columbia; Roberto Cofresi, University of Missouri-Columbia; Brett Froeliger, University of Missouri-Columbia (Bruce D. Bartholow, Faculty Sponsor)

**8 Phubbing: Examining the effects of social support on the physiological stress response**

Emma Thul, Simpson College (Don Evans, Sal Meyers, Faculty Sponsor)

**9 The effects of increasing amount of caffeine on alcohol intake in C57BL/6J mice**

Amarpreet Kaur, Butler University; Jennifer Berry, Butler University (Jennifer Berry, Faculty Sponsor)

**10 Analyzing key brain regions associated with aggression in individuals with psychosis**

Isabelle Young, University of Chicago; Carol Tamminga, UT Southwestern; Godfrey Pearlson, Hartford HealthCare; Matcheri Keshavan, Harvard; Brett A. Clementz, University of Georgia; Elliot S. Gershon, University of Chicago; Sarah K. Keedy, University of Chicago (Sarah Keedy, Faculty Sponsor)

**11 N170-ERP investigation into facial inversion effects**

Katherine Kelley, Augsburg University (Henry Yoon, Faculty Sponsor)

**12 N170-ERP Investigation into upright vs. stylized faces**

Madison Blevins, Augsburg university; Stephanie Gomez Olmedo, Augsburg University (Ben Denking, Henry Yoon, Faculty Sponsor)

**13 Intermittent access low ethanol and nicotine co-consumption in C57BL/6J mice**

Kendall Hyams, Butler University; Kelsey Brown, Butler University; Jennifer Berry, Butler University (Jennifer Berry, Faculty Sponsor)

**14 Sex differences among adolescent rats in response to a modified Single-Prolonged Stress protocol.**

Alaina Mabie, Bradley University; Brenda Huerta, Bradley University; Jacob ORussa, Bradley University; Hayden Graham, Bradley University; Timothy Koeltzow, Bradley University (Timothy Koeltzow, Faculty Sponsor)

**15 Effects of nature exposure on multidimensional mood, heart rate, and ranked aggression in response to aggressive stimuli priming**

Meliyah Anderson-Tryon, The College of St. Scholastica; Nicole Nowak, College of St. Scholastica (Nicole Nowak, Faculty Sponsor)

**16 Across session progressive ratios in a concurrent schedule for caffeine-alcohol and alcohol reinforcers.**

Julianna Gates, Buena Vista University; Hunter Wray, Buena Vista University; Kiaya Pernick, Buena Vista University; Ally Pope, Buena Vista University; Madison Whalen, Buena Vista University; Steven Beckwith, Buena Vista University (S. Wesley Beckwith, Faculty Sponsor)

**17 Effects of nucleus accumbens inhibition on the expression of stress induced behavioral sensitization**

Daniel Roever, University of Wisconsin - River Falls; Tanya Bacon, University of Wisconsin - River Falls; Katrina Steele, University of Wisconsin - River Falls (James Cortright, Faculty Sponsor)

**18 A Comparison of Self-Reported and Biological Stress Among First and Continuing Generation College Students**

Kinza Awais, Webster University (Shannon McClain, Stephanie Schroeder, Faculty Sponsor)

**19 Relationship between anxiety and physiological response to fear, reward, and safety: the moderating role of intolerance of uncertainty**

Leona Kondic, Marquette University; Jacklynn Fitzgerald, Marquette University (Jacklynn Fitzgerald, Faculty Sponsor)

**20 Social interactions between cage-mates changes after METH exposure**

Ammar Chauhdri, University of Michigan - Ann Arbor; Ivette Gonzalez, University of Michigan - Ann Arbor; Jill Becker, University of Michigan - Ann Arbor (Jill Becker, Faculty Sponsor)

**21 Trajectories of physiological arousal response to conditioned fear and reward cues**

Yara Hamadeh, Marquette University; Meghan Bennett, Marquette University; Jacklynn Fitzgerald, Marquette University (Jacklynn Fitzgerald, Meghan Bennett, Faculty Sponsor)

**22 Skin Conductance Responses to Conditioned Fear and Reward Cue Processing – Role of Intolerance of Uncertainty**

Aditii Wakhlu, Marquette University (Jacklyn Fitzgerald, Faculty Sponsor)

**23 Subjective sleep quality predicts physiological latency during reward**

Nell Burgener, Marquette University; Tristan Gregg, Marquette University; Jacklynn Fitzgerald, Marquette University (Jacklynn Fitzgerald, Faculty Sponsor)

**24 The Impact of Trial Order and State Anxiety on Habituation and Sensitization to Fear Cues**

Calista Capaul, Marquette University; Kaley Davis, Marquette University; Jacklynn Fitzgerald, Marquette University (Jacklynn Fitzgerald, Faculty Sponsor)

**25 The interaction of life stressors and Serotonin Transporter Polymorphism (5-HTTLPR) on depressive symptoms within the transition from adolescence to adulthood.**

Zachary Brodnick, Slippery Rock University; Mohamad Khalaifa, Slippery Rock University; Jennifer Willford, Slippery Rock University (Jennifer Willford, Faculty Sponsor)

**26 The impact of postnatal overnutrition on neurotrophin-4 knockout mice weight gain and behavior.**

Roni Heyman, Purdue University; Brittney Graebner, Purdue University; Sophie Forrow, Purdue University (Edward Fox, Faculty Sponsor)

**27 Role of essential oils in the assessment of memory in college students**

Samantha Occhionero, Xavier University; Olivia MacDonald, Xavier



University; Olivia Johnson, Xavier University (Tammy Sonnentag, Christian End, Faculty Sponsor)

**28 Positive and negative cultural representations: How movies affect perceptions of minority groups**

Hallie Filan, Xavier University; Evan Edwards, Xavier University; Kate Hembree, Xavier University (Tammy Sonnentag, Christian End, Faculty Sponsor)

**29 Social support as a moderator of the relationship between self-stigma and perceptions of recovery from addictions**

Veda Craig, Anderson University (Laura Stull, Faculty Sponsor)

**30 Implications of informing and training students in self-compassion on their academic achievement following negative feedback**

Georgie Early, Xavier University; Gabriella DeFelice, Xavier University; Clare Kennedy, Xavier University (Tammy Sonnentag, Christian End, Faculty Sponsor)

**31 The role of insight in mathematical thinking**

Yao Xiao, Northwestern University; Yuhua Yu, Northwestern University (Mark Beeman, Faculty Sponsor)

**32 The effect of depression education and gender identity on attitudes and beliefs about depression**

Delaney Beckenhaupt, Xavier University; Alaina Francel, Xavier University; Rose Hummel, Xavier University; Maddy Meyer, Xavier University (Tammy Sonnentag, Kyle Stephenson, Faculty Sponsor)

**33 An investigation into a prosthetic's effect on mental health**

Olivia Coontz, Kent State University; Rachael Blasiman, Kent State University (Rachael Blasiman, Faculty Sponsor)

**34 The relationship between cognitive function and bilingualism**

Sierra Swenson, University of Minnesota-Duluth (Rebecca J. Gilbertson, Faculty Sponsor)

**35 Analyzing effects of color preference on brain activity**

Jacob Lynn, Shawnee State University (Kyle Vick, Faculty Sponsor)

**36 Evaluating human operant performance methodology on the study of renewal**

Abi Connolly, Northern Michigan University; Forrest Toegel, Northern Michigan University; Cory Toegel, Northern Michigan University (Cory Toegel, Forrest Toegel, Faculty Sponsor)

**37 Sign-tracking behavior of female Japanese quail**

Madeline Smith, Slippery Rock University of Pennsylvania; Shannon Donahue, Slippery Rock University; Totionna Hill, Slippery Rock University; Megan Holbein, Slippery Rock University; Amanda Shook, Slippery Rock University; Trina States, Slippery Rock University; Samantha Wise, Slippery Rock University (Beth Ann Rice, Faculty Sponsor)

**38 Does the social context in which a politician uses taboo language impact their candidacy for office?**

Kaitlyn Isom, Central College; Margret Vonderheid, Central College; Spencer Daves, Central College (Ashley Scolaro, Faculty Sponsor)

**39 Sound of sleep: The effects of pink noise on sleep quality and levels of anxiety**

Maribeth Wagganer, Webster University (Ugo Bruzadin Nunes, Faculty Sponsor)

**40 Minnesota face database: Developing a new stimulus set**

Ubah shire, Augsburg University (Ben Denkinger, Faculty Sponsor)

**41 "Come with me if you want to live": Machine learning models the relationship between risk taking and seeking help.**

Austin Wyman, University of Notre Dame; David Watson, University of Notre Dame; Claire Scott-Bacon, University of Notre Dame (David Watson, Faculty Sponsor)

**42 The effects of behavioral inhibition on stress reactivity to psychosocial stressors in human participants**

Cameryn Eickstead, Carthage College; Jessica Smith, Carthage College; Andreja Duncovic, Carthage College; Madison Hauptert, Carthage College; Cassandra Hyland, Carthage College; Nora Nickels, Carthage College (Nora Nickels, Faculty Sponsor)

**43 The effect of race and emotionality on juror perceptions of child witness credibility in sexual abuse cases**

Trine Gomez, Western Illinois University (Kathy McGuire, Faculty Sponsor)

**44 Modifying Expectancy Violation in Obsessive-Compulsive Symptoms: An Event-Related Potential Investigation**

Emily Chua, University of San Diego; Nader Amir, San Diego State University (Dr. Nader Amir, Faculty Sponsor)

**45 Measuring Contact Between Age Groups with the Intergenerational Contact Scale**

Aleyda Alvares, Augsburg University (Ben Denkinger, Faculty Sponsor)

**46 The roles of parenting styles and parental depression in the relationship between marital conflict and child adjustment**

Shelly Dwivedi, University of Notre Dame; Bethany Wentz, University of Notre Dame; E. Mark Cummings, University of Notre Dame (Dr. Mark Cummings, Faculty Sponsor)

**47 Does teacher gender influence how students rate and describe teachers on evaluations?**

Zoe Timberlake, Nebraska Wesleyan University (Marilyn Petro, Faculty Sponsor)

**48 The Effects of Celebrity Advertisement for Perfume/Cologne on Williness to Pay**

Haley Schrage, Southern Illinois University Edwardsville; Mitsuru Shimizu, Southern Illinois University Edwardsville (Dr. Mitsuru Shimizu, Faculty Sponsor)

**49 Action and Inaction Effects in Regret: The Moderating Role of Attachment Styles**

Emely Oviedo, Governors State University; Sydney Snapp, Governors State University, George Kazanecki, Governors State University; Figen Karadogan, Governors State University (Figen Karadogan, Faculty Sponsor)

**50 Affordance Norming and Investigating the Potential Immediacy of Affordances**

Allie Carmichael, Butler University; Hillary Reed, Butler University; Logan Hess, Butler University; Pierce Butler, Butler University (Brian Day, Faculty Sponsor)

**51 Effect of Online vs. In-Person Learning on Students' Academic Achievement**

Erin Kallmeyer, Mount St. Joseph University (Tim Lawson, Faculty Sponsor)

**52 Perceived mental toughness of male athletes who are in stereotypically masculine or feminine sports**

Jessica Prater, Carroll University (Tara Schmidt, Abigail Riemer, Faculty Sponsor)

**53 Whose Influence Matters Most? The Effect of Content Creator Identity on Mood and Body Image**

Ellie Parker, North Park University (Amy Governale, Faculty Sponsor)

**54 The effects of face masks and background noise on speech perception**

Makayla Mills, The Ohio State University at Newark; Chris Robinson, The Ohio State University (Christopher W. Robinson, Faculty Sponsor)

**55 Gender Impacts on Respect for Boundary Setting**

Faith Steinke, Carroll University (Tara Schmidt, Faculty Sponsor)

**56 Personality traits and learning capacity in the darkling beetle *Zophobas morio***

Robert Marku, Oakland University; Sydney Scott, Oakland University; Martha Escobar, Oakland University (Martha Escobar, Faculty Sponsor)

**57 Investigating the transfer of calibration between hands and visual conditions**

Meet Patel, Butler University; Analise Richcreek, Butler University; Addison Hensley, Butler University; Bianca Pontrelli, Butler University (Brian Day, Faculty Sponsor)

**58 The Relationship Between Mental Imagery and Sports Performance: Does Mental Imagery Help Increase Dart-throwing Accuracy?**

Lindsey Mescher, Simpson College (Sal Meyers, Faculty Sponsor)

**59 The role of phasic and tonic REM sleep and dreaming in the emotional memory trade-off effect**

Lucy Tarcha, 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 D. Payne, Faculty Sponsor)

**60 Cartoons & Play**

Brooklin Webb, Morningside University (Jessica Pleuss, Faculty Sponsor)

**61 Sad-girl Pop and Felt Emotion**

Sonam Tsomo, Earlham college (Kyle Henning, Ph.D., Faculty Sponsor)

**62 The role of hobbies on mental health**

Emily McCulloh, George Williams College of Aurora University (Sarah Johnson, Faculty Sponsor)

**63 Differences in emotional perception between viewers of dubbed vs. subtitled visuals**

Duc Phan, Morningside University; Jessica LaPaglia, Morningside University (Jessica LaPaglia, Faculty Sponsor)

**64 Mindfulness and memory**

Linnea Milner, University of Wisconsin River-Falls; Linnea Milner, University of Wisconsin River-Falls; Lauren Loock, University of Wisconsin River-Falls (Abigail Jackson, Faculty Sponsor)

**65 Digital versus traditional shape drawings and visual human influence on mirror-neural activity.**

Arwen Randaisi, Shawnee State University; Kyle Vick, Shawnee State University (Kyle Vick, Faculty Sponsor)

**66 Does deliberate and spontaneous mind-wandering correlate with lucidity in dreams?**

Abby Swanson, Nebraska Wesleyan University (Marilyn Petro, Faculty Sponsor)

**67 Searching for Strange: Detecting abnormalities in natural scenes and radiographic images**

Johanna McClure, University of Nebraska at Kearney; Katherine Moen, University of Nebraska at Kearney (Katherine Moen, Faculty Sponsor)

**68 Does self quizzing make bigger brain waves?**

Sarah Kirtland, Centre College; Lauren Dodson, Centre College; Jaden Johnson, Centre College; Anika Rana, Centre College; KatieAnn R Skogsberg, Centre College (KatieAnn Skogsberg, Faculty Sponsor)

**69 Overthinking: Expanding the student's perspective**

Emelia Durham, Truman State University; Kenzie Clement, Truman State University; Katherine Speak, Truman State University; Norah Kovac, Truman State University; Gemma Brom, Truman State University; Star

Alexander, Truman State University; Ashton Lee, Truman State University (Karen Vittengl, Faculty Sponsor)

**70 The impact of predictable programming on problem solving**

Abby Ferris, Dakota Wesleyan University; Lexy Durham, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**71 The impact of social media use on short-term memory**

Megan McCorkell, Dakota Wesleyan University; Meghan Daffern, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**72 The effects of music training on short-term memory**

Nia Barrow, Lewis University (Spencer Campbell, Faculty Sponsor)

**73 Reinforcement and sensory feedback differently change locomotor learning and memory**

Leonardo Barzi, Northern Illinois University; Christopher Hill, Northern Illinois University; Emerson Sebastião, Northern Illinois University; Tyler Wood, Northern Illinois University; Matt Wilson, Northern Illinois University (Christopher Hill, Faculty Sponsor)

**74 Memory for pictures on word-list intrusion errors**

Amber Feigert, Dakota Wesleyan University; Hope Schulte, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**75 Examining gender bias in alcohol-impaired driving decisions**

Chloe Willett, University of Missouri - Columbia; Anna Maralit, University of Missouri - Columbia; Denis M. McCarthy, University of Missouri - Columbia (Denis McCarthy, Faculty Sponsor)

**76 Casino decision making observational research project**

Devon E Pulido, Lewis University; Spencer Campbell, Lewis University (spencer campbell, Faculty Sponsor)

**77 The effects of environmental influence on working memory capacity and state anxiety**

Ashlyn Spilde, South Dakota State University (Tyler Miller, Faculty Sponsor)

**78 Can corrective replies promote accurate understandings on social media?**

Claire Mason, Northwestern University; David Rapp, Northwestern University (David Rapp, Faculty Sponsor)

**79 Exploring creative problem solving in the context of computer programming**

Zain K Aamer, University of Illinois at Chicago; Taylor Strickland Miller, University of Illinois at Chicago (Jennifer Wiley, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**80 Bunny and blue hippo: connecting the inner experience through story**  
Sydnie Hoyt, Lindenwood University; Camryn O'Neal, Lindenwood University (Sara Bagley, Faculty Sponsor)

Participants read a story and rated the vividness of how they experienced it using mental imagery and inner voice. We found significant differences in the internal experience, even with a crossover of modalities. Educational settings could use this to better suit student needs and apply to other creative endeavors.

**81 The mind is sensational: Correlations of the inner experience of the 5 senses**

Camryn O'Neal, Lindenwood University; Sydnie Hoyt, Lindenwood University (Sara Bagley, Faculty Sponsor)

**82 Investigating the aesthetic appeal of music, poetry, and paintings**

Kendra Mehl, Missouri University of Science & Technology; Maria Gugliano, Missouri University of Science and Technology; Amy Belfi, Missouri University of Science and Technology (Amy Belfi, Faculty Sponsor)

**83 Bilingual and cross-cultural experience effect on neural dynamics of empathic processing**

Jakub Mierzejewski, University of Wisconsin - Green Bay (Jason Cowell, Faculty Sponsor)

**84 The impact of perspective and coercive questioning on memory, feelings of guilt and shame, and suggestibility**

Baylee Field, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**85 Wait, which one was it? Misinformation and memory**

Ian Johnson, University of Nebraska at Kearney; Katherine Moen, University of Nebraska at Kearney (Katherine Moen, Faculty Sponsor)

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### Psi Chi Symposium III

Thu 10:30AM - 11:20AM Salon 02

#### **10:30 Research with Psi Chi: Support, Grants, Awards, and Publishing, Oh My!**

Lindsey M. Root Luna, 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.

