PROGRAM

NINETY-SECOND ANNUAL MEETING

MIDWESTERN PSYCHOLOGICAL ASSOCIATION

APRIL 23-25, 2020

CHICAGO

Table of Contents

NEXT YEAR'S MEETING

April 22-24, 2021, Chicago

Wednesday
Registration in Exhibit Hall 4:00PM-8:00PM

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

Room	8:30AM – 10:20AM	10:30AM – 12:20PM
Exhibit Hall	███████████	███████████
Adams		
Crystal		*MPA Invited Presidential Address*: Ted Robles (p.)
Chicago		Ostracism and Social Rejection I (p.)
Salon 1	Gaming & Social Media (p.)	Stigma & Health (p.)
Salon 2	███████████	███████████
Salon 3	Romantic Relationships (p.)	SYM: *Understanding the Role of Goal-Related Perceptions and Beliefs in Self-Regulation (p.)*
Salon 4/9	PROF DEV: Career paths in psychology (p.)	PROF DEV: Career Advice from Acadmic Mamas (p.)
Salon 5/8	Emotion (p.)	SYM: *Daoist Cognition and Application: Connecting Western with Eastern Thinking (p.)*
Salon 6/7	Religion (p.)	Race and Ethnicity (p.)
Salon 10	SYM: *Multi-perspectives on Individual and Community Transformative Change*	Issues Related to Interventions and Treatment
Salon 12	Cognition – Language (p.)	Cognition – Development (p.)
Indiana	SYM: *Marginalized youths' post-high school plans and future aspirations: An ecological analysis (p.)*	Disordered Eating and Appearance Concerns (p.)
Kimball		PROF DEV: Graduate Teaching (p.)
Logan	STP Podcast	STP Podcast
Wilson		PROF DEV: Strategies for effective learning and teaching I (p.)

Room	1:00PM – 2:50PM	3:00PM – 4:50PM
Exhibit Hall	Applied Social Psychology Posters (p.)	Cognitive Psychology Posters (p.)
Adams		
Crystal	*MPA Invited Presidential Address*: Deanna Barch (p.)	WORKSHOP: We get knocked down (p.)
Chicago	Empathy, Morality, & Fairness (p.)	Social Cognition (p.)
Salon 1	INV SYM: *2020 Hindsight (p.)*	Interpersonal Aggression (p.)
Salon 2		
Salon 3	Political Psychology I: Bad Politics (p.)	Self Regulation & Goals (p.)
Salon 4/9		PROF DEV: Teaching Undergrad Stats and Methods (p.)
Salon 5/8	Online Interactions (p.)	The Self (p.)
Salon 6/7	Stereotyping & Prejudice (p.)	Stigma & Bias (p.)
Salon 10	Health Related Decision-Making (p.)	Effects of Trauma (p.)
Salon 12	Learning and Education I (p.)	Measurement & Methodological Issues (p.)
Indiana	SYM: *When Emotions Go Awry (p.)*	Substance Use & Addiction (p.)
Kimball	PROF DEV: Collaborative Reseaech Teams (p.)	PROF DEV: Out of the box professional development (p.)
Logan	STP Podcast	STP Podcast
Marshfield	Charing Departments (p.)	PROF DEV: Solving the two body problem (p.)
Wilson	PROF DEV: Strategies for effective learning and teaching II (p.)	PROF DEV: Helping yourself and others get hired (p.)

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

Room	8:30AM – 10:20AM	10:30AM – 12:20PM
Exhibit Hall	███████████████████	10:30-12:20 Neuro Posters (p.) 11:30-12:20 STP Posters (p.) 12:30-1:20 SCRA Posters (p.)
Red Lacquer	*MPA Invited Presidential Address*: Jeff Karpicke	███████████████████
Crystal	STP invited Address: Christine Reyna (p.)	████████████████
Chicago	Groups & Intergroup Relations (p.)	Ostracism & Social Rejection II (p.)
Salon 1	*INV SYM: Influences on Disordered Eating Attitudes and Behaviors (p.)*	Family Relationships & Health (p.)
Salon 2	███████████████████	*WORKSHOP: The research laboratory as a place for learning* (p.)
Salon 3	Violence & Aggression (p.)	Dark Personality (p.)
Salon 4	*STP Roundtable (p.)*	
Salon 5/8	STP Podcast	Persuasion (p.)
Salon 6/7	Family Relationships (p.)	SYM: Fandom: Fulfilling Psychological Needs and a Sense of Identity (p.)
Salon 9	██████████████	██████████████
Salon 10	INV SYM: Teaching in the Behavioral Sciences with Activities and Laboratory Experiments (p.)	Cognitive and Behavioral Neuroscience (ADJUSTED TIMES; p.)
Salon 12	Reasoning and Problem-Solving (p.)	Cognition: Attention (p.)
Wilson	*INV SYM: APA Advancing Psychology Through Advocacy*	Culture (p.)
Indiana Kimball Logan Madison Marshfield	*Division 27: Society for Community Research and Action Symposia and Roundtables* (p.)	

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

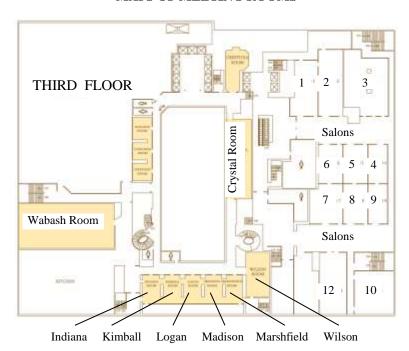| Room	1:00PM – 2:50PM	3:00PM – 4:50PM
Exhibit Hall	Clinical and Developmental Poster Session I (p.)	
Red Lacquer	*MPA Invited Diversity Presidential Address*: Linda Tropp (p.)	*MPA Award Ceremony and Presidential Address* Ximena Arriaga (p.)
Crystal	STP Invited Address: Guy Buyson (p.)	
Chicago	SYM: The Psychological Correlates of Racism and Sexism Among Ethnic Minority Students (p.)	
Salon 1	Resilience in Childhood and Adolescence (p.)	
Salon 2	████████████	
Salon 3	Social Perception (p.)	
Salon 4	Prof Dev??? (p.)	
Salon 5/8	Attitudes (p.)	
Salon 6/7	Political Psychology II: Ideological Differences (p.)	
Salon 9	████████████	
Salon 10	INV SYM: Interactions between Vulnerability to Stress and Alcohol Drinking Behaviors (p.)	
Salon 12	Memory: Forgetting (p.)	
Wilson	PROF DEV VIII: Transitioning for Teaching and Research at Teaching Intensive Institutions (p.)	
Indiana		
Kimball	12:30 *Society for Community Research and Action: Symposia and Roundtables* (p.)	
Logan		
Madison		
Marshfield		

Social Hour: 5:00PM – 7:00PM
Empire Ballroom (Adjacent to Main Lobby) - All are invited!
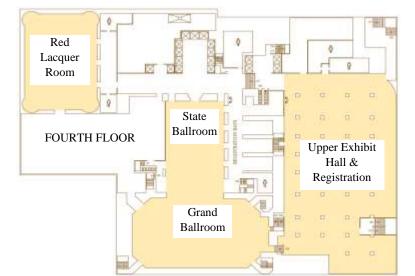
Saturday
Registration in Exhibit Hall 8:00AM-12:00PM

Room	8:30-10:20AM	10:30AM-12:20PM	12:30PM-2:20PM
Exhibit Hall	Social Psychology Posters I (p.)	Social Psychology Posters II (p.)	Clinical & Developmental Posters II (p.)
Adams			
Crystal			
Salon 1	Adjustment and Mental Health in Adolescents and Emerging Adults (p.)	SYM: Evidence-Based Treatments: Family First Prevention Services Act (p.)	Borderline Personality Disorder (p.)
Salon 2	PROF DEV IX: Graduate Student and Faculty Success (p.)	Bias in Social Perception (p.)	Intergroup Relations (p.)
Salon 3	Political Psychology III: Status, Power, and Morality (p.)	SYM: Values, Beliefs, and Motives in Nationally Representative Samples	Interpersonal Relationships (p.)
Salon 4	*STP Symposia & Roundtables (p.)*	WORKSHOP: Cross-Lags and "Causality" (p.)	STP PODCAST (p.)
Salon 5/8	Applications of Social Psychology (p.)	Psychology of Teaching (p.)	Industrial and Organizational Psychology (p.)
Salon 6/7	Automaticity (p.)	Prosocial Behavior (p.)	
Salon 9	*STP Symposia & Roundtables (pp.)*		
Salon 10	PROF DEV: Applied Professional Development (p.)	Motivation (p.)	
Salon 12	Cognition & Aging (p.)	Learning and Education II (p.)	Episodic Memory (p.)

The *Call for Papers* for next year's meeting (April 22-24, 2021)
will be posted September 1, 2020 at www.midwesternpsych.org.

6

MAPS OF MEETING ROOMS

THIRD FLOOR

Crystal Room

1 2 3

Salons

6 5 4

7 8 9

Salons

12 10

Wabash Room

Indiana   Kimball   Logan   Madison   Marshfield   Wilson

Red
Lacquer
Room

State
Ballroom

FOURTH FLOOR

Upper Exhibit
Hall &
Registration

Grand
Ballroom

7

MAPS OF MEETING ROOMS

FIFTH FLOOR

BUCKINGHAM ROOM

UP

DN

DN

UP

PRICE ROOM

Chicago Room

DN

SIXTH FLOOR

WATER TOWER PARLOR

Adams
Ballroom

MONROE
ROOM

GRANT PARK
PARLOR

HANCOCK
PARLOR

MEDINAH
PARLOR

8

PRESIDENT'S MESSAGE

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: www.midwesternpsych.org. Online membership dues are $45 for one year or $120 for three years. Graduate students may become members with an endorsement from a faculty member. Graduate student membership is $25 for one year. 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

Registration

All attendees should register for the meeting in advance: www.midwesternpsych.org. Advanced registration fees are $25 for regular MPA members, $15 for graduate student members, $25 for undergraduates, and $100 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. **An additional registration fee will apply to onsite registration.**

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

Access for Persons with Disabilities

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 Club Floor. 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.

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

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

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

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.

If driving from 90/94: Take I-90/94 to Monroe Street exit, turn left on Monroe Street (east), approximately 8 blocks to the Palmer House. Hotel is on the right.

If driving from 55: Take Stevenson Expressway (I-55) northeast to Kennedy Expressway (I-90) west. Exit Monroe Street, turn right (east), 8 blocks to the Palmer House. Hotel is on the right.

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

President:	Ximena Arriaga, Purdue University
Past-President:	Duane T. Wegener, The Ohio State University
President-Elect:	Ed Hirt. Indiana University
Council Member:	Robyn Mallett, Loyola University Chicago
Council Member:	Heather M. Claypool, Miami University
Council Member:	Tara MacDonald, Queens University
Executive Officer:	Michael J. Bernstein, Pennsylvania State University
Treasurer:	Daren Kaiser, Indiana University-Purdue University Fort Wayne
Historian:	Bernard L. Dugoni, University of Chicago

Program Moderator
Melissa Buelow – Ohio State University Newark

Program Committee
Jeanette Altarriba – SUNY Albany (2018-2020)
Amanda Dykema-Engblade – Northeastern University (2019-2021)
Shira Gabriel – State University of New York Buffalo (2019-2021)
Verena Graupmann – DePaul University (2019-2021)
Marie Nebel-Schwalm – Illinois Wesleyan University (2019-2021)
Thomas Redick – Purdue University (2019-2021)
Jim Wirth – The Ohio State University at Newark (2019-2021)
Amy Brunell – The Ohio State University (2020-2022)
Christine Smith – Grand Valley State University (2020-2022)
Sarah Schoppe Sullivan – The Ohio State University (2020-2022)
Justin Yates – Northern Kentucky University (2020-2022)
Beth Ann Rice – Slippery Rock University (2020-2022)

2021 Program Moderator will be Heather Claypool – Miami 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 (Penn State University – Abington)
Ilker Erkut (Penn State University – Abington)

2020 GRADUATE STUDENT PAPER AWARDS

Kathryn Kroeper, Indiana University-Bloomington
Counterfeiting diversity dampens perceived sincerity and elevates identity threat concerns

Elizabeth Sneddon-Yepez, Miami University
Dopaminergic neuronal subpopulations contributions to aversion-resistant alcohol intake

Kevin Jaworski, Cleveland State University
Shame, emotion regulation and substance craving among those in AA/NA

Han Zhang, University of Michigan
Scan-paths of mind-wandering during real-world scene perception

Jiaqian (Jane) Wang, Northwestern University
More unequal, less green: Inequality undermines pro-environmental behavior

Alexandra Scharmer, University of Minnesota, Twin Cities
Political elites' climate change communication: Party differences and temporal trends

NEW MPA FELLOWS

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.
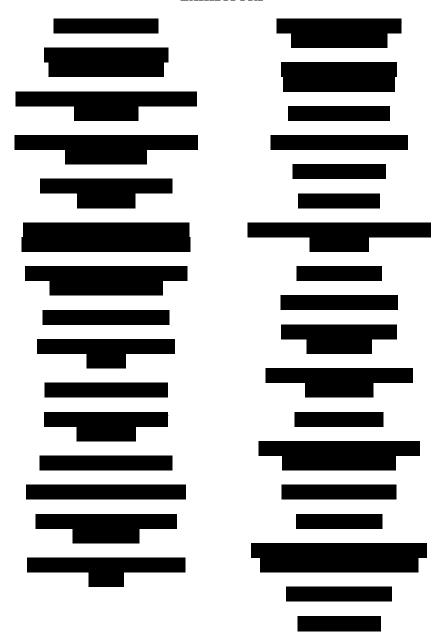
MPA PAST PRESIDENTS

1928 Adam R. Gilliland
1929 A. P. Weiss
1930 Max F. Meyer
1931 Louis L. Thurstone
1932 Herbert Woodrow
1933 Horace B. English
1934 John J. B. Morgan
1935 John A. McGeoch
1936 Christian A. Ruckmick
1937 Harvey A. Carr
1938 Arthur G. Bills
1939 Edmund S. Conklin

1940 Joy Paul Guilford
1941 Elmer A. Culler
1942 J. P. Porter
1943 Robert H. Seashore
1944 No meeting
1945 No meeting
1946 Sidney L. Pressey
1947 Dael L. Wolfle
1948 Harry F. Harlow
1949 B. F. Skinner

1950 Claude E. Buxton
1951 William A. Hunt
1952 Donald B. Lindsley
1953 David A. Grant
1954 Judson S. Brown
1955 Paul E. Meehl
1956 Benton J. Underwood
1957 William K. Estes
1958 Delos D. Wickens
1959 Arthur W. Melton

1960 Ross Stagner
1961 Marion E. Bunch
1962 I. E. Farber
1963 Donald W. Fiske
1964 G. Robert Grice
1965 Melvin H. Marx
1966 Carl P. Duncan
1967 Donald T. Campbell
1968 James J. Jenkins
1969 Edward L. Walker

1970 Harold W. Hake
1971 Donald R. Meyer
1972 David Ehrenfreund
1973 Frank Restle

1974 M. Ray Denny
1975 Winfred F. Hill
1976 William N. Dember
1977 Nathan H. Azrin
1978 James G. Greeno
1979 Rudolph W. Schulz

1980 Donn Byrne
1981 James A. Dinsmoor
1982 Kay Deaux
1983 Bibb Latane
1984 Judith P. Goggin
1985 June E. Chance
1986 Leonard D. Eron
1987 Neal F. Johnson
1988 J. Bruce Overmier
1989 Margaret J. Intons-Peterson

1990 Norman K. Spear
1991 Geoffrey Keppel
1992 Elizabeth E. Capaldi
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 Marilynn 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

EXHIBITORS

███████████████

████████████████████

██████████████████████████
█████████████

███████████████████████
███████████████

████████████████
█████████████

████████████████████████████████

█████████████████████████
████████████

████████████████████

██████████████████████
█████████████

████████████████████

██████████████████████
█████████████

███████████████████████

██████████████████████████████

█████████████████████
██████████████

██████████████████████
█████████

████████████████████████
█████████████

█████████████████████

███████████████████████████████
██████████████

█████████████

███████████████

██████████████████
████████████

███████████████████████████
████████████

█████████████████

█████████████

████████████████████████████
████████████

███████████████

█████████████████████
████████████

████████████████████████
████████████

█████████████████

████████████████████████████
████████████

██████████████████████

██████████████████

██████████████████████████████
█████████████████████████

████████████████████

████████████

Why Choose PSI CHI?

Psi Chi offers **more resources** tailored for your psychology career path than any other honor society.

Joining or reconnecting with our **Professional Organization** unites you with more than three-quarters of a million **lifetime members** who share similar interests in psychology.

A single one-time membership fee is all you'll ever have to pay—for life!

Membership Benefits

- **$400,000+ in Awards, Grants, and Scholarships**

- **Access to read and publish in**
  a. *Eye on Psi Chi* magazine
  b. *Psi Chi Journal of Psychological Research*
  c. *Psi-Chi-ology Lab*

- **Advantages through your local chapter**
  a. Leadership oppotunities
  b. Valued friendships
  c. Personalized education
  d. Mentoring involvement
  e. Community service

- **Network at regional and national conventions**

- **Job openings listed online at our Career Center**

- **Online resources about**
  a. Conducting research
  b. Graduate school
  c. Career preparation
  d. Attending and presenting at conventions
  e. Leadership
  f. Embracing diversity

22

Gaming and Social Media

Thu 8:30AM - 10:20AM   Salon 01
Moderator: Michael Baumann, The University of Texas at San Antonio

8:30 Ready Researcher 1? An empirical tale of conducting "new wave" video game research
Patrick Ewell, Kenyon College
This presentation intends to promote innovation in videogame research to contend with the rapidly changing nature of gaming. Data from several studies (experimental, longitudinal and descriptive social network analyses) will be presented alongside methodological suggestions to promote novel research questions and ecologically valid narratives.

9:00 Enhanced Community through Augmented Reality: Social Benefits of Pokemon Go
Brad Sagarin, Northern Illinois University; Kimberly Lawler-Sagarin, Elmhurst College; Andrew Pederson, Northern Illinois University
449 Pokemon Go players responded to a brief, anonymous survey. 88% reported meeting someone through Pokemon Go, 78% visited a new location, and 35% patronized a new business. Pokemon Go level correlated significantly (r = .37) with sense of belonging to the community in which participants play.

9:15 Competitive Orientation and Emotional Response in Recreational Board Gamers
Corey Butler, Southwest Minnesota State University; Zoe Hess, Southwest Minnesota State University; Courtney Hedeen, Southwest Minnesota State University
Two samples (chess players and board gamers) were surveyed online about

their competitive orientations, as well as positive and negative affect after playing games. Hypercompetive attitudes correlated with negative affect (also modestly with positive affect) and self-development competitive attitudes correlated with positive affect. Results are discussed in terms of Karen Horney's theory of neurosis.

9:30 Video Game Aggression Measure (VGAM): Creation, Examination, and Validation

Morgan VanCleave, Southern Illinois University Edwardsville; Hannah Darden, Southern Illinois University Edwardsville; Stephanie Olivares, Southern Illinois University Edwardsville; Janvi Patel, Southern Illinois University Edwardsville; Jocelyn Rahim, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville

A Video Game Aggression Measure (VGAM) was created collaborating with computer engineering students. Pilot tests and a validation study comparing the VGAM with both explicit and implicit measures of aggressive attitudes and behaviors supported the use of the VGAM. The VGAM was significantly related to the other measures of aggression.

9:45 Talking face-to-Facebook: The promoting relationships in social media (PRISM) project

Amori Mikami, University of British Columbia

Instagram and Facebook are nearly ubiquitous today. However, many have questioned the effect of this technology on society. I discuss my research finding both pros and cons associated with social media use for adjustment, as well as who is more at risk for the cons relative to the pros. I argue that the way we use social media matters more than the amount that we use it. Finally, I present a novel intervention to help people use social media in a way that fosters social connectedness.

Religion

Thu 8:30AM - 10:20AM   Salon 06/07
Moderator: Megan Haggard, Francis Marion University

8:30 Religious intuitions, theory of mind, and supernatural experience

Laird Edman, Northwestern College; Hannah Paauw, Northwestern College; Cole Mills, Northwestern College; Taelor Lamansky, Northwestern College; Nolan Behr, Northwestern College; Alyssa Daun, Northwestern College; Ethan Husbands, Northwestern College

This study examined the controversy surrounding the relationship of

mentalizing and religiosity. Results indicate that mentalizing is predictive of intimate religious experience over and above thinking style and absorption, and experiences of supernatural evil are more highly related to measures of mentalizing than are experiences of supernatural good.

8:45 Moral Outrage can be Elicited by Others' Beliefs Alone
Emily Galeza, Southern Illinois University Carbondale; Liana Peter-Hagene, Southern Illinois University Carbondale
Moral outrage has only been studied in reaction to transgressive behaviors, not beliefs alone. We found that people can be morally outraged at others' beliefs as much as at others' behaviors, whether they were extremely outrageous (accepting pedophilia, Study 1) or common yet divisive beliefs (abortion rights, Study 2).

9:00 We're All Sinners: Religion and the Demonization of Sex Workers
Jessica Hodges, Murray State University; Shahzor Hashim, Murray State University; Jana Hackathorn, Murray State University
Two studies examined the extent to which an individual's religiosity predicts demonization of legal sex workers, and whether sexual guilt and attitudes toward pornography play a role. Results reveal sexual guilt, not general attitudes toward pornography, is the driving influence in relationship between religiosity and demonization of sex workers.

9:15 Religious Identification, Self Discrepancy, and Well-being
Tommy Derossett, Saint Louis University; Richard Harvey, Saint Louis University
A majority of Americans are religious, yet there is little empirical understanding regarding the outcomes of holding a religion. This study aims to develop a better understanding of the relationship between religiosity and well-being through the theoretical framework of self-discrepancy theory and balance theory.

9:30 Prayer and Closeness to God in Three Different Religious Samples
Benjamin Jeppsen, Augustana University; Patrick Pössel, University of Louisville; Stephanie Winkeljohn Black, Penn State Harrisburg
The psychology of prayer research is often limited by an assumption that religions interact with prayer and mental health in similar ways. This study examines prayer and mental health mediated by closeness to God in Christian, Jewish, and Muslim pray-ers. Implications for culturally informed mental health care will be discussed.

9:45 A Cross-Cultural Examination of Religiosity and Sex Ratio

Adam Tratner, Oakland University; Melissa McDonald, Oakland University; Todd K. Shackelford, Oakland University; Virgil Zeigler-Hill, Oakland University

Why are people religious? From a behavioral ecological perspective, the ratio of males and females in a given population may shape sociocultural characteristics of human societies, such as religiosity. An archival, cross-cultural, cross-sectional study was conducted, revealing that men and women's religiosity varies as a function of population sex ratio.

Emotion

Thu 8:30AM - 10:20AM   Salon 05/08
Moderator: Mischkowski Dominik, Ohio University

8:30 The Dynamics of Positive Emotion, Social Connection, and Health

Pallavi Aurora, Kent State University; Karin Coifman, Kent State University

Utilizing experience-sampling methodology, time-linked associations between positive emotions, adaptive health behaviors and social connection emerged in a community sample with a PTSD qualifying event and a college sample. Results augment established research suggesting an upward spiral dynamic between these variables, to facilitate physical and psychological health.

8:45 Individual Differences in Positive Emotion Dispositions Predict Pro-Environmental Outcomes

Tyler Jacobs, Miami University; Allen McConnell, Miami University

Undergraduates ($N = 408$) completed measures of dispositional positive emotions, environmental motivations, and past conservation behaviors. Self-transcendent positive emotions (awe, compassion, love) uniquely predicted greater nature-centered motivations and conservation behavior, whereas self-centered positive emotions (joy, contentment, pride, and amusement) uniquely predicted less nature-centered motivations and conservation behavior.

9:00 Effects of Parental Emotion Regulation on Transmission of Affective Instability

Courtney Weaver, Cleveland State University; Tannaz Mirhosseini, Cleveland State University; Anna Olczyk, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

We hypothesized that parental emotion regulation (ER) deficits in the form of

insufficient adaptive and abundant maladaptive response repertoires will mediate the transmission of parental affective instability (AI) to their children. As expected, parental ER deficits mediated parental AI transmission to their offspring. Clinical implication will be discussed.

9:15 Attentional Biases in Response to Borderline Personality Disorder-Specific Stimuli
Cheyene Horner, Cleveland State University; Eric Allard, Cleveland State University
The present study examined relationships between emotion regulation strategy preferences and borderline personality disorder (BPD) symptomology as a function of affective intensity. Results revealed that regardless of BPD symptom level, proactive reappraisal was preferred in low intensity situations, while avoidant distraction was preferred in high intensity situations.

9:30 Youth Anxiety Moderates Parent Negative Affect Recovery in Daily Life
Anna Olczyk, Cleveland State University; Tannaz Mirhosseini, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
The present study examined youth anxiety as a moderator between parent and youth peak and current negative affect in daily life. When parents are at peak distress, higher levels of youth anxiety were associated with less recovery from distress between parent peak and current negative affect.

9:45 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; Marie Duguay, King's University College at Western University
We examined predictors of life satisfaction and national satisfaction with a worldwide sample of participants from 76 countries. While there were some common predictors of life satisfaction and national, a number of regional, demographic and dispositional differences were also found. The various relationships and implications are discussed.

Romantic Relationships

Thu 8:30AM - 10:20AM   Salon 03
Moderator: Aimee Adam, Indiana University Southeast

8:30 Negative Body Image and Romantic Relationship Quality: A Meta-Analysis
Dana Stiles, Saint Louis University; Lijing Ma, Saint Louis University; Eyad Naseralla, Saint Louis University; Hannah Fitterman-Harris, Saint Louis University; Cort Rudolph, Saint Louis University
The present meta-analysis of forty-four studies examined the relationship between negative body image and relationship satisfaction. Results generally confirm hypotheses, indicating that a negative relationship exists between negative body image and relationship satisfaction. Follow-up moderator analyses also indicated that this relationship was stronger in samples that included relatively more females.

8:45 Up-regulation of Sexual Desire in Long-term Relationships
Lauri Davis, University of Missouri-St. Louis; Sandra J.E. Langeslag, University of Missouri-St.Louis
Diminished sexual desire is common in long-term relationships. When performing sexual imagery, participants felt more sexual desire and infatuation for their partner. They also felt more infatuation when thinking about positive aspects of the partner. The ability to increase sexual desire has important implications in real life and clinical contexts.

9:00 Up-regulation of love and positive emotions within marriage
Kruti Surti, University of Missouri-St.Louis; Sandra J.E. Langeslag, University of Missouri-St.Louis
Love within marriages can decrease over time, sometimes leading to divorces. Can positively reappraising the spouse and up-regulating positive emotions increase love, marital satisfaction, and motivated attention? While there were no regulation effects, viewing spouse pictures increased love and marital satisfaction, which may lead to greater marital stability.

9:15 Male Attitudes Towards Post Marital Counselling Participation Among Married Couples
Bakadzi Moeti, University of Botswana
Attitudes play a significant role in Post Marital Counselling (PMC) participation amongst married couples. The current study sought to provide qualitative data about males attitudes associated with PMC participation among married couples in Botswana. Twenty-five married couples and service providers took part in the interviews and focus group discussions.

9:30 Perceptions of Infidelity in Asexual and Aromantic Populations
Hailey Hatch, Saint Louis University; Lijing Ma, Saint Louis University;

Eddie Clark, Saint Louis University
This study examined asexual and aromantic individuals' perception of infidelity. Participants rated the extent they believed various behaviors were considered cheating. Aromantic participants were less likely to consider sexual interaction or close relationship behaviors as cheating compared to asexual participants and participants with both identities.

9:45 Sexual Education and Sexual Minority Status Associated with IPV Victimization
Edward Gorski, Cleveland State University; Elizabeth Goncy, Cleveland State University; THRiVE Collaborative, Cleveland State University
Studies have shown a relationship between sexual minority status (SMS) and IPV victimization, and exposure to inaccurate sexual education online and via pornography and victimization. Linear regression analyses determined if victimization was associated with SMS and exposure to inaccurate sex education online and from porn. Results partially supported this hypothesis.

Cognition - Language

Thu 8:30AM - 10:20AM   Salon 12
Moderator: Anthony Barnhart, Carthage College

9:00 Cross-cultural differences in mother-child engagement with picture books
Julia Borland, Northwestern University; Sirada Rochanavibhata, Northwestern University; Viorica Marian, Northwestern University
We examined communicative patterns of mothers and their four-year-olds across cultures. Twenty-one American and 21 Thai mother-child dyads completed a book reading task. Results revealed differences in language use and conversation content between the two groups. We conclude that linguistic and cultural background can influence communication styles in mother-child interactions.

9:15 Cognitive relations contribute to change in word meaning over time
Eyal Sagi, University of St. Francis
This paper uses large scale text analysis to explore patterns of change in word meaning over time. Words whose interpretation relies on relations, such as verbs, also exhibit a higher rate of semantic change compared to nouns that denote entities. This highlights the relationship between cognitive representations and word meaning.

9:30 Perspective as a writing tool: Third-person imagery facilitates analytical language
Phuong Le, The Ohio State University; Lisa Libby, The Ohio State University
Writing in an analytical, categorical vs. narrative, dynamic style predicts academic success (Pennebaker et al., 2014). Consistent with imagery perspective's effect on processing style (Libby & Eibach, 2011), two studies found that participants described life events in a more categorical (vs. dynamic) style when picturing them using third-person (vs. first-person) imagery.

9:45 Handwriting Highlights the Dynamic Processes that Underlie Reading
Anthony Barnhart, Carthage College; Stephen Goldinger, Arizona State University
Recently, researchers have begun to consider the processes that allow for the reading of messy, handwritten words. We describe the outcomes of three experiments that highlight the dynamic, sometimes counterintuitive, set of processes that occur along the pathway from recognition to articulation of words presented in natural handwriting.

Professional Development: Career paths in psychology

Thu 8:30AM - 10:20AM   Salon 04/09

8:30 Planning your career path in psychology
Luona Lin, American Psychological Association
Join APA's Center for Workforce Studies (CWS) and the Office of Graduate and Postgraduate Education and Training (GPET) for a workshop highlighting the variety of jobs that psychology master's and doctoral graduates pursue! Use our workforce data tools and the Individual Development Plan to help you find your dream job.
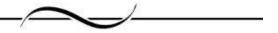
9:30 Supporting students and enhancing outcomes that transfer to the workplace
Cheryl Boglarsky, Human Synergistics, Inc.
College graduates feel that they are ready for the world of work regarding career competencies; however, employers tended to disagree. This

presentation reviews three cases where professional development is incorporated in the classroom.

MPA Invited Presidential Address

The Promise and Perils of Learning from Educational Videos

Jeff Karpicke
Purdue University

Thurs. 9:00AM – 10:20AM   Red Laquer
Moderator: TBD

Educational videos are soaring in popularity despite limited evidence for the effectiveness of video-based learning. This talk describes our research program showing that videos can produce powerful illusions of learning. Videos can produce large levels of overconfidence, leading students to believe they have learned much more than they actually have.

High School Youth's Post Graduation Aspirations: An Ecological Analysis

Thu 8:30AM - 10:20AM   Indiana

This symposium presents an ecological (e.g., individual, familial, community) analysis of youths' post-high school (PHS) plans and aspirations. Each study utilized data from the Chicago School Readiness Project (CSRP), a longitudinal study of predominantly Black and Latinx youth. The CSRP recruited two cohorts of preschool-aged children from low-income households (N=602) across 7 of Chicago's most economically disadvantaged neighborhoods in 2004/2005. Since the initial assessment, families have been contacted at 7 additional waves. A sub-sample of youth (N=37) completed in-depth interviews on topics related to PHS plans and future aspirations. The demographic characteristics of youth who completed in-depth interviews at wave 7 largely mirror the characteristics of the survey sample (51% female; 51% African American, 43% Latinx, 5% White; M age=18). To explore the factors that relate to youths' PHS plans and future aspirations: Study 1 quantitatively analyzes youths' academic performance in early, middle, and late childhood on youths' PHS planning; Study 2 explores in-depth interview data to examine youths' perception of family-driven inspiration for PSH plans; and Study 3 applies a mixed-methods analysis on youths' in-depth interviews and quantitative, socioeconomic neighborhood profiles to investigate how community perceptions and assets shape youths' future aspirations.

"On the right track": Understanding the relations among academic skills across development and teens' post-high school aspirations
AMANDA BOYER, RACHEL ROLSETH, ZAHRA NAQI, BAILEY SANDERSON, MICHELLE GARCIA LEYVA, ROHINI MADDIGUNTA, CHRISTINE LI-GRINING, AMANDA ROY, Loyola University Chicago

"More than just money": Family-driven future aspirations among marginalized youth
MARBELLA URIOSTEGUI, University of Illinois at Chicago, TAYLOR

LAY, University of Illinois at Chicago, & AMANDA L. ROY, University of Illinois at Chicago

"Become Somebody": Neighborhood ecological assets and youths' future aspirations
ANDREA DAVIERA, University of Illinois at Chicago, KYLA FORD, University of Illinois at Chicago, & AMANDA L. ROY, University of Illinois at Chicago

Issues Related to Interventions and Treatment

Thu 10:30AM - 12:20PM   Salon 10
Moderator: Jessica Paxton, Roosevelt University

10:30 Virtual reality and chronic pain: The case of virtual walking in SCI
Zina Trost
Virtual reality (VR) technologies are increasingly incorporated into clinical and empirical approaches to chronic pain, in addition to acute pain relief. Chronic neuropathic pain is a debilitating condition for persons with Spinal Cord Injur (SCI) and effective pharmacological and nonpharmacological treatments remain elusive. This presentation will highlight an ongoing international reserach program that draws on the utility of visual feedback therapies to develop an immersive virtual walking intervention for individuals with SCI-related neuropathic pain.

11:00 Provider Perspectives on Determining Treatment Effectiveness
Anne Williams-Wengerd, St. Catherine University/ University of Minnesota; Susan Hawthorne, St. Catherine University; Alyssa Maples, University of Minnesota
Researchers interviewed 26 mental health professionals about their experiences determining treatment effectiveness working with adults diagnosed with serious mental illness (SMI). Providers articulated three predominant themes: the essential nature of the provider-client relationship, provider's navigation of ambiguity, and the importance of provider flexibility and adaptability.

11:15 A Case Study: ACT for Treating Comorbid Anxiety and Depression

Bryant Stone, Southern Illinois University; Chad Drake, Southern Illinois University
In the current presentation, we discuss the implementation of an original Acceptance and Commitment Therapy protocol for an individual struggling with marked anxiety and depression. By the end of therapy, the client reported substantial engagement in valued action and significantly less distress from symptoms of anxiety and depression.

11:30 The Effect of Self-Compassion in Anxiety and Fear
Arishna Agarwal, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
We hypothesized that self-compassion will predominately be associated more with anxiety rather than fear when an invididual encouters an interpersonal stressor. In the study, participants rated negative affect during a speech which they wrote and delieevered. Results concluded that self-compassion lowers negative affect equally for both anxiety and fear.

11:45 An Existential-Positive Psychology Approach to Meaning and Suffering
Daryl Van Tongeren, Hope College; Sara A. Showalter Van Tongeren, Private Practice
Some people's lives are indelibly shaped by suffering. Many existing therapeutic approaches, from a medical model, treat suffering as mental illness and seek curative solutions. We present a new integrative existential positive psychology model focused on helping clients cultivate meaning, so they can flourish in adversity.

Stigma and Health

Thu 10:30AM - 12:20PM   Salon 01
Moderator: Katherine Kortenkamp, University of Wisconsin - La Crosse

10:30 Stigma and health: A social identity threat perspective
Jeffrey Hunger, Miami University
The health implications of stigma are clear. In this talk, stigma will be discussed through the lens of social identity threat, which emphasizes anticipated stigma as a key psychological mechanism linking threat and health. Across multiple methods, I will highlight the utility of adopting a social identity threat approach.

11:00 Counterfeiting Diversity Dampens Perceived Sincerity and Elevates Identity Threat Concerns
Kathryn Kroeper, Indiana University-Bloomington; Heidi Williams, Indiana University; Mary C. Murphy, Indiana University
Three experiments investigate how women and men perceive organizations that *counterfeit diversity*. Results reveal that women and men perceive counterfeit gender diversity as insincere. This perceived insincerity, in turn, decreases women's and men's interest in the organization and engenders identity threat concerns among women (but not men).

11:15 Reactions to Workplace Racial Harassment and Discrimination
Mary Inman, Hope College; Phanikiran Radhakrishnan, University of Toronto
Discrimination involves being denied opportunities or being given negative treatment based on race. Either one, or both in combination, could be toxic. Across three studies, we found that when discrimination experiences increased, negative feelings increased, which predicted organizational disengagement and poor health, beyond that explained by disposition and racial harassment.

11:30 Exploring Organizational Identity-Safety Cues for Lesbian and Gay Employees
Linda Muller, IUPUI; M. Fazuan Abdul Karim, Indiana University - Purdue University Indianapolis; Evava Pietri, Indiana University Purdue University Indianapolis
We explored whether sexual minority employees in a STEM company act as identity-safety cues for lesbian and gay individuals and whether straight women may also serve as a safety cue. As predicted, sexual minority employees increased trust, belonging, authenticity, and intention to pursue a job, however straight women did not.

11:45 Psychological impact on patients of physician's smartphone use during visits
Amanda Egan, Marian Univesrity
While research has established that the use of smartphones can negatively impact face-to-face communication, they are increasingly becoming a tool that physicians use during patient interactions. This study provided a first look at the possible psychological impact of physician smartphone use on patients and suggests the effect may be benign.

Ostracism and Social Rejection I

Thu 10:30AM - 12:20PM   Chicago
Moderator: Eric Wesselmann, Illinois State University

10:30 They won't accept me: The relation between anticipated exclusion and reactions to protestors
Heather M. Claypool, Miami University
This work explores the hypothesis that expectations of exclusion from protest groups predict negative reactions to those groups. Correlational studies establish a relation between anticipated exclusion and negative evaluative/behavioral reactions to protest groups. Moreover, experimental studies show that expanding the perceived inclusionary scope of protest groups improves reactions to them.

11:00 "If you didn't mean it, why did I feel it?"
Andrea Sanders, DePaul University; Verena P Graupmann, DePaul University
A new social exclusion paradigm was tested by placing participants in a group interaction where exclusion appeared to be unintentional (i.e., incidental exclusion). Excluded participants reported significantly less fulfillment of their self-related needs than included participants. Results support the paradigm's effectiveness in inducing feelings of social exclusion.

11:15 Public shaming: A fitting punishment for harmful transgressions
C.J. Erion, University of Wyoming; Alexandra N. Bitter, University of Wyoming; Sean McCrea, University of Wyoming; Karen Bartsch, University of Wyoming
Public shaming involves attempts to punish perceived transgressions by embarrassing or humiliating the perpetrator. Two exploratory studies and an experiment demonstrated that public shaming is viewed as a more appropriate response for behaviors that are likely to harm others, compared to other types of transgressions.

11:30 Exclusive Spaces: The Effects of Architecture on Anticipated Belonging
Brett DeWitt, Miami University; Heather M. Claypool, Miami University
We examined whether consistency of campus architectural design signals belonging. Participants viewed campus buildings that were stylistically heterogeneous or homogenous. Those who viewed heterogeneous (versus homogeneous) buildings anticipated greater belonging on that campus, an

36

effect mediated by perceptions that the campus values diversity more. Implications for student recruitment are discussed.

11:45 The BI-Dimensional Rejection Taxonomy: Organizing Responses to Social Rejection

Naoyuki Sunami, University of Delaware; Megan Nadzan, University of Delaware; Lisa Jaremka, University of Delaware

Existing theories of responses to social rejection exclusively focused on whether responses are antisocial or prosocial. However, empirical evidence suggests unexplained differences within antisocial and prosocial responses. To fill this theoretical gap, we suggest the bi-dimensional rejection taxonomy to organize responses into the antisocial–prosocial and engaged–disengaged dimensions.

12:00 Being Out of the Loop on Gender Stereotypic Pop Culture

Nicole Iannone, Radford University; Jillian Rauch, Radford University; Janice R. Kelly, Purdue University; Kipling Williams, Purdue University

Female and male participants were shown familiar or unfamiliar gender stereotypic or gender nonstereotypic logos (fashion/sports). Those who were unfamiliar, rather than familiar, with gender stereotypic logos felt worse, but no differences emerged between gender nonstereotypic logos. This is the first demonstration of a moderator for the out-of-the-loop phenomenon.

Race and Ethnicity

Thu 10:30AM - 12:20PM   Salon 06/07
Moderator: Kala Melchiori, James Madison University

10:30 Stereotyping in a New Age of Conservatism

Cynthia Willis Equeda, University of Nebraska, Lincoln; Kendra Quiroz, University of Nebraska-Lincoln

Latinos are the largest ethnic minority group in U.S., and Latino stereotypes influence discrimination. We examined stereotype content for the intersection of race (Mexican American/European American) and sex (female/male), and the connection to conservative ideologies. Results indicated conservative notions predict stereotypes for Mexican Americans, and perceived advantages/disadvantages vary by group.

10:45 Reactions to Interracial Relationships: It's Not Just Black or White
Salena Diaz, Radford University; Nicole Iannone, Radford University
We examined how relationships with biracial partners would be categorized in terms of interraciality, commitment, and satisfaction compared to same-race and opposite-race relationships. Relationships with biracial partners were rated as more interracial but less satisfied than same-race relationships and less interracial but more committed and satisfied than opposite-race relationships.

11:00 The Impact of DNA Evidence and Race on Culpability Decisions
Cynthia Willis Equeda, University of Nebraska, Lincoln
Minority males are over-represented in incarceration and exoneration rates. DNA evidence influences guilty verdicts, whether inculpatory or exculpatory. We examined if DNA evidence was influential in producing exoneration (admissible or inadmissible) when defendant's race (Latino/White) was varied. Admissibility made no difference, and Latinos were perceived more culpable, compared to Whites.

11:15 Shades of Bias: Examining Skin Color and Race
Jordan Daley, Northwestern University; Galen V. Bodenhausen, Northwestern University
We investigate the interplay between race-based bias and skin-tone bias by asking participants to provide impressions of Black and White faces manipulated to be both lighter and darker. Overall, we find evidence for a robust skin tone effect in favor of lighter skin that is independent of target race.

11:30 The Symmetry of Two Forms of Dehumanization in Racial Prejudice
(Max) Hui Bai, University of Minnesota; Xian Zhao, University of Toronto, Mississauga
We present evidence from five pre-registered studies that Blacks and Asians are differentially dehumanized in two different forms of dehumanization (i.e., animalistic and mechanical) by Americans in a symmetrical fashion, and present studies about their implications in romantic preferences for the minorities and biases that they face in leadership selection

11:45 Race Related to Authenticity Scores, Life-Story Narratives with Simulated Therapist
Alexis Wilkinson, University of Missouri Columbia; Laura King, University

of Missouri, Columbia; Jake Womick, University of Missouri-Columbia; Jordan Booker, University of Missouri- Columbia
To probe how racial context influences authenticity, Black and White participants were randomly assigned to a Black or White virtual therapist. Narratives adapted from McAdams Life-story research asked participants to answer three significant questions in their interaction with the therapist. Dependent measures included authenticity, affect, support, and well-being.

12:00 Whites' Zero-Sum Beliefs Drive Diversity Backlash
Taylor Ballinger, The Ohio State University; Tao Jiang, The Ohio State University; Jennifer Crocker, Ohio State University, Columbus
Diversity zero-sum beliefs (DZSBs) are beliefs that increasing the representation of underrepresented groups comes at the expense of majority groups. This research showed that DZSBs uniquely predict intergroup outcomes and mediate Whites' experiences of identity threat in response to diversity messages.