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### Psi Chi Poster Session V: Cognitive Psychology

Thu 11:00AM - 11:40AM

Exhibit Hall

#### **1 Thought variability distinguishes states of consciousness**

Yasmeen Nahas, Northwestern University; Remington Mallet, Northwestern University (Kalina Christoff, Ken A. Paller, Caitlin Mills, Faculty Sponsor)

#### **2 Sex-dependent caffeine consumption and its effects on short-term recognition memory**

Nicole Schwartz, Baldwin Wallace University (David Disabato, Faculty Sponsor)

#### **3 The relationship between different methods of evaluating empathy**

Brandon Dixon, Saint Xavier University (Gregory J. DeGirolamo, Faculty Sponsor)

#### **4 A friend in need, investigating empathy and prosocial behavior utilizing rat models**

Daniel Roever, University of Wisconsin - River Falls; Tanya Bacon, University of Wisconsin - River Falls; Katrina Steele, University of Wisconsin - River Falls (James Cortright, Faculty Sponsor)



## **5 Intersectional examination of social cognitive processes**

Dana Hubbell, Northwestern University (Vijay Mittal, Faculty Sponsor)

## **6 The role of test anxiety on academic procrastination**

Makenzie Hollis, Lewis University (Spencer Campbell, Faculty Sponsor)

## **7 Does bionic reading enhance text comprehension?**

Ari Johnson, Carthage College; John Hamer, Carthage College; Donna Ivanov, Carthage College (Anthony Barnhart, Faculty Sponsor)

## **PSI CHI AWARD WINNER**

## **8 Is there a morning morality effect for everyday and utilitarian moral decision-making?**

Trey Wood, Central College; Grace Helgeson, Central College; Riley Gattton, Central College; Morgan Galbraith, Central College (Ashley Scolaro, Faculty Sponsor)

Kouchaki and Smith (2014) reported a decline in ethical behavior throughout the day. Our experiment looked at whether this “morning morality effect” extended to everyday and utilitarian moral decision-making as measured through self-report scales. Results supported a morning morality effect for everyday moral decision-making but not utilitarian decisions.

## **9 Bionic reading: A revolution in word recognition?**

Caitlin Powers, Carthage College; Iyan Pelfree, Carthage College; Brianna Jordan, Carthage College; Jamie Serena, Carthage College (Anthony Barnhart, Faculty Sponsor)

## **10 Comparison of delusion types in psychosis biotypes**

Madeline Guzman, University of Chicago (Sarah Keedy, Faculty Sponsor)

## **11 Comparison of delusion types in psychosis biotypes**

Madeline Guzman, University of Chicago; Victoria Okuneye, University of Chicago; Brett A. Clementz, University of Georgia; Carol Tamminga, UT Southwestern; Godfrey Pearlson, Hartford HealthCare; Matcheri Keshavan, Harvard; Elliot S. Gershon, University of Chicago; Sarah K. Keedy, University of Chicago (Sarah Keedy, Faculty Sponsor)

## **12 Relationship of the memory blocking effect to orthographic information, context change, and creativity**

Abiola Adebayo, Minnesota State University, Moorhead (Christine Malone., Faculty Sponsor)

**13 “Smell you later!”: Serial position, event boundaries, and olfactive memory.**

Alyssa Sutanto, University of Notre Dame (Gabriel Radvansky, Faculty Sponsor)

**14 Deer in headlights: The phenomenon of choking in performance**

Maia Busi, Lindenwood University; Corbin Barnett, Lindenwood University (Sara Bagley, Faculty Sponsor)

**15 I am tired of this: personality and decisions when to stop learning**

Klaudia Malik, University of Notre Dame; Aleksandra Krogulska, University of Warwick; Daniela Parra, University of Notre Dame; Gabriel Radvansky, University of Notre Dame; Elizabeth Maylor, University of Warwick (Gabriel Radvansky, Faculty Sponsor)

**16 False Memories: the Fear Factor**

Kelli Maleska, University of Wisconsin - River Falls (Abigail Jackson, Faculty Sponsor)

**17 The effects of self-talk on math anxiety and performance**

Eric Rodell, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

**18 The interaction between anxiety and avoidance levels and its possible impact on emotional memory consolidation for negative components of scenes**

Sydney C Martinez, 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, Faculty Sponsor)

**19 How creating mental images and warnings influence memory for critical lures during a Deese-Roedinger McDermott false memory task**

Amaya Wagner, Indiana University Northwest; Bruno Winicky, Indiana University Northwest; Ronni Allen, Indiana University Northwest (Frances Daniel, Faculty Sponsor)

**20 The role of cognitive factors in the illusory truth effect**

Gwyn Arnold, Rockhurst University; McKenzie James, Rockhurst University; Damian Hood, Rockhurst University; Lindsey Mayes, Rockhurst University (Marissa Roffler, Faculty Sponsor)

**21 Perceptual features of music influence music-evoked autobiographical memories**

Eleanor Bax, Missouri University of Science and Technology; Amy Belfi, Missouri University of Science and Technology (Amy Belfi, Faculty Sponsor)

**22 Blocking Distraction with the Shield Effect**

Mary Clare Koebel, Augustana College; Sam Vasich, Augustana College; Nathanael Doyle, Augustana College (Megan Lorenz, Faculty Sponsor)

**23 Can testing enhance 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 (Jason C.K. Chan, Faculty Sponsor)

**24 Exploration of Moral Disgust Response to Social Concepts: Student Debt Forgiveness**

Elizabeth Schweitzer, Elmhurst University; Ismael Curiel, Elmhurst University (Pat Nebl, Faculty Sponsor)

**25 Comparing efficacy of soft fascination, mindfulness meditation, and social media scrolling as stress reduction techniques**

Sydni Adams, Bradley University (Wendy Schweigert, Faculty Sponsor)

**26 The impact of unconsciously perceived items on conscious recall in visual working memory**

Eli McMahill, Northwest Missouri State University; Amy Barton, Northwest Missouri State; Fernando Valle-Inclán, University of La Coruña-Spain; Camilo Castelblanco, Dartmouth College (Amy U. Barton, Faculty Sponsor)

**27 Memory Tasks in College Students**

Madison Knutsen, Augustana College; Kathryn Benschish, Augustana College; Isabel Austin, Augustana College (Daniel Corts, Faculty Sponsor)

**28 Assessing the effects of anxiety and acute stress on prospective memory performance**

Cecilia Swanson, Saint Mary's College; Andrea O'Rear, Saint Mary's College; Bettina Spencer, Saint Mary's College (Andrea O'Rear, Bettina Spencer, Faculty Sponsor)

**29 Gambling: tolerance within a session**

Isaac Pifer, Northern Michigan University; Jacob Daar, Northern Michigan University (Jacob Daar, Faculty Sponsor)

**30 This statement is false: Labeling lies doesn't help**

Rachel Block, Carleton College; Henry Edmonds, Carleton College; Samira Gado, Carleton College; Kana Hashimoto, Carleton College; Amanda Lilienfeld, Carleton College; Jordan Navarro, University of Illinois Urbana-Champaign (Mija Van Der Wege, Faculty Sponsor)

**31 How Do People Use Reappraisal? An Investigation of Selection Frequency and Affective Outcomes of Reappraisal Tactics**

Emma Gries, University of Denver; Valeriia Vlasenko, University of Denver (Kateri McRae, Faculty Sponsor)

**32 Tempo effects on music-dependent memory within children and adults**

Madelyn McVey, Anderson; Janell Blunt, Anderson university; Laura Stull, Anderson University (Janell Blunt, Laura Stull, Faculty Sponsor)

**33 Do busy schedules correlate to school performance for strong multitaskers?**

Rebecca Smuck, Augustana College (Daniel Corts, Faculty Sponsor)

**34 Is seeing believing? The role of background speech and visualization on eye-witness memory**

Kelsi Woodard, University of Nebraska at Kearney; Katherine Moen, University of Nebraska at Kearney (Katherine Moen, Faculty Sponsor)

**35 The hindering of academic performance based on physiological measures, classroom content and PTSD symptom severity.**

Estefani Fernández-Patlán, Kansas State University (Dr. Heather Bailey, Faculty Sponsor)

**36 Effects of interview intervals on memory recall among college students**

Jenna Bachus, Wartburg College (Shaheen Munir, Faculty Sponsor)

**37 The effects of social media scrolling on attention**

Olivia Goodwin, Saint Mary's College, Notre Dame (Bettina Spencer, Faculty Sponsor)

**38 Brain Oscillation Changes in Set Sizes**

Claire Weaver, Kansas State University; Kelly Krehbiel; Trevor Bell, Kansas State University; Heather Bailey, Kansas State University (Heather Bailey, Faculty Sponsor)

**39 The relationship between musical mnemonics, tune familiarity, and memory performance**

Grace Howard, Saint Mary's University of Minnesota (Molly O'Connor, Faculty Sponsor)

**40 The effects of orientation of focus and stress on performance**

Madeleine O'Keefe, Wisconsin Lutheran College (Dr. Wendy Close, Faculty Sponsor)

**41 Facial emotion expression recognition by college students with diverse lived experiences**

Lu (Elena) Li, Grinnell College (Ann Ellis, Ryan Miller, Faculty Sponsor)

**42 Does Contrasting Elements of a Formula Help Boost Math Learning?**

Eden Netz, The College of Wooster; Jack Sweeney, The College of Wooster; Aymane Lachhab, The College of Wooster; Ty Thompson, The College of Wooster; Nathan Foster, The College of Wooster (Nathan Foster, Faculty Sponsor)

**43 An Investigation of Visuospatial Bootstrapping**

Marissa Simmons, Ashland University; Mikehlah Carr, Ashland University; Kyleen Culler, Ashland University (Mitchell Metzger, Faculty Sponsor)

**44 The effect of online growth mindset-related single-session interventions on hopelessness and agency in Arabic adolescents as it relates to adverse childhood experiences**

Alexandra Buchlmayer, Holy Cross College; Lucas Snyder, Holy Cross College; Jessica Schleider, Stony Brook University; Myriam El Khoury Malhame, Lebanese American University; Smyrna Khalaf, Regents University; Arielle Smith, Stony Brook University; Laura Jans, Stony Brook University; Ian Sotomayor, Stony Brook University; Teresa El Rahi, Lebanese American University; Danielle Saba, Lebanese American University (Cosette Fox, Faculty Sponsor)

**45 Do ERPs correlate with behavioral responses among those with and without MS?**

Kaylee Spinner, Eastern Illinois University; Carly Nau, Eastern Illinois

University; Shelby Martell, University of Illinois Urbana-Champaign; Shelby Keye, University of Illinois Urbana-Champaign; John Kim, University of Illinois Urbana-Champaign; Naiman Khan, University of Illinois Urbana-Champaign; Anne Walk, Eastern Illinois University (Anne Walk, Faculty Sponsor)

**46 Do Increased Attentional Demands Interact with Mind Wandering and Implicit Learning?**

Cameron Wittschen, Kent State University; Chris Was, Kent State University (Christopher A. Was, Faculty Sponsor)

**47 Can Trust in Government Reduce Political Polarization and Confirmation Bias?**

Abigail Gerty, Ohio State University; Brittany Shoots-Reinhard, The Ohio State University (Brittany Shoots-Reinhard, Faculty Sponsor)

**48 Religious In- and Out-Group Perceptions**

Lilly Bracy, Central College; Kaila Plum, Central College; Allyson Madsen, Central College (Keith T. Jones, Faculty Sponsor)

**49 The impact of delaying feedback for mutual understanding: implications for flipped teaching**

Genevieve Berryman, Augustana College; Megan Markiewicz, Augustana College; Michelle Pacheco, Augustana College; Courtney Thames, Augustana College; Mason Zaccardi, Augustana College; Rupa Gordon, Augustana College (Rupa G. Gordon, Faculty Sponsor)

**50 Engaged in Discussion: Exploring Student Engagement and Course Performance**

Ryan Dix, Kansas State University; Taylor Simonson, Kansas State University; Heather Bailey, Kansas State University (Heather Bailey, Faculty Sponsor)

**51 Extraversion and social attention: An eye-tracking and pupillometry investigation**

Alexa Boland, Bradley University; Sydni Adams, Bradley University (Elizabeth Wiemers, Faculty Sponsor)

**52 Recording-in-progress: Capturing multiple eyewitness lineup behaviors to gauge suspect guilt**

Haagen Toh, Iowa State University; Natalie Sommervold, Iowa State University; Nydia Ayala, Iowa State University; Rebecca Ying, Iowa State

University; Andrew Smith, Iowa State University; Gary Wells, Iowa State University (Andrew M. Smith, Gary L. Wells, Faculty Sponsor)

### **53 Testing whole number bias in third graders**

Morgan Shingledecker, Kent State University; Alexandra Flowers, Kent State University; Veronica Anokhina, Kent State University; Simone Gest, Kent State University; Naseem Mirhaidari, Kent State University; Tierra McClary, Kent State University (Dana Miller-Cotto, Faculty Sponsor)

### **54 Intellectual Humility within the University Setting**

Gabriella Frangopoulos, Valparaiso University; Abbie Thompson, Valparaiso University; Kylie Bowlds, Valparaiso University; Grace Kostoff, Valparaiso University (Abbie Thompson, Faculty Sponsor)

### **55 Top-down effects and memory illusions in handwritten word perception**

Sarah Tuchel, Carthage College; Stephen Goldinger, Arizona State University; Anthony Barnhart, Carthage College (Anthony Barnhart, Faculty Sponsor)

### **56 Replication of Study Investigating Intentional and Unintentional Mind-Wandering**

Julia Brooks, University of Akron; Aubrey Powell, University of Akron; Amy Nuti, University of Akron; Margaret Owino, The University of Akron; Samira Smith, University of Akron; Kayla Whitley, University of Akron; Christina Bristow, University of Akron; Armani Shepherd, University of Akron (Jennifer Tehan Stanley, Faculty Sponsor)

### **57 Does probability format influence risk-taking?**

Megan Gonzalez, Northwestern University; Harry Smith, Northwestern University (Harry David Smith, Faculty Sponsor)

## **PSI CHI AWARD WINNER**

### **58 Individual differences in older and younger adults in specific and gist associative episodic memory**

Jacob Stork, University of Missouri Columbia; Nathaniel Greene, University of Missouri (Moshe Naveh-Benjamin, Faculty Sponsor)

The purpose of this study was to examine individual differences in older and younger adults as potential mediators of associative memory deficits. Age (between older and younger adults and within older adults), gender, years of education, and reported memorization strategy were evaluated. All but gender were hypothesized to be significant.

**59 Dimensions of Childhood Bullying Associated with Psychotic Disorders**

Sanjana Venkat, University of Chicago; Ivvy Hicks, University of Chicago; Barrett Kern, University of Chicago; David Parker, University of Georgia; Carol Tamminga, UT Southwestern; Brett A. Clementz, University of Georgia; Godfrey Pearlson, Hartford HealthCare; Matcheri Keshavan, Harvard; Elliot S. Gershon, University of Chicago; Sarah K. Keedy, University of Chicago (Sarah Keedy, Faculty Sponsor)

**60 Effect of mental illness and gender biases on healthcare workers perception and treatment of patients**

Kaitlin Hicks, Earlham College (Kyle Henning, Faculty Sponsor)

**61 Testing a novel approach to the recovery of missing persons**

Ashley Torres, Penn State University; Andrew Provenzano, Penn State Scranton (Andrew Provenzano, Faculty Sponsor)

**62 Does visual dominance influence looking patterns in adults?**

Erin Vokal, Hope College; Lars Overos, Hope College; Lauren Tocco, Hope College; Natalie Ramsay, HOPE COLLEGE; Chloe Swanson, Hope College; Nycole Kragt, Hope College; Danielle Mitchell, Hope College; Elianna Kuehn, Hope College (Lauren Slone, Faculty Sponsor)

**63 Effects of overprecision on judgements of learning**

Angela Ruehle, Augustana College; Austin Ioerger, Augustana College; Daniel Corts, Augustana College (Dr. Daniel Corts, Faculty Sponsor)

**64 Judgements of Learning and the Anchoring and Adjustment Heuristic**

Austin Ioerger, Augustana College (Daniel Corts, Faculty Sponsor)

**65 Does Locus of Control and Self-Compassion Predict Frustration Tolerance?**

Ariel Ramos, Edgewood College (David Lambert, Ferrinne Spector, Faculty Sponsor)

**66 Leader and follower identity invention**

Erika Allen, Middle Tennessee State University; Rachel Strong, Middle Tennessee State University; Emily Maldonado, Middle Tennessee State University; Denise Ealy, Middle Tennessee State University; Elizabeth Key, Middle Tennessee State University; Andy Teeters, Middle Tennessee State University; Kendall Perssico, Middle Tennessee State University; Karolina



Nieberle, Durham University; James Houston, Middle Tennessee State University (James Houston, Faculty Sponsor)

**67 Face the music: The relationship between music-evoked autobiographical memory, personality and genre preference.**

Amanda Maier, University of St Thomas; Grace Thuringer, University of St Thomas; Aika Ngachu, University of St Thomas; Dikshya Adhikari, University of St Thomas; Greg Robinson-Riegler, University of St. Thomas (Gregory Robinson-Riegler, Faculty Sponsor)

**68 The Role of Programming Activities on Parent-child Spatial Talk**

Winnie Chui, Northwestern University; Brian Andrus, Northwestern University; Naomi Polinsky, Northwestern University; David Uttal, Northwestern University (David Uttal, Faculty Sponsor)

**69 The Impact of Mental Stress on Suggestibility**

Kathryn Recker, Ashland Univeristy (Christopher Chartier, Faculty Sponsor)

**70 The effect of temperature on memory recall of young adults**

Emily Corcoran, Lewis University (Spencer Campbell, Faculty Sponsor)

**71 Action video games and skill transfer: Exploring if congruent contexts matter via FIFA and MOT tasks**

Jacqueline McKeown, Kenyon College; Patrick Ewell, Kenyon College (Patrick J. Ewell, Faculty Sponsor)

**72 Should older adults take their vitamins?: Impacts on memory**

Kayli Potter, Kansas State University; Sarah Sanders, Kansas State University; Taylor Simonson, Kansas State University; Heather Bailey, Kansas State University (Heather Bailey, Faculty Sponsor)

**73 Reminiscence and the Evaluation of Socialization Trends (REST)**

Ellienne Warnes, Kansas State University; Trase McQueen, Kansas State University; Taylor Simonson, Kansas State University; Heather Bailey, Kansas State University (Heather Bailey, Faculty Sponsor)

**74 Impact of unconscious aesthetic evaluations on cognition and affect**

Chandler Carr, Ohio Wesleyan University (Kira Bailey, Faculty Sponsor)

**75 The role of juror age and memory for case facts on guilt ratings in fatal police use of force trials**

Hannah Edwards, Southeast Missouri State University (Chasity Ratliff, Faculty Sponsor)

**76 The effects of natural supplements and antidepressant use on working memory in college students**

Alexandria Umbarger, Indiana University Northwest (Frances Daniel, Faculty Sponsor)

**77 Smartphones, dumb memories? Relating smartphone habits to academic and autobiographical remembering**

Tyler Johnson, University of St. Thomas; Penny Groethe, University of St. Thomas; Ellen Ries, University of St. Thomas; Lia Turro Alvarez, University of St. Thomas (Greg Robinson-Riegler, Faculty Sponsor)

**78 Seeing red or blue: cognitive process differences between conservatives and liberals**

Treva Bellomo, University of St. Thomas; Tyler Johnson, University of St. Thomas; Shiva Ahmadi, University of St. Thomas; Melissa Harris, University of St. Thomas (Gregory Robinson-Riegler, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**79 Symptom severity is independently modified by subjective sleep and prior concussion in active athletes**

Kearnin Van Bortel, Medical College of Wisconsin (Tim Meier, Benjamin Brett, Faculty Sponsor)

The chronic effects of repeat concussions in athletes are serious yet poorly understood. This study investigated the association between multiple prior concussions and overall subjective sleep quality as well as individual aspects of sleep. Additionally, the impact poor sleep has on the total severity of endorsed symptoms was investigated.

**80 The Roles of Gender and Length of Exposure on Impression Formation**

Amelia Pilarski, Carroll University; Tara Schmidt, Carroll University (Tara Schmidt, Faculty Sponsor)

**81 Obsessive perfectionism: Exploring the correlation between perfectionism and obsessive tendencies in undergraduate students**

Jonah Newsom, John Brown University (Kevin Simpson, Faculty Sponsor)

**82 Trauma and well-being among college students**

Gloria Goray, Dominican University; Jhoana Ocampo, Dominican

University; Alexis Konwinski, Dominican University; Cassandra Lewis, Dominican University; Elise Ndoe Gouag, Dominican University (Sophia Duffy, Faculty Sponsor)

**83 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 K. Keedy, University of Chicago (Sarah Keedy, Faculty Sponsor)

**84 Relating executive function to heart rate variability: Expanding our understanding of ADHD-related deficits**

Michaela O'Grady, 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 D. Payne, Faculty Sponsor)

**85 Examining the role of need for cognition in maintaining sustained attention**

Kavya Alagendran, Saint Louis University; Anja Pogarcic, Saint Louis University; Gabriela Miller, Saint Louis University; Allie Sorby, Saint Louis University; Deauna Foster, Saint Louis University; Elizabeth Goddard, Saint Louis University; Priscilla Wangunyu, Saint Louis University; Nicole Sasaki, Saint Louis University; Lisa Willoughby, Saint Louis University (Lisa Willoughby, Faculty Sponsor)

**86 Influence of presentation medium and emotional information content on memory recognition**

Nicholas Silva, John Carroll University; Megan Walsh, John Carroll University (Thomas W. Frazier, Faculty Sponsor)

**87 Effects of Social Media Disinformation on Criminal Trials**

Olivia Kalin, University of Wisconsin - River Falls; Kalea Lorenzi, University of Wisconsin-River Falls (Abigail Jackson, Faculty Sponsor)


**88 Literacy-focused cognitive activities predict health-related quality of life in older adulthood**

Grace Cloherty, Western Kentucky University; Elizabeth Taylor, Western

Kentucky University; Matthew Shake, Western Kentucky University (Matthew Shake, Faculty Sponsor)

**89 Internal vs External Mindfulness Tasks Effect on Problem-Solving**  
Zachary Gerdom, Bradley University

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**Psi Chi Symposium IV**

Thu 11:30AM - 12:20PM Salon 02

**11:30 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.

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**Psi Chi Poster Session VI: Clinical Psychology**

Thu 11:45AM - 12:25PM

Exhibit Hall

**1 Impulsivity as a risk factor for the development of disordered eating behaviors**

Yuxuan Yang, University of Wisconsin-River Falls; Todd Wilkinson, University of Wisconsin - River Falls (Todd Wilkinson, Faculty Sponsor)

**2 Early life stress and symptoms of daytime and nocturnal panic**

Jack Cassell, The University of Alabama; Andrea Decker, The University of

Alabama; Matthew Cribbet, The University of Alabama (Matthew Cribbet, Faculty Sponsor)

**3 The contribution of attention-deficit/hyperactivity disorder symptom severity to nightmare-based dreams.**

Julianna Collazo Vargas, Loyola University Chicago; Zoe Smith, Loyola University Chicago (Zoe Smith, Faculty Sponsor)

**4 Investigating the mediating role of the effect of chronic stress on working memory**

Dalia Einstein, The Ohio State University; Erica Howard, The Ohio State University; Savana Jurgens, The Ohio State University (Jasmeet Hayes, Faculty Sponsor)

**5 Maximizing wins versus minimizing losses: Decision making strategies impact the interpretation of results on the Iowa Gambling Task**

Piper Clark, The Ohio State University; Conor Wince, The Ohio State University (Amy Brunell, Melissa Buelow, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**6 The moderating effects of mentorship on the link between family stress and psychopathology among Black youth**

Rachel Chiu, Northwestern University; Phoebe Lam, Northwestern University; Johanna Dezil, Northwestern University; Vanessa Obi, Northwestern University; Edith Chen, Northwestern University (Edith Chen, Faculty Sponsor)

This study examined whether positive mentorship buffered the impact of family stress on psychopathology among Black youth. Results suggest that having mentors with more (vs. fewer) positive attributes attenuated the link between family stress and psychopathology. These findings may inform interventions aiming to reduce racial disparities in psychopathology.

**7 Does socioeconomic status relate to coping styles in college students?**

Ebonie Byrd, Southern Illinois University Edwardsville; Sydney Lucas, Southern Illinois University Edwardsville; Sara VanEsler, Southern Illinois University Edwardsville; Peyton Williams, Southern Illinois University Edwardsville; Jaydyn Zykan, Southern Illinois University Edwardsville (Laura Pawlow, Faculty Sponsor)

**8 The contribution of cognitive disengagement syndrome in emotion dysregulation**

Eva Darow, Nationwide Children's Hospital; Julianna Collazo Vargas, Loyola

University of Chicago; Zoe Smith, Loyola University Chicago (Zoe Smith, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**9 Path to progress: A validation study for the p factor**

Jafer Alkalaf, Southern Illinois University Edwardsville; Teanna Cattani, Southern Illinois University Edwardsville; Kaitlyn John, Southern Illinois University Edwardsville; Kayla Myers, Southern Illinois University Edwardsville; Kiya Rainey, Southern Illinois University Edwardsville (Dr. Ro, Faculty Sponsor)

The p factor is a theoretical general risk factor for psychopathology. Our objective is to provide validation for the p factor by assessing its four proposed dimensions. We will also use the p factor to predict mental health, specifically, quality of life, psychosocial disability, and symptoms of depression and anxiety.

**10 Mental health disparities between heterosexual and LGBTQIA+ parents in Appalachia**

Jacob Hall, Marshall University; Mallory Stanley, Marshall University (Melissa S. Atkins, Faculty Sponsor)

**11 A mental health crisis: Changing rates of self-reported diagnoses due to the COVID-19**

Samantha McDonald, The Ohio State University; Nicholas Wear, The Ohio State University (Jennifer M. Kowalsky, Amy B. Brunell, James H. Wirth, Bradley M. Okdie, Melissa T. Buelow, Faculty Sponsor)

**12 An investigation of student psychological well-being: transfer versus non-transfer undergraduate students**

Madison Wheeler, Grand Valley State University; Lawrence Burns, Grand Valley State University (Lawrence Burns, Faculty Sponsor)

**13 The relationship between aspects of nonrestorative sleep and disordered eating symptoms**

Lauren Morris, Western Kentucky University (Amy Brausch, Faculty Sponsor)

**14 Perceived dangerousness of criminal suspects diagnosed with a mental illness**

Lauren Hedman, Eastern Illinois University (Caridad F Brito, Faculty Sponsor)

**15 Mental health help-seeking intentions & coping strategies of Chinese international students**

Carolyn Ji, University of Michigan (Donna Nagata, Faculty Sponsor)

**16 The effect of social media usage of college students' mental health, eating attitudes, and feelings of loneliness**

Karlie Bellante, University of Wisconsin - La Crosse (Ryan McKelley, Faculty Sponsor)

**17 Help-seeking for mental health care among asian american college students**

Pavani Unnam, University of Illinois Springfield; Dhara Patel, University of Illinois Springfield (Frances Shen, Faculty Sponsor)

**18 Relationships between social support, grit, perceived stress, indicators of PTSD, locus of control, and coping strategies among first responders**

Ri Grenstiner, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**19 The interplay of maternal depression and anxiety on offspring's self-reported emotional reactivity**

Saranya Menon, University of Illinois at Chicago (Katie Burkhouse, Faculty Sponsor)

**20 Is childhood trauma associated with current cognitive disengagement syndrome symptoms in college students?**

Logan Phengsomphone, Loyola University Chicago (Zoe Smith, Faculty Sponsor)

**21 The association between cognitive disengagement syndrome, disassociation and self-awareness**

Catherine Humberston, Loyola University Chicago; Laurel Miskovic, Loyola University Chicago; Logan Phengsomphone, Loyola University Chicago; Eva Darow, Nationwide Children's Hospital (Zoe Smith, Faculty Sponsor)

**22 Playing both parts: Racial slurs and depression as victims and perpetrators**

Lazo Dordeski, Oakland University; Kanako Taku, Oakland University (Kanako Taku, Faculty Sponsor)

**23 Differences in the relationships among grit, social networks, mindset, and hope between athletes in individual sports versus team sports**

Garrett Determan, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

**24 Masculinity, femininity, and dignity: Examining the relationship between gender expression and respect**

Ashton Lyvers, Western Kentucky University; Amy Brausch, Western Kentucky University (Amy Brausch, Faculty Sponsor)

**25 Trait emotion regulation predicts experimental negative affect reactivity**

Isabella Peckinpugh, Purdue University; Skye Napolitano, Purdue University (Sean Lane, Faculty Sponsor)

**26 Stressed or refreshed? Relationships between stress pride, self-care, and resilience**

Alycen Greenwood, Truman State University; Duy Le, Truman State University; Melody Zakarian, Truman State University; Alli Duncan, Truman State University (Katie Judd, Faculty Sponsor)

**27 Predictors and consequences of peer aggression in familiar and unfamiliar environments: a longitudinal study spanning ages 3-10 years**

Erna Chiu, University of Michigan; Sujin Lee, University of Michigan (Sheryl Olson, Faculty Sponsor)

**28 Personality functioning versus traits as predictors of undergraduates' life satisfaction**

Rachel Whaley, Truman State University; Morgan Ireland, Truman State University; Claire Parson, Truman State University; Taylor Combites, Truman State University (Jeffrey Vittengl, Faculty Sponsor)

**29 Parental influences on coping motivation and alcohol problems among female drinkers during the transition to college**

Emily Chua, University of San Diego; Jennifer DeSantis, University of San Diego; Isabel Ichiyama, University of San Diego; Michael Ichiyama, University of San Diego (Dr. Michael Ichiyama, Faculty Sponsor)

**30 Brief mindfulness interventions for youth in the juvenile justice system: A systematic review**

Ava Tucker, University of Missouri, Columbia; Suh Jung Park, University of Missouri, Columbia; Jenna Schopen, University of Missouri, Columbia; Ashlyn Neppel, University of Missouri, Columbia; Riley Maher, University of



Missouri - Columbia; Kristin Hawley, University of Missouri, Columbia (Kristin Hawley, Faculty Sponsor)

**31 Self-concept in relation to birth order and gender**

Abigail Yost, Baldwin Wallace University (Jennifer Perry, Brian Thomas, Faculty Sponsor)

**32 Instant gratification, inattentive, and impulsive behaviors in college students**

Hannah Thomson, Manchester University (Mark McCoy, Faculty Sponsor)

**33 The implications of increased video chatting during/after COVID-19: Examining relationships between cognitions about one's body and appearance modification behaviors**

Sneha Kamath, Bowling Green State University; Stephanie Sattler, Bowling Green State University; Dara Musher-Eizenman, Bowling Green State University (Dara Musher-Eizenman, Faculty Sponsor)

**34 Social support as a predictor of food addiction in undergraduate students**

Faith Bibby, Anderson University (Laura Stull, Faculty Sponsor)

**35 Risk-taking behaviors before and during the COVID-19 pandemic**

Nicholas Wear, The Ohio State University; Samantha McDonald, The Ohio State University (Bradley M. Okdie, Amy B. Brunell, James H. Wirth, Jennifer M. Kowalsky, Melissa T. Buelow, Faculty Sponsor)

**36 College professional's perceptions of evidence-based programs for alcohol prevention based on community style**

Jacklyn Vanderbilt, University of Missouri - Columbia; Robin Arnold, University of Missouri - Columbia; Ashley Helle, University of Missouri - Columbia (Ashley Helle, Faculty Sponsor)

**37 A social cognitive examination of general and specific aspects of antagonism**

Nicholas Edwards, Northwestern University; Trevor Williams, Northwestern University; Vijay Mittal, Northwestern University (Trevor Williams, Vijay Mittal, Faculty Sponsor)

**38 The effects of antidepressants on behavioral inhibition: an ERP study**

Kaitlyn Partridge, University of Wisconsin Green Bay; Jason Cowell, University of Wisconsin- Green Bay (Jason Cowell, Faculty Sponsor)

**39 Perceptions of illness control across recovery strategies and outcomes in alcohol use disorder**

Nolan Ellis, University of Indianapolis (Jordan Waldron, Faculty Sponsor)

**40 The impact of distractors on a cognitive processing task: Implications for the ADHD population**

Mackenzie Taylor, University of Wisconsin - La Crosse (Tanvi Thakkar, Faculty Sponsor)

**41 The role of age during traumatic experiences in autobiographical memory and emotion regulation**

Riley Ampt, Anderson University (Laura Stull, Faculty Sponsor)

**42 The impact of timing and severity of traumatic brain injuries on the neurodynamics of empathic processing**

Karsten Cowan, University of Wisconsin-Green Bay; Matthew Mitchell, University of Wisconsin-Green Bay; Shayla Warren, University of Wisconsin - Green Bay; Jason Cowell, University of Wisconsin- Green Bay (Jason M. Cowell, Faculty Sponsor)

**43 Qualitative study on preferred treatment for depression in Morocco and the United States**

Karley Knudson, University of Minnesota Duluth (Kathy Dowell, Faculty Sponsor)

**44 Discrimination, fear of deportation and US nativity as predictors of PTSD and depression symptoms in a latinx community sample**

Kevin Escobar, University Nebraska Lincoln; Arthur Andrews, University Nebraska Lincoln; Sara reyes, University Nebraska Lincoln; Sandra Mariely Estrada Gonzalez, University Nebraska Lincoln; Carmen Pulido, University Nebraska Lincoln; Romeo Guerra, University Nebraska Lincoln; Olga Calcedo, University Nebraska Lincoln (Arthur R. Andrews, Faculty Sponsor)

**45 The association between binge-watched television, genre, depression, and attitudes towards suicide in college students**

Emma Alpern, Wartburg College (Shaheen Munir, Faculty Sponsor)

**46 Confronting death: A mixed-methods exploration of beliefs and existential angst**

Travis Faustin, Saginaw Valley State University; Kaitrin Kraly, Saginaw

Valley State University; Stephanie Wisniewski, Saginaw Valley State University (Travis Pashak, Faculty Sponsor)

**47 Psychological needs assessment of pediatric cancer patients via retrospective chart review**

Riley Maher, University of Missouri - Columbia; Dawn Huber, University of Missouri - Columbia; Emilie Sparrow, University of Missouri - Columbia (Dawn Huber, Faculty Sponsor)

**48 Examining factors associated with NSSI-related stigma using decision tree analysis**

Qinxiao Wu, University of Notre Dame; Caitlin O'Loughlin, University of Notre Dame; Brooke Ammerman, University of Notre Dame (Brooke Ammerman, Faculty Sponsor)

**49 The influence of false narcissism feedback on leadership skills and moral decision making**

Jarrett Rardon, The Ohio State University (Melissa Buelow, Amy Brunell, Faculty Sponsor)

**50 Emotion dysregulation and psychopathology after injury**

Emilie McLeod, Medical College of Wisconsin; Sydney Timmer-Murillo, Medical College of Wisconsin; Terri deRoon-Cassini, Medical College of Wisconsin (Terri deRoon-Cassini, Faculty Sponsor)

**51 The Effect of Brief Intervention on Delinquency Outcomes for Justice-Involved Youth: A Scoping Review.**

Jenna Schopen, University of Missouri, Columbia; Suh Jung Park, University of Missouri, Columbia; Ava Tucker, University of Missouri, Columbia; Ashlyn Neppel, University of Missouri, Columbia; Riley Maher, University of Missouri - Columbia; Kristin Hawley, University of Missouri, Columbia (Kristin Hawley, Faculty Sponsor)

**52 The Effect of Problematic Social Media Use on Depressive Symptoms**

Jess Feezor, Murray State University; Chloe Williamson, Murray State University; Duncan Jordan, Murray State University (Gage Jordan, Faculty Sponsor)