Cognition - Development

Thu 10:30AM - 12:20PM   Salon 12
Moderator: Kathleen Kannass, Concordia University Wisconsin

10:30 Sensorimotor development in a social world
Drew Abney
Developmental change is the aggregate product of many nested processes that span across the brain, body, and social environment. In this talk, I argue that sensorimotor development is a foundation on which cognitive and social abilities develop. I conclude by demonstrating a systems model for studying human development and interaction.

11:00 Toddlers' exploration of touch-screen images, photographs, and objects
Christine Ziemer, Missouri Western State University; Sara Wyss, Missouri Western State University; Kaitlynn Rhinehart, Missouri Western State University
Today's toddler encounter touch-screen technology at a much higher rate than previous generations. Exploratory behaviors exhibited by 15-18-month-old toddlers towards photographs, objects, and touch-screen images were compared in order to understand how toddlers treat screen images as compared to other 2D and 3D stimuli.

11:15 How Do Parents Influence Children's Fantasy Play?
Amanda Brown, The University of Chicago
Do parents who engage in pretend play support or inhibit the fantasy
inventions of preschool children? We analyzed spontaneous pretend play in
58 American families and found that most parents introduced "impossible"
fantasies into children's play at 18-months, but that this behavior did not
predict children's inventive play at 50-months.

**11:30 The Effects of Predictible and Unpredictible Distractors on Infant
Attention**
Kathleen Kannass, Concordia University Wisconsin; Kathryn O'Toole, North
Park University; Nancy Wyss, Wilbur Wright College
This work melded research on infant distractibility and infant time estimation
abilities. The effects of predictable and unpredictable distractors on toy play
was assessed in 7- and 11-month-old infants. Results revealed that the 11-
month-olds showed more mature attention allocation.

**11:45 A 6-Year Longitudinal Study on Predicting Standardized Math
Scores**
Rachelle Pichot, Andrews University; Nadia Nosworthy, Andrews University
A longitudinal study on math ability collected data from Canadian students in
Kindergarten and 6th grade. Regression analyses revealed that 29.4 percent
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 class score,

12:00 Children Process and Benefit from Gestured Math Instruction
Ryan Lepic, University of Chicago; Ruth Church, Northeastern Illinois
University; Susan Goldin-Meadow, University of Chicago; Zena Levan,
University of Chicago; Jenny Lu, University of Chicago; Theodora
Koumoutsakis, Northeastern Illinois University
In videotaped explanations, children demonstrate a better understanding of
math equivalence after viewing simultaneously timed, complementary modes
of instruction. Implicit communication (gestured information) can be taken up
and re-coded as explicit communication (verbal explanation) in the context of
a math equivalence instruction task.

Disordered Eating and Appearance Concerns

Thu 10:30AM - 12:20PM   Indiana
Moderator: Dinah Meyer, Muskingum University

10:30 Adapted dialectical behavioral therapy for adults with emotional eating and overweight/obesity
Abby Braden, Bowling Green State University
Live FREE was developed to examine whether augmenting a conventional weight loss program with emotion regulation training would improve weight loss. Forty emotional eaters (BMI = 35.88+6.78; 100% female) were enrolled in the pilot study. Participants completed assessments at baseline, post-treatment, and a 6-month follow-up. FREE included 10 weeks of group-based DBT skills training and 6 weeks of traditional behavioral weight loss. Analyses (paired sample t-tests and effect sizes) will be conducted to examine initial efficacy.

11:00 Positive Emotional Eating and Emotional Reactivity Predict Increased Binge Eating
Wesley Barnhart, Bowling Green State University; Abby Braden, Bowling Green State University
The relationship between positive emotional eating and positive emotional reactivity (activation, intensity, and duration) may predict binge eating (BE). Positive emotional eating, in tandem with increased activation and intensity of positive emotions, significantly predicted increased BE. Implications for the presentation of BE in eating and weight disorders are discussed.

11:15 The Effect of Social Cognitive Theory on Food Addiction
Kirsten Grant, Walden University
Women that struggle with food addiction are often overlooked by mainstream society because food addiction is a new and emerging field. However, researchers have proven that food addiction is real, can be measured, and its symptoms (food cravings, binge eating, and withdrawal) can also be measured and controlled.

11:30 Appearance Anxiety, Social Comparisons, and Compulsive Exercise among Male Undergraduates
Melissa Ivins-Lukse, Illinois Institute of Technology; Elizabeth Dougherty, Illinois Institute of Technology; Alissa Haedt-Matt, Illinois Institute of Technology
Appearance-related social comparison was tested as a mediator between

social physique anxiety and compulsive exercise among male undergraduates. Social comparisons partially mediated the relationship between social physique anxiety and emotionality element of compulsive exercise. Neither social physique anxiety nor social comparisons contributed to frequency/intensity or preoccupation dimensions of compulsive exercise.

11:45 Efficacy of Dissonance-Based Eating Disorder Treatment Paradigms
Melinda Green, Cornell College; Linden Miles, Cornell College
The purpose of this study was to identify cardiac biomarkers of disordered eating among women with no ED symptoms, subclinical ED symptoms, anorexia, bulimia, binge eating disorder, or other specified feeding and eating disorders. Results suggest decreased mean R wave amplitude may represent a clinical biomarker of ED symptoms.

Professional Development:
Strategies for effective learning and teaching PART I

Thu 10:30AM - 12:20PM   Wilson

10:30 Psychological perspectives of universal design for learning: Application and challenges
Amy Governale, North Park University; Kathryn O'Toole, North Park University; Kezia Shirkey, North Park University; Elizabeth K Gray, North Park University
A common frustration among professors is that undergraduates appear unprepared or uninterested in engaging with course material. Universal design for learning (UDL) may be an antidote. UDL supposes by extending accommodations, the wider classroom benefits. This panel will overview, provide examples, and discuss challenges of incorporating UDL into psychology curricula.

11:30 Using behavioral science to minimize obstacles to effective learning
Susan Sheffer, Lewis University; Edmund Kearney, Lewis University; DENNIS DEW, Mount Mercy University; Matthew Domico, Lewis University; Ann Sauer, Midwestern University
This interactive session will include discussion on methods for addressing minor annoyances to serious problems that distract from effective learning in

the classroom. Panelists will share research-based techniques that they use to address issues such as distractions in the classroom, academic integrity, meaningful engagement, assessment, and students' (inappropriate) requests.

Professional Development: Career Advice from Academic Mamas

Thu 10:30AM - 12:20PM   Salon 04/09

10:30 Career Advice from Academic Mamas
Rachael Reavis, Earlham College; Nicole Campione-Barr, University of Missouri; Jordan R. Wagge, Avila University
In this panel, women in academia, who also happen to be parents (including foster parents), will offer general and parent-specific advice about achieving a healthy work-life balance and navigating academia with children. We offer student and professor perspectives.

Professional Development: Graduate Teaching

Thu 10:30AM - 12:20PM Kimball

10:30 Embracing your "why" in teaching and research: A graduate workshop
Mark Matthews, The Ohio State University; Melissa Beers, Ohio State University
Our goal is to help graduate students amplify the meaning they derive from their work as teachers and researchers. Following research on value fulfillment and the psychology of teaching, Mark & Melissa will guide you through an empowering session of identifying and embracing your core values in the academy.

MPA Invited Presidential Address

Social Buffering and Health in Two Parts: From Families to Immune Cells, and from Campuses to Communities

Ted Robles
University of California Los Angeles

Thurs. 10:30AM – 12:20PM   Crystal
Moderator: TBD

In this two-part talk, I first describe our research on families, social buffering of stress, and cellular aging in parents, followed by describing how I and other psychology colleagues are contributing to improving social well-being and health at UCLA through participating in our Semel Healthy Campus Initiative Center.

Understanding the Role of Goal-Related Perceptions and Beliefs in Self-Regulation

Thu 10:30AM - 12:20PM   Salon 03

Understanding why some succeed while others fail at self-regulation is a central research question. Motivational constructs such as subjective value, mindsets, construal level, and self-affirmation play key roles in promoting self-regulation. This symposium features novel research on an understudied topic in motivation science—how people's perceptions and beliefs shape and are shaped by these motivational constructs. Speaker 1 examines how liking changes perceptions of subjective value, which then influences decisions between larger-later versus smaller-sooner outcomes. Speaker 2 explores how proactive mindsets—beliefs about one's ability to navigate and change social contexts—influences career motivation and engagement. Speaker 3 explores people's lay understanding of the self-regulatory benefits of high-level and low-level construal, and whether individual differences in these beliefs predict performance outcomes. Finally, Speaker 4 explores whether people have accurate beliefs about the role of self-affirmation in mitigating self-threat, and whether such beliefs impact how people cope with self-threats. By integrating novel research on goal-related perceptions and beliefs, we hope to promote fruitful discussions on innovative solutions for enhancing self-regulation.

People are more willing to wait for things they like
ANNABELLE ROBERTS, University of Chicago Booth School of Business, FRANKLIN SHADDY, UCLA Anderson School of Business, AYELET FISHBACH, University of Chicago Booth School of Business

Proactive Mindset Shapes Beliefs that Majors and Careers Afford Goals
TESSA M. BENSON-GREENWALD, Indiana University, AMANDA B. DIEKMAN, Indiana University

Knowledge of the Benefits of Construal Level Promotes Self-Regulation Outcomes
TINA NGUYEN, The Ohio State University, ABIGAIL SCHOLER, University of Waterloo, KENTARO FUJITA, The Ohio State University

Affirmed and Aware? Examining People's Beliefs about Self-Affirmation
STEPHANIE REEVES, Indiana University, KENTARO FUJITA, The Ohio State University, STEVEN SPENCER, The Ohio State University

<hr>

Symposium

Daoist Cognition and Application: Connecting Western with Eastern Thinking

Thu 10:30AM - 12:20PM   Salon 05/08

The recent research by Lee and Holt (2019) addresses Dao and Daoist ideas for scientists, humanists and practitioners, focusing on inner peace, harmony with human beings, and harmony with nature. This symposium builds upon Lee and Holt's (2019) work and includes five papers to address basic Daoist ideas both theoretically and empirically, such as harmony, Wei Wu-Wei (non-intervention), Yin-Yang or dialectical thinking, water-like leadership, and holistic truth or beauty appreciation. First, two empirical studies are reported on scale development and various applications of Western narcissistic and Eastern Daoist water-like orientation. Second, the close relationship between open-minded cognition and Daoist thinking (e.g., flexibility and humbleness from Daoist Big-Five theory) is addressed. Third, a Daoist cognitive model is presented which can be applied to overcome various mental conflicts (e.g., depression and anxiety) and differs from typical Western Cognitive-Behavioral therapy models. Fourth, results from an experiment examining the influence of gender on Western agentic and Eastern Daoist leadership styles is presented. Finally, as per the Daoist perspective generally, a holistic orientation towards theory-creation and empirical inquiry is discussed as a useful paradigm for application. In sum, this symposium will elaborate and build upon the important ideas contained within Lee and Holt (2019).

Narcissistic and Daoist water-like orientation scale development and its application
Richard Montoya, Southern Illinois University Carbondale, Yueh-Ting Lee
Southern Illinois University Carbondale

Open-minded cognition and Daoist Thought
VICTOR OTTATI, Loyola University Chicago, YUEH-TING LEE, Southern
Illinois University Carbondale, FRED B. BRYANT Loyola University
Chicago

Use a Daoist-cognitive model to understand and treat mental conflict
KEY SUN, University of Oregon

Rethinking gender and leadership: A lesson from Daoist leadership style
WENQIAN ZHOU,Southern Illinois University Carbondale, YUEH-TING
LEE, Southern Illinois University Carbondale

A Daoist Approach to Empirical Inquiry: The Zhuangzi-Aesthetic View
MATTHEW R JAMNIK, Southern Illinois University Carbondale, KEQIAN
XU, Nanjing Normal University of China

Health Related Decision-Making

1:00 Anticipated regret and intention to vaccinate against seasonal influenza

Jennifer Kowalsky, The Ohio State University at Newark

Vaccines protect people from a variety of diseases. However, a significant proportion of the population refuse to get vaccinated. This presentation will focus on the influence of self-oriented and other-oriented regret messaging on 1) anticipated regret due to missing out on the flu shot, and 2) intention to get the flu shot.

1:30 Strategy Reports Are Associated with Health Decision-Making Accuracy

Clarissa Thompson, Kent State University; Jennifer Taber, Kent State University; Charles Fitzsimmons, Kent State University; Pooja Sidney, University of Kentucky

Adults reported using multiple math and non-math strategies when solving a health problem involving numeric information (Waters et al., 2007). Over half of participants attended to math in their strategy reports, and those who did tended to be more likely to correctly answer a health problem.

1:45 Narcissism, Pain, and Risky Decision Making

Melissa T Buelow, The Ohio State University; Amy Brunell, The Ohio State University Mansfield

Individuals engage in risk-taking behaviors. We examined the influence of narcissistic traits and pain on risky decision making. The pain recall task had minimal influence on decisions. Grandiose narcissism and entitlement predicted performance on the Balloon Analogue Risk Task and Game of Dice Task.

2:00 Breakfast Club Intervention Increases Breakfast Consumption Among University Employees

Sasha Karnes, University of Wisconsin - Whitewater; Kate Ksobiech, UW-Whitewater; Alissa Korslin, Psychology

Midwestern university employees (n = 120) participated in a *Breakfast Club*

intervention based on the *Theory of Planned Behavior.* Based on comparison of pre-intervention to post-intervention self-report data; study participants increased frequency of eating breakfast as well as inclusion of protein, whole grains, and fruit.

2:15 Who pays attention to persuasive health messages and why?: Causes and consequences for health promotion
Allison Earl, University of Michigan, Ann Arbor
Interventions frequently assume that target audiences will participate. However, those at highest risk are often least likely to enroll in prevention programs. Results are discussed in the context of motivated reasoning, defensive processing of persuasive information, and the efficacy of health campaigns broadly, particularly for reducing disparities in health outcomes.

Empathy, Morality, and Fairness

Thu 1:00PM - 2:50PM   Chicago
Moderator: Marilyn Bonem, Eastern Michigan University

1:00 Empathy, morality, and fairness in the brain: A developmental neuroscience approach
Jason Cowell, University of Wisconsin- Green Bay
In this talk, I will discuss the neural dynamics of young children's social cognition, with an emphasis on morality and empathy. I will present a series of studies from infancy, early, and middle childhood that link parental dispositions, children's EEG, and their actual moral and prosocial behaviors and argue for the importance of a multifaceted approach towards the understanding of morality.

1:30 Impacts of Empathy and Internalized Misogyny on Catcall Acceptance
Katie DeLuka, Lindenwood University Belleville; Nikki Thomas, Lindenwood University; Trisha Prunty, Lindenwood University - Belleville
The current study investigated the connection between strong beliefs in stereotypical gender roles manifested through internalized misogyny and acceptance of catcalling. Women with higher internalized misogyny did, in fact, find catcalling behavior to be more acceptable. This trend was especially true for women with low empathy and education levels.

1:45 Perceiving Morality and Attitude Strength Enhances Hypocrisy Judgments
Jaroth Lanzalotta, The Ohio State University; Richard Petty, Ohio State University, Columbus
Recent research indicates that audiences judge people as more hypocritical when they contradict attitudes held for moral rather than practical reasons, yet the underlying mechanism is unclear. We find support for the hypothesis that moralized attitudes are perceived to be stronger, which produces greater surprise and hypocrisy judgments when contradicted.

2:00 Would you Cheat? Effects of Coercion on Morality
Michael Hardin, Lindenwood University Belleville; Trisha Prunty, Lindenwood University - Belleville

50-Word Short Abstract
Morality has often been described as one of the most desired qualities of the "perfect employee." Although the consensus may be clear, identifying morality in candidates demands a more intricate process than self-report questions. The current study examined the impact of immoral coercive behavior towards causing deviance.

2:15 Reciprocity, Mortality Salience, & Group Membership
Fatima Martin, Loyola University Chicago; James Larson, Loyola University Chicago
We investigated the effects of behavior of the initiating party, personal norms of reciprocity, group membership, and mortality salience on decisions of reciprocity. We found that participants primarily responded to the behavior of others when making decisions of reciprocity. However, personal norms of reciprocity exclusively impacted decisions of negative reciprocity.

Stereotyping and Prejudice

Thu 1:00PM - 2:50PM   Salon 06/07
Moderator: Kelsey Thiem, Ball State University

1:00 Prejudiced People and Prejudiced Places
Caitlyn Jones, Indiana University; Kathryn Kroeper, Indiana University-Bloomington; Elise Ozier, Indiana University; Mary C. Murphy, Indiana University
1,811 college students completed a questionnaire about their perceptions of

prejudice. Results suggest that most participants agree that racism and sexism were problems of the past but disagree about whether they are problems now, and report that person prejudice "counts more" as prejudice than place prejudice.

1:15 Under Pressure: Investigation of the Cause of Male Objectification
Kacey Russell, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville
There has been little research investigating the benevolent sexism phenomenon in men. Participants completed a questionnaire assessing perceptions of the ideal male body. The study showed that men placed more pressure on themselves to have more appealing bodies due to societal influences rather than pressures experienced from women.

1:30 The Intersection of Social Class and Gender on Stereotype Content
Andrew White, Indiana University; Amanda Diekman, Indiana University
Little work has examined how stereotype content may differ at the intersection of social class and gender. Utilizing existing measures of gender stereotypical traits, trait dimensions that were developed to capture stereotypic expectations about masculinity now appear to better capture stereotypic expectations about higher-SES men and women.

1:45 Metastereotypes of transgender and gender non-binary persons
Anna Pope, University of Kansas; Kirstie Camp, University of Kansas; Carrie Sutherland, Avila University
This study expands transgender stereotype work in modern terms and establishes transgender metatstereotypes. Cisgender, transgender, and gender non-binary persons provided stereotype content for 5 gender groups (i.e. cis-wo/men, trans-wo/men, non-binary individuals). Results suggest that transgender stereotypes and metastereotypes are unique and do not strictly match their cisgender counterparts.

2:00 Threats, Emotions, and Discrimination in Transphobia: Competing Path Models
Linas Mitchell, Loyola University Chicago; Robyn Mallett, Loyola University Chicago
We tested two competing models that predict anti-transgender discrimination from threat perceptions and emotions. Results support a model in which emotions directly predict discrimination. Threats predict policy-based discrimination directly and all forms of discrimination indirectly. This

suggests that policy-focused interventions may need to pay special attention to threat perceptions.

2:15 An Intervention to Reduce Arab American Prejudice
Falak Saffaf, Saint Louis University; Richard D Harvey, Saint Louis University
An intervention to reduce Arab American prejudice was developed and statistically supported. Presenting U.S. residents from mTurk (N = 297) with information that distinguishes Arab Americans from Muslims and terrorists leads to reduced perceived overlap between the identities, which in turn leads to lower prejudice towards Arab Americans across multiple measures.

2:30 Temporal Distancing of Past Prejudice and Perceptions of Contemporary Prejudice
Mason Burns, University of Indianapolis; Erica Granz, University of Indianapolis
Across 6 studies, political liberals, relative to conservatives, perceived past instances of racial and gender bias as more recent, which in turn predicted greater concern with contemporary bias. Furthermore, an intervention manipulating past instances of bias to feel more recent increased concern with contemporary prejudice; particularly among conservatives.

<div align="center">

Political Psychology I: Bad Politics

</div>

Thu 1:00PM - 2:50PM   Salon 03
Moderator: Selena Kohel, Cottey College

1:00 Beyond pride and prejudice: Can insights from relationship psychology improve our politics?
ELI FINKEL, NORTHWESTERN UNIVERSITY
The divide between American liberals and conservatives is growing wider and more vitriolic, and it's not clear how these trends might reverse. In this presentation, I adopt the vantage point of relationship psychology to offer a new perspective on the behavior of the body politic. Specifically, I argue that, if we had the goal of identifying the elements (contempt, etc.) to create the most disastrous marriage possible, those elements would characterize our body politic almost perfectly. I consider whether inculcating a struggling family metaphor can mitigate the most toxic elements of our partisan divide, ultimately helping to promote a more constructive politics.

1:30 Lay People's Norms Surrounding What Constitutes Politician Sexual Misconduct
Yelyzaveta DiStefano, Loyola University Chicago; Victor C. Ottati, Loyola University Chicago; Melisa Duvnjak, Loyola University Chicago
The role of situational factors (setting, presence of others) and behavior type and extremity on perceptions of politician sexual misconduct are explored. More ambiguous behaviors are more suspectable to variation in misconduct and harassment ratings based on context, and behaviors do not form a consistent normative hierarchy of sexual harassment.

1:45 Tweeting with Emotion: News Organizations' Use of Affect on Twitter
Andrea Bellovary, DePaul University; Nathaniel Young, DePaul University
A sentiment analysis of the tweeting behavior of liberal and conservative news organizations reveals that these organizations utilize affective messaging in different ways to reach their audience. Furthermore, these affective messages result in different public interactions (favoriting & retweeting) with news organizations' Twitter feeds.

2:00 Stealing Thunder Boundary Conditions: Issue Severity and Confession Specificity
Andrew Nguyen, Queen's University; Joshua Guyer, Universidad Autónoma de Madrid; Leandre Fabrigar, Queen's University
Stealing Thunder involves confessing to damaging information about oneself before others reveal the information. Across three studies, we found that detailed confessions elicited more favorable evaluations than less-detailed confessions – which are often no better than no confession, and little evidence that the severity of the transgression moderated these effects.

2:15 Political Threat, Ideology, and Conspiracy Endorsement
Ingrid Haas, University of Nebraska-Lincoln; Stephen Schneider, Purdue University
We examine how political ideology is linked to endorsement of conspiracy beliefs about politics. In a series of studies using both quasi-experimental and experimental designs, we find that both threat and ideology predict conspiracy endorsement, and that endorsement of conspiracy theories shifts over time as a function of election outcomes.