**53 Association between negative drinking consequences and indexes of alcohol demand**

Ally Pope, Buena Vista University; Julianna Gates, Buena Vista University; Madison Whalen, Buena Vista University; Hunter Wray, Buena Vista

University; Kiaya Pernick, Buena Vista University; Steven Beckwith, Buena Vista University (S. Wesley Beckwith, Faculty Sponsor)

**54 Skin conductance level and its association with camouflaging score in individuals with autism spectrum disorder**

Noura Alhachami, University of Missouri Columbia (David Beversdorf, Faculty Sponsor)

**55 Development of an alcohol frontloading questionnaire**

Kiaya Pernick, Buena Vista University; Hunter Wray, Buena Vista University; Ally Pope, Buena Vista University; Julianna Gates, Buena Vista University; Madison Whalen, Buena Vista University; Steven Beckwith, Buena Vista University (S. Wesley Beckwith, Faculty Sponsor)

**56 Alcohol demand's relationship with college student alcohol frontloading**

Julianna Gates, Buena Vista University; Ally Pope, Buena Vista University; Kiaya Pernick, Buena Vista University; Madison Whalen, Buena Vista University; Hunter Wray, Buena Vista University; Steven Beckwith, Buena Vista University (S. Wesley Beckwith, Faculty Sponsor)

**57 The unique association between racism-related traumatic stress and racism-related vigilance**

Nicholas Henigman, University of Missouri Columbia; Donte Bernard, University of Missouri Columbia (Donte Bernard, Faculty Sponsor)

**58 Bounded biases: mental health providers' bias and stigma in BDSM and Kink**

Briana Kunstman, Augustana College; Alexandra Barringer, Augustana College (Alexandra Barringer, Faculty Sponsor)

**59 Evaluating the association of self-efficacy on changes in PTSD symptoms**

Chiara Awatramani, University of Illinois at Urbana Champaign; Rhea Mundle, Rush University Medical Center; Emily Patton, Rush University Medical Center; (Sarah Pridgen, Faculty Sponsor)

**60 Early-life trauma: Severity and cumulative measurement as related to psychological inflexibility and mindfulness**

Micah Williams, The University of Iowa (Emily B. K. Thomas, Faculty Sponsor)

**61 The effects of religious struggle on internalized homophobia and wellbeing in lesbian, gay, and bisexual individuals.**

Jana Hamade, Southern Illinois University Edwardsville; Rachel Bradley, Southern Illinois University Edwardsville (Dr. Rachel Bradley, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**62 Coping My Pain Away: Coping with Breakup Distress**

Kristen Edwards, Murray State University (Jana Hackathorn, Faculty Sponsor)

The current study examined how people cope with breakup distress. Analyses indicated breakup distress predicts maladaptive and adaptive coping, and also self-related breakup specific changes (e.g., the haircut). Implications for understanding post-breakup specific coping will be discussed. Lastly, a description of common post-breakup coping behaviors will be presented.

**63 The PSASE Project: Impact of a Vocational Intervention on Application Self-Efficacy**

Alex Chavez, Drake University; Brittany Scott, Drake University; Bridgette Browning, Drake University; Meaghan Rowe-Johnson, Drake University (Meaghan Rowe-Johnson, Faculty Sponsor)

**64 Gender as a moderator in the relationship between drinking behaviors and negative consequences**

Clay Snyder, University of Missouri, Columbia; Timothy Trull, University of Missouri- Columbia (Tim Trull, Faculty Sponsor)

**65 Perceiving Anxiety: The Roles of Labeling, Knowledge, Age**

Kaila Plum, Central College (Keith Jones, Faculty Sponsor)

**66 Presence of Evidence-Based Substance Use Prevention Strategies and Service Provider Openness to Evidence-Based Strategies in Religiously Affiliated vs. Non-Religiously Affiliated Higher Education Institutions**

Elizabeth Widiger, University of Missouri- Columbia; Robin Arnold, University of Missouri - Columbia; Ashley Helle, University of Missouri - Columbia (Ashley Helle, Faculty Sponsor)

**67 Prison adjustment of inmates with schizophrenia and other severe mental illness**

Morgan Shayler, University of Missouri - Columbia (John Kerns, Faculty Sponsor)

**68 The Psychometric Development of the Likelihood to Take Feedback from Others Scale**

Mikaela Sullivan, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

**69 Interactions between rape crisis advocates during focus groups**

Nicole Patel, DePaul University; Megan Greeson, DePaul University (Megan Greeson, Faculty Sponsor)

**70 The Effects of Activation and Values-Enhanced Activation on Mood**

Joshua Bock, Bowling Green State University; Daniel Maitland, Bowling Green State University (Daniel Maitland, Faculty Sponsor)

**71 Factor analysis of Neuroticism**

Peirong She, Northwestern University; Rick Zinbarg, Northwestern University; Michelle Craske, University of California, Los Angeles; Emma Adam, Northwestern University; Denise Chavira, University of California, Los Angeles; Judy Garber, Vanderbilt University; George Abitante, Vanderbilt University (Richard E Zinbarg, Faculty Sponsor)

**72 Correction of bias towards people with mental illness**

Kelly Lin, The Ohio State University (Duane Wegener, Faculty Sponsor)

**73 The influence of racial identity and mental health stigma on social disclosure**

Elizabeth Farren, Bowling Green State University; Daniel Maitland, Bowling Green State University (Daniel Maitland, Faculty Sponsor)

**74 Exploring how schools support newcomer students and parents**

Elani Williams, Loyola University Chicago; Susana Sosa, Loyola University Chicago; Yvita Bustos, Loyola University Chicago (Cate DeCarlo Santiago, Faculty Sponsor)

**75 “Think you have it bad?” competitiveness, stigma, and mental health**

Sam Freville, Murray State University (Michael Bordieri, Faculty Sponsor)

**76 Maternal Depression Trajectories of Mothers of Preterm- and Term Infants**

Callahan Morton, The University of Iowa; Paige Nelson, University of Iowa; Ece Demir-Lira, University of Iowa (Ece Demir-Lira, Faculty Sponsor)

**77 Effects of self-monitoring and visual feedback on mathematical frustration with a neurodiverse learner**

Callie Saperston, Carthage College; (Dennis Munk, Faculty Sponsor)

**78 The effects of awe and mindfulness walking interventions on students stress**

Raqiyah Morrow, Denison University (Erin Henshaw, Faculty Sponsor)

**79 Effects of Mindfulness on Student Anxiety & Motivation on Studying**

Darius Bryant, Denison University (Dr. Erin Henshaw, Faculty Sponsor)

**80 Psychological flexibility, eating disorders, and perfectionism**

Kinlee Hobbs, Murray State University (Michael Bordieri, Faculty Sponsor)

**81 Assessment of various psychometric scales of perfectionism**

Brianna Lawry, University of Akron (Charles Waehler, Faculty Sponsor)

**82 Do drinking motivations moderate the relationship between personality and alcohol severity?**

Ben Pfeifer, University of Missouri - Columbia (Dr. Tim Trull, Faculty Sponsor)

**83 Youth therapy and COVID-19: Comparison of pre-COVID and during COVID therapy in therapeutic alliance, treatment access, and therapeutic outcomes**

Natalie Koelling, University of Missouri; Debora Bell, University of Missouri; Suh Jung Park, University of Missouri, Columbia (Debora Bell, Faculty Sponsor)

**84 Feelings Of Incompleteness, Are They Related To OCD?**

Daro-Kiersten Chalker, Carthage College; Lin Sensenbrenner, Carthage College; Tyler Pasquale, Carthage College; Gabrielle Pavesich, Carthage College; Halle Borree, Carthage College (Sara O'Brien, Faculty Sponsor)

**85 Multidimensional perfectionism and sleep disturbance; Roles of sleep interfering and interpreting processes**

Trenton Nobbe, Ball State University; Arash Assar, Ball State University; Natalie Mitchem, Ball State University; Allison Sederlund, Ball State University; Olivia Hovermale, Ball State University; Emmanuella Asiamampong, Ball State University; Anjolie Diaz, Ball State University (Anjolie Diaz, Faculty Sponsor)

**86 Personality and alcohol use, substance use, and poly-substance use disorders**

Lauren Sanderson, University of Notre Dame; Lee Anna Clark, University of Notre Dame (Lee Anna Clark, Faculty Sponsor)

**87 Presence and search of life meaning during COVID-19: Examining narrative themes and the roles of COVID-19 stress and religiosity**

Aaliyah Abdi, Augsburg University; Alex Ajayi, Augsburg University; Ryan Fechner, Augsburg University (Alex Ajayi, Faculty Sponsor)

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**Psi Chi Data Blitz I**

Thu 2:00PM - 3:00PM

Kimball

Moderator: Jason Runyan, Indiana Wesleyan University

This series of 5-minute talks, each providing a quick overview of the specific research project, will offer a fast-paced tour through some of the most exciting undergraduate research submitted for this year's convention.

**2:00 Maternal mental health and affect recognition in preterm and full-term born children**

Sabrina Brown, University of Iowa; Ashby Martin, University of Iowa (Ece Demir Lira, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**2:08 Exploring the validity of natural language processing tools in psychosis assessment**

Kim Görner, University of Toledo; Gregory Meyer, University of Toledo; Joni Mihura, University of Toledo (Joni L. Mihura, Faculty Sponsor)

Natural language processing (NLP) offers strong potential for a novel, objective, and highly efficient way to assess psychosis. The present study compares the validity of several NLP tools in assessing disorganized speech to clinician ratings of disorganized speech in inpatients.

**2:16 Faith and Mental Health during COVID-19 Focus Group**

Aiyana Jollie-Trottier, Concordia College-Moorhead; Mona Ibrahim, Concordia (Mona Ibrahim, Faculty Sponsor)



**2:24 Maladaptive Coping Mechanisms Effect on Attitudes Toward Seeking Treatment for Depression**

Anikait Gadi, Ohio State University; Duane T. Wegener, The Ohio State University; Catherine King, Ohio State University (Duane Wegener, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**2:32 Examining whether clinician racial biases in pain treatment are moderated by patient compositional diversity**

Kathleen L. Hopps, University of Denver; Stacie L. Daugherty, Kaiser Permanente; Kennon Heard, University of Colorado School of Medicine; Amy Wachholtz, University of Colorado Denver; Charlie Huntington, University of Denver; E. Paige Lloyd, University of Denver (E. Paige Lloyd, Faculty Sponsor)

The current work investigates patterns of clinician racial biases in pain treatment, moderated by patient compositional diversity (e.g., Are doctors serving more diverse communities more or less biased in pain care recommendations?). The goal of this work is to motivate more equitable and higher quality care for all patients.

**2:40 The impact of different study schedules on learning in adults with and without ADHD**

Natalie Ramsay, Hope College; Chloe Swanson, Hope College (Lauren K. Slone, Faculty Sponsor)

**2:48 The impact of student mindset and instructor feedback orientation on student evaluations of teaching comments**

Rianna Roush, Southern Illinois University Edwardsville (Lynn Bartels, Faculty Sponsor)

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## Psi Chi Symposium V

Thu 2:00PM - 2:50PM

Salon 02

### **2:00 Let's Talk about Member Engagement: Psi Chi Officers and Advisors Conversations**

Keely Cline, Northwest Missouri State University; Jason McCain, Northwest Missouri State University; Kaelyn Dutton, Northwest Missouri State University; Kylie Hansen, Northwest Missouri State University; Cydnee Kalkas, Northwest Missouri State University; Sierra Merritt, Northwest Missouri State University

We invite Psi Chi members who currently (and/or who aspire to) hold leadership positions in their chapters as well as chapter advisors to participate in roundtable discussion focused on promoting engagement. Attendees will be encouraged to reflect on challenges and effective strategies for overcoming barriers to having an active chapter.



## **Psi Chi Awards Presentation and Diversity Event**

Thursday, 3:30PM – 5:00PM

Wabash

Moderators: Cosette Fox, Holy Cross College and Keely Cline, Northwest Missouri State University; Vinita Puri, Yorkville University

### **3:30 Psi Chi Research Awards Presentation and Diversity Event**

3:30 Psi Chi Research Awards Presentation and Diversity Event Cosette Fox, Holy Cross College; Martha Zlokovich, Psi Chi Executive Director; Ngoc Bui, Psi Chi Past President & the Psi Chi Midwestern Steering Committee: Faculty: Keely Cline, Northwest Missouri State University; Marcie Coulter-Kern, Manchester University; Lindsey Root Luna, Hope College; Jason Runyan, Indiana Wesleyan University; Marjorie Schaffer, Saint Mary's College; Students: Alexandra Buchlmayer, Holy Cross College; Erin Freiburger, Indiana University; Psi Chi Diversity Advisory Council (DAC) members: Gabrielle Smith, Texas Woman's University; Jason Edwards, University of Missouri; Vinita Puri, Yorkville University

All Psi Chi students and faculty advisors are invited to come and enjoy some refreshments and to recognize the achievements of our student researchers.

Awards will be presented at 3:30pm followed by a fun event for all, that promotes diversity in psychology and includes a drawing for prizes.

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**Psi Chi Poster Session VII: Basic and Applied Psychology**

Fri 8:00AM - 8:40AM

Exhibit Hall

**1 An Examination of Emotional Neglect and Maternal Anxiety in Pregnant and Postpartum Black Women**

Ravnit Mangat, Kent State University; Keaton Somerville, Kent State University (Dr. Angela Neal-Barnett, Faculty Sponsor)

**2 Social Distance, Loneliness, and Stigma**

Carissa Zirbel, Bowling Green State University; Daniel Maitland, Bowling Green State University (Daniel Maitland, Faculty Sponsor)

**3 Art Therapy and Depression: A Meta-Analysis**

Alexander Cram, Shawnee State University (Dr. Brian Richards, Faculty Sponsor)

**4 The relationship between self-development self-efficacy and symptoms of depression and anxiety in college students**

Parker Kent, Southern Illinois University Edwardsville (Andrew M. Pomerantz, Faculty Sponsor)

**5 Examining the Effects of MORE vs. CBT on Negative Emotional Processes in Nicotine Dependence**

Elizabeth Sekarski, University of Missouri-Columbia; Brett Froeliger, University of Missouri-Columbia; Stephen Craig, University of Missouri-Columbia (Brett Froeliger, Faculty Sponsor)

**6 The association of anxiety on spontaneous emotion regulation and the late positive potential**

Mia Utayde, University of Notre Dame; Kristin Sanders, University of Notre Dame; Elizabeth Kensinger, Boston College; Jessica Payne, University of Notre Dame (Jessica Payne, Faculty Sponsor)

**7 Challenges and supports newcomer families experienced during the COVID-19 pandemic**

Paloma Unda, Loyola University Chicago; Susana Sosa, Loyola University Chicago (Catherine DeCarlo Santiago, Faculty Sponsor)

**8 Augmented effects of attentional control disruption on trauma exposed PTSD symptomology in a college sample**

Dwayne Matthiesen, Northern Illinois University; Brandon Davis, Northern Illinois University (Holly Orcutt, Faculty Sponsor)

**9 Day-level analysis of contributing factors in shame experienced following drinking events in women with borderline personality disorder**

Madison Nieuwenhuizen, University of Missouri- Columbia; Tayler Vebares, University of Missouri- Columbia; Timothy Trull, University of Missouri- Columbia (Tayler Vebares, Timothy Trull, Faculty Sponsor)

**10 Mediating factors affecting the relationship between social support and adverse mental health outcomes**

London Fischer, St. Cloud State University (Maegan Jones, Faculty Sponsor)

**11 Inked in blood: Clarifying the relationship between having tattoos and NSSI**

Carlos Benito Murga, University of Notre Dame (David Watson, Faculty Sponsor)

**12 Orthorexia Nervosa: The roles of attachment and psychological needs**

Allie McLarty, Illinois State University; Estrella Gomez Hernandez, Illinois State University (Suejung Han, Faculty Sponsor)

**13 Attachment to God as a form of religious coping for mental illness**

Sarah Borgman, Hope College; Heather Van Dort, Hope College (Katheryn Kelley, Faculty Sponsor)

**14 What is a legacy? Ethical wills and values as wealth**

Kristen Johnson, Northwestern University; Hollen Reischer, University at Buffalo (Hollen Reischer, Faculty Sponsor)

**15 Associations among Dreams, Sleep, Dissociation, Traits, and Trauma**

Yining Zhang, University of Notre Dame (David Watson, Faculty Sponsor)

**16 Gender Differences in Pornography Addicts: Trust and Comfort in Trust and Comfort**

Albert Rosas, Earlham College (Maggie Thomas, Angel Muñoz, Faculty Sponsor)

**17 Promoting resilience through social support, perceived control, and coping in individuals with trauma history**

MacKenna Shampine, Hope College (Lindsey Root Luna, Faculty Sponsor)

**18 Detection of critical signals in presence and absence tasks in a CPT**

Maya Steiger, Otterbein University; Cynthia Laurie-Rose, Otterbein University (Cindy Laurie-Rose, Faculty Sponsor)

**19 The relationship between anxiety, resiliency, and cognitive failures.**

Lillian Deschene, University of St. Thomas; Alex Bushard, University of St. Thomas; Lily Wiest, University of St. Thomas; Hailey Sobkowicz, University of St. Thomas (Gregory Robinson-Riegler, Faculty Sponsor)

**20 The effects of ventilation on cognitive performance**

Peyton Boll, South Dakota State University (Dr. Tyler Miller, Faculty Sponsor)

**21 COVID-19 and Autobiographical Memory**

Katelyn Hendrickson, University of St. Thomas; Meriah Kirschstein, University of St. Thomas; Otto Gaulke, University of St. Thomas (Gregory Robinson-Riegler, Faculty Sponsor)

**22 Training implicit biases that may be detected on the Implicit Association Test**

Maiya Nate, University of Wisconsin - La Crosse; Maggie Kaiser, University of Wisconsin - La Crosse; Katherine Osborne, University of Wisconsin - La Crosse (Alexander O'Brien, Faculty Sponsor)