Online Interactions

1:00 I have the Internet! I don't need you: Access to the Internet as a means to satisfy fundamental needs
BRAD OKDIE, The Ohio State University at Newark
Our fundamental needs have not changed, but how we attain them has. In this talk, I show that internet access offers new ways to satisfy fundamental human needs, provide a framework for predicting when people choose digital rather than physical need satisfaction, and demonstrate the inequality of these satisfaction methods.

1:30 Causal Uncertainty and Computer-Mediated Communication
Erika Peter, Queen's University; Jill A. Jacobson, Queen's University
A 2006 study found that high causally uncertain people rated computer-mediated communication as more effective than face-to-face exchanges. This was before smart phones were pervasive, so we conducted a replication of the effect. We found that high causally uncertain people rated conversations as less effective regardless of conversation medium.

1:45 Dysphoria as a Moderator of Online Self-Presentation via Image Selection
Ziyi Lai, Queen's University; Jill A. Jacobson, Queen's University
        When dysphoric people identify more with their avatars, they should be more likely to create avatars whose personality and physical appearance is closer to their own than will nondysphoric people. However, preliminary data suggest that self-identification is more strongly associated with avatar similarity than

Cognition: Learning and Education I

1:00 Does Greater Memory for Key-Term Definitions Facilitate Classification and Application?
Nola Daley, Kent State University; Katherine Rawson, Kent State University
Does improving memory for key-term definitions affect other learning

outcomes? To investigate this question, participants either did or did not receive memory training for key-term definitions and later completed tests of concept classification and application. Memory training increased performance on closed and open-book example classification and example generation tests.

1:15 Examining Study Behavior in a Statistics Course via Experience Sampling
Oyku Uner, Washington University in St. Louis; Eylul Tekin, Washington University In St Louis; Reshma Gouravajhala, Washington University in St. Louis; Francis Anderson, Washington University in St. Louis; Mark A. McDaniel, Washington University in St. Louis; Henry L. Roediger, Washington University in St. Louis
Using experience sampling, we surveyed students about their study behavior for seven days before each exam in a statistics course. Non-generative strategies (rather than elaborative or test-based strategies), motivation, self-efficacy, and ACT predicted exam performance. Students should be guided to use better strategies more frequently and more effectively.

1:30 Does Self-Efficacy Underlie the Memory Benefit of Retrieval Practice?
Andrea Frankenstein, University of Illinois at Chicago; Allison Sklenar, University of Illinois at Chicago; Matthew McCurdy, University of Illinois at Chicago; Pauline Urban Levy, University of Illinois at Chicago; Eric Leshikar, University of Illinois at Chicago
In this study, we examined whether retrieval practice improves self-efficacy and whether self-efficacy underlies the benefit of retrieval practice. We replicated the typical retrieval practice effect and found that self-efficacy was positively related to memory performance. This work shows additional evidence of a relationship between self-efficacy and memory performance.

1:45 The effect of self-regulated study time allocation on learning
Eylul Tekin, Washington University In St Louis; Henry L. Roediger, Washington University in St. Louis
We examined whether self-regulated study time allocation enhanced paired associate learning and attenuated performance differences between easy and difficult items relative to a control condition without self-regulation. When people self-paced their study, their memory improved and they partially compensated for item difficulty effects, showing benefits of self-regulation.

2:00 Whole numbers are easy, but fractions are impossible! Predictors of attitudes towards number types.
Marta Mielicki, Kent State University; Clarissa Thompson, Kent State University
Children and adults possess attitudes about fractions that are more negative than their attitudes towards whole numbers. This study with 486 college students explored how attitudes towards different types of numbers relate to other individual differences, such as growth mindset beliefs and perceptions of ease and difficulty.

2:15 Information Processing Predictors of Health Misconceptions
Nikita Salovich, Northwestern University; Carlie Elizabeth Cope, Northwestern University; David Rapp, Northwestern University
This project examined factors that predict people's health-related misconceptions. Individuals who scored higher on assessments of news literacy held fewer health misconceptions, even when controlling for general verbal reasoning. Individuals with higher levels of education, surprisingly, possessed more health misconceptions, moderated by overconfidence in their health understandings. Implications are discussed.

Professional Development:
Strategies for effective learning and teaching PART II

Thu 1:00PM - 2:50PM   Wilson

1:00 Service learning in the undergraduate curriculum: opportunities and challenges
T.L. Brink, Crafton Hills College
The focus is on the role of service learning, volunteer work, and internships at the undergraduate level. This session will have the format of a roundtable in which participants are invited to bring handouts to be shared.

2:00 Beyond Exams and Term Papers: How to Build Innovative Formative and Summative Assessments for Undergraduate or Graduate Courses
Sarah Cronin, Bemidji State University; Kathryn Klement, Bemidji State University; Crystal Steltenpohl, University of Southern Indiana
At the end of this workshop you will be able to: 1. Identify the differences

between formative and summative assessments 2. Distinguish the appropriate level of assessment for graduate and undergraduate courses 3. Reflect on your assessment strategies, and 4. Design a unique assessment for a course-level learning objective

Professional Development: Collaborative Research Teams

Thu 1:00PM - 2:50PM   Kimball

1:00 Collaborative research teams: Strategies to increase productivity in research
Crystal L. Harris, Governors State University; Jelena Radovic Fanta, Governors State University; Rieko Miyakuni, Governors State University
Interdisciplinary collaboration opens opportunities to share resources and engage in complex problem analysis. Benefits for new faculty are addressed. Our team draws from psychology, anthropology, and sociology, and successfully launched two research projects while receiving multiple internal grants. This integration also results in more robust design and productive implementation.

Symposium

When Emotions Go Awry

Thu 1:00PM - 2:50PM   Indiana

Depression, anxiety, and Borderline Personality Disorder (BPD) are common in the US population and are marked by dysregulated affective states and suicide risk. Findings from basic and clinical research point to autonomic nervous system dysregulation and ineffective efforts to downregulate dysphoric emotions (emotion regulation) as promising candidates for elucidating risk for these emotional disorders. However, studies that examine such putative mechanisms have primarily relied on single-method approaches, cross-sectional designs, and survey methodology. Research presented in this symposium examines the interplay between potential physiological and behavioral mechanisms of dysregulated affective dynamics

among youths, adults, and families at risk for depression, anxiety, and BPD across laboratory and daily life settings.

Personality dimensions and daily life affectivity predict Borderline Personality Disorder
S. NAPOLITANO, Purdue University, MCDONALS, A., Purdue University, TRUMBULL, C., , Purdue University, LANE, S. P., Purdue University

Parenting predicts youths' affect via emotion regulation and home environment.
TANNAS, M, Cleveland State University

Physiology and emotion regulation predict depressive affects longitudinally.
DEMOSS, Z, Cleveland State University

Emotion regulation deficits and their physiological substrates predict suicide risk.
YAROSLAVSKY,I., Cleveland State University

MPA Invited Presidential Address

Early Emergence of Depression: Understanding Risk Factors and Treatment

Deanna Barch
Washington University in St Louis

Thurs. 1:00PM – 2:50PM   Crystal
Moderator: TBD

This talk with overview research on the psychological and neurobiological risk factors and correlates of very early onset depression. This talk will also present results of a novel treatment for early onset depression and evidence for modulation of hypothesized neural targets as a function of treatment.

Invited Symposium

2020 Hindsight: A retrospective on our first two decades in the 21st century and challenges for the future

Thu. 1:00PM – 2:50PM   Salon 1
Organizer: Bernard L. Dugoni, University of Chicago

The future of healthy, successful organizations builds on the knowledge acquired along the way. This knowledge is rarely a simple matter of simply recalling past successes, but rather is composed of lessons learned from successes and failures. Research on entrepreneurship, for example, shows that the successful entrepreneur often looks at events which would be considered by many to be failures as opportunities for growth and development. The history of a long standing organization is usually a mosaic of experiences of success and failure, positive and negative, laudability and lament; hopefully in a healthy balance maintained by judicious attention to both. As we approach the conclusion of the first two decades of the 21st Century, we should pause to take that critical look back at the experiences that mark our continued growth and evolution as a scholarly organization and think not only of our successes but also of the unmet challenges that remain and the things we perhaps wish we had done differently. This symposium brings together some of the Past Presidents of MPA to help us with that assessment in the hopes that a healthy critique of the past will help us bring the future into clearer focus.

Applied Social: Poster Session

Thu 1:00PM - 2:50PM   Exhibit Hall

1 Video Games, Virtual Reality, and Aggression
Kevin Johnson, Michigan School of Psychology; Dustin Shepler, Michigan School of Psychology; Bryan Gibson, Central Michigan University; Ryan Blackstock, Michigan School of Psychology
Prior research indicates that playing violent video games leads to short-term, aggressive behavior by the player. This poster highlights a disseration aimed at examining this phenonemon with the inclusion of using virtual reality to study the effects of violent video games on aggression.

2 Children's Experiences of Peer-Peer Aggression: Capturing the Story through Narratives
Alexis Godfrey, Grand Valley State; Kristen Wegener, Grand Valley State University; Naomi Aldrich, Grand Valley State University
The current study examined the influence of 7- to 13-year-olds' social cognition on bully/victim status and their ability to talk about traditional and cyber-based interpersonal conflicts. Socio-cognitive abilities, while unrelated to bully/victim status via questionnaire, predicted children's references to self/others' perspectives and aggressive acts during narrative accounts of peer-peer aggression.

3 Can we Trust Self-reports of Intimate Partner Abuse?
Jody Ross, Purdue University Fort Wayne; Tyler Niedermeyer, Purdue Fort Wayne; Colby Kirkwood, Indiana-Purdue University, Fort Wayne; Cameryn Crawford, Purdue University Fort Wayne; Isabella Blaettner, Purdue Fort Wayne; Jacob Billman, Purdue Fort Wayne
Participants completed a self-report measure of intimate partner abuse (IPA) under two conditions: anonymous self-report and a laboratory condition, where they were led to believe their truthfulness was being evaluated. Participants reported more IPA in the lab condition, but effect sizes were small, contradicting some concerns about self-report IPA data.

4 Feedback from Juvenile Corrections Staff and Reoffending upon Release
Wongeun Ji, University of Wisconsin-Madison; Robert Enright, University of Wisconsin-Madison
This project examined an association between feedback from corrections staff and juveniles' future delinquency upon release among South Korean offenders. Juveniles receiving the more negative feedback were more likely to return to the secure facility in 1-year. Results suggest another approach reducing potential causes of negative behavior in facilities needs to be developed.

5 Does age at first exposure to trauma predict aggression?
Lauren Pasetes, University of Chicago; Emil Coccaro, University of Chicago; Royce Lee, University of Chicago; Jennifer Fanning, McLean Hospital, Harvard Medical School
Studies have suggested that earlier age of trauma exposure is associated with greater anger and aggressive behavior, but the reasons are not well understood. We found that age of trauma significantly predicted hostility, but the relationship was accounted for by PTSD symptom severity rather than age at exposure *per se*.

6 Ethnic Differences in Attributions of Blame in Sexual Assault
Zunaira Jilani, Wayne State University; Antonia Abbey, Wayne State University
Perceptions of sexual violence and victim blame are understudied among minority populations. It was predicted that cultural differences would affect attributions of blame in a sexual assault scenario. Among 166 young females, South Asian and Arab American women reported significantly higher victim and perpetrator blame than European American women.

7 Consent Form Presentation Effects on Participants' Knowledge, Attitudes, & Data
Jordan Newburg, University of Northern Iowa; Alyssa McCoy, University of Northern Iowa; Brian Fairfield, University of Northern Iowa; Helen C. Harton, University of Northern Iowa
Across seven studies we assessed whether components of informed consent form presentation affected participants' knowledge of content, attitudes toward the study, or data quality. Components of presentation had little effect on these variables.

8 Perceived Stress as a Mediator Between Sexism and Academic Motivation

Danka Maric, Ball State University; Katie Lawson, Ball State University
Among female college students, experiencing sexism predicted higher perceived stress, and higher perceived stress predicted lower academic motivation. However, sexism did not have direct or indirect (through perceived stress) effects on academic motivation. The relationship between sexism and perceived stress did not differ between women in male-dominated and gender-neutral majors.

9 A Clear and Affirmed Identity; Self-Concept Clarity, Self-Affirmation, and Stigma

Alexa Snodgrass, Illinois State University; Daniel Lannin, Illinois State University
The present study found that as the tendency to utilize self-affirmation increases, help-seeking self-stigma decreases, but only when self-concept clarity is also high. This suggests that affirming the self may lead to two different paths—depending on the clarity and stability of a person's self-concept.

10 Avoidant, but Ready to Change? Facilitating Help-Seeking for Avoidant Help-Seekers

Madison Maciejewski, Illinois State University; Daniel Lannin, Illinois State University
The present study found that autonomous and avoidant help-seeking styles demonstrate opposing relations with positive help-seeking beliefs. Readiness to change may buffer the negative effect of an avoidant help-seeking style on beliefs about professional help. Bolstering readiness to change may facilitate help-seeking for resistant individuals.

11 Zero-Sum Perspective of Gender Status and Discrimination toward Female Leaders

Abigail Kroke, University of North Dakota; Wendy Fisher, University of North Dakota; Joelle Ruthig, University of North Dakota; Andre Kehn, University of North Dakota
Within an online study, we experimentally manipulated leaders' gender in hypothetical scenarios to examine whether endorsing a win-lose or zero-sum perspective (ZSP) of gender status predicted discriminatory behavior beyond known covariates. Men and women who strongly endorsed the ZSP of gender status displayed discrimination against female (but not male) leaders.

12 Personality, Prejudice, and Microaggressions toward Lesbian, Gay, and Bisexual Parents

Julie Herbstrith, Texas Woman's University

Pre-service teacher perpetrations of microaggressions toward LGB parents may lead to deleterious outcomes for students and families. When microaggression perpetration, right-wing authoritarianism, and anti-LGB prejudice were entered into a mediation model in a sample of pre-service teachers, complex patterns emerged that have implications for LGB parents and their school-aged children.

13 Predictors of Researchers' Engagement in Scientific Misconduct Across Social Sciences?

Helena Alacha, University of Northern Iowa; Peyton Barton, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

Faculty and graduate student in the fields of psychology, economics, and political science responded to questions concerning questionable research practices (QRPs) and information regarding their own research and background. Perceptions of peers' engagement in and acceptability of research-related behaviors predicted self-reported frequency of engagement in QRPs.

14 Who Feels Safe on Campus?: Crime Information, Personality, and Gender

Chloe Reeble, University of Northern Iowa; Carrie Shea, University of Northern Iowa; Dominique Kornely, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

Colleges strive to have their campuses be safe learning environments, but for a number of reasons, students do not always feel safe on campus. Women and other students who had a belief in a dangerous world reported less perceived personal safety and more protective behaviors.

15 Not on My News Feed: Gay Social Media Content Censorship

Stephen Berry, Southern Illinois University Carbondale

Gay media content censorship has occurred throughout time. In contrast to previous research that investigated predictors of gay content censorship support regarding television and YouTube shows, the present research investigated predictors of supporting gay social media content censorship. Authoritarianism, homonegativity, and the moral foundation of purity/sanctity emerged as significant predictors.

16 When Fair Skin Is Unfair: Skin-Tone Based Social Comparison
Jalisha Govan, Central State University; Omesh Johar, Central State University
This study examined the social psychological implications of skin-tone based differences in a sample of African American undergraduates. Social comparison theory helped to understand links between perceived skin-tone and related social judgments, emotions, and behaviors. Future research needs to identify other behaviors that may be shaped by skin-tone based comparisons.

17 Instructor Active Learning Goals and STEM Student Outcomes
Anna Semanko, North Dakota State University; Jared Ladbury, Minnesota State University Moorhead
We examined if specific (versus general) instructor goals to implement active learning teaching behaviors related to student drop, fail, and withdraw rates. Our analyses indicate that simple interventions, such as creating specific goals to implement evidence-based teaching strategies, can improve student achievement outcomes.

18 The Effects of Message Interventions on Excessive Social Media Use
Angela Rose, Kansas State University; Laura Brannon, Kansas State University
Personalized behavioral feedback and descriptive social norms messages were used as interventions intended to reduce excessive social media use, which can be a predecessor to developing internet addiction. Results were promising for each type of message intervention, such that social norms affected intended future behavior while behavioral feedback affected attitudes.

19 Disaggregating Social Media Behaviors
William Crabtree, Murray State University; Sean Rife, Murray State University
This study examines passive social media usage and its relationship with negative mental health outcomes. We use a newly developed self-report measure of specific online behaviors. Results indicate no significant relationship between passive social media behaviors and depression and anxiety.

20 Viewpoint Diversity, Classroom Expression, and Authoritarianism: A Moderation Analysis
Ryan Hjelle, University of Minnesota Duluth
This study assessed the relationship between the degree of religious commitment/political philosophy and self-reported concern in sharing one's opinion in the classroom, on a variety of controversial topics. Results are discussed and suggest that the current classroom environment and pedagogy may be inhibiting the voices of diverse philosophical viewpoints.

21 The Relationship between Racial Resentment and Gun Control is Confounded.
Daniel Miller, Purdue Fort Wayne; Patrick Waddell, Purdue, Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Catalina Todd, Purdue University Fort Wayne
The relationship between racial resentment (symbolic racism) and gun control attitudes is confounded by beliefs about individualism. Data from the American National Election Survey for the year 2000 indicated that the relationship between symbolic racism and gun control attitudes was significantly reduced when individualism was controlled.

22 Why Women and Men Say Women Should Depilate
Donna Henderson-King, Grand Valley State University; Olivia Kelly, Grand Valley State University; Zoie Zvonar, Grand Valley State University
Self-determination theory and objectification theory can be used to help understand women's adherence to, and understanding of, a variety of appearance-related behaviors, including body hair depilation. We examined women's reasons for their own depilation and compared them to reasons reported by women and men about depilation for women in general.

23 The Psychological and Behavioral Effects of Social Media
Erin White, Michigan School of Psychology; Joelle Frangie, Michigan School of Psychology; Brittany King, Michigan School Psychology
Online social media has become commonplace, which may impact psychological well being and behavior. Data from 185 individuals were collected through online questionnaires (n = 185). Factor analysis was based on 33 items using principal-axis factoring. The results concluded that overall, social media can affect mood positively and negatively.

24 The Relationship Between Upward Comparison and Avoidance Tendencies

Noelle Herzog, The University of Toledo; Elizabeth Gallinari; Keith Edmonds, The University of Toledo; Samuel Oswald, The University of Toledo; Jason Rose, University of Toledo

Do those who compare themselves to people better than them also show avoidance tendencies? 149 participants completed the Iowa-Netherlands Comparison Orientation Measure and the Brief Experiential Avoidance Questionnaire. There was a significant positive association between upward comparison and avoidance tendencies.

25 How Maternal Satisfaction and Race Influences Perceptions of "Good Mothers"

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

Utilizing a sample of 151 undergraduate students, we sought to replicate and extend Gorman and Fritzsche's (2002) research on the "good mother stereotype. Specifically, we explored how employment status, maternal satisfaction and race of the mother influences the "good mother" stereotype.

26 Influence of Belonging and Mindset for College Students' STEM Experiences

Kathryn Boucher, University of Indianapolis; Elizabeth Ray, University of Indianapolis; Allison Taylor, University of Indianapolis; Ansley Crutchfield, University of Indianapolis; Alena Gorman, University of Indianapolis; Nayoung Jang, University of Iowa; Christine Logel, University of Waterloo; Mary C. Murphy, Indiana University

Focus groups of students and staff at six U.S. universities explored belonging and mindset in college students' experiences in their STEM coursework. Thematic analysis indicates that a lack of belonging and perceiving STEM faculty to have a fixed mindset of intelligence emerged as barriers for students.

27 Commuters vs. Residential Students: Campus Engagement and Psychological Outcomes

Elizabeth Majka, Elmhurst College; Lawrence Nisivaco, Illinois State University; Emma Wilkin, Elmhurst College; Cheryl Leoni, Elmhurst College

Commuter students face unique challenges relative to residential students. In a large scale online survey, we found that commuters are less involved in campus life and report a lower sense of institutional belonging. However,

commuters and residential students did not differ on any psychological variables or in academic persistence rates.

28 Environmental Attitudes Inventory: Two New Cross-Validation Studies
Amanda Barry, University of Dayton; Alea Albright, University of Dayton; Roger Reeb, University of Dayton
In our cross-validation research on the Environmental Attitudes Inventory, Study 1 generally replicated the 12-factor structure reported in original research, and Study 2 provided good evidence of internal consistency and temporal consistency. We describe plans to assess attitudinal changes in students assisting with an urban farm at a homeless shelter.

29 Office Clutter Source: Existing Gender Differences
Martha Szekely, DePaul University; Helena Swanson, DePaul University; Joseph R. Ferrari, DePaul University
Little research has been done on clutter source and potential gender differences. We conducted a qualitative analysis and identified categories of clutter including papers, technology, and decorations. Analyses conclude that there are gender differences in self-reported initial clutter source for paper, decorations, and technology.

30 Gender Differences in Sport Fans
Beth Dietz, Miami University
The results of the current study show that males report identifying more strongly as a sport fan, engaging in more traditional sport fan behaviors, and possessing more sport knowledge than females. Mediational analyses suggest that the level of sport fan identity drives this gender difference.

31 Gender-normed Scoring and Trans* Individuals
Ashley Wilson, Murray State University & Western Kentucky University; Laura Liljequist, Murray State University
Investigated gender normed scoring on the Brief Symptom Inventory (BSI; Derogatis, 1993) when assessing cisgender and trans* or gender non-conforming individuals. Regardless of gender identity or sex assigned-at-birth (SAAB), a higher mean number of clinically significant elevations (T score > 63) was found using male norms.

32 Mind the (Gender) Gap: Social Dominance and Supporting Gender Hierarchies

Shayla Cox, Central College; Randall Renstrom, Central College
This study investigates how social dominance orientation, perceived injustice, and gender affects support for policies addressing gender inequality. It was hypothesized that high SDO men would be most likely to oppose such policies but that for high SDO women it would depend on whether they perceived societal injustices against women.