**23 Approaches to Social Media and their Relationship to Empathy and Well-being**

Nathanael Doyle, Augustana College (Daniel Corts, Faculty Sponsor)

**24 Predicting Stress and Stress Recovery in “Real-Time” Using Affect, Cortisol, and Health Assessments**

Elizabeth D'sa, University of Notre Dame; Cindy Bergeman, University of Notre Dame; Niccole Nelson, University of Notre Dame (Dr. Cindy S Bergeman, Faculty Sponsor)

**25 Memory strength and processing of abstract vs. concrete item relations**

Blake Atterbury, Northern Illinois University; Katja Wiemer, Northern Illinois University (Katja Wiemer, Faculty Sponsor)

**26 The Effects of Threat Sensitivity and Positive Childhood Experiences on Emotional Memory and Stress Response**

Victoria Kuprewicz, 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 D. Payne, Faculty Sponsor)

**27 Interpretation of Grammatical Gender among Monolingual English Speakers**

Diego De Gregorio, Lindenwood University (Michiko Nohara-LeClair, Faculty Sponsor)

**28 Exploring Academic Accessibility and Perception of Universal Design for Learning in Postsecondary Education**

Kaylee Zipperer, Lakeland University; Mikalea Pingel, Lakeland University; Lydia Iwanski, Lakeland University; Baylee Babcock, Lakeland University; Jessica Kalmar, Lakeland University (Jessica Kalmar, Faculty Sponsor)

**29 The Relationship Between ADHD Symptoms and Processing of Digit Ensembles**

Emily Andrews, University of Central Arkansas; Caroline Danforth, University of Central Arkansas; Kenith Sobel, University of Central Arkansas; Amrita Puri, University of Central Arkansas (Amrita Puri, Faculty Sponsor)

**30 Relationship between Creativity and Mental Rotation**

Yasmeen Abdullah, Saint Xavier University (Dr. DeGirolamo, Faculty Sponsor)

**31 Distress levels of Division II student-athletes during the COVID-19 pandemic**

Regan Ott, Wayne State College (Tatiana Ballion, Faculty Sponsor)

**32 Meta-analysis of psychological profiling: overall accuracy and factors that influence accuracy**

Kimberly Cummings, University of Wisconsin-Platteville (Alec Eshelman, Faculty Sponsor)

**33 The social stigma around mental health struggles and the impact on help-seeking behavior by student-athletes at a small midwestern**

**university**

Lisa Schot, Cardinal Stritch University (Sahnya Thom, Faculty Sponsor)

**34 Hearing productivity: Music and productivity study**

Sydney Beins, Lindenwood University (Michiko Nohara-LeClair, Faculty Sponsor)

**35 The role of psychopathy and motivational factors in academic cheating**

Molly Armstrong, Ball State University; Alexandria Johnson, Ball State University (Alexandria Johnson, Faculty Sponsor)

**36 The hierarchical structure of traits and values in an undergraduate sample.**

Catherine Wu, Northwestern University; Raul Espana, Northwestern University (Jennifer L. Tackett, Faculty Sponsor)

**37 The intersection between ambivalent sexism and target race on participants' intent to intervene in a sexual assault**

Cheyenne Mauricio, Aurora University; Lucia Gamez, Aurora University (Renae Franiuk, Faculty Sponsor)

**38 Interrupting the discrimination-distress link: religious commitment and racial identity**

Derrick Garth, Iowa State University (Nathaniel Wade, Faculty Sponsor)

**39 The relationship between personality and conspiracy theory belief**

Tanner Randol, Central College; Tessa Brubaker, Central College; Addison May, Central College (Ashley Scolaro, Faculty Sponsor)

**40 The relationship between government trust, political ideology and conspiracy theory belief**

Leah Gilbertson, Central College; Luke Henkhaus, Central College; Clark Hood, Central College (Ashley Scolaro, Faculty Sponsor)

**41 Ethanol induced conditioned place aversion in female Japanese Quail**

Shannon Donahue, Slippery Rock University; Totionna Hill, Slippery Rock University; Megan Holbein, Slippery Rock University; Amanda Shook, Slippery Rock University; Madeline Smith, Slippery Rock University of Pennsylvania; Trina States, Slippery Rock University; Samantha Wise, Slippery Rock University (Beth Ann Rice, Faculty Sponsor)



**42 The relationship between personality and hawkish/dovish perspectives**

Mariah Sanders, Anderson University (Laura Stull, Faculty Sponsor)

**43 Factors influencing mock juror civil awards for wrongful convictions**

Joel Bradley, University of Nebraska at Kearney; Krista Forrest, University of Nebraska at Kearney (Krista D. Forrest, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**44 Researchers are underutilizing accurate prayer measures in favor of frequency**

Sophia Curriel, Augustana University; Ariel Schillerberg, Augustana University; Avery Carder, Augustana University (Benjamin Jeppsen, Faculty Sponsor)

A meta-analysis of two decades of prayer-related research was conducted to assess whether researchers were using accurate prayer measurements. This study discovered that researchers still rely heavily on simplistic prayer frequency as a prayer measurement in comparison to quality multidimensional measures that are severely underutilized.

**45 Why and How: A Qualitative Exploration of Why U.S. Adults Engage in Mixed-Sex Threesomes and How They Are Negotiated**

Taylor Grosse, University of Minnesota - Duluth; Jacinda Gardner, University of Minnesota Duluth; Ashley Thompson, University of Minnesota Duluth (Ashley Thompson, Faculty Sponsor)

**46 Teacher Educator's Views at Northwest Missouri State University**

Kylie Hansen, Northwest Missouri State University; Quinn Weakley, Northwest Missouri State University; Cydnee Kalkas, Northwest Missouri State University (Jason McCain, Faculty Sponsor)

**47 Dangerous driving: Associations with weapons carrying, traffic violations, and at-fault accidents**

Eden Conroy, University of Iowa; Michelle Kelley, Old Dominion University; Brooke Puharic, Virginia Consortium Program; Megan Strowger, Old Dominion University; Hanna Zakharenko, University of Maryland (Michelle Kelley, Faculty Sponsor)

**48 The relationship between fondness of horror movies and openness to experience**

Claire Waller, Baldwin Wallace University (Charles Levin, Faculty Sponsor)

**49 Effects of active learning strategies and readability on exam outcomes**

Johnna Brown, Morehead State University; Madison Cornelius, Morehead State University; Daisy Pratt, Morehead State University; Grace Stubblefield, Morehead State University; Gregory Corso, Morehead State University (Gregory M. Corso, Faculty Sponsor)

**50 The effect of mood congruency on recall**

Madison Cornelius, Morehead State University; Johnna Brown, Morehead State University; Daisy Pratt, Morehead State University; Grace Stubblefield, Morehead State University; Gregory Corso, Morehead State University (Gregory M. Corso, Faculty Sponsor)

**51 Exam accuracy resulting from different general and induced anxiety levels**

Daisy Pratt, Morehead State University; Johnna Brown, Morehead State University; Madison Cornelius, Morehead State University; Grace Stubblefield, Morehead State University; Gregory Corso, Morehead State University (Gregory M. Corso, Faculty Sponsor)

**52 Once upon a dorm: A longitudinal analysis of mental health and perceptions of student housing**

Brynn Anderson, Hope College; Emma Kane, Hope College; Katherine Yakes, Hope College; Benjamin Meagher, Hope College (Dr. Benjamin Meagher, Faculty Sponsor)

**53 Music, Rumination, and Attention Switching**

Joseph Mann, St. Norbert College; Ian McKenna, St. Norbert College; Hailey Dyce, St. Norbert College (Nicole Phillips, Faculty Sponsor)

**54 Teachers' use of prompting as a classroom management: A systematic review**

Mahjabin Rahman, Eastern Illinois University; Emma Curtin, Eastern Illinois University; Destinee Carter, Eastern Illinois University; Melea Burkes, Eastern Illinois University; Hao-Jan Luh, Eastern Illinois University (Hao-Jan Luh, Faculty Sponsor)

**55 Left unspoken: Impact of inclusive language on student course engagement**

Sarah Omar, University of Nebraska Lincoln; Raphael Pepino, University of Nebraska Lincoln; Jack Foster, University of Nebraska Lincoln; (Dr. Chelsea Witt, Faculty Sponsor)

**56 Association of saliva alpha-amylase and urine norepinephrine in the longitudinal study Midlife in the United States (MIDUS)**

Abigail Spaulding, University of Wisconsin-Madison (Amita Kapoor, Faculty Sponsor)

**57 An Evaluation of Geographic Location Across 3 MTurk Samples**

Lisa Duong, Elmhurst University (Catherine Gaze, Faculty Sponsor)

**58 “Home is where the heart is:” The perceived benefits of the home**

Erin Moran, Hope College; Sara Kraus, Hope College; Collin Kline, Hope College; Kendahl Miller, Hope College (Benjamin Meagher, Faculty Sponsor)

**59 Athletic Identity and Competitive Trait Anxiety: A Look at Esports vs. Traditional Sports**

Tyler Balfour, Southern Illinois University Edwardsville (Mitsuru Shimizu, Faculty Sponsor)

**60 Home is more than a place: Personality and the psychological and emotional costs of the home**

Kathleen Donahue, Hope College; MacKenna Shampine, Hope College; Aliana Alvarez-Gomez, Hope College; Tyler Kennedy, Hope College (Dr. Benjamin Meagher, Faculty Sponsor)

**61 Why College Students Transfer**

Jackson Lunsford, Manchester University; Dane Fife, Manchester University; Jacob Stauffer, Manchester University (Dr. Marcie Coulter-Kern, Faculty Sponsor)

**62 Does education about unconscious bias change minds? An experimental study**

Jayla Johnson, Centre College; Courtney Evans, Centre College (Jennifer Goetz, Faculty Sponsor)

**63 Learning patterns: Examining rule extraction from sign language-like gestures in adults**

Elizabeth Sodimu, University of Illinois Chicago; Kara Morgan-Short, University of Illinois at Chicago (Kara Morgan-Short, Faculty Sponsor)

**64 Teachers' sense of self-efficacy and implementation of intervention**

Alicia Mitchell, University of Missouri; Shannon Holmes, University of Missouri (Shannon Holmes, Faculty Sponsor)

**65 Emotional intelligence and how it can impact psychological health and well-being**

Yanozie Amadike, Carthage College; Rebeca Chacon-Blahut, Carthage College; Madison Hauptert, Carthage College; Hadley Rains, Carthage College (Kateryna Sylaska, Faculty Sponsor)

**66 Social Winners are More Utilitarian than Social Losers**

Ashlin John, Elmhurst University; Christian Hernandez, Elmhurst University; Aleena Anthony, Elmhurst University (Patrick Nebl, Faculty Sponsor)

**67 Social media and anxiety: A comparison of video platforms**

Miranda Campos, Lewis University (Spencer Campbell, Faculty Sponsor)

**68 Exploring the Affective Core of Openness to Experience**

Amelia Wilcox, St. Norbert College; Isabella Kneeland, St. Norbert College (Michelle Schoenleber, Faculty Sponsor)

**69 The relationship between the nature of STEM-related autobiographical memories and academic/career outcomes**

Zuani Ventura, Augsburg University; Alex Ajayi, Augsburg University; Evren Guler, Augsburg University (Dr.Alex Ajayi and Dr.Evren Guler, Faculty Sponsor)

**70 A quantitative study on the correlation between body image comparison and social networking usage**

Hannah McNett, Cedarville University; Ashley Price, Cedarville University; Susannah Sowell, Cedarville University; Kelsey Reilly, Cedarville University; Annette Seefried, Cedarville University (Chao Liu, Felisha Younkin, Faculty Sponsor)

**71 Involvement and monitoring: Associations with concern and perceived child weight**

Megan Carter, The University of Toledo; Frances Lauten, The University of Toledo; Adelyn Sherrard, University of Toledo; Michael Vang, University of Toledo (Cin Cin Tan, Faculty Sponsor)

**72 A quantitative study on the correlation between body image comparison and social networking usage**

Hannah McNett, Cedarville University; Susannah Sowell, Cedarville University; Ashley Price, Cedarville University; Annette Seefried, Cedarville University; Kelsey Reilly, Cedarville University (Chao Liu, Felisha Younkin, Faculty Sponsor)

**73 Coping with disasters: Meaning-making among religious leaders in Puerto Rico in response to crises**

camila alfaró, Carthage College (Dr. Melanie Nyhof, Faculty Sponsor)

**74 Interpretation Effects of Sleep Deprivation on Anxiety, Memory Recognition, and Memory Recall**

Kayela Swansiger, Baldwin Wallace University (Dr. Disabato, Faculty Sponsor)

**75 Racial differences in the within-person relationships among daily reports of stress, rumination, and negative affect**

Sydney Dobrzynski, Metropolitan State University; Jessica Blaxton, Metropolitan State University (Jessica Blaxton, Faculty Sponsor)

**76 Creating and Evaluating Informational Posters to Increase Undergraduate Student Knowledge**

Taylor Ferguson, Southern Illinois University Edwardsville; Daeja Watkins, Southern Illinois University Edwardsville; Alice Yerby, Southern Illinois University Edwardsville; Madison Fradelos, Southern Illinois University Edwardsville; Kaia Ford, Southern Illinois University Edwardsville (Rachel Bradley, Sarah Conoyer, Faculty Sponsor)

**77 The Effects of Therapy Dogs on Cognitive Processes**

Carter Graham, Otterbein University; Megan Caldwell, Otterbein University; Cynthia Laurie-Rose, Otterbein University (Cynthia Laurie-Rose, Faculty Sponsor)

**78 College students' beliefs about the benefits of multilingualism**

Gabriela Corral, Dominican University (Robert Calin-Jageman, Faculty Sponsor)

**79 The Relationship Between Personality and Ethical Decision-Making**

Noah Kuxmann, Olivet Nazarene University (Kristian veit, Faculty Sponsor)

**80 First Connect: Open Hearts and Open Minds through Racial Healing Circles**

Alexis Koehl, Hope College; Sonja A. Trent-Brown, Hope College (Dr. Sonja Trent-Brown, Faculty Sponsor)

**81 The Impact of Religious Trauma on Identity**

Lauren Lively, Indiana Wesleyan University; Erin E Devers, Indiana Wesleyan University (Erin Devers, Faculty Sponsor)

**82 How Gradeless Courses Affect Anxiety, Motivation, and Self-Esteem in College Students**

Ashlynn Rogers, Manchester University; Connie Hart, Manchester University; Sarah Cavender, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

**83 The role of dehumanization on support for systemic action combating environmental racism**

Grace Cox, Kenyon College (Margaret Stevenson, Faculty Sponsor)

**84 Mentorship's implications on mentor self-esteem ratings**

Elizabeth Walsh, DePaul University (Kathryn Grant, Faculty Sponsor)

**85 Passive versus active engagement in the visual arts and how such engagement affects short-term mood**

Lexi Snow, Blackburn College; Trisha Prunty, Blackburn College (Dr. Prunty, Faculty Sponsor)

**86 Minding the mental health care gap: An examination of how undergraduate students of color perceive mental health care services**

Wisdom Ibikunle, Indiana University Bloomington; Tennisha Riley, Indiana University Bloomington (Tennisha Riley, Faculty Sponsor)



**Psi Chi Symposium VI**

Fri 8:30AM - 9:20AM

Salon 02

**8:30 NICE and Opportunities for International Research with Psi Chi**

Antonios Kagialis, University of Crete; Martha Zlokovich, Psi Chi, the International Honor Society in Psychology

The Network for International Collaborative Exchange (NICE), Psi Chi's annual, cross-cultural, crowd-sourced data collection project, facilitates research using Open Science practices. We will discuss previous projects, how novice and experienced researchers alike can participate in next year's project, and the fabulous support students and faculty receive throughout the process.

### **Psi Chi Symposium VII**

Fri 8:30AM - 9:20AM

Salon 09

#### **8:30 Not Sure about Graduate School? Learn about other Options**

Alissa Russell, Saint Mary's College; Marjorie Schaeffer, Saint Mary's College; Elena Sarmiento, Saint Mary's College; Maegan Ruiz, Washington University in St. Louis; Kathleen Thursby, University of Illinois at Chicago; Elizabeth Majka, Elmhurst University

Are you debating about what to do after graduating from college? In this session, a panel of psychologists who took a gap period after graduation will discuss how jobs (or other pathways) helped them discover new passions, led them in new directions, or prepared for graduate school.



### **Psi Chi Poster Session VIII: Social Psychology II**

Fri 8:45AM - 9:25AM

Exhibit Hall

#### **1 The effects of political attitudes on N200 amplitude on a go/no-go task**

Ruth Olson, University of Wisconsin - Green Bay; Camden Caswell, University of Wisconsin - Green Bay; Aaron Weinschenk, University of Wisconsin - Green Bay; Cory Rauch, University of Wisconsin - Green Bay; Jason Cowell, University of Wisconsin- Green Bay (Jason Cowell, Faculty Sponsor)

#### **2 Replication of Phillips and Lowery (2015)**

Paula Williams, Dominican University (Robert Calin-Jageman, Faculty Sponsor)

### **3 Effects of writing about egalitarianism on perceptions of a company's diversity**

Kaitlyn Kulick, St. Norbert College (Dr. Geerling, Faculty Sponsor)

### **PSI CHI AWARD WINNER**

#### **4 Predictors of embodiment among Chinese and American women**

Yanying Li, Kenyon College (Sarah K. Murnen, Faculty Sponsor)

Several predictors (different types of passion, body comparison on social media, other people's attitudes towards one's appearance, and cultural contexts) of females' experiences of embodiment were examined. Significant predictors of embodiment in both American and Chinese participants were discovered. Different results in the two nations might suggest distinctive cultural values.