33 Does gender equality moderate gender differences in mate preferences?

Chanelle Wilcox, Saint Xavier University; Laura Vogrig, University of Illinois at Chicago; Angela Pirlott, Saint Xavier University
We conducted a moderated meta-analysis to determine whether cross-cultural level of gender equality affected the magnitude of sex or gender differences in key mate preference traits—domestic skills and resource provisioning skills.

34 Exploring Eating Disorder Symptomatology Across Sexual Orientations in Treatment-Seeking Women

Matthew Murray, Illinois Institute of Technology; Shelbi Cox, Center for Discovery; Jennifer Henretty, Center for Discovery; Alissa Haedt-Matt, Illinois Institute of Technology
Differences in eating disorder (ED) symptomatology were examined in adult women identifying as heterosexual, lesbian, bisexual, and other/unsure who presented to intensive outpatient, partial hospitalization, and residential ED treatment programs across the U.S. Results indicated that bisexual women presented to treatment with more severe illnesses at younger ages.

35 College Students' Usage of Sexually Degrading Language Over Time

Paige Bullock, Kenyon College
Data from 2019 were compared to 1999 data from the same college. Most men in 1999 used a degrading term to refer to women's genitals, which was not true in 2019. Women in 2019 were more likely to use an aggressive term for sex, especially with an intimate partner.

36 Smartphone Application Use for Relationship Seeking Online among Transgender Adolescents

Junye Ma, Northwestern University; Aaron Korpak, Northwestern University; Kathryn Macapagal, Northwestern University
This qualitative study examined transgender adolescents' social media and dating app use for relationship seeking online. 130 transgender adolescents

considered personal safety and setting boundaries important for relationship seeking online. Participants also expressed the concern for the acceptibility of their transgender identity and ways to meet other LGBTQ adolescents.

37 Patients' Perspectives on Social Support and Stigma in PrEP-related Care

Juan Pablo Zapata, Marquette University; Edward T. de St. Aubin, Marquette University

There is a lack of literature describing how social support and stigma may affect PrEP. Interview questions explored how these and other psychosocial factors affected PrEP use. Findings indicate that social support is generally associated with increased sense of belonging and reduced social and mental harm arising from PrEP stigma.

38 Exploring transgender adolescents' body image concerns and disordered eating

Madelaine Romito, University of Pittsburgh

In-depth, semi-structured interviews with nine transgender youth explore the complex intersection of gender identity, transition milestones, body image, and disordered eating. Presented in a case study design, we expect the cases and the themes uncovered to provide important insights that will inform sensitive research and clinical practice with trans youth.

39 A Novel Gender Scale: The Boomgarden Gender Affinity Scale

Samantha Boomgarden, Eastern Illinois University; Caridad Brito, Eastern Illinois University; Assegedetch Haile Mariam, Eastern Illinois University

The purpose of this study was to quantify the feeling of belonging towards one's identified gender by creating the Boomgarden Gender Affinity Questionaire (BGAQ). This scale has three potential factors explaining 65.55% of the variance; and may serve as a way to assess gender identification within women.

40 Conformity to Masculine Norms and Negative Attitudes Towards Obesity

Elizabeth Dougherty, Illinois Institute of Technology; Krystal Badillo, Illinois Institute of Technology; Alissa Haedt-Matt, Illinois Institute of Technology

This study investigated whether greater conformity to masculine norms predicted more negative attitudes towards obesity in a sample of men. Greater conformity to masculine norms was associated with more negative attitudes towards obesity. These findings suggest that male gender norms may be helpful to target to prevent weight-based discrimination.

41 Perceptions of Race and Gender Identity Transitions

Maria Sanchez Rodriguez, Grand Valley State University; Christine Smith, Grand Valley State University; Carly James, Grand Valley State University; Jorgen Reberg, Grand Valley State University; Ashlyn Buckley, Grand Valley State University

Perceptions of race and gender as alterable aspects of identity were examined using four identity transition scenarios. Participants' beliefs about identity transitions were dependent upon both the type of transition and their resistance to societal change scores. Overall, participants perceived the black to white identity transition as the least plausible.

42 Associations of Geography, Social Support, and Community among LGBTQ+ People

Katie Kirk, University of Kentucky; Kyle Simon, University of Kentucky; Rachel Farr, University of Kentucky

This study measured community connection, social support, and location amongst a selection ($N = 433$) of LGBTQ+ people. There is significant positive association between an individual's social support and LGBTQ+ community attachment. These findings may help conceptualize both measures more effectively, resulting in better LGBTQ+ quality of life.

43 The Impact of Sexual Fluidity and Social Support on Ego Integrity

Alicia Figueroa, Concordia University Chicago

The present study investigated ego integration, sexual fluidity, and social support in adults 45+ yrs of age, who had been in a long-term relationship with the opposite sex prior to 'coming out' as LGB. The implications suggest that 'coming out' later can impact acceptance of one's sexual fluidity.

44 Disconfirmatory Evidence of Asexuality-Related Mental Distress

Jared Boot, Michigan School of Psychology; Dustin Shepler, Michigan School of Psychology

MANOVA results indicated that women reported greater anxiety, but not depression, than men. Results also indicated that people who identified as asexual did not differ in levels of anxiety or depression from people who identified as LGB or heterosexual. Directions for future research and impact of recruitment methods are considered.

45 Boss Lady: Correlational study of women's career aspirations and self-esteem

Mary Tait, Marquette University

Many factors are integral to understand women's career aspirations, including

self-esteem. 227 women (age 21 to 77) were examined to see if there is a relationship between career aspirations and self-esteem. Overall, a positive correlation between career aspirations and self-esteem. Results are discussed for practical implications.

46 Work Locus of Control: Comparison Between U.S and Caribbean
Gregory King, Carlos Albizu University; Toni DiDona, Carlos Albizu University
WLOC of Caribbean (n= 105) and U.S. (n= 836) employees across gender, job-type, age, and years at job was researched. Results: Caribbean WLOC scores were significantly higher (m= 32.30), more external, than the U.S. scores (m= 24.50). Findings from this research allows organizations to better select candidates from the Caribbean.

47 Comparison of Work Locus of Control Between U.S. and Brazil
Daiane Bacheler, Carlos Albizu University
Work Locus of Control can influence job performance, job satisfaction, and more. Subjects on the internal spectrum believe their own skills/efforts are large determinants of success. We compared WLOC of employees in U.S. to those in Brazil (online survey). The mean for U.S. residents was lower (more internal) than Brazilian.

48 The Effects of Race and Gender on Negotiation
Savannah Price, Southern Illinois University Edwardsville; Elora Voyles, Southern Illinois University Edwardsville
One way to narrow the racial and gender pay gaps is by using negotiation to improve perceptions of competence. However, women and racial minorities experience a tradeoff between their perceived competence and warmth. The current studies examine the effects of negotiation on warmth, competence, and hirability among different genders and

49 Taking a Closer Look at Leader CWB: A Qualitative Analysis
Amirreza Talaei, University of Windsor
Leader Counterproductive Work Behaviours (CWB) has received much less attention in the literaure compared to employee CWB. The purpose of this study was to take a closer look at leader CWB using a qualitative analysis. Results showed that leaders do engage in various CWB that are not measured on extant CWB measures.

50 The Dimensional Structure of the Revised Descriptive Index

Maria Clapham, Drake University; Aili Huss, Drake University; Kalle Solberg, Drake University

This study examines the factor structure of the Revised Descriptive Index (Duehr and Bono (2006), an instrument used to study leadership stereotypes. Participants from North America completed the instrument through Amazon Mechanical Turk. Results suggest that the instrument assesses five primary dimensions: Affiliation, Agency, Temperament, Power and Openness.

51 Pulling the Race Card: The Power of Doing What You

Toni DiDona, Carlos Albizu University; Charles Ramos, Carlos Albizu University

A survey was created and translated into Spanish, Portuguese, and Dutch and distributed. This paper reviews the differences of self-determination scores across racial identity in a work organization. Statistical analysis rendered results that demonstrated self-determination scores were significantly different across the racial identities of White/Non-Hispanic, Hispanic/Latino, and Multiracial identities.

52 Effects of Missing LinkedIn Profiles for Black versus White Applicants

Alisa Schutz, University of Minnesota Duluth; alexandra luong, University of Minnesota Duluth; Mallory McCord, University of MInnesota Duluth

This study examines whether applicants without a LinkedIn profile are negatively evaluated by hiring decision-makers. Results did not support a main effect. However, an interaction effect with race indicated for those without a LinkedIn profile, the Black applicant was recommended a lower starting salary than the White applicant.

53 Basic psychological needs and positive adjustment in Chinese adolescents

Claire Novak, University of Michigan; Jianjie Xu, Beijing Normal University; Misu Kwon, University of Michigan, Ann Arbor; Alaina Gregory, University of Michigan; Miranda Schaffer, University of Michigan; Nan Zhou, Department of Educational Psychology and School Counseling, Faculty of Education, China; Yinan Wang, Beijing Normal University; Jiangyi Shen, Beijing Normal University; Shaoying Zheng, Beijing Normal University; Edward Chang, University of Michigan

Basic psychological needs (viz., competence, autonomy, & relatedness) were examined as potential mediators of the relationship between positive

affectivity and positive adjustment (i.e., self-esteem, life satisfaction, & academic performance) in a sample of 329 Chinese adolescents. Noteworthy, mediation analyses indicated competence as the only psychological need to mediate all relationships.

54 Maladaptive Perfectionism and the Disclosure of Distress
Jeffrey Kahn, Illinois State University; Jennifer Woodrum, Illinois State University; Mallory Bopp, Illinois State University; Elizabeth Marsh, Illinois State University; Dorothy Taylor, Illinois State University
Maladaptive perfectionism is associated several problematic interpersonal and emotional outcomes, but the degree to which it predicts willingness to talk about one's distress to others has been underexplored. Our study examined the association between perfectionism and generalized emotion-disclosure tendencies and also anticipated disclosure in response to several stressful, hypothetical events.

55 That's Offensive! The Role of Humor Style in Joke Perceptions
Courtney Thomas, NIU; Morgan Tillery, Northern Illinois University; Lisa Finkelstein, Northern Illinois University
Research indicates humor style influences one's use and interpretation of humor. This study tests relationships between humor style and perceptions of supervisor use of derogating humor, manipulated to be self- or other-derogating. Results indicate aggressive, affiliative, and self-enhancing humor influence perceptions of jokes as funny, personally offensive, and generally offensive.

56 Negative Childhood Experiences and the Facets of Meaning in Life
Hope Rose, University of Missouri; Laura King, University of Missouri, Columbia
Three studies show that adverse childhood experiences (ACEs) are negatively related to meaning in life, especially to feelings of coherence and significance. However, when reminded of negative childhood experiences, those with more ACEs show enhanced sense of purpose.

57 Is Life's Meaning Predetermined by Physical Attractiveness?
Alexis Jenkins, University of Missouri, Columbia; Christopher Sanders, University of Missouri, Columbia; Jake Womick, University of Missouri-Columbia; Laura King, University of Missouri, Columbia
The main purpose of this research is deciphering whether physical attractiveness predicts meaning in life (MIL). In three studies, we investigate the relationships between self-reported attractiveness and MIL,

other-reported attractiveness and MIL, and, perhaps most interestingly, other-reported attractiveness and self-reported MIL. Findings reveal a link between attractiveness and MIL.

58 Thing-Orientation Predicts Interest in a Person-Oriented Thing
Dennis Poepsel, Daemen College; Katrina Stork, Daemen College; Leah May, Daemen College
Participants were presented with choices (e.g., bidding on an electronic device) that were framed according to person- or thing-orientations (PO and TO). Results found that one's PO predicts lower initial bids while one's TO predicts higher rebidding on the device, but only if the device is PO-framed rather than TO-framed.

59 The Role of Personality Facets in Behaviorally-Measured Sleep Health
Nicholas Boehm, Iowa State University; Garrett Hisler, Iowa State University; Zlatan Krizan, Iowa State University
Undergraduate students completed personality questionnaires while actigraphically tracking their nightly sleep over a two-week period. Extraversion and conscientiousness were associated with better average sleep health, while negative emotionality was related to greater night-to-night variability. Results suggest that personality traits are important for both typical sleep and nightly changes.

60 Mediation Among Maladaptive Perfectionism, Rumination, and Distress: An Experimental Study
Jennifer Woodrum, Illinois State University; Jeffrey Kahn, Illinois State University
Rumination has been shown to mediate the relation between maladaptive perfectionism and distress. Our study examined this relation in the lab when some participants experienced failure. We anticipated a moderated mediation model in which an induced experience of distress would moderate the relation between maladaptive perfectionism and rumination.

61 Passion trumps Perseverance: A Moderated Path Analysis
Joshua Williams, Marshall University; April Fugett, Marshall University
It is important to determine causal mechanisms of exercise and related moderators. This study examines the connection between Grit (Passion x Perseverance) and its impact on Exercise Activity, while also determining the moderating effect of Exercise Efficacy in a sample of college-aged students.

62 Machiavellianism and self-concept content
Stephen Doerfler, University of Texas at Arlington
Machiavellians are considered to have low ideological commitment to the
extent they are motivated more by power than ideals and interests. In support,
a path model demonstrated that a weak sense of self mediated the relationship
between Machiavellianism and mentions of interests and trait-based term
usage in spontaneous self-concept content.

**63 Sexually arousing ads induce sex-specific financial decisions in hungry
individuals**
Tobias Otterbring, Department of Management/MAPP, Aarhus University;
Yael Sela, University of Michigan - Flint
Financial decisions are influenced by 1) sexual (vs. neutral) stimuli, making
men, more than women, financially impatient, and 2) hunger (vs. satiation),
making people exhibit financial impatience. Financial impatience does not
differ across conditions for satiated individuals, whereas hungry men
(women) become more financially impatient (patient) after viewing sexual
ads.

**64 Is Narcissism Associated with the Satisfaction of Basic Psychological
Needs?**
Rania Bellaaj, Oakland University
There were similarities and differences in the associations that aspects of
narcissism had with need satisfaction and frustration. For example, each
aspect of narcissism was positively correlated with need frustration but only
certain aspects of narcissism had unique associations with need frustration
when controlling for the other aspects of narcissism.

65 Competitions and Competitors
Zachary Reese, University of Michigan - Ann Arbor; John Raupp, University
of Michigan; Stephen Garcia, The University of Michigan
How does a competitor's personality interact with features of the competition
to evoke the desire to win? Across five studies (N = 881), we find highly
competitive people uniquely construe "weak" situations as competitive and
thus desire to win; they do not differ from less competitive people in "strong"
situations.

**66 Conscientiousness and Academic Performance: The Effects of
Academically Related Behaviors**
Alexandra Batsieva Regueros, Illinois State University; Daniel Lannin,
Illinois State University

Students scoring high on trait conscientiousness tend to have a better GPA due to enacting more organizing academic behaviors such as having a daily planner and reading syllabi. More conscientious students may also engage with instructors more, but these behaviors may appear to be less beneficial to their GPA.

67 Dominance Emerges in Others' Personality Ratings of Reality Television People

Laura M. Sinnett, Grinnell College
I found evidence for Dominance as a sixth factor of human personality, paralleling the literature on trait structure in chimpanzees. Dominance emerged in observer ratings of reality television people who, as with observer ratings of chimpanzees, were interacting in social groups that offered many opportunities for dominance versus submissive displays.

68 Everyday Experiences Are Predicted by Physical and Mental Mindsets

Alexander Karan, University of Illinois Urbana-Champaign; Jacinth Tan, Singapore Management University; Dolores Albarracin, University of Illinois
Mindsets dictate perceptions of experiences in everyday life, which often predicts well-being more strongly than objective experience, but mental and physical mindsets have not been distinguished. An MTurk sample was examined to distinguish mental and physical mindset factors, which predicted everyday life experiences. Treatment options can be improved understanding mindsets.

69 Introspective Evaluation on Representation of Women

Morgan Kinsey, Marshall University; Britani Black, Marshall University; April Fugett, Marshall University; Keith Beard, Marshall University; Krista Harris, Marshall University
Topics gaining speed in today's societal light include feminism and gender equality, prompting the emergence of the #MeToo movement. Consequently, there is a responsibility in the research community to explore if any relationship exists amongst attitudes towards women, personality measures and views on how women are portrayed in media.

70 Personality, Attitudes, and the Representation of Women

Krista Harris, Marshall University; Britani Black, Marshall University; April Fugett, Marshall University; Keith Beard, Marshall University
With the increase in movements such as #MeToo, attitudes towards women are an important area of study, especially when examining internet behaviors.

This study focused on the connections between different measures of personality, attitudes towards women, malevolent internet behaviors such as trolling, and perceptions of the representation of women.

71 Identification with Dark Fandoms
Edward Dodd, Murray State University; Sean Rife, Murray State University
Previous studies have found a positive relationship between identification with fandoms and psychological wellbeing. This study examined if identification with dark fandoms moderated this relationship. The results did not indicate any significant differences between identification with dark and light fandoms regarding psychological wellbeing, depression, or personality factors.

72 Passive Plagiarism: Is it an Honest Mistake?
Meredith McKee, Walden University
Qualitative thematic analysis was implemented for 142 psychology students' written responses to accusations of passive plagiarism that happened after receiving academic integrity education. The most frequent themes observed were "denial" and claims of unintentional "honest mistakes," which implied students understood what passive plagiarism was but still chose to do it.

73 Effect of Implied Role Model on Returning Clothes from Fitting Room
Diana L. D. Jacobs, Lindenwood University-Belleville; DomaNeisha Harden, Lindenwood University-Belleville
Department store fitting rooms are key to customer experience, with neat fitting rooms being highly desirable. Examined the impact of implied modeled behavior on store patrons' likelihood to leave undesired items in a dressing room or more appropriately place them on a return rack.

74 Meditation's Effect on Exam Scores
Christine Ziemer, Missouri Western State University
Meditation improves exam scores when students participate in a live-session one week prior to taking an exam, but *not* when students participate in an online mediation session immediately before the exam. This study compares students who participated in an online mediation session one week prior to the exam.

75 "Enlightened" Censorship by Proxy? Supporting the Roseanne Reboot Cancellation

Stephen Berry, Southern Illinois University Carbondale; Wayne Wilkinson, Arkansas State University - Jonesboro

The *Roseanne* reboot cancellation was simultaneously unsupported as the suppression of a prominent conservative and supported as a legitimate business decision. Predictors of cancellation support were studied. Social dominance and media influence perceptions predicted cancellation support based on political and business concerns. Liberalism predicted cancellation support based on political concerns.

Invited Symposium

Chairing a Department of Psychology: Advice from Seasoned Chairs

Thu. 1:00PM – 2:50PM   Marshfield

Organizer: Susan Amato-Henderson, Michigan Technological University; Marcia Pasqualini, Avila University

Current and prospective department chairs are invited to an informal conversation hour. What have you always wanted to know about the role of the chair but have been afraid to ask? Representatives from the Association of Heads of Departments of Psychology will answer questions, suggest strategies, and recommend resources..

Interpersonal Aggression

Thu 3:00PM - 4:50PM   Salon 01
Moderator: Julie Herbstrith, Texas Woman's University

3:00 Dating Perceptions: "Just a Bad Date" or Sexual Assault?
Katheryn Landsbaum, Lindenwood University Belleville; Samuel Pikus,
Lindenwood University Belleville; Trisha Prunty, Lindenwood University -
Belleville
This study examines individual's beliefs and attitudes about sexual assault,
consent, and dating. Research suggests that, although individuals identify a
scenario as sexual assault, they still engage in promotion of rape culture by
blaming the woman and exonerating the man.

**3:15 Nobody's Unaffected: Rape Myth Acceptance Predicts Blame Over
Participant Gender**
Kathryn Klement, Bemidji State University; Brad Sagarin, Northern Illinois
University; John J. Skowronski, Northern Illinois University; Kate Larson,
Bemidji State University
We explored the predictive value of participant gender on perceptions of
sexual violence victims and perpetrators across four studies (total $N =$
1143). RMA was a stronger predictor than participant gender for almost all
analyses. We discuss the implications of these results for sexual violence
interventions.

**3:30 Approval of Corporal Punishment, Dating Abuse Perpetration, and
Key Moderators**
Evan Basting, Cleveland State University; Elizabeth Goncy, Cleveland State
University
Experiencing parent-child aggression, specifically corporal punishment, is
related to dating abuse. Individuals who experienced frequent spanking
during childhood hold more favorable attitudes toward corporal punishment.
This study explores risk and protective factors related to the association
between approval of corporal punishment and DA perpetration. Results and
implications will be discussed.

3:45 Cognitive Dissonance and Dating Behavior Intentions
Anna Semanko, North Dakota State University; Verlin Hinsz, North Dakota

State University
This study used the theory of cognitive dissonance to understand how psychological discomfort may influence dating behavior intentions. No positive influences of dissonance were observed for dating behavior intentions. Overall dating intentions were healthy though, suggesting favorable implications for undergraduates' future dating behaviors of respect, trust, communication and helping.

Stigma and Bias

Thu 3:00PM - 4:50PM   Salon 06/07
Moderator: Sarah K. Murnen, Kenyon College

3:00 Stigmatized sources and persuasion: A self-validation analysis
Jason Clark, Purdue University
A wealth of research has examined how various source characteristics may validate the thoughts people have in response to persuasive appeals. However, little is known about how stigmatized communicators may influence such metacognitive processes. The current research suggests that stigmatized sources may influence self-validation as a function of message quality.

3:30 Stigma of Mental Illness: The Impact of a Diagnostic Label
Madeline Villeneuve, Lindenwood University - Belleville; Trisha Prunty, Lindenwood University - Belleville
This study examined diagnostic labels. It was hypothesized that an individual with a mental illness would be perceived more negatively than an individual with a physical ailment. Although there was no difference in overall perception, findings suggest that the individual with a mental illness was perceived as significantly less stable.

3:45 Explicit and Implicit Biases in Jury Decision-Making
Mike Morrison, King's University College at the University of Western Ontario; Kieran Waitschies, University of Guelph
We investigated the role of explicit and implicit biases in predicting jury decision-making. Participants completed measures of demographics, attitudes, as well implicit and explicit racial biases and were presented a legal case. We found differential effects of order of arguments and implicit and explicit racial biases. Implications discussed.

4:00 Attitudes toward Female Participation in Science & Technology
Anu Gokhale, Illinois State University
Current research suggests that the perceptions of students play a large role in discouraging women from pursuing technical majors. Our current NSF-funded project sought in part to promote more positive attitudes toward science and technology, particularly toward female participation in S & T, using Science/Technology/Society (STS) approach.

4:15 Athletic or Intelligent? Racial Bias Across Target Age and Gender
Kelsey C Thiem, Ball State University; Andrew Todd, University of California, Davis; Austin Simpson, University of California, Davis; Rebecca Neel, University of Toronto
Past research found that Black men and boys are more readily associated with athleticism and less readily associated with intelligence than White men and boys. The current research examined whether this racial bias generalizes to women and girls and whether the magnitude of this racial bias differs across target gender.

4:30 Serious vs. Humorous Confrontation of Sexism Affects Behavior Change Intentions
Kala Melchiori, James Madison University; Robyn Mallett, Loyola University Chicago; Julie Woodzicka, Washington and Lee University
We found that after an interaction with a man or woman confederate via video, men who were confronted as sexist expressed greater intentions to change their behavior following a serious versus humorous confrontation. Counter to predictions, the gender of the confederate did not impact intentions. Future directions will be discussed.

<div align="center">

Self Regulation and Goals

</div>

Thu 3:00PM - 4:50PM   Salon 03
Moderator: Carolyn Liesen, Monmouth College

3:00 Counting What Counts: When and How Performance Indicators Mislead
Jane Klinger, The Ohio State University; Steven Spencer, The Ohio State University; Abigail Scholer, The Ohio State University
Performance indicators may be pursued even at the expense of corresponding underlying goals, e.g., narrowly pursuing publication count at the cost of science. Five studies with diverse samples—from K-12 teachers to graduate

students—demonstrate 1) an important antecedent of perceived indicator social value and 2) negative consequences for well-being.

3:15 Early Environmental Unpredictability and Risky Decision Making in College Students
Nicole Miller, University of Detroit Mercy; Elizabeth Hill, University of Detroit Mercy
This study investigated the relationship between childhood unpredictability and risky decisions. Healthy relationships were posited to be a mediating factor. Results indicated that childhood unpredictability was significantly and positively associated with risk taking behaviors. Healthy dependency was significantly and negatively associated with risk taking behaviors, although was not a mediator.

3:30 Piece-Rate Versus All-or-None Framing Moderates Effects of Goal Progress on Commitment
Zaviera Reyes, University at Buffalo, SUNY; Thomas Saltsman, University at Buffalo; Deborah Ward, University at Buffalo, SUNY; Tracy Radsvick, University at Buffalo; Mark Seery, University at Buffalo
A novel moderator to explain the divergent effects of progress on goal commitment is piece-rate vs. all-or-none framing. Participants received manipulations of goal framing and progress regarding a health goal. We found the hypothesized interaction: high progress (vs. low) led to more goal-consistent behavior with all-or-none but not piece-rate framing.

3:45 A Meta-Analysis Study of School-Based Intervention Programs on Executive Function
Ting Shen, Missouri University of Science and Technology; Christine Li-Grining, Loyola University Chicago
Executive function (EF) robustly predicts life-long success in many aspects. This meta-analysis study provides evidence of the effectiveness of various school-based intervention programs on EFs and examines heterogeneity. The preliminary result of univariate analysis indicated that the mean effect size is 0.36, 95% CI [0.26,0.46] favoring treatment groups.

4:00 A Scale to Measure Students' Self-Regulation Failure
Ibrahim Al-Harthy, College of Education. Sultan Qaboos University
Tools to measure self-regulation are well developed in literature. There is a lack of tools to measure SRF. In response to this, a conceptual and more comprehensive scale of various causes is developed. The initial scale

contained eight-factors with Cronbach alphas ranging from .47 to .65. Additional analysis is conducted.

4:15 Valence Weighting Bias as a Predictor of Intertemporal Choice Preferences

Javier Granados Samayoa, The Ohio State University; Russell Fazio, The Ohio State University

Our research provides a novel perspective on intertemporal choice preferences by suggesting they are partly driven by individual differences in valence weighting tendencies. Specifically, those with a more positive valence weighting bias demonstrate a stronger preference for immediate rewards. This finding deepens our understanding of the dynamics underlying intertemporal decision-making.

The Self

Thu 3:00PM - 4:50PM   Salon 05/08
Moderator: Kentaro Fujita, The Ohio State University

3:00 Who Are You at Your Roots? True Self and Stability

Ellen Dulaney, DePaul University; Verena P Graupmann, DePaul University

When made aware of identity incongruence, participants' behaviorally-measured projective self-conceptualizations were associated with their self-essentialism beliefs. Self-essentialism was also positively related to need-fulfillment and life satisfaction, supporting its compensatory role during identity threat.

3:15 It's Good to be Bad: Preference for Similar Villains

Rebecca Krause, Northwestern University; Derek Rucker, Northwestern University

Prior research finds that people actively avoid comparisons to similar others who possess negative qualities. In contrast, we demonstrate that stories offer a "safe escape" where people become drawn toward similar others with villainous traits. This result occurs in both experimental data and secondary data from a real-world company.

3:30 Self-esteem and Self-esteem Importance Uniquely Impact Reactions to Evaluative Feedback

Thomas Vaughan-Johnston, Queen's University; Jill A. Jacobson, Queen's University

In a false-feedback study, we found support for cognitive preferences for consistent feedback and affective preferences for enhancing feedback. However, only people led to think self-esteem was important showed calmness benefits from positive versus negative feedback, which may reveal a new perspective on self-enhancement.

3:45 When "Others" Are More Important Than the "Self"
Der-Wei Huang, Indiana University Bloomington; Edward Hirt, Indiana University-Bloomington; Janelle Sherman, Indiana University
This research examines under what circumstance people weigh others as more important than the self. Specifically, when our close others are attacked by somebody else, we have the tendency to stand up more for our close other (vs. self).

4:00 Core Worth Beliefs Promote Openness to Counterattidinal Information.
Mark Matthews, The Ohio State University; Richard Petty, Ohio State University, Columbus
We introduce a new construct, core worth, a belief that one has an inherent worthiness in their being. We introduce a scale to measure this construct, and we differentiate this construct from self-esteem by showing that core worth positively associates with openness to counterattitudinal information, whereas self-esteem does the opposite.

4:15 Self-Nature Representations Components that Predict Environmental Orientation Values and Behaviors
Allen McConnell, Miami University; Tyler Jacobs, Miami University
Undergraduates (N=301) completed measures of self-nature representations, environmental value orientation beliefs, and past conservation behaviors. Self-nature overlap, nature-to-self relative size, and nature size correlated to belief and behavior measures, but only self-nature overlap and nature size uniquely predicted them. Implications for self-nature representations, past findings, and conservation interventions are discussed.

Social Cognition

Thu 3:00PM - 4:50PM   Chicago
Moderator: Jonathan Kunstman, Miami University

3:00 Regret Intensity: The Role of Lost Versus Future Opportunity Regrets
Mallory Forward, King's University College at the University of Western Ontario; Mike Morrison, King's University College at the University of Western Ontario
The current study examined the role of opportunity and individual dispositions in predicting regret intensity. We found that lost opportunity regrets become less intense over time, where future opportunity regrets become more intense. Differences were also found in the coping strategies used for each regret type. Additional results are discussed in detail.

3:15 Anticipated Comfort in Social Interactions: Causal Effects of Valence Weighting
Courtney Moore, The Ohio State University; Matthew D. Rocklage, University of Massachusetts - Boston; Evava Pietri, Indiana University Purdue University Indianapolis; Russell Fazio, The Ohio State University
Individuals high in rejection sensitivity are often hesitant to approach interpersonal interactions. We examined the causal effects of individuals' valence weighting tendencies on this relation. Recalibrating participants' weighting biases in a more balanced direction attenuated this relation, especially for hypothetical scenarios that were not normatively viewed as unquestionably difficult.

3:30 Friend or Foe: Disgust Sensitivity Predicts Minimal Ingroup Preferences
Shelby Boggs, The Ohio State University; Benjamin Ruisch, The Ohio State University; Russell Fazio, The Ohio State University
Individuals characterized by stronger disgust sensitivity display greater ingroup favoritism. We examined the minimal conditions under which this effect can occur via a minimal groups paradigm. Disgust sensitive individuals viewed the team to which they had obviously been randomly assigned as warmer and allocated more resources to their ingroup.

3:45 Event Repeatability Moderates Action-Inaction Effects in Regret
Connor Dantzler, Ohio University; Keith Markman, Ohio University
Participants recalled a regrettable life event that could either happen again

(repeatable) or could not happen again (non-repeatable). Supporting a functional account, those in the repeatable condition tended to report regrets of action (doing something), whereas those in the non-repeatable condition tended to report regrets of inaction (not doing something).

4:00 A Game of Telephone with Medical Information and Misinformation

Mitchell Dandignac, Miami University; Christopher Wolfe, Miami University
This research examines how credible and non-credible cancer information is communicated between people within experimental diffusion chains. Credibility and psycholinguistic properties of texts are predictors of how cancer information is transmitted. When non-credible cancer information promotes gist representations, it is communicated similarly to credible cancer information that promotes verbatim representations.

4:15 Context of Disclosing Suicidality: An Exploration with Suicide Attempt Survivors

Lindsay Sheehan, Illinois Institute of Technology; Silvia Armas, Illinois Institute of Technology; Cora Liu, Illinois Institute of Technology; Madison Sparkman, Illinois Institute of Technology
This study assessed the context of suicide disclosure from the perspective of suicide attempt survivors (n=40). Themes and subthemes reveal numerous disclosure-related strategies. Findings from this study can be used to help suicide attempt survivors make disclosure decisions and craft disclosure messages that maximize benefits for themselves and others.

4:30 Last Chances Increase Preferences for Repeat Experiences

Yuji Winet, University of Chicago, Booth School of Business; Ed O'Brien, University of Chicago, Booth School of Business
In three studies, we demonstrated that temporarily limiting future opportunities to have a given hedonic experience increases preferences for repetition over novelty. We find the effect is best explained by the perception that repeat experiences are more emotionally meaningful than novel experiences, even when they are less hedonically enjoyable.

Measurement and Methodological Issues

Thu 3:00PM - 4:50PM   **Salon 12**
Moderator: Sunde Nesbit, Iowa State University

3:30 Influence of Gender Identity Measure Constraints on Survey Responding Behavior
Joy Pawirosetiko, Northern Illinois University; Brad Sagarin, Northern Illinois University
Undergraduate psychology students, other university members, and Amazon Mechanical Turk workers reported gender identity at the beginning of a questionnaire using one of six formats. The type of gender identity measure did not significantly impact participant affect, attitudes toward the survey and the researcher, or responding behavior.

3:45 Measurement Invariance of the Grit Scales Across Age and Education
Bryant Stone, Southern Illinois University; Kathleen Schmidt, Southern Illinois University Carbondale
The Grit-O and Grit-S are measures of grit, defined as perseverance and passion for long-term goals. In an international sample, the Grit-S (and not the Grit-S) demonstrated strong measurement invariance across age and educational attainment. The Grit-S appears to be superior to the Grit-O, especially for comparisons across these demographics.

4:00 Researcher Degrees of Freedom in Nonparametric Statistics Across Statistics Packages
Bryant Stone, Southern Illinois University; Hannah Lindsey, Brigham Young University; Paula Johnson, The University of Utah; James Carter, Stanford; Cooper Hodges, Brigham Young University
The researchers tested the consistency of nonparametric analyses conducted using SPSS, SAS, STATA, R, and Excel. Several inconsistencies in the calculation or reporting of results arose across the platforms, such as p-values, test statistics, correlation coefficients, and measures of normality, which are majorly due to differences in rounding or formulas.

4:15 Estimating Time Intervals during the Trier Social Stress Test (TSST)
Sara Bagley, Lindenwood University; Samantha Ebert, Lindenwood University; Kevin McGowan, Lindenwood University
Passive observation from the Trier Social Stress Test can induce enough of a

psychosocial stress to distort the perception of time. Data will be presented on differences between four time intervals and when some were over verses underestimated. This is a basic understanding of human nature.

4:30 Is "me-search" necessarily less rigorous research? Stereotypes about the science of identity
Kimberly Rios, Ohio University
In a study of 343 social/personality psychologists, participants evaluated identity-related subfields (i.e., gender, political psychology, and especially religion) as less rigorous and mainstream than identity-unrelated subfields (i.e., attitudes/persuasion, judgment and decision-making), and tended to perceive identity researchers as conducting "me-search" (e.g., religion researchers were rated as "religious," gender researchers were rated as "female"). Implications for psychologists' perceptions of one another, as well as their downstream consequences for early-career researchers, are discussed.

Effects of Trauma

Thu 3:00PM - 4:50PM   Salon 10
Moderator: Cami McBride, Roosevelt University

3:00 Associations between Maltreatment, Child Posttraumatic Stress Symptoms, and Adolescent Delinquency
Samantha Awada, Northern Illinois University; Elizabeth C. Shelleby, Northern Illinois University
Using data from the Fragile Families and Child Wellbeing Study, child maltreatment (e.g., physical harsh parenting and Child Protective Services contact) at age 5 was associated with adolescent delinquency at age 15 through posttraumatic stress symptoms at age 9, even after controlling for earlier child conduct problems and demographic variables.

3:15 Childhood Sexual Abuse and Depressive Affect: In Search of Mechanisms
JohnBosco Chukwuorji, Cleveland State University; Sherri Hostetler, St. Vincent Charity Medical Center; Ilya Yaroslavsky, Cleveland State University
We examined whether childhood sexual abuse (CSA) predicts depressive affect (low positive, PA, or high negative affect, NA), with emotion regulation, parasympathetic nervous system activity and stress as mechanisms. We found indirect effects of CSA on depressive affects, aligned with the diathesis-stress model, but differentially tied to PA and NA.

3:30 Does PTSD evidence specificity with ER deficits and affective hyper-arousal?
Elizabeth McDermott, Cleveland State University; Pranav Bolla, Cleveland State University; Joseph Lancaster, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
This study tested whether PTSD is uniquely tied to affective hyper-reactivity, independent of depression and Generalized Anxiety Disorder symptoms, and the role of emotion regulation (ER) deficits in this specific association. PTSD symptoms evidenced specificity in predicting ER deficits, and affective hyper-arousal. Results are discussed in relation to treatment implications.

3:45 Life After Trauma: Associations Between PTSD, Schemas, and Negative Perceptions
Miranda Jany, University of Missouri-St. Louis; Carissa Philippi, University of Missouri St. Louis
The present study examined relationships between PTSD, traumatic exposure, and negative views of the self, others, and metaperceptions, and maladaptive schemas. Individuals with increased PTSD symptoms had more negative views of the self, others, and metaperceptions, as well as having increased maladaptive schemas.

4:00 Chronic, Not Early-life, Stress is Associated with Reduced Cognitive Flexibility
Katherine Knauft, Miami University of Ohio; Vrinda Kalia, Miami University
Past research suggests that acute stress may impair cognitive flexibility. The present study sought to further assess the effects of chronic stress and early life stress on cognitive flexibility. Results suggest that chronic, but not early life stress is associated with decreases in some forms of cognitive flexibility.

4:15 BDSM and Sexual Trauma
Katheryn Landsbaum, Lindenwood University Belleville; Ruth Fernandez Berrendo, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville
This study examined differences in BDSM practices for those who have and have not experienced past trauma. The results of this study show that individuals who have been traumatized rank higher on certain facets of BDSM, implying the possible use of BDSM as a coping skill.

Substance Use & Addiction

Thu 3:00PM - 4:50PM   Indiana
Moderator: Matt Woodward, Western Kentucky University

3:00 Causal Beliefs of Serious Mental Illness and Substance Use Disorder

Sang Qin, Illinois Institute of Technology; Sai Snigdha Talluri, Illinois
Institute of Technology; Sara Catanese, Illinois Institute of Technology;
Patrick Corrigan, Illinois Institute of Technology
To examine the difference in causal beliefs and perceptions of recovery
among severe mental illness (SMI) and substance use disorder (SUD),
participants (n = 159) completed measures of recovery and causal beliefs.
Participants endorsed biogenetic causes more for SMI than SUD.
Psychosocial cause was positively associated with recovery for SMI.

3:15 Peer Services for Serious Mental Illness versus Substance Use Disorder

Sang Qin, Illinois Institute of Technology; Virginia Spicknall, Illinois
Institute of Technology; Patrick Corrigan, Illinois Institute of Technology
Peer support services for people with serious mental illness and substance use
disorder have been growing in popularity. Two peer styles include supportive
or confrontational. This study examines the public's endorsement of these
styles when treating SMI versus SUD and the effects of recovery-as-outcome
versus as-process on peer services.

3:30 Impulsivity and Sex-Related Alcohol Expectancies Interact to Predict Alcohol-and-Sexual Consequences

Tracey Garcia, Murray State University; Dana Litt, University of North
Texas, Health Science Center; Melissa Lewis, University of North Texas,
Health Science Center
Research has previously linked dispositional impulsivity and sex-related
alcohol expectancies to alcohol and sexual consequences. Utilizing a sample
noncollege and college sexually active YAs, differential patterns in alcohol
and sexual consequences based on sex-related alcohol expectancies and
different aspects of dispositional impulsivity were observed. Prevention
implications will be discussed

3:45 Cigarette and e-cigarette expectancies, use, and intentions among Latinx students

Sarah E. Stegall-Rodriguez, The University of Texas at San Antonio; Jessica
Perrotte, Texas State University; Michael Baumann, The University of Texas

at San Antonio; Sarah Moreno, Texas State University
E-cigarette usage among young adults has drastically increased since 2013.
Informed by the extended self-medication hypothesis, we explored the
relationship of expectancies to cigarette and e-cigarette use and intention to
use in a Latinx college sample. Both similarities and important differences
were found. Additional results and implications are discussed.

**4:00 Sympathetic Arousal and Substance Use: A Mechanistic Emotion
Regulation Study**
Joseph Lancaster, Cleveland State University; Keri Stewart, Cleveland State
University; Elizabeth McDermott, Cleveland State University; Ilya
Yaroslavsky, Cleveland State University
Aberrant sympathetic-adrenal-medullary (SAM) axis reactivity is associated
with emotion regulation (ER) deficits and substance use (SU). However, it
remains unclear whether aberrant SAM reactivity reflects blunted- or hyper-
arousal, nor is it known whether ER mediates the relationship between SAM
reactivity and SU. This study bridges these gaps in the literature.

**4:15 Shame, emotion regulation and substance craving among those in
AA/NA.**
Kevin Jaworski, Cleveland State University; Ilya Yaroslavsky, Cleveland
State University
The present study examined the contributions of shame and emotion
regulation towards craving for substances among those in mutual help groups.
Results demonstrate that shame has a strong association with craving across
varying levels of emotional distress in daily life, while emotion regulation
may not to be as robustly linked.

**4:30 Shame and emotion regulation among those with substance use
disorders.**
Kevin Jaworski, Cleveland State University; Cheyene Horner, Cleveland
State University; Ilya Yaroslavsky, Cleveland State University
The current study investigated possible transactional relationships between
shame and maladaptive emotion regulation among those with substance use
disorder. Findings suggest that shame is significantly predictive of shame in
the short-term, and that a similar relationship exists within maladaptive
emotion regulation. However, they not appear to influence one another.

Professional Development: Solving the two body problem

Thu 3:00PM - 4:50PM   Marshfield

3:00 Solving the two-body problem: Navigating academia as a couple
Renée Tobin, Temple University; Ximena Arriaga, Purdue University; Robyn
Mallett, Loyola University Chicago; Adena Meyers, Illinois State University
In this session, a panel of faculty members from different career stages, types
of academic institutions, and subfields within psychology will discuss
navigating the academic job market. Panelists will discuss the processes
broadly and the unique aspects of faculty positions as a dual-career couple,
before fielding questions from the audience.

Professional Development: Teaching Undergraduate Stats and Methods

Thu 3:00PM - 4:50PM   Salon 04/09

3:00 Teaching Undergraduate Statistics: New Tools for Better Learning
Robert Calin-Jageman, Dominican University
This workshop will provide a hand-on tour of new tools you can use to
sharpen your undergraduate statistics curriculum: jamovi with esci as a free
analysis platform to supplement p values with effect sizes, ManyLabs data
sets for active learning, and simulations to help students understand sampling
error.

**4:00 Helping all students benefit from statistics and research methods
courses**
Pirita See, South Dakota State University; Tyler Miller, South Dakota State
University; E. Paige Lloyd, University of Denver; Russell Webster, Penn
State Abington College
We will discuss how statistics and research methods courses can be built to
increase psychology studentsâ€™ 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 ones who will not become research scientists.

Professional Development:
Helping yourself and others get hired

Thu 3:00PM - 4:50PM   Wilson

3:00 Kisses of Death in the Faculty Hiring Process and How to Avoid Them

Guy Boysen, McKendree University
The academic job market is intensely competitive, and candidates must avoid errors that eliminate them from serious consideration for positions. This session will outline errors that are kisses of death in the faculty hiring process at various types of colleges and universities, as well as strategies for avoiding those errors.

4:00 Identifying and avoiding bias in letters of recommendation

Carlee Hawkins, Southern Illinois University Edwardsville
It is difficult to overstate the impact of letters of recommendation in decision-making in higher education. They are subjective and confidential, which introduces the possibility of bias. I will discuss and solicit strategies for reducing bias in the letters we write and identifying bias in the letters we read.