#### **5 Wondering who is watching: The effects of perceived monitoring on task performance with contributing factors of susceptibility to stress and distraction.**

Theo Edwards, Eastern Illinois University (Caridad Brito, Faculty Sponsor)

#### **6 Understanding opponents of abortion: social and personality predictors**

Keely Watkins, Millikin University; Kelsey Jacobs, Millikin University; Jasimine Ash, Millikin University; Kendall Rossignol, Millikin University (Linda Collinsworth, Faculty Sponsor)

#### **7 "What characteristics make you Hispanic/Latino?": Examining Latino identity development**

Diana Tobon, Earlham College; Mercedes Muñoz, Duke University (Sarah Gaither, Faculty Sponsor)

#### **8 How Personality Impacts the Perception of High and Low Socioeconomic Status Individuals with Opioid Use Disorder**

Enrique Mares-Villicana, university of indianapolis (Jordan Waldron, Faculty Sponsor)

#### **9 Measuring Gaslighting Behaviors in Intimate Relationships**

Anna Milani, Bradley University; Lane Beckes, Bradley University (Lane Beckes, Faculty Sponsor)

#### **10 Examining ethnic food experiences using mixed methods to determine authenticity, valence, and food ethnicity and food neophobia and cultural awareness**

Stephanie Sattler, Bowling Green State University; Sneha Kamath, Bowling



Green State University; Dara Musher-Eizenman, Bowling Green State University (Dara Musher-Eizenman, Faculty Sponsor)

**11 Where is the inclusiveness? A weak sense of belonging among Black students attending a PWI despite institutional support**

Tazzaniha Anderson, Cardinal Stritch University; Tazzaniha Anderson, Cardinal Stritch University (Sahnya Thom, Faculty Sponsor)

**12 Perceptions of disputed interrogation tactics**

Angela Zara, Butler University (Fabiana Alceste, Faculty Sponsor)

**13 Narcissism and Romantic Attraction**

Sarah Smith, Ohio State university; Sydney Newton, Ohio State University (Amy Brunell, Faculty Sponsor)

**14 Perceived community strength in extracurricular activities among college students**

Noah Howe, Luther College (Justin Sprung, Faculty Sponsor)

**15 Tinder vs. Real-world: Where we met is associated with our relationship**

Evelyn Gerhart, DePaul University; Youlim Kim, Depaul University (Ralph Erber, Faculty Sponsor)

**16 Assessing the role of community in academic outcomes: Does sense of community affect students' GPA?**

Natalia Prato, Dominican University (Tina Taylor-Ritzler, Faculty Sponsor)

**17 Hopeful tragedy? How hope affects the link between adverse childhood experiences and meaning in life**

Irene Wang, University of Missouri - Columbia; Megan Edwards, University of Missouri, Columbia; Hope Rose, University of Missouri; Laura King, University of Missouri, Columbia (Laura King, Faculty Sponsor)

**18 Contradicting Ideas Behind Posttraumatic Growth in Various Levels of Narcissism**

Amani Qaqish, Oakland University; Kayla Benson, Oakland University; Kanako Taku, Oakland University (Kanako Taku, Faculty Sponsor)

**19 How do the quality and quantity of close college friendships contribute to academic success and self-esteem?**

Giovanna Struewing, Manchester University; Collin Harris, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

**20 A social comparison view on perceived prejudice in self vs. others**

Sydney Jenko, John Carroll University; Katriana Seibel, John Carroll University (Dr. John Yost, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**21 Defendant occupation effects on jurors' judgments in sexual assault cases: Are officers and veterans held to a different standard?**

Eve Cyncar, North Central College (Claudia Peter-Hagene, Faculty Sponsor)  
In this mock jury trial experiment, the defendant's occupation is manipulated to investigate whether jury judgements are more lenient against officers and veterans than civilians, assessing verdict, confidence in guilt, moral outrage, negative emotions, and victim believability.

**22 How to Normalize Eating Fungus Again: The Impact of Educational Content on the Acceptance of Therapeutic Psychedelic Use**

Bennett Shiller, University of Wisconsin La Crosse (Alexander O'Brien, Faculty Sponsor)

**23 How likelihood to hire, competence, and warmth are determined by a person's hair type and skin tone.**

Kirsten Hayes, Saint Mary's College (Bettina Spencer, Faculty Sponsor)

**24 Can't escape Hell: Negative religious beliefs persist among religious donees**

Carmen Casper, Hope College; Isabella Brady, Hope College; Chloe Swanson, Hope College; Hannah Fuller, Hope College (Daryl Van Tongeren, Faculty Sponsor)

**25 Scared toward the sacred? Existential fear and religious residue**

Isabella Brady, Hope College; Hannah Fuller, Hope College; Chloe Swanson, Hope College; Carmen Casper, Hope College (Daryl R. Van Tongeren, Faculty Sponsor)

**26 Humbly more religious: the role of humility in religious change**

Chloe Swanson, Hope College; Hannah Fuller, Hope College; Carmen Casper, Hope College; Isabella Brady, Hope College; Daryl Van Tongeren, Hope College (Daryl R. Van Tongeren, Faculty Sponsor)

**27 Financially contingent self-worth, gender roles endorsement, and financial risk-taking**

Emily Burke, Saginaw Valley State University; Travis Faustin, Saginaw Valley State University; Kennedy Felax, Saginaw Valley State University (Deborah E. Ward, Faculty Sponsor)

**28 Age, gender, and health outcomes in adult Minnesotans**

Hunter Tholkes, St. Cloud State University; Sabina Scotti, St. Cloud State University (Amanda Hemmesch, Ann Finan, Jim Cottrill, Sandrine Zerbib, Faculty Sponsor)

**29 The impact of micro and macro aggressions in the classroom**

Jessica Hudson, Saint Mary's College (Bettina Spencer, Faculty Sponsor)

**30 Thoughts, attitudes, and perceptions of the LGBTQ+ community in rural, urban, and suburban communities**

natalie riddle, university of wisconsin river falls; Olivea Chambers, University of Wisconsin River Falls (Melanie Ayres, Faculty Sponsor)

**31 Transitional Objects and their Associations with Attachment Style, Personality, and Mental Health in College Students**

Peyton Osgood, McKendree University (Guy Boysen, Faculty Sponsor)

**32 Understanding the relationship between fat talk and feminine norms**

Jiselle Janko, Roosevelt University (Jill Coleman, P.h.D., Faculty Sponsor)

**33 Strategies in Decision Making**

Vara Yagna Ramayanam, Murray State University (Dr. Esther Malm, Faculty Sponsor)

**34 Exploring the relationship between controversial discussion in class and student engagement**

Anna Driscoll, Manchester University; Sydney Dillmon, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

**35 “Beyond the Binary”: Gender and Racial Biases within Undergraduate Research**

Alison Meyer, The College of St.Scholastica; Taylor Hazelbaker, The College of St.Scholastica (Taylor Hazelbaker, Faculty Sponsor)

### **36 Undergraduate Perceptions of Pronoun Usage**

Isabella Roque, Elmhurst University; Rose Halper, Elmhurst University; Marilyn Perez, Elmhurst University (Jessica Sim, Faculty Sponsor)

### **37 The relationship of personality, FOMO, and susceptibility to peer pressure**

Shannon Kustrich, University of Wisconsin-River Falls; Will Colaiano, University of Wisconsin River Falls (Melanie Ayres, Faculty Sponsor)

### **PSI CHI AWARD WINNER**

### **38 Welcome to my house: Hospitality as a moderator for house exteriors preference**

Nhi Hoang, Hope College (Benjamin R. Meagher, Faculty Sponsor)

This study examines hospitality as a moderator for the liking of certain house features and aims to fill the gap in research on house preferences. People who are not welcoming strongly prefer houses further from the sidewalk.

Additionally, those who feel more responsible and comfortable hosting dislike high-walkability houses.

### **39 Understanding conversations: The relationship between listening quality and kama muta**

Angelia Venezia, University at Buffalo; Dvori Saluk, University of Haifa; Adin Janam, University of Haifa; Guy Itzhakov, University of Haifa (Kenneth DeMarree, Faculty Sponsor)

### **40 I Get You: The Mediating Effect of Social Support between Emotional Processing and Parasocial Relationships with Fictional Characters**

Emily Hathcock, Baldwin Wallace University (Stephanie Rothman, Debora Esty, Faculty Sponsor)

### **41 Muscularity in men: The importance of physical versus intellectual competence**

Breanna Ellis, Simpson College (Sal Meyers, Faculty Sponsor)

### **PSI CHI AWARD WINNER**

### **42 Disordered eating and sport: an exploration of identity conflict experiences in collegiate female track and field throwers**

Abigail Rodriguez, Baldwin Wallace University (Debora Esty, Faculty Sponsor)

The present study aims to investigate the impact that being a female athlete, specifically a female track and field thrower, has on an individual. Through

qualitative interviewing, it seeks to understand potential distress that may arise, as well as any coping techniques that may be utilized by the individual.

**43 Individual Differences in Abortion Legislation Advocacy Intent: Exploring Underlying Psychological Mediators**

Marissa Sun, Kenyon College; Margaret Stevenson, Kenyon College  
(Margaret Stevenson, Faculty Sponsor)

**44 Levels of Outness and Social Support Impact**

Jacob Tran, James Madison University; Morgan Melchor, James Madison University; Emily Chavez, James Madison University; Kala Melchiori, James Madison University (Kala Melchiori, Faculty Sponsor)

**45 Can guilt or responsibility change White undergraduates' prosocial behavioral intentions?**

Abdullah Marei, University of Wisconsin-Madison; Naomi Isenberg, University of Wisconsin-Madison; Markus Brauer, University of Wisconsin-Madison (Markus Brauer, Faculty Sponsor)

**46 Moral hypocrisy differences in Republicans and Democrats**

Kaleb Darnell, Thomas More University; Serah Whitacre, Thomas More University (Caitlin Powell, Faculty Sponsor)

**47 How drug use and participant gender impact victim blaming among college students**

Andrew Schatz, Webster University (Morgan Grotewiel, Faculty Sponsor)

**48 Intersection of bias: LGBTQ+ sexual assault survivor Implicit Association Tests**

Savannah Lowe, Miami University (OH) (Christopher Wolfe, Faculty Sponsor)

**49 Sexual education, social support, and sexual self-esteem in undergraduate women and gender minority students**

Lindsey Gibb, Central Michigan University (Renee Babcock, Faculty Sponsor)

**50 Disorders, danger, and decisions: The interaction of gender and schizophrenia in the courtroom**

Alexis Ashe, University of Wisconsin - La Crosse; Kathleen Casella, University of Wisconsin - La Crosse (Grace Deason, Faculty Sponsor)

**51 Source of student belonging and academic success rates**

Breanna Sampo, McKendree University (Guy Boysen, Faculty Sponsor)

**52 Because It's Who I Am: Persistence and Personality**

Christina Stowell, Andrews University (Karl G. D. Bailey, Duane C. McBride, Faculty Sponsor)

**53 Meta-stereotypes and anxiety following interracial social interactions**

Payton Bunting, Murray State University (Megan St. Peters, Faculty Sponsor)

**54 Coded badly: Representational issues of antagonists vs. protagonists in video games**

Tyler Crotteau, University of Wisconsin - Stout; Chelsea Lovejoy, University of Wisconsin - Stout; Jacob Reid, University of Wisconsin - Stout; Jillian Chaltry, University of Wisconsin - Stout; Drake Nuzzo, University of Wisconsin - Stout; Emma Brittingham, University of Wisconsin - Stout; Christina Shane-Simpson, University of Wisconsin Stout (Chelsea Lovejoy, Faculty Sponsor)

**55 Let women in games have muscles: Examination of body types in video games**

Jillian Chaltry, University of Wisconsin - Stout; Chelsea Lovejoy, University of Wisconsin - Stout; Drake Nuzzo, University of Wisconsin - Stout; Jacob Reid, University of Wisconsin - Stout; Tyler Crotteau, University of Wisconsin - Stout; Emma Brittingham, University of Wisconsin - Stout; Christina Shane-Simpson, University of Wisconsin Stout (Chelsea Lovejoy, Faculty Sponsor)

**56 Goodbye Grandpa?: The Impacts of Age on Empathic Responses**

Mariami Kochashvili, Earlham College (Maggie Thomas, Faculty Sponsor)

**57 Further investigation of sport memories: Examining predictors of positive sport rumination**

Jordan Pearsall, Murray State University; Xavier Brown, Murray State University; Daniel Wann, Murray State University; Patrick Cushen, Murray State University (Dan Wann, Patrick Cushen, Faculty Sponsor)

**58 The relationship between parenting styles, political views, and political alienation**

Parker Wilson, George Williams College of Aurora University (Sara Johnson, Faculty Sponsor)

### **59 Role of gender in humor enjoyment**

Peyton Neff, University of Nebraska at Kearney; Megan Strain, University of Nebraska at Kearney (Megan Strain, Faculty Sponsor)

### **60 Do we desire partners who resemble our parents? An exploration of parent-preference profile correlations**

Jennifer Almquist, Hope College; Kyra Carlson, Hope College; Erika Martin, Hope College; Taylor Clarke, Hope College; Grace Kozlowski, Hope College; Holly McArthur, Hope College (Carrie Bredow, Faculty Sponsor)

### **PSI CHI AWARD WINNER**

### **61 Responding to multiple forms of oppression: Impact of student counseling services on college mental health**

Bailey Miller, Miami University; Akanksha Das, Miami University; Rose Marie Ward, Miami University Department of Kinesiology and Health (Rose Marie Ward, Faculty Sponsor)

Does holding more minoritized identities (MIDs) predict worse mental health outcomes? Does that relation depend on student counseling services (SCS) use? Results showed more MIDs predicted declines in mental health outcomes across an academic year. Students who received SCS reported no such changes in well-being, but not anxiety or depression.

### **62 How stigma and race influence the recovery of missing persons**

Felicia Sompel, Penn State Scranton; Andrew Provenzano, Penn State Scranton (Andrew Provenzano, Faculty Sponsor)

### **63 COVID-19 vaccination status predicts anti-Asian sentiment**

Yan Wang, Kenyon College; Margaret Stevenson, Kenyon College (Margaret Stevenson, Faculty Sponsor)

### **64 Coping mechanisms for racial microaggressions**

Pablo Rodriguez, Loras College; Max Ellenbecker, Loras College; Jace Gwynn, Loras College (Lisa Grinde, Faculty Sponsor)

### **65 Social learning theory in the classroom**

Casie Cullinane, Maryville University; Juliet Burlew, Maryville University; Elaina Lunyou, Maryville University (Dustin Nadler, Faculty Sponsor)

### **66 Testing the Effectiveness of Identity-Safety Cues for Adults with Higher Body Weights in Health Settings**

Muntaseer Islam, Indiana University Purdue University of Indianapolis; Veronica Derricks, Indiana University Purdue University Indianapolis; India

R. Johnson, Butler University; Evava Pietri, Indiana University Purdue University Indianapolis (Veronica Derricks, India Johnson, and Evava Pietri, Faculty Sponsor)

**67 The lighter the better? Understanding the relationship between colorism and anti-Black attitudes**

Mariam Ahmad, Benedictine University; James Davis, Benedictine University (James Davis, Faculty Sponsor)

**68 Attachment and action: Do attachment styles predict behavior in friendships?**

Gabriel Minchev, Northwestern University (Harry David Smith, Faculty Sponsor)

**69 Perceptions and Experiences of Individuals with their Sexual and Gender Identity**

Stefanie Laudolff, Baldwin Wallace University (Deb Esty, Faculty Sponsor)

**70 Studying the effects of language and conformity on the perceptions of mental health**

Varsha Jay, Saint Mary's College, Notre Dame; Athena Samson, Saint Mary's College, Notre Dame; Julianna Cortes, Saint Mary's College, Notre Dame; Abigail Middendorf, Saint Mary's College, Notre Dame (Andrea O'Rear, Faculty Sponsor)

**71 Reading and person perception: the impact of fiction on empathy**

Victoria Richter, Carthage College; Anna Poletto, Carthage College (Kateryna Sylaska, Faculty Sponsor)

**72 Examining How Goals Shape Responses to Anti-LGBTQ+ Bias**

Allison Mohar, James Madison University; Emily Anan, James Madison University; Amy Mendez-Spears, James Madison University (Kala Melchiori, Faculty Sponsor)

**73 Investigating Job and Life Satisfaction Among Low- and High-Income Individuals**

Valeria Jimenez, Manchester University; Lauren Sponseller, Manchester University (Kelsey-Jo Kessie, Faculty Sponsor)

**74 Goals and Responses of LGBTQ+ Individuals Facing Bias**

Ezrah Hickey, James Madison University; Shadther Feliz, James Madison University (Kala Melchiori, Faculty Sponsor)



**75 Online disinhibition: Examining the dark side of anonymous social media**

Erin Georgesen, Morningside University (Dr. Jack Hill, Faculty Sponsor)

**76 Does moral conviction moderate the effect illusory understanding has on attitude extremity?**

Emerson Buse, University of Northern Iowa; Erick Hill, University of Northern Iowa; McKensie Shupe, University of Northern Iowa (Nicholas G. Schwab, Faculty Sponsor)

**77 Does affirming values reduce stereotype threat for women?**

Lauren Beer, Coe College (Ellen Lee, Faculty Sponsor)

**78 The impact of Covid-19 on child maltreatment**

Lauren Foley, Governors State University (Alli Cipra, Faculty Sponsor)

**79 In the eye of the beholder: Identity projection on couples**

Evan Struempf, Lindenwood University; Ximena Gutierrez, Lindenwood University; Stephanie Afful, Lindenwood University (Stephanie Afful, Faculty Sponsor)

**80 The effect of skin tone on the perceptions of immigrant and undocumented immigrant status**

Lizbeth Cayetano, Simpson College (Amanda L. Martens, Faculty Sponsor)

**81 Topics for the Thanksgiving table: Cancer, abortion, and politics**

Rumbidzai Chisango, Lindenwood University; Justice Jones, Lindenwood.edu (Stephanie Afful, Faculty Sponsor)

**82 Predicting vape usage among young adults**

Mackenzie Fredrikson, University of Wisconsin-Superior (Shevaun Stocker, Faculty Sponsor)

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**Psi Chi Poster Session IX: Social Psychology III**