Professional Development Session

Thu 4:00PM - 4:50PM   Kimball

4:00 Professional Development for Workplace-Bound Bachelor's Graduates

Paul I. Hettich, DePaul University
The bachelors is the highest degree for 56% of Psychology graduates. MPA is an ideal venue for enabling these undergraduates to increase their professional development, explore careers, and enhance workplace preparedness. This session interactively discusses workplace skills, professional development experiences, career skillsets, underemployment issues, and job satisfaction dimensions.

Invited Workshop

We Get Knocked Down But We Get Up Again:
Six Successful Psychologists Talk about Resilience in the Face of
Academic Rejection

Shira Gabriel, SUNY Buffalo
Margo Monteith, Purdue University
Heather Claypool, Miami University
Kimberly Rios, Ohio University
Amanda Diekman, Indiana University
Linda Skitka, University of Illinois, Chicago

Thur. 3:00PM – 4:50PM   Crystal

Six MPA Fellows give advice on dealing with the inevitable disappointments that come with an academic career. We will discuss dealing with grant and paper rejections, social comparisons, and career disappointments. We will offer advice on how to reframe failure, widen your approach to publishing, and keep balance in life.

Cognitive: Poster Session

Thu 3:00PM - 4:50PM Exhibit Hall

1 Effects of Senior Living Residents' Perceived Social Cohesion on Loneliness
Joseph Bihary, Mather Institute; Jennifer Smith, Mather Institute; Ajla Basic, Mather Institute; Dugan O'Connor, Mather Institute; Catherine O'Brien, Mather Institute; Janis Sayer, Mather Institute
Widowed residents of senior living communities may be at particular risk for increased feelings of loneliness and worse well-being outcomes compared to married residents, regardless of social activity with friends, age, or gender, and this may be especially true among residents who perceive weaker social cohesion within their communities.

2 Predicting Older Adults' Life Satisfaction: Spirituality, Social Support, and Health
Aimee Ferriss, Central College; Keith Jones, Central College
Despite contributing to an overall model of life satisfaction that included social support and perceived health, spirituality was not a significant predictor itself for older adults. For older women, social support was a significant predictor. For older men, perceived health was a significantly predictor while social support was marginally significant.

3 Age and sex differences in autobiographical memory retrieval
Claire Neill, Missouri University of Science and Technology; Ava Peterson, Missouri University of Science and Technology; Raelynn Twohy, Missouri University of Science and Technology; Elena Bai, Missouri University of Science and Technology; Maria Gugliano, Missouri University of Science and Technology; Amy Belfi, Missouri University of Science and Technology
It has been shown that ability to recall vivid autobiographical memories (AMs) declines with age. Participants were shown stimuli then asked to describe the memories evoked. Memories were coded to assess vividness. Overall, men's memories contained more episodic richness, and this was more pronounced in younger than older adults.

4 Individual Differences in Nostalgic Frequency Relate to Psychological Well-Being

Jennifer Turner, The University of Akron; Jennifer Stanley, University of Akron

Nostalgia is an emotionally-mixed autobiographical experience that appears to be common to most people. Nostalgia has been linked to positive and negative psychological outcomes, however age and frequency of experience have been underexamined. The present study found support for three distinct psychological outcome patterns associated with nostalgia frequency and age.

5 Interest in Intergenerational Research: Social Connection and Loneliness as Predictors

Madie Ritter, Northern Kentucky University; Viviane Johnson, Northern Kentucky University; Jacob Carter, Northern Kentucky University; Nikki Nally, Northern Kentucky University; Allyson Graf, Northern Kentucky University

This project aimed to understand variables affecting young adults' interest in an intergenerational contact study. Undergraduate participants (N=150) completed baseline measures and indicated their interest in a 6-week study communicating with an older adult partner. Significant predictors of likelihood to participate included loneliness (p=.03) and social connectedness (p=.009).

6 Senior Living Residents' Personal Control, Community Involvement, and Community Belonging

Joseph Bihary, Mather Institute; Jennifer Smith, Mather Institute; Dugan O'Connor, Mather Institute; Ajla Basic, Mather Institute; Catherine O'Brien, Mather Institute; Janis Sayer, Mather Institute

A mediation analysis was proposed to demonstrate that older adults' involvement in activities within their senior living communities may be impacted by feelings of personal control, and that increased community involvement then leads to increased feelings of community belonging. Mediation effects were only marginally significant.

7 Preventing Falls among Older Adults in Rural Communities

Melissa O'Connor, North Dakota State University; Jane Strommen, North Dakota State University; Philip Estepp, North Dakota State University; Rachel Grace, North Dakota State University; Megan Hay, North Dakota State University; Heather Fuller, North Dakota State University; Sean Brotherson, North Dakota State University

The current study examined Stepping On, a workshop-based program for the

prevention of falls, among 508 older adults (ages 65-98) residing in rural communities in North Dakota. Participants indicated satisfaction with the program, gains in knowledge regarding fall prevention, and reduction in the incidence of falls.

8 Young Adults' Perceptions of Elder Adults

Emily Donar, Eastern Illinois University; Caridad Brito, Eastern Illinois University; Jacquelyn Frank, Eastern Illinois University; Dominique Brown, Eastern Illinois University

The purpose of this study was to examine how young adults' evoked memories of interactions with elderly individuals might be affected when prompted to provide positive, negative, or non-valanced memories. Negative perceptions may be driven by unfamiliarity as young adults generated positive memories of experiences with older adults when non-directed.

9 Face Recognition Training for Older Adults

Nia Gipson, University of Arkansas; James Lampinen, University of Arkansas

The current study captures whether older adults (OA) display the same improvements in face recognition as younger adults (YA), when trained on multiple images of several target identities. The results support past findings, by showing that OA had worse performance than YA and the training did not improve OA performance.

10 The Effects of Spacing on Memory Training in Older Adults

Anna Alvarado, University of Michigan; Tessa Abagis, University of Michigan; Michelle Evans, The University of Michigan-Dearborn; John Jonides, University of Michigan

Cognitive decline affects the majority of the population as they age, but cognitive interventions can help improve older adults' cognition and quality of life. Our study investigated working memory training in this population and found some cognitive improvements attributable to the intervention.

11 Inhibition Deficits in Healthy Older Adults

Brandon Brewster, Avila University; Marcia Pasqualini, Avila University; Laura Martin, University of Kansas Medical Center

We investigated the inhibition deficit hypothesis in 198 healthy older adults using the Color Stroop interference test. We found a significant correlation between age and Stroop interference, $r(196) = -.21$, $p = .003$, supporting the hypothesis, and suggesting that as people age they are less able to suppress irrelevant information.

12 Three-month-old Infants' Understanding of a Human Agent's Preference

yuejiao jiang, university of Missouri - Columbia; Yuyan Luo, University of Missouri - Columbia; You-Jung Choi, Harvard University

Many studies have showed that three-month-old infants have preferences when seeing agents' unvarying choices between equidistant two objects. In the present study, researchers explore whether the three-month infants would account both choice information and efforts into preference attribution by setting the objects at different distances from the agent.

13 Processing Speed and Psychopathology in a Transdiagnostic, Pediatric Sample

Eliza Kramer, University of Denver; Bonhwang Koo, Center for the Developing Brain; Anita Restrepo, Healthy Brain Network; Maki Koyama, Haskins Laboratories; Rebecca Neuhaus, Healthy Brain Network; Kenneth Pugh, Haskins Laboratories; Charissa Andreotti, Healthy Brain Network; Michael Milham, Center for the Developing Brain

The present study examined relationships between processing speed (PS), mental health disorders, and learning disorders in a large-scale, transdiagnostic community self-referred sample. High levels of comorbidity within these disorders can confound the establishment of specific relationships when not appropriately accounted for, as well as signal similarities in the underlying etiologies.

14 Children's Understanding of Ordinal, Spatial, Alphabet, and Color Labels in a Spatial Search Task

Rebecca Bove, Illinois State University; Alize DuBre-Schloz, Illinois State University; Lauren Fairweather, Illinois State University; Cody Heap, Illinois State University; Morgan Maydew, Illinois State University; Analeese Monla, Illinois State University; Krissy Okamura, Illinois State University; Michaela Pierson, illinois State University; Kristina Wiemer, Illinois State University; Alycia M Hund, Illinois State University

We tested 238 3-, 4-, and 5-year-old children using a spatial search task involving labels that varied by condition: ordinal (first-second-third), spatial (front-middle-back), alphabet (A-B-C), or color (red-green-yellow). Search performance improved from 3 to 4 years and from 4 to 5 years; however, searches did not vary based on condition.

15 Energy Drinks and Their Effect on Sleepines, Cognition, and Mood

Chrismaria William, Michigan State University; Trishul Kalapuram, Michigan State University; Nicholas Harb, Michigan State University; Ankita

Rao, Michigan State University; Kimberly Fenn, Michigan State University
We investigated how B-vitamins and caffeine affect behavior. Participants consumed a pill containing B-vitamins, caffeine, B-vitamins and caffeine, or placebo and completed various cognitive tasks. Caffeine affected sleepiness and positive affect, and there was an interaction between B-vitamins and caffeine on negative affect.

16 Accuracy of Rapid Music Judgments

Jennifer Winquist, Valparaiso University; Ben Hamilton, Valparaiso University; Nikki Michelin, Valparaiso University
The fact that music unfolds over time offers a unique opportunity to investigate the timing of aesthetic judgments. Previous research has shown that people can make accurate judgments of songs within 750ms. We replicated this finding and investigated the role of musical expertise on accuracy.

17 The Effects of Mind Wandering Probes on Mind Wandering

Maren Greve, Kent State University; Chris Was, Kent State University; R. Benjamin Hollis, Kent State University
This study investigated the use of probes in mind wandering research. Receiving a probe may cause participants to anticipate further probes and possibly mind wander about the probe itself. Results indicated an effect of the number of mind wandering probes and the degree to which participants mind wandered.

18 Learning Continuous Action-Effect Contengencies through Observation

J. Scott Jordan, Illinois State University; Yonca Cam, Illinois State University; Jasmine Mason, Illinois State University; Makayla Smullin, Illinois State University
Can response-effect mappings can be learned during continuous versus discrete control tasks, and can such mappings can be learned through observation versus actual control? Particpants either controlled stimulus movements or observed another do so. Results revealed such mappings can be learned for continuous tasks, but not through simple observation.

19 Metacognitive Control in Teachers

Anna Martin, Kent University; Jennifer Smith, Ohio State University
This study examines associations between major factors that may support or impede metacognition in teachers. Correlations were found between external thoughts and stress (r=0.382), vital engagement and stress (r=-0.286), and

level of education and stress (r=-0.336). An ANOVA indicated that stress has a significant effect on external thoughts (p<.05).

20 Multiple Estimator Variables Negatively Affect the Confidence-Accuracy Relationship

Amber Giacona, University of Arkansas; James Lampinen, University of Arkansas; Chase Siner, University of Arkansas

Research shows that high confidence identifications are reliable, even when witnessing conditions are poor (Wixted & Wells, 2017); however, conditions are usually poor in multiple ways in real-world contexts. This study illustrated that for high confidence identifications, witnesses with good views were more accurate than individuals with a poor view.

21 Neural Network Modularity in Creativity

Dan R. Johnson, Washington & Lee University; Jenny Graham, Washington and Lee University

A corpus-based approach to assessing modularity revealed that when asked to be creative, individuals reduce the modularity of their semantic networks to promote remote associations, thereby increasing the novelty of their responses.

22 A Contemporary Examination of the Hot Hand Effect

H. David Smith, Northwestern University; Matthew Bolanos, Northwestern University

This paper takes a more contemporary look at the hot hand effect in which observers perceive streaks where there are none. Consistent with the original paper (Gilovich, Vallone & Tversky, 1985), and many anecdotal observations, our examination of more recent data from top NBA shooters did not demonstrate this effect.

23 Re-examining Factors That Affect Working Memory for Spoken Discourse

Anh Nguyen, University of Missouri; Nelson Cowan, University of Missouri

This study explored working memory for connected discourse. Participants heard short passages of English prose and immediately tried to recall the final portion of the speech verbatim. Various effects of syntactic structure were found, supporting the rapid decline of verbatim memory while challenging the common view of stable gist memory.

24 Automatic Activation of Object Labels Occurs Regardless of Memory Demands

Sarah Chabal, Northwestern University; Matias Fernandez-Duque, Northwestern University; Sayuri Hayakawa, Northwestern University; Viorica Marian, Northwestern University

We explored the boundaries of automatic linguistic activation by manipulating memory task demands. Participants completing a non-linguistic visual-search task experienced interference from phonologically-similar competitor items. Critically, competition emerged even without the need to encode target items into memory, providing strong evidence for the automaticity of linguistic activation.

25 A tDCS Investigation of Embodied Simulation in Metaphor Processing

Felix Pambuccian, University of Illinois at Chicago; Gary Raney, University of Illinois Chicago

We assessed the impact of inhibiting motor cortex activity via transcranial direct current stimulation (tDCS) on processing of literal and figurative meanings of motor action words (e.g. grasp). Neurostimulation slowed processing of both meanings. This suggests that embodied motor simulation facilitates processing of both literal and figurative uses of action words.

26 Cellphone Notifications Disproportionally Disrupt Word Memory in Frequent Texters.

Constance Schmidt, Middle Tennessee State University; Stephen R. Schmidt, Middle Tennessee State University

Students studied categorized lists under three levels of distraction from cellphone notifications. Participants recalled more words and categories when no cellphone notifications appeared than when they dismissed or read the notifications. Frequent texters were more distracted by the notifications than infrequent texters, however they did not remember them better.

27 Memory for Prosocial Behaviors in Behavior Recognition and Impression Formation

Pauline Urban Levy, University of Illinois at Chicago; Andrea Frankenstein, University of Illinois at Chicago; Allison Sklenar, University of Illinois at Chicago; Matthew McCurdy, University of Illinois at Chicago; Eric Leshikar, University of Illinois at Chicago

The current study explored the ways memories for prosocial behaviors are stored and recalled. The study shows evidence of a memory advantage for prosocial behaviors when compared to neutral behaviors in both memory for

specific behaviors as well as memory for impressions formed of social targets.

28 Using Values to Control Learning and Forgetting in Associative Recognition

Yi-Pei Lo, University of Illinois at Urbana-Champaign; Lili Sahakyan, University of Illinois

A series of experiments examined effects of value manipulation on associative recognition using item-method directed forgetting paradigm. Participants studied object-scene pairs assigned with three value types: negative, zero (baseline), and positive. We assessed memory in comparison with the baseline. Implications for mechanisms of memory regulation and intentional forgetting are discussed.

29 Can Intentional Forgetting Reduce the Cross-Race Effect in Memory?

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

The goal of the study was to investigate directed forgetting (DF) of same-race or other-race faces to assess if DF could affect the magnitude of the cross-race effect (CRE). Long, medium, and short lists containing a mixture of Caucasian and Asian faces were cued with Remember and Forget instruction.

30 Implementation Intentions Were Ineffective at Reducing Prospective Memory Commission Errors

Angel Munoz Gomez Andrade, Earlham College; Sean McCrea, University of Wyoming; Jacob Robbins, University of Wyoming; Laramie Valle, University of Wyoming; Gary Goll, University of Wyoming; Fernando Munoz Gomez Andrade, University of Central Missouri; Elizabeth Hutchinson, University of Wyoming

After performing a habitual prospective memory (ProM) task, participants were asked to withhold ProM responses (under load). The experimental group formed an implementation intention to withold habitual ProM responses. Along with recent studies, no significant differences between the experimental and control groups were found. Commission errors are resistant to correction.

31 Validation of Emotionally Driven Variations of the N-Back Task

Joshua Grzywana, Ball State University; Tayla Lee, Ball State University; Stephanie L. Simon-Dack, Ball State University; Anjolii Diaz, Ball State University; Holmes Finch, Ball State University

Many modern approaches to psychopathology are rooted in a link between cognitive and emotional mechanisms, indicating a need for validated measures of verbal and visuospatial working memory in emotional contexts. The current study provides preliminary evidence supporting the convergent and discriminant validity of scores on two new emotion-based *n*-back tasks.

32 Perceived Imagery Ability and Emotional Judgments of Text-driven Scripts

Nicholas Best, Murray State University; David Herring, Murray State University; Tristen Brown, Murray State University; Xavier Brown, Murray State University; Casey Brugh, Murray State University; Sinclair Ferguson, Murray State University

The aim of this study was to extend the emotional imagery literature by developing a large stimulus set diverse in emotional content. Imagery scripts were drafted, covering a range of pleasant, unpleasant, and neutral topics and pleasantness and arousal ratings were obtained. We plan to continue expanding the stimuli set.

33 The Role of Experience in Auditory and Visual Memory

Maritza Esqueda-Medina, University of Wisconsin-Parkside; Autumn Depaoli, University of Wisconsin-Parkside; Melissa Gregg, University of Wisconsin Parkside

Research has shown that visual memory for pictures is inferior to auditory memory for sounds. To test whether this superior memory for pictures is due to the larger amount of exposure and attentinve processing to visual objects, we compared auditory memory of blind individuals to visual and auditory memory of sighted individuals.

34 Does Evaluating Mistaken Beliefs Prior to Retraction Influence Correction?

Jaruda Ithisuphalap, Kent State University; Liza Kiefer, Kent State University; Jacob Montgomery, Kent State University; Maria Zaragoza, Kent State University

In a prior study we found that evaluating the strength of one's belief in a mistaken news report facilitated knowledge revision following a correction. This study assessed whether other kinds of evaluation – such as reflecting on how incriminating the story is – might also increase the efficacy of corrections.

35 Are you a multitasker? A trait approach to polychronicity

Crina Silasi-Mansat, Stephens College; Kaite Ritchie, Stephens College

Th The current study tests the trait view of polychronicity. Correlational analyses showed a significant positive relationship between three non-work related measures of polychronicity, but no significant correlation between work and non-work related measures of polychronicity. Overall, results suggest the need for a revision of the trait view of polychronicity.

36 Comparing pre-service and in-service teachers' beliefs in common misconceptions

Grace Murray, Kent State University; Bradley Morris, Kent State University
Misconceptions about the brain, its applications to learning are pervasive in education. This study investigates pre-service teachers' belief in common misconceptions (e.g., learning styles) and compares it to in-service teachers' beliefs from extant literature. Results suggest pre-service teachers endorsed more misconceptions than in-service teachers, suggesting experience may decrease misconception belief.

37 In-Class Testing Facilitates Transfer of Learning

Tyler Miller, South Dakota State University; Natcha Srimaneerungroj, University of Michigan - Medicine
The purpose of the following studies was to examine the effect of a classroom testing procedure on high and low performing students's exam performance and their transfer of learning. Results revealed significant improvement for tested items and transfer of learning for all students regardless of their performance level.

38 A Novel Pattering Assessment and Its Associations with Numeracy Knowledge

Nicholas Vest, University of Wisconsin-Madison; Emily Fyfe, Indiana University
In a sample of 4 to 6-year-olds, patterning skills predicted conceptual number knowledge and fluency with math facts, even after accounting for differences in age and working memory. Consistent with prior literature, results suggest that patterning relates to mathematics knowledge. However, the way in which patterning is measured may matter.

39 Gestured Math Instruction Enhances Learning for Public School Children

Alyssa Mogil, Northeastern Illinois University; Theodora Koumoutsakis, Northeastern Illinois University; Yeo Eun (Grace) Yun, Northeastern Illinois University; Christian Palaguachi, Northeastern Illinois University; Suleima Tank, Northeastern Illinois University; Steven Montalvo, Northeastern

Illinois University; Saba Ayman-Nolley, Northeastern Illinois University; Ruth Church, Northeastern Illinois University

Children (ages 7-9) from private and public schools in the Chicagoland area participated in a pretest-instruction-posttest experiment to teach pre-algebra math problems. We found that students who attend private schools learned more than students who attend public school, and that gesture mediates compromised public school learning.

40 Sluggish Cognitive Tempo as a Predictor of Executive Dysfunction

Danielle Beyer, University of North Dakota; Teagan Anderson, University of North Dakota; Nicole Sinclair, University of North Dakota; Landon Wellendorf, University of North Dakota; Thomas Petros, University of North Dakota

Inattention, hyperactivity, and impulsivity along with sluggish cognitive tempo are prominent dimensions of ADHD. The present study examined the relationship between symptoms of inattention, hyperactivity, impulsivity and sluggish cognitive tempo on laboratory measures of executive functions in adults. The importance of SCT in adults with ADHD will be discussed.

41 Perfectionism Associated with Deficits in Flexibility and Maladaptive Emotion Regulation

Niki Hayatbini, Miami University; Katherine Knauft, Miami University of Ohio; Vrinda Kalia, Miami University

A study was conducted to examine the relationship between perfectionism, cognitive flexibility, and emotion regulation. Participants (N = 486) completed three questionnaires assessing the relevant variables via MTurk. Bivariate correlations and regression analysis indicated that perfectionism and reduced cognitive flexibility were associated with expressive suppression, a maladaptive emotion regulation strategy.

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.

AD:
Adler University

Empower Others Through Psychology

Various fields within psychology are quickly growing and call for dedicated professionals ready to make a difference in the lives of others. Prepare for these opportunities and advance your career with a master's degree in psychology from APU.

Choose the program that aligns with your passions and interests:

M.S. in Child Life

M.S. in Counseling Psychology with Specialization in Children and Adolescents

M.S. in Research Psychology and Data Analysis

Visit our booth for more information.
apu.edu/bas/psychology

AZUSA PACIFIC
UNIVERSITY
God First Since 1899

AD:
American Foundation of Suicide Prevention

Violence and Aggression

Fri 8:30AM - 10:20AM   Salon 03
Moderator: Anna Pope, University of Kansas

8:30 Reactivity to community violence exposure: Rethinking desensitization in youth of color in urban communities
Noni K. Gaylord-Harden, Loyola University Chicago
The purpose of the talk will be to discuss models of reactivity to community violence exposure in youth of color from under-resourced, urban communities, understand how community violence exposure impacts desensitization and hypersensitization outcomes in youth, and outline how current research can inform intervention and treatment efforts with violence-exposed youth.