Fri 9:30AM - 10:10AM

Exhibit Hall

**1 Susceptibility of Joining a Cult**

Elizabeth Bartlett, Fontbonne University; Makenzie Burke, Fontbonne University (Amy Ruffus-Doerr, Kelly Lane-deGraaf, Faculty Sponsor)

**2 Is restfulness a moderator in humility induction?**

Gabriela Miller, Saint Louis University; Levi Rosing, Saint Louis University; Anita Devon, Saint Louis University; Anja Pogarcic, Saint Louis University; Lisa Willoughby, Saint Louis University (Lisa Willoughby, Faculty Sponsor)

**3 Effects of child sexual abuse victim mental health status on mock juror's case judgments**

Yan Wang, Kenyon College (Margaret Stevenson, Faculty Sponsor)

**4 Not recognized or not important? Perceiving racism in the healthcare setting**

Ibinye-Olivia Green, University of Nebraska at Kearney; Megan Strain, University of Nebraska at Kearney (Megan Strain, Faculty Sponsor)

**5 Objectification's Influence on College Women's Belonging Within their Major**

Izett Murphy, Indiana University; Andrew White, Indiana University; Amanda Diekman, Indiana University

**6 The role of intimate partner violence in academic success**

Jimena Mendoza, Iowa State University; Abby Harper, Iowa State University; Maya Irvin-Vitela, Iowa State University; Rachel Block, Iowa State University (Dr. Monica Marsee, Faculty Sponsor)

**7 Responses to Athletes' Career Decision: Perceptions, Attributions, and Empathy**

Ryan Roberts, Central College (Keith T. Jones, Faculty Sponsor)

**8 The double empathy problem: convergent validity**

Jillian Walker, University of Southern Indiana; Ryan Huck, University of

Southern Indiana; Bentley Pfingston, University of Oregon; Zachary Pilot, University of Southern Indiana (Zachary Pilot, Faculty Sponsor)

### **9 General attitudes towards the nonbinary community**

Rose Halper, Elmhurst University; Isabella Roque, Elmhurst University; Marilyn Perez, Elmhurst University (Jessica Sim, Faculty Sponsor)

### **10 Evaluating online bias education across demographic groups**

Lindsay Miles, Southern Illinois University Edwardsville; Mikayla Blankenship, Southern Illinois University Edwardsville; Dallas Eicken, Southern Illinois University Edwardsville; Carly Kampwerth, Southern Illinois University Edwardsville; Jayla Williams, Southern Illinois University Edwardsville; Alex Hubbard, Southern Illinois University Edwardsville; Alyssa Gerstenecker, Southern Illinois University Edwardsville (carlee beth hawkins, Faculty Sponsor)

### **11 Investigation of Hazing and Student Organization Initiation Perceptions on a College Campus**

Ciera Hansen, Loras College; Rachael Hanson, Loras College; Madailein McCabe, Loras College (Dr. Lindsey Bartgis, Faculty Sponsor)

### **12 Feeling threatened- you can't sit with us!**

Kassumy Montiel Reyes, Carroll University; Paige Sienza, Carroll University; Emily Strader, Carroll University; Abigail Riemer, Carroll University (Abigail Riemer, Faculty Sponsor)

### **13 Does nostalgia lessen negative attitudes towards overweight individuals? Investigating individual differences.**

Margaux Henseler, University of St. Thomas (MN) (Gregory Robinson-Riegler, Faculty Sponsor)

### **PSI CHI AWARD WINNER**

#### **14 Man! I feel like a woman!**

Madalynn Schreindl, Carroll University; Sophie Johnson, Carroll University; Elizabeth Sage, Carroll University; Kayte Kloss, Carroll University; Abigail Riemer, Carroll University (Abigail Riemer, Faculty Sponsor)

Objectification is a common experience amongst women despite the negative consequences that are caused. This study revealed how for women whose gender is essential to their identity, recollection of objectification experiences shapes system justification through feelings of belonging in their gender.

**15 Examining the Relationship between Humor, Phobias, and Learning Styles in the Classroom**

James Woodcock, Southern Illinois University Edwardsville; Halle Rickhoff, Southern Illinois University Edwardsville; Christopher Higgins, Southern Illinois University Edwardsville; Jackson Sandberg, Southern Illinois University Edwardsville (Rachel Bradley, Faculty Sponsor)

**16 Have you seen that TikTok? Belonging and Self-Esteem in Young Adults**

Ella Hageman, DePaul University (Verena Graupmann, Faculty Sponsor)

**17 Exploring the spiritual but not religious identity**

Taylor Simington, University of Northern Iowa; Helen C. Harton, University of Northern Iowa (Helen C. Harton, Faculty Sponsor)

**18 "I better not get a C in this class because of you": The effect of status on standards of evidence in blame judgements**

Ashley Avelar, College Of Dupage; Bill Matwij, College of DuPage; Het Gor, College Of Dupage; Noah McBrien, College of Dupage; Jacqueline Horton, College of DuPage; Yuechen Wang, College of Dupage; Colin Goebel, College of DuPage; Amber Truby, College of DuPage; Mel Stefanski, College of DuPage; Nicholas Little, College of DuPage; Yu Ju Tseng, College of DuPage (Or'Shaundra Benson, Kenneth Gray, Faculty Sponsor)

**19 Attachment style and social exclusion: Influences on perceptions of danger**

Phuc Dang, Grand Valley State University; Kristy Dean, Grand Valley State University (Kristy Dean, Faculty Sponsor)

**20 Friend presence and the physiological response to threat**

Theodore Papastathis, Bradley University; Adelyn Eichhorn, Bradley University; Jonathan Gountanis, Bradley University; Haley Palmisano, Bradley University; Lane Beckes, Bradley University (Lane Beckes, Faculty Sponsor)

**21 Love as a foreign language: Fused-linguistics, couple culture, and closeness in mono- and multilingual relationships**

Mackenzie Stokes, Metropolitan State University - St. Paul (Kerry Kleyman, Faculty Sponsor)

**22 The relationship between sports fan identification and attitudes regarding gender and sexuality**

Thomas Miller, University of Wisconsin - Green Bay; Elif Ikizer, University of Wisconsin - Green Bay (Elif Ikizer, Faculty Sponsor)

**23 Trust and disclosure: How responsiveness expectations influences future help-seeking attitudes**

Emmaline Wrampe, Kansas State University (Chase Herndon, Laura Brannon, Faculty Sponsor)

**24 Establishing a set of extremely replicable phenomena in social psychology**

Sarah Fisher, Ashland University; LaMar Sharpe, Ashland University; Natalie Hittinger, Ashland University; Lily Braucher, Ashland University; Macy Spielman, Ashland University; Kieran Shoup, Ashland University; Madelaine Kinsinger, Ashland University; Allison Cook, Ashland University; Haley Barker, Ashland University; Jacob Cain, Ashland University; Emily Troyer, Ashland University; Yesenia Rodriguez, Ashland University (Christopher Chartier, Faculty Sponsor)

**25 Sex or attachment? Examining the influence of same- versus opposite-sex parents' traits on partner preferences**

Taylor Clarke, Hope College; Grace Kozlowski, Hope College; Holly McArthur, Hope College; Jennifer Almquist, Hope College; Erika Martin, Hope College; Kyra Carlson, Hope College (Carrie Bredow, Faculty Sponsor)

**26 Psychological effects of racial trauma and racial discrimination on Gen Z Asian Americans**

Hahrim Choi, Northwestern University (Benjamin Gorvine, Faculty Sponsor)

**27 Abortion stigma and person perception: projection and dispositional attributions**

Gabrielle Kimm, Central College; Tessa Brubaker, Central College (Keith Jones, Faculty Sponsor)

**28 Assessing the Relative Importance of Procedural Justice Components in Police-Community Interactions**

Matías Fonolla, Lake Forest College; Lauren Wright, Lake Forest College; Amelie Motzer, Lake Forest College; Vivian Ta, Lake Forest College (Vivian Ta-Johnson, Faculty Sponsor)

**29 “The uncertainty is driving me crazy”: Exploring distress in the context of premarital hesitation**

Amber Haas, University of Missouri - Columbia; Kale Monk, University of Missouri - Columbia; Matthew Ogan, University of Missouri - Columbia; Karen Talley, University of Missouri - Columbia; Dawson Quinn, University of Missouri - Columbia; Jennifer Harper, University of Missouri - Columbia; Lauren Huff, University of Missouri - Columbia; Tevis Edmiston, University of Missouri - Columbia; Tyler Jaminson, University of New Hampshire (Kale Monk, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**30 Perfectionism and self-compassion on burnout in music majors**

Zoe Shiu, Andrews University (Karl G. D. Bailey, Faculty Sponsor)

This study explores the effects of perfectionism and self-compassion on burnout in music students. I will conduct an online survey sampling 100 music majors across three institutions. The results will help musicians find more sustainable ways to create music by understanding, reducing, and preventing burnout.

**31 Racism & Microaggressions: Exploring the Effect on Students of Color Mental Well-Being**

Kayla Anderson, Manchester University; Jimena Torres, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

**32 Effects of Organization Type and Roe v. Wade Statement on Gender Diversity**

Lauren Chiappetta, St. Norbert College; Sydney Fetkenhauer, St. Norbert College; Danielle Geerling, St. Norbert College (Danielle Geerling, Faculty Sponsor)

**33 The Roles of Childhood Sexual Abuse and Religious Deconversion on Sexual Behaviors and Well-Being among a Sample of Rural, Appalachian Students**

Margaret Eassa, Eastern Michigan University; Elizabeth Neilson, Eastern Michigan University (Dr. Elizabeth Neilson, Faculty Sponsor)

**34 The devil is in the details: outcomes vary with sexting nuances**

Jillian Hackathorn, Eastern Kentucky University (Jana Hackathorn, Faculty Sponsor)

**35 Holding yourself captive virtually: Perceptions of custody in Zoom interviews.**

Ian Carroll, Butler University; Angela Zara, Butler University (Fabiana Alceste, Faculty Sponsor)

**36 Academic self-efficacy and projection of future discrimination: How does gender impact female undergraduate students with STEM and non-STEM majors across a lifetime?**

Rebecca Schill, University of Wisconsin-River Falls; Julia Herber, University of Wisconsin-River Falls (Melanie Ayres, Faculty Sponsor)

**37 Masculinity and biological sex in masculine versus nerutral occupations**

Aubrey Powell, University of Akron; Toni Bisconti, University of Akron (Toni Bisconti, Faculty Sponsor)

**38 The effect of gender priming on the perceptions of occupation and salary**

Ellissa Chaouch, The College of St. Scholastica; Hsin-Mei Sun, The College of St. Scholastica (Dr. Hsin-Mei Sun, Faculty Sponsor)

**39 Gender identity and sex roles: Do the stereotypes remain?**

Avery Palmer, Rockhurst University; Anna Burk, Rockhurst University; Lauren Hawthorne, Rockhurst University (Logan B. Kochendorfer, Faculty Sponsor)

**40 Qualitative Interviews: Experiences of Minority College Students at a Small Predominately White Institution**

Max Ellenbecker, Loras College; Pablo Rodriguez, Loras College; Jace Gwynn, Loras College (Dr. Lisa Grinde, Faculty Sponsor)

**41 The effect of ostracism on the vulnerability to bullshit and populist beliefs: individual differences in the response to Cyberball**

Walker Koeltzow, Bradley University; Jacob ORussa, Bradley University; Haley Palmisano, Bradley University; Timothy Koeltzow, Bradley University (Tim Koeltzow, Faculty Sponsor)

**42 The effect of educating subjects on the mental health effects of Covid-19**

Jacob Purvis, Holy Cross College; Joanne Llanos, Holy Cross College (Katherine Barrett, Cosette Fox, Faculty Sponsor)

**43 Examining the effect of salient political opinions and agreement on physical attractiveness**

Jennifer DeSantis, University of San Diego; Rosalba Bonilla, University of San Diego; Emily Chua, University of San Diego (Sara Appleton-Knapp, Faculty Sponsor)

**44 What's in our picture books? Anti-racism messages in children's literature**

Clare Wongwai, Saint Olaf College (Allison De Marco, Faculty Sponsor)

**45 Perceptions and portrayals: How media represents Austin, Texas's unhoused community**

Clare Wongwai, Saint Olaf College (David Schalliol, Faculty Sponsor)

**46 Applying the dualistic model of passion to problematic social media use**

Yuzhen Lin, Grinnell College (David Lopatto, Faculty Sponsor)

**47 The relationship between self-esteem and self-serving bias**

Claudia Ruiz Chura, Andrews University; Zoe Shiu, Andrews University; Evin Musgrove, Andrews University; Jheanna Rattray, Andrews University (Karl G. D. Bailey, Faculty Sponsor)

**48 Is empathy biased? The effects of empathy in moral decision making**

Amanda Kaser, Ashland University (Chris Chartier, Faculty Sponsor)

**49 Exploring the effectiveness of meditation and self-affirmation interventions for loneliness among college students**

Kyra Hintz, South Dakota State University; Pirita See, South Dakota State University (Pirita See, Faculty Sponsor)

**50 Conflicting Injunctive and Descriptive Norms in the Educational Setting**

Sabrina Yamashita, University of Southern Indiana; Julie Eyink, University of Southern Indiana (Julie Eyink, Faculty Sponsor)

**51 Perceived credibility of Black and White reporters when reporting on racial issues**

Jordan Hoard, Franklin College (Jamie Bromley, Faculty Sponsor)

**52 The Dehumanizing Effects of Perceived Future Income and Attributions for Homelessness**

Jocelyn Hamilton, South Dakota State University; Harliann Baas, South



Dakota State University; Annika Berseth, South Dakota State University (Pirita See, Faculty Sponsor)

**53 Political and Moral Conflict: Explaining why Arguing about Politics Doesn't Work**

Erin Shukis, Southern Illinois University-Carbondale; Haley Martinez, Southern Illinois University Carbondale (Adam Green, Faculty Sponsor)

**54 Response latencies in conversations about social groups**

Lev-David Copelan, The University of Chicago (Susan Goldin-Meadow, Faculty Sponsor)

**55 An Investigation on the Effects of Optimism and Adolescent Health Behavior on Perceived Trust**

Kyra Fennel, South Dakota State University (Pirita See, Faculty Sponsor)

**56 Mental Health Use and Well-Being in Student-Athletes: Attitudes, knowledge, and use of mental health services**

Abigail Voss, University of Wisconsin - Superior (Eleni Pinnow, Faculty Sponsor)

**57 The Effect of Accent Bias on Perceived Eyewitness Credibility**

Anna Boyd, South Dakota State University (Pirita See, Faculty Sponsor)

**58 Perceptions of Sexual Intent: How Sex Norms May Have Shifted due to Social Media Exposure**

Shaunia Singleton, Saint Xavier University; Angela Pirlott, Saint Xavier University (Angela Pirlott, Faculty Sponsor)

**59 Conceptualizing the ideal undergraduate teaching assistant: aligning student and teaching assistant perceptions of UTA effectiveness**

Luis Garcia, Dominican university (Persis Driver, Tracy Caldwell, Faculty Sponsor)

**60 Knowing is half the battle: Intervention outcomes for stereotype threat**

Luis Gomez, Dominican University (Robert Calin-Jageman, Faculty Sponsor)

**61 The effects of parental divorce on adults' future relationships**

Starr Monroy, Saint Xavier University; Angela Pirlott, Saint Xavier University (Angela Pirlott, Faculty Sponsor)

**62 The reality of rape culture**

Vanessa Cunningham, Blackburn College; Lexi Snow, Blackburn College; Trisha Prunty, Blackburn College (Dr. Prunty, Faculty Sponsor)

**63 Heterosexual Men's Views of Stereotypical Lesbians in Media**

Chloe Prince, University of Evansville; Evan McCracken, University of Evansville (Evan McCracken, Faculty Sponsor)

**64 Trait Emotional Intelligence and Social Media Use.**

Aloaye Abdul-Saliu, Wartburg college (Cynthia Bane, Faculty Sponsor)

**65 Training on law enforcement response to interpersonal violence**

Genna Hilt, Otterbein University (Michele Acker, Leesa Kern, Faculty Sponsor)

**66 Moderating influences on attitudes towards mental health treatment**

Michaela Schmitz, Lakeland University; Mikalea Pingel, Lakeland University; Jessica Kalmar, Lakeland University (Jessica Kalmar, Faculty Sponsor)

**67 Does spending on kids promote parental well-being? A field experiment**

Jeffrey Johnson, Elmhurst University; Anthony Campolattara, Elmhurst University; Robert Zita, Elmhurst University (Elizabeth A. Majka, Faculty Sponsor)

**68 Religious conflict, centrality, and affiliation in sexual minority young adults**

McKenna Tate, Western Kentucky University; Jenessa Canen, Western Kentucky University; Amy Brausch, Western Kentucky University

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## Psi Chi Symposium VIII

Fri 9:30AM - 10:20AM

Salon 02

### **9:30 It's all about MATCH. Applied Graduate Training: Understanding Accreditation and Type of Degree for your Career**

Kristy Keefe, Western Illinois University

In this workshop, attendees will learn about the different applied graduate training programs in psychology. The presenters will discuss the differences between doctoral, transition master's, and terminal master's degrees. The benefits of accreditation when selecting programs of interest and sorting through APA, CACREP, and MPCAC programs. Licensure will also be briefly discussed.

## Psi Chi Symposium IX

Fri 9:30AM - 10:20AM

Salon 09

### **9:30 Transition Resources for Workplace-Bound Bachelor's Level Psychology Graduates**

Paul I. Hettich, DePaul University

This interactive session summarizes Psi Chi and APA bachelor's level career preparation resources (i.e., APA's CWS Data Tools, job satisfaction survey, The Skillful Psychology Student, graduates' workplace skills), the NACE 2023 Job Outlook report of skills employers seek, plus recommendations from professionals in career planning, staffing, and executive search positions.

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**Psi Chi Distinguished Lecture**

**Scaling Single-Session Interventions to Bridge Gaps in Mental Health Ecosystems**

Jessica Schleider  
Stony Brook University

Fri 10:30AM - 11:30AM

Red Lacquer

Moderator: Cosette Fox, Holy Cross College

The discrepancy between need and access to effective mental health support is incontestable. In this talk, I will overview how mechanism-targeted single session interventions (SSIs) can help bridge treatment gaps by complementing and extending existing systems of care. Drawing on findings from large-scale clinical trials, I will share how my lab develops and tests online and provider-delivered SSIs and how we have leveraged multi-sector partnerships to disseminate evidence-based SSIs at scale.

**Conversation Hour with Distinguished Speaker**

Friday 11:30AM-12:30PM

Red Lacquer Room

Moderator: Cosette Fox, Holy Cross College

*All students are invited to join a conversation hour with Dr. Schleider immediately after her talk.*

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## Psi Chi Symposium X

Fri 1:00PM - 1:50PM

Salon 02

### **1:00 Using Psychological Research to Help Community Organizations**

Jason Runyan, Indiana Wesleyan University; Tomecio Hardy, Indiana Wesleyan University; Zak Smith, Indiana Wesleyan University; Cameron Sarin, 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.

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## Psi Chi Data Blitz II

Fri 1:00PM - 2:00PM

Salon 09

Moderator: Alissa Russell, Saint Mary's College

This series of 5-minute talks, each providing a quick overview of the specific research project, will offer a fast-paced tour through some of the most exciting undergraduate research submitted for this year's convention.

### **1:00 Effects of controllability and language on stigma toward mental illness**

Claire Shaver, University of Denver; Kevin Summers, University of Denver; Gina Paganini, University of Denver; E. Paige Lloyd, University of Denver (E Paige Lloyd, Faculty Sponsor)

### **1:08 Assessing racialized mental representation of crack and powder cocaine users**

Maggie Williams, University of Denver; Gina Paganini, University of Denver; Kevin Summers, University of Denver; E. Paige Lloyd, University of Denver (E. Paige Lloyd, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**1:16 The influence of racial experiences and academic pressure on internalizing symptoms in high-achieving Black youth**

India Matthews, Cleveland State University (Shereen Naser, Elizabeth Gony, Faculty Sponsor)

We are examining differences in rates of depression and anxiety in Black high-achieving students compared to their White high-achieving peers. Further, we are looking to see if racial experiences and academic pressure influence rates of depression and anxiety in Black high-achieving youth. Data is currently being collected for this study.

**1:24 Vaccine scarcity's impact on vaccine hesitancy**

Samuel Howard, Ohio University; Gabriella Howard, Northwestern University; Alexandra Howard, Ohio University (Brittany Shoots-Reinhard, Faculty Sponsor)

**1:32 How minority students turn into tokens: An analysis of the diversity regime and tokenization**

Angel Garcia, Elmhurst University (Joshua VanArsdall, Faculty Sponsor)

**PSI CHI AWARD WINNER**

**1:40 Testing the association between alcohol frontloading and negative drinking consequences**

Kiaya Pernick, Buena Vista University; Madison Whalen, Buena Vista University; Hunter Wray, Buena Vista University; Ally Pope, Buena Vista University; Julianna Gates, Buena Vista University (S. Wesley Beckwith, Faculty Sponsor)

Frontloading refers drinking the most when you start drinking. It is supposed to be related to maladaptive patterns of drinking. We tested this by seeing if it is correlated with experiencing negative consequences from drinking.

**1:48 The role of rejection sensitivity in automatic responses to facial expressions: Does the type of expression matter?**

Alexa Boland, Bradley University (Lane Beckes, Joseph Harris, Faculty Sponsor)

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## Psi Chi Symposium XI

Fri 2:00PM - 2:50PM

Salon 02

### **2:00 Leadership: A Psychological Science Perspective and Practical Advice on Building Leadership Skills**

Ngoc Bui, University of La Verne; Martha Zlokovich, Psi Chi, the International Honor Society in Psychology

This talk will focus on leadership as a topic of psychological study, careers in leadership research or consultation, and developing leadership skills through chapter service as an officer, committee chair, or advisor. Speakers will cover practical advice and Psi Chi opportunities for students, as well as faculty advisors and co-advisors.

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## Psi Chi Data Blitz III

Fri 2:00PM - 3:00PM

Salon 09

Moderator: Lindsey Root-Luna, Hope College

This series of 5-minute talks, each providing a quick overview of the specific research project, will offer a fast-paced tour through some of the most exciting undergraduate research submitted for this year's convention.

### **PSI CHI AWARD WINNER**

#### **2:00 Knowing our prosocial tendency: The interrelation between self-reported, informant-reported, and actual helping behavior**

Ellie Chawner, Hillsdale College (Kari McArthur, Jared Parker, Faculty Sponsor)

Three methods for examining helping behavior: friend-report, self-report, and behavioral observation are compared. College friend-pairs participated and one friend rated the other's prosociality, while the other friend, rated their own prosociality and was exposed to a staged helping opportunity. Forty-two percent of the participants offered some form of help.

### **PSI CHI AWARD WINNER**

#### **2:08 The involuntary excluder effect with varying role sizes**

Linda Kawamoto, University of California, Berkeley; Stephen Baum, UC Berkeley, Haas School of Business; Clayton Critcher, UC Berkeley, Haas

School of Business (Clayton Critcher, Faculty Sponsor)

A socially excluded person often misconstrues a person included by an excluder to be an excluder themselves (involuntary excluder effect; Critcher & Zayas, 2014). We present evidence that the effect is present in a larger group context but does not hinge on the number of included or rejected people.

**2:16 Interactive Effects of Performance Level and Managerial Awareness of Psychological Diagnoses on Ratings of Work Performance and Potential**

Diego Theisen, University of Wisconsin - River Falls; Emily Kupka, University of Wisconsin-River Falls (Travis Tubré, Faculty Sponsor)

**2:24 Cultural differences in holistic processing: a behavioral and EEG study**

Zhixing Sun, Kenyon College; Andrew Engell, Kenyon College (Andrew Engell, Faculty Sponsor)

**2:32 Discrimination by association: The role of race and exoneration in hiring decisions**

Emma Bergquist, Butler University (Fabiana Alceste, Faculty Sponsor)

**2:40 Examining the Relationship Between Socio-Economic Status and Racial Homophily**

Sergio Navarrete, University of Illinois at Chicago; Michael Pasek, University of Illinois at Chicago; Kathleen Hudson, University of Illinois at Chicago (Michael H. Pasek, Faculty Sponsor)



## **NOTES**

## **MPA LOCAL REPRESENTATIVES**

Local representatives serve as liaisons between MPA and university Psychology Departments or other programs and institutions. All colleges and universities should have a local representative. If your institution is not listed and you would like to serve as the local rep, please contact Michael J. Bernstein ([mjb70@psu.edu](mailto:mjb70@psu.edu)).

### **Alabama**

University of Alabama at Birmingham & JHT Inc – Shane Pitts

### **Arkansas**

University of Arkansas, Fayetteville – Joel S. Freund

### **California**

California Lutheran University – Amanda ElBassiouny

University of California-Santa Cruz – Anthony R. Pratkanis

### **Colorado**

Colorado State University – Justin Lehmilller

Metropolitan State College of Denver – Lesley Hathorn

University of Denver – Paige Lloyd

### **Florida**

Barry University – Trent Wondra

### **Georgia**

Georgia Institute of Technology, Atlanta – Randall Engle

Kennesaw State University, Kennesaw – Christopher K. Randall

### **Idaho**

Boise State University, Boise – Ronald Eric Landrum

### **Illinois**

Adler School of Professional Psychology – Laruen Calderon

Augustana College – Daniel P. Corts

Aurora University – David Rudek

Benedictine University – Kelly Kandra

Black Hawk College – Brigitte Dorrance

Blackburn College – Trisha K. Prunty

Bradley University – Claire Etaugh

Chicago Medical School – Lawrence C. Perlmutter

Chicago State University, Chicago – Tonya Hall

The Chicago School of Professional Psychology – Kerri Bradley-Ronne

College of DuPage – Elizabeth Arnott-Hill

College of Lake County – Martha J. Lally

Concordia University – Beth Venzke

DePaul University – Ralph Erber  
Eastern Illinois University – Gary Canivez  
Erber Northern Illinois University – Douglas Wallace  
Elmhurst College – Kathleen Sexton-Radek  
Eureka College – Alexander B. Swan  
Governors State University – Sasha N. Cervantes  
Illinois Institute of Technology – Elisabeth Batchos  
Illinois School of Professional Psychology, Chicago – Sue Bae  
Illinois School of Professional Psychology, Schaumburg – Aryn Bostic  
Illinois State University – Eric Wesselmann  
Illinois Wesleyan University – Marie Nebel-Schwalm  
Lake Forest College – Vivian Ta  
Lewis University – Susan Sheffer  
Loyola University – Scott Tindale  
McKendree College – Linda Hoffman  
Midwestern University – Richard Ney  
Millikin University – Rene Verry  
Saint Xavier University, Chicago – Angela Pirlott  
Monmouth College – Tara P. McCoy  
North Central College – Daniel VanHorn  
North Park University – Elizabeth Gray  
Northeastern Illinois University, Chicago – Maureen Erber  
Northeastern Illinois University, DeKalb – Doug Wallace  
Northwestern University – David Uttal  
Olivet Nazarene University, Bourbonnais – Kristian M.  
Quincy University, Quincy – Kristina Mouzakis  
Roosevelt University – Susan Torres-Harding  
Rosalind Franklin University of Medicine and Science – Steven Miller  
Southern Illinois University, Carbondale – Michael Hylin  
Southern Illinois University, Edwardsville – J. Thad Meeks  
University of Chicago – Dario Maestriperieri  
University of Illinois, Chicago – Jennifer Wiley  
University of Illinois-Springfield – Carrie Switzer  
Western Illinois University – Kristine Kelly

## **Indiana**

Ball State University – Michael Tagler  
Bethel College – Terry Chi  
Butler University – Brain Giesler  
DePauw University – Susanne Biehle  
Earlham College – Rachael D. Reavis  
Franklin College – Jamie Bromley  
Hanover College – Ellen Altermatt  
Indiana University, Bloomington – Ed Hirt  
Indiana University East – Deborah Miller  
Indiana University Kokomo – Rosalyn Davis

Indiana University Purdue University Columbus Center – Joan Poulson Indiana  
University Purdue University – Dan Miller  
Indiana University – Purdue University Indianapolis – Leslie Ashburn-Nardo  
Indiana University Southeast – Donna Dahlgren  
Indiana Wesleyan University – Christopher Devers  
Manchester University – Marcie Coulter-Kern  
Purdue University – Thomas S. Reddick  
Saint Mary’s College – Rebecca Stoddart  
University of Notre Dame – Dan Lapsley  
University of Saint Francis –Monica L. Heller  
University of Southern Indiana – Julie Eyink  
Valparaiso University – Daniel Arkkelin

### **Iowa**

Central College, Pella – Randall Renstrom  
Clarke University– Olivia Aspiras  
Cornell College – William Dragon  
Grinnell College – Chris Ralston  
Grand View University – Joshua Woods  
Loras College – Julia Omarzu  
Luther College – David M. Njus  
Morningside College – Larry David Sensenig  
Mount Mercy University – Jaclynn Sullivan  
Simpson College – Sal Meyers  
St. Ambrose University – Katrina Okerstrom-Jezewski  
University of Iowa, Iowa City – Cathleen Moore  
University of Northern Iowa – Helen C. Harton  
Wartburg College – Cynthia Bane

### **Kansas**

Fort Hays State University – Carol Patrick  
Kansas State University – Don Saucier  
Kansas Wesleyan University – Steve Hoekstra  
Pittsburg State University – Gwen Murdock  
University of Kansas – Nyla R. Branscombe  
Washburn University – Cynthia Wooldridge

### **Kentucky**

Centre College – KatieAnn Skogsberg  
Transylvania University – Iva Katzarska-Miller  
Morehead State University – Laurie Couch  
Northern Kentucky University – Kathleen Fuegen  
University of Kentucky – Michael Bardo  
University of Louisville – Marci DeCaro

## **Massachusetts**

Framingham State University – Phoebe Lin  
Northeastern University – Stephen Harkins  
Simmons University – Megan K. McCarty

## **Michigan**

Central Michigan University – Roger Van Horn  
Eastern Michigan University – Natalie Dove  
Ferris State University – Christopher Redker  
Grand Valley State University – Kristy Dean  
Hillsdale College – Kari McArthur  
Hope College – Carrie Bredow  
University of Detroit Mercy – Steven Abell  
Michigan State University, East Lansing –  
Michigan Tech University – Susan Amato-Henderson  
Olivet College – Dina Battaglia  
Rochester University – Robyn Siegel-Hinson  
Saginaw Valley University, University Center – Jeanne Malmberg  
University of Michigan, Ann Arbor – Allison Earl  
University of Michigan, Dearborn – Robert W. Hymes  
University of Michigan, Flint – Jeannette Stein

## **Minnesota**

Augsburg College – David Matz  
Aurora University – Christina Krause  
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Butler University of Minnesota – Scott Carlson  
Concordia College – Mona Ibrahim  
Gustavus Adolphus College, St. Peter – Jennifer Ackil  
Metropolitan State University, St. Paul – Mark Stasson  
Minnesota State University, Mankato – Emily Stark  
Minnesota State University Moorhead - Brenda Koneczny  
Southwest Minnesota State University, Marshall – Corey  
St. Catherine University, St. Paul – Andrea Olson  
St. Cloud State University, St. Cloud – Amanda Hemmesch Breaker  
St. Olaf College, Northfield – Grace Cho  
St. Thomas University, St. Paul – John Buri  
University of Minnesota, Morris – Dennis Stewart

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University of Missouri, St. Louis – Matthew Taylor  
Columbia College – Gretchen Hendrickson  
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University of Missouri, Columbia – Nicole Campione-Barr  
Lindenwood University – Rebecca Foushee

Missouri State University – Amber Abernathy  
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Rockhurst University - Marissa Roffler  
Saint Louis University – Ruth Warner  
Southeast Missouri State University, Cape Girardeau – Jeremy D Heider.  
University of Central Missouri, Warrensburg – David Washington University, St.  
Louis – Randy J. Larsen  
Westminister College, Fulton – David K. Jones

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College of Saint Mary – Molly Mahoney  
Creighton University – Thomas Budesheim  
Hastings College – Chuck Eigenberg  
University of Nebraska – Cynthia Willis-Esqueda  
Nebraska Wesleyan University, Lincoln – Abigail A. Mitchell  
University of Nebraska, Omaha – Beth Lyon  
Wayne State College, Wayne – Karen E. Walker

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State University of New York, Fredonia – Jack S. Croxton  
Syracuse University – Stanislav Treger  
University at Buffalo – Kenneth DeMarree

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University of Mary, Manisha Sawhney  
University of North Dakota, Grand Forks – Thomas Petros

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Case Western Reserve University – Robert L. Greene  
Cleveland State University – Connor McLennan  
College of Wooster – Amber Garcia  
College of Mount St. Joseph – Jim Bodle  
Denison University, Granville - Robert Weis  
Findlay University – Andrea Mata  
Heidelberg University – Virginia Gregg  
John Carroll University – Angie Jones

Kent State University, Kent – William Merriman  
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Miami University of Ohio – Heather M. Claypool  
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Ohio State University, Mansfield – Terri Fisher  
Ohio University – Kimberly Rios  
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Stark State College – Bryan Gerber  
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University of Dayton - Erin M. O'Mara Kunz  
Ursuline College – Christopher L. Edmonds  
Walsh University – Nina Rytwinski  
Wright State University – Martin Gooden  
Xavier University – Tammy Sonnentag  
Youngstown State University – Karen Giorgetti

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University of Oklahoma – Eugenia Fuenzalida

### **Oregon**

Linfield College – T. Lee Bakner

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Gannon University – Michael Sadler  
Penn State University Abington – Russell Webster  
Seton Hill College – Lawrence L. Jesky  
Slippery Rock University of Pennsylvania – Beth Ann Rice  
St. Vincent College – Devin Fava  
Susquehanna University – James Briggs  
Widener University – Karen Rose

### **South Carolina**

The Citadel – Steve A. Nida

### **South Dakota**

Augustana University – Benjamin Jeppsen  
South Dakota State University – Tyler Miller  
University of South Dakota – Damian Lonsdale

### **Tennessee**

Tennessee Technological University – Stephanie A. Kazanas

### **Texas**

Texas Tech University, Lubbock – Michael Serra  
University of Texas – Bertram Gawronski  
University of the Incarnate Word, San Antonio – Harold Rodinsky

### **Virginia**

Washington and Lee University – Julie Woodzicka

### **Washington, D.C.**

Howard University – Lloyd Ren Sloan

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Cardinal Stritch University – Trevor Hyde  
Carroll University – Tara Schmidt  
Carthage College – Anthony Barnhart  
Edgewood College – David Lambert  
Lakeland College – Elizabeth Stroot  
Lawrence University – Beth A. Haines  
Marquette University – Michael Wierzbicki  
Medical College of Wisconsin – Terri deRoos-Cassini  
Mount Mary University – Laurel End  
Ripon College – J. Timothy Petersik  
St. Norbert College – Paul Y. L. Ngo  
University of Wisconsin, Green Bay – Regan Gurung  
University of Wisconsin, La Crosse – Katy Kortenkamp  
University of Wisconsin, Madison – Allyson J. Bennett  
University of Wisconsin, Milwaukee – Diane M. Reddy  
University of Wisconsin, River Falls – Abigail Jackson  
University of Wisconsin, Stevens Point – Craig Wendorf  
University of Wisconsin, Menomonie – Sarah Wood  
University of Wisconsin, Superior – Eleni Pinnow  
University of Wisconsin, Whitewater – Sasha Karnes  
Wisconsin Lutheran College – Wendy Close

### **West Virginia**

Fairmont State University – Zach Moore  
Marshall University – April Fugett

### **CANADA**

#### **Ontario**

Carleton University – John Zelenski  
Toronto Metropolitan University – Jason Deska

### **BOSNIA**

International University of Sarajevo - Giovanni F. Misceo



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