9:00 Predicting recidivism among psychopathic individuals with sexual offense histories
Pauline Leung, Queen's University; Jan Looman, Forensic Behaviour Services; Jeffrey Abracen, Correctional Service of Canada
Although psychopathy typically indicates a high risk of recidivism, we found that a substantial proportion of psychopathic individuals with sexual offense histories did not reoffend over a span of seven years. The recidivists could be differentiated from non-recidivists with regard to age, historical factors (i.e., criminal history), and martial status.

9:15 Gruesomeness Conveys Formidability
Coltan Scrivner, The University of Chicago; Colin Holbrook, University of California, Merced; Daniel Fessler, University of California, Los Angeles; Dario Maestripieri, University of Chicago

We tested the informational ramifications of gruesome acts using two vignette studies depicting individuals who either did or did not grievously damage the corpse of a deceased foe. As predicted by the Formidability Representation Hypothesis, gruesome actors were envisioned as larger, stronger, and more lkely to win agonistic conflicts.

9:30 Beyond physical pain: Acetaminophen increases aggressive behavior
Haemi Nam, The Ohio State University; Mischkowski Dominik, Ohio University; Baldwin M. Way, The Ohio State University
Previous work demonstrated acetaminophen affects more than physical pain and affects social processes as well. We examined whether or not acetaminophen increases aggressive behavior. According to a meta-analysis of five experimental studies, acetaminophen significantly increased aggression on the Competitive Reaction Time Task.

9:45 Sleep, Anger, & Aggression
Anthony Miller, Iowa State University; Zlatan Krizan, Iowa State University
This experiment with 177 participants examined whether at-home sleep restriction amplifies aggression on the Competitive Reaction Time task. Those who slept around four hours less than usual were slightly more aggressive than those who maintained their sleep schedule, and showed substantially more anger.

10:00 Replications of the 'Voodoo' doll Paradigm to Study Aggression
Madalynn McKenzie, Southern Illinois University Edwardsville; Jocelyn Rahim, Southern Illinois University Edwardsville; Stephanie Olivares, Southern Illinois University Edwardsville; Janvi Patel, Southern Illinois University Edwardsville; Nicole Strubinger, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville
We examined using a 'voodoo' doll to study aggression through replications of DeWall et al.,'s (2013validation of using a 'voodoo' doll to measure aggression. The 'voodoo' doll paradigm was tested with both an exact and a conceptual replication. Results support the continued use of the methodology for inferring aggression.

Groups and Intergroup Relations

Fri 8:30AM - 10:20AM   Chicago
Moderator: David Lambert, Edgewood College

8:30 Motivated Information Processing and Advice Taking in Groups
Young-Jae Yoon, Loyola University Chicago; Hea-Kyung Ro, Sookmyung
Women's University; James Larson, Loyola University Chicago; Yewon Son,
Sookmyung Women's University; Yein Yeo, Sookmyung Women's
University
We conducted two studies (one correlation and one experimental studies) to
examine how epistemic motivation influences advice seeking in
groups. Across the studies, we found that groups with high levels of
epistemic motivation are more willing to seek advice than those with low
levels of epistemic motivation. Implications and future directions were
discussed.

**8:45 Does Identification Reduce Uncertainty-Activated Aversive
Arousal?**
Joshua Brown, Texas Tech University; Zachary Hohman, Texas Tech
University; Elizabeth Niedbala, Texas Tech University; Alec Stinnet, Texas
Tech University
We explored physiological effects of uncertainty. Participants were randomly
assigned to high/low uncertainty and high/ low entitativity manipulations in a
mixed methods design. High uncertainty participants exposed to the high
entitativity manipulation showed a significantly pronounced decline in
arousal relative to high uncertainty participants exposed to the low entitativity
manipulation.

**9:00 African Americans' Negative Reactions toward Ingroup Résumé
Whiteners**
M. Fazuan Abdul Karim, Indiana University - Purdue University
Indianapolis; Leslie Ashburn-Nardo, Indiana University-Purdue University
Indianapolis
Although it may be advantageous in terms of employment for Blacks to
whiten their résumés, the current study presents a case demonstrating that
Black résumé whiteners have to pay social and interpersonal penalty for
downplaying their racial identity on their résumés especially, when being
evaluated by highly identified ingroup members.

9:15 Social Identity-Based Mnemic Neglect: Threats to National Identity
Bettina Zengel, University of Essex; John J. Skowronski, Northern Illinois
University; Tim Wildschut, University of Southampton; Constantine
Sedikides, University of Southampton
The mnemic neglect effect demonstrates that self-protection can influence
memory. Self-threatening information is remembered less than information

pertaining to someone else or non-threatening (positive) information. Our study extends this effect to social identity. In two studies national identity-threatening information (for American and British participants) is also remembered less.

9:30 Self-Enhancement Motives Affect Perceptions of Racism
Zachary Roth, Ohio University; Kimberly Rios, Ohio University; Mark Alicke, Ohio University
Self-enhancement needs may influence perceptions of racism in others. Studies 1 and 2 demonstrate that participants who believe they are similar to a high prejudice other perceive that target as less racist. In Study 3 participants given ambiguous feedback about their bias exaggerate the racism of a high prejudice other.

9:45 Obese Targets are De-mentalized as Lacking in Mental Agency
Mattea Sim, Indiana University; Steven Almaraz, Miami University; Kurt Hugenberg, Indiana University
Across 3 studies, we find that obese targets are dementalized as lacking mental agency (e.g., memory), but not experience (e.g., emotion). Consequentially, obese targets are rated as less suited to agentic (e.g., investor), but not experiential roles (e.g., scent tester). Both disgust and perceived physical incapacity contributed to this de-mentalization.

Family Relationships

Fri 8:30AM - 10:20AM   Salon 06/07
Moderator: Virgil L. Sheets, Indiana State University

8:30 Family relationships: Links with well-being
Jeewon Oh, Michigan State University; Amy Nuttall, Michigan State University; William Chopik, Michigan State University; HanNa Lee, Loyola University Chicao
We examined how family relationships vary across contexts. Outcomes of parentification were largely invariant across racial/ethnic groups. Obligations was linked with outcomes via affect but sometimes differed by attachment orientations. We propose examining the role of culture as a next step.

8:45 Mothers' Attachment for Autonomic Physiological Responding during Interactions with Infants
Nanxi Xu; Ashley Groh, University of Missouri - Columbia

This study examined links between mothers' attachment representations and their RSA responding when interacting with their infant in the Still-Face Procedure (SFP). Mothers higher on attachment security exhibited flexible shifts in RSA while interacting with their infants tied to the demands of the caregiving context, which might support caregiving behavior.

9:00 Inequitable Custody Determinations: The Impact on Fathers

Ryan Hjelle, University of Minnesota Duluth; Jessica Bratsch, University of Minnesota Duluth

This study assessed the relationship between child custody determinations, psychosocial health and substance use/abuse outcomes in fathers. The results of 1248 men are discussed and suggest minimal custody is associated with the greatest adverse health outcomes. Accusations of abuse, neglect, and/or harassment were not significantly different between custody determinations.

9:15 Pathways to Revictimization: Childhood Abuse and Early Substance Use Initiation

Evan Basting, Cleveland State University; Nicole Wolf, Cleveland State University; Elizabeth Goncy, Cleveland State University; THRiVE Collaborative, Cleveland State University

Experiencing childhood physical, emotional, and sexual abuse is related to later negative outcomes, including early substance use initiation (SUI) and revictimization. This study examines the relationships between forms of childhood abuse and types of early SUI in relation to later dating victimization. Results and implications will be discussed.

9:30 Stigma Experienced by Parents of Children with Mental Health Challenges

Marisa Serchuk, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology

Research is limited regarding the stigma experienced by parents of children with mental health challenges. The present study examines types of stigma as it relates to parents emotionally (e.g., depression, quality of life) and behaviorally (e.g., help-seeking behaviors, disclosure). Implications to inform targeted anti-stigma interventions are discussed.

9:45 Familism and Parenting in Mexican Families: Impact on Child Symptoms

Yvita Bustos, Catherine Santiago, Loyola University Chicago

This study utilized longitudinal, observational methodology to examine associations between familism, parenting behaviors, family cohesion and

child internalizing symptoms among Mexican immigrant families. Results indicated that familism predicted family cohesion and parental warmth, warmth and support predicted less child symptoms, and warmth mediated the association between familism and child depression.

10:00 Worried about your children? Parent-rater bias on children's internalizing behaviors
Emily Pali; Matt Jamnik, Lisabeth F. DiLalla, Southern Illinois University, Carbondale
The link between parent personality and parent reporter bias of child internalizing problems was examined. Low emotional stability in mothers predicted parent rater bias. This was mediated by family conflict, SES, and household life stressors. Thus, family-level factors may play a more important role than parent personality in parent-rater bias.

Cognition - Reasoning and Problem-Solving

Fri 8:30AM - 10:20AM   Salon 12
Moderator: Jordan R. Wagge, Avila University

9:00 Gratitude Letter Does Not Affect the Processing of Semantic Information
Bryant Stone, Southern Illinois University; Kathleen Schmidt, Southern Illinois University Carbondale
Previous research suggests that cognitive changes contribute to the positive outcomes of Positive Psychological Interventions (PPIs). Specifically, the gratitude letter PPI may affect semantic information processing and memory. Across three cognitive tasks, we found no evidence that the gratitude letter affects memory for or processing of negative and positive information.

9:15 What best predicts differences in Bayesian reasoning ability?
Gary Brase, Kansas State University
Alternative theories make contrasting predictions about which individual differences should differentially predict Bayesian reasoning performance. Across three experiments, numeracy and visuospatial ability consistently subsumed other predictors (nested sets thinking, thinking styles, working memory ability) of performance. This supports an ecological rationality view and points to skills important for statistical reasoning.

9:30 Effective Strategies – When Do They Fail?
Destiny Bell, Kansas State University; Marissa Muto, Kansas State
University; Emily Augustine, Kansas State University; Sydnee Pachek,
Kansas State University; Heather Bailey, Kansas State University
People shift strategies on the Raven's Advanced Progressive Matrix. The
current study evaluated why this occurs. Participants reported strategies used
and the perceived difficulty of each problem. We found the efficacy of a
strategy depends on perceived difficulty. Thus, so-called "effective"
strategies may not be optimal on all trials.

9:45 Encoding of Geometry in Auditory-Guided Spatial Reorientation
Dan Nardi, Ball State University; Samantha Carpenter, Ball State University;
Somer Johnson, Ball State University
Studies on spatial reorientation with visual information indicate that animals
incidentally encode the geometric shape of the environment. This is the first
evidence of an analogous phenomenon with auditory cues and, consistent
with the theory of functional equivalence, it supports the generalization of
mechanisms of spatial learning across encoding modalities.

Invited Workshops

Advancing Psychology Through Advocacy
Patricia Kobor, American Psychological Association

Fri. 9:00AM – 10:20AM   Wilson

More than ever, psychologists need to advocate for their patients, for their discipline, and for society at large. Advocacy is one of the most important functions of any membership organization. This one-hour workshop will provide an opportunity for participants to learn how psychology intersects with federal and state policymaking and the important role that psychologists and psychology students play in educating and influencing policymakers on a range of policy issues.

Seasoned advocacy leaders from the American Psychological Association (APA) will provide an overview of APA's 2020 advocacy priorities, an introduction to the federal and state legislative process, and how to effectively deliver advocacy communications to policymakers and their staff. Workshop participants will also learn how to join APA's national advocacy network.

INVITED SYMPOSIUM

Teaching in the Behavioral Sciences with Activities and Laboratory Experiments

Fri 8:30AM - 10:20AM   Salon 10

Moderator: Beth Ann Rice, Slippery Rock University

This symposium covers activities, and laboratory experiments that can be utilized in the behavioral science classroom. These experiments increase student motivation, engagement, learning, and success by facilitating independent, critical, and creative thinking. In this symposium activities and laboratory experiments explored will include examples ranging from Psychopathology, Pupillometry and Behavioral Neuroscience.

Chaos in the hospital! Psychopathology lab for biological psychology
Christina M. Ragan

The behaving zebrafish as a model for teaching about neuroscience and behavior
Andrew B. Hawkey

Pupillometry in the classroom using a free app
Robert M. Hallock

It's not rocket science: Breaking down complex material through memorable activities
Karin E. Gill

INVITED SYMPOSIUM

Influences on Disordered Eating Attitudes and Behaviors

Fri 8:30AM - 10:20AM   Salon 01

Clinical eating disorders exist on a continuum with disordered eating attitudes and behaviors that commonly occur in community samples. Given the multi-factorial etiology of eating pathology, we will explore the influence of several key factors, including social influences, food availability, and individual factors (e.g., motivations) on eating attitudes and behaviors in community samples.

Peer and family influence on disordered eating behaviors
Marie Nebel-Schwalm

Exploring the influence of food insecurity on family food environment and parent feeding style
Shannon M. O'Connor

Attitudinal and motivational factors in healthy vs. unhealthy eating among college students
Suejung Han

Fri 10:00AM - 12:20PM   Salon 10
Moderator: Douglas Wallace, Northern Illinois University

10:00 Neural selectivity and memory performance in young and older adults

Joshua Koen, University of Notre Dame

Age-related reductions in neural selectivity (i.e., neural dedifferentiation) is thought to play a critical role in cognitive aging. I will describe data from two experiments showing that age is associated with neural dedifferentiation, and that neural dedifferentiation is associated with poor cognitive performance in both young adult older adults.

10:30 Phonological Working Memory is Bilateral: Behavioral and Electrophysiological Evidence

Blaine Tomkins, DePaul University

Participants completed a divided-visual field, rhyme probe task for word-word pairs at short, medium, and long SOA. A LH advantage occurred at early SOA. ERP waveforms were larger in the RH on rhyming trials, with no difference in the LH across conditions. Results suggest both hemispheres support phonological working memory.

10:45 Wandering but not lost: Disrupted dark exploration in AD mice

Ashley Blackwell, Northern Illinois University; Fran Jodelka, Rosalind Franklin University of Medicine & Science; Rami Lake, Northern Illinois University; Michelle Hastings, Northern Illinois University; Douglas Wallace, Northern Illinois University

Wandering and becoming lost is observed in 60% of Alzheimer's disease (AD) patients. The current study examined dark exploratory behavior in an AD genetic mouse model. This work establishes a sensitive behavioral tool to characterize spatial orientation deficits and may accelerate the assessment of novel therapeutic interventions for neurological disorders.

11:00 Navigating rat sexual dimorphisms: Similar exploratory behavior between sexes.

Jenna Osterlund, Northern Illinois University; Ashley Blackwell, Northern Illinois University; Megan Lipton, Northern Illinois University; Natalie

Adamczyk, Northern Illinois University; Katie Cuthbert, Northern Illinois University; Rami Lake, Northern Illinois University; Douglas Wallace, Northern Illinois University
Sexual dimorphisms are evident in environmental cue tasks of spatial orientation; however, little work has investigated these differences in self-movement cue tasks. The current study evaluated female and male rat exploratory behavior under dark conditions. Understanding sexual dimorphisms in spatial orientation may facilitate early detection of neurodegenerative diseases.

11:15 Stress, Social Interaction, and Hormonal Reactivity in Men and Women
Nora Nickels, Carthage College; Dario Maestripieri, University of Chicago
We examined the effects of stress on hormonal responses to a social interaction with an opposite sex confederate, with measurements of cortisol and testosterone. Results suggest that stress was related to a subdued testosterone and cortisol increase that was otherwise seen in control males and females who were single.

11:30 Acetaminophen decreases positive empathy
Mischkowski Dominik, Ohio University; Jennifer Crocker, Ohio State University, Columbus; Baldwin M. Way, The Ohio State University
The popular painkiller acetaminophen reduces positive affectivity and empathy for pain, suggesting that acetaminophen may also reduce empathy for pleasure. In one study, acetaminophen reduced empathic affect but not empathic perceptions when reading about other people's good fortunes. This finding suggests that acetaminophen has broader social side-effects than previously assumed.

11:45 The Neural Representation of Taste and Health
Allison Londeree, The Ohio State University; Dylan Wagner, The Ohio State University
We used functional neuroimaging to examine how the brain's reward structures encode food tastiness and healthiness. Results showed that the orbitofrontal cortex spontaneously encodes both food taste and health when viewing food images. Moreover, higher tastiness was found to be associated with more distinct neural and cognitive representations of food.

12:00 Dopaminergic Neuronal Subpopulations Contributions to Aversion-Resistant Alcohol Intake
Elizabeth Sneddon-Yepez, Miami University; Kristen Schuh, Miami

University; Anna Radke, Miami University
Drinking that persists despite negative consequences is a marker of alcohol use disorder, which affects about 16 million people in the United States. Dopamine binds to two subpopulations of receptors, dopamine 1 and dopamine 2 receptors. We investigated how the inhibition of D1 and D2 receptor-expressing neurons alters aversion-resistant intake.

Dark Personality

Fri 10:30AM - 12:20PM   Salon 03
Moderator: Russell Webster, Penn State Abington College

10:30 Narcissism and social worldview: Seeing the world through the eyes of Narcissus
Virgil Zeigler-Hill, Oakland University
This presentation will discuss recent studies that have examined the connections between narcissism and social worldviews. These studies suggest that perceiving the world as a highly competitive place may play an important role in the connections that narcissism has with a range of outcomes including motivation, ideological attitudes, and prejudice.

11:00 Aspects of Narcissism and Contingent Self-Esteem
Jennifer Vrabel, Oakland University; David Bright, Oakland University; Virgil Zeigler-Hill, Oakland University
The purpose of the present study was to investigate the connections that the assertive/extraverted, antagonistic/disagreeable, and vulnerable/neurotic aspects of narcissism had with contingent self-esteem. The results revealed that there were both similarities and important differences in the associations that these aspects of narcissism had with domain-specific contingencies of self-worth.

11:15 Relationship Between Dark Triad Traits and Moral Judgment
Gabrielle Bianco, Andrews University; Herbert W. Helm Jr., Andrews University; Karl Bailey, Andrews University
A replication of Arvan's (2013) study was done to look at Dark Triad traits and moral issues. A high level of agreement was found between the two studies suggesting those who score higher on Dark Triad traits will have more conservative judgements on some moral issues.

11:30 Pun-intentionally Sadistic? Puns as an Expression of Everyday Sadism
Cody Gibson, Northern Illinois University; Brad Sagarin, Northern Illinois University
Pun-intentionally sadistic? Did you roll your eyes or groan? The present research suggests that, while pun-makers seek groans, punning is not motivated by sadism. Instead, groaning seems to be a socially expected response to the most enjoyed type of joke.

11:45 Noticing Negativity: Examining Experiential Avoidance and Mood-Relevant Thinking
Rachael Quickert, Queen's University; Thomas Vaughan-Johnston, Queen's University; Tara MacDonald, Queen's University
Experiential avoidance (EA) represents a discomfort and avoidance of one's own thoughts and feelings. In three experiments we examined EA's prediction of reactions to a negative mood induction procedure. EA was related to selective endorsement of negative statements. This process was most prominent under conditions of high elaboration.

12:00 The Narcissistic Experience of Friendship
Destaney Sauls, Oakland University; Virgil Zeigler-Hill, Oakland University
Three studies found that both narcissistic admiration and narcissistic rivalry were strongly associated with the agentic orientation toward friendship, whereas only narcissistic rivalry was negatively associated with the communal orientation toward friendship. These orientations mediated the associations that narcissistic admiration and narcissistic rivalry had with friendship outcomes (e.g., commitment, satisfaction).

Ostracism and Social Rejection II

Fri 10:30AM - 12:20PM   Chicago
Moderator: Natalie L Dove, Eastern Michigan University

10:30 Ostracized versus out of the loop: Integrating two forms of exclusion to examine new research questions
Eric Jones, Grand Valley State University
Being ostracized and being out of the loop are two modes of exclusion. This presentation will contrast findings from the two literatures, as well as describe new research that compares the two types of exclusion directly. Suggestions for future research that incorporate both forms of exclusion will be discussed.

11:00 Investigating Ostracism and Racial Microaggressions toward Afro-Brazilians

Eros DeSouza, Illinois State University; Eric Wesselmann, Illinois State University; Leonidas Taschetto, Universidade La Salle (UNILASALLE); Gabriel Rosa, Universidade La Salle; Carla Rosa, Faculdade Santa Marcelina; Maria-Angela Yunes, Universidade Salgado de Oliveira (UNIVERSO); Gilberto Ferreira, Univerdidade La Salle; Grazielli Fernandes, Universidade La Salle

We examined social exclusion against Afro-Brazilians. Study 1 ($N = 29$) showed that participants reported feeling ostracized because of their race. Study 2a-b ($Ns = 6$ & 8) included two focus groups in different Brazilian regions, revealing convergence between the experiences of persons of color both in U.S. and Brazil.

11:15 The Effects of Being Overincluded Because of One's Gender

Megan McCarty, Simmons University; Nicole Iannone, Radford University; Janice R. Kelly, Purdue University

Participants were included, excluded, or overincluded and given reason to believe this treatment was due to their gender or not. Overincluded participants felt more positively than included and excluded participants. However, overinclusion that was attributable to one's gender was not similarly positive, suggesting not all inclusion experiences are equally beneficial.

11:30 How does the number of ostracizers affect the impact of ostracism?

Maayan Dvir, The Max Stern Yezreel Valley College

Ostracism hurts, but does it hurt more when more people ostracize you? In a set of studies utilizing a multi-method approach, I examined how people expect that the number of ostracizers would affect their reaction to ostracism, and how the number of ostracizers affect people's experience in actuality.

Persuasion

Fri 10:30AM - 12:20PM　　　　　　　　　　　　　　Salon 05/08
Moderator: Allison Earl, University of Illinois

10:30 Thought Validation and Attitude Change Related to Doping in Sports

Joshua Guyer, Universidad Autónoma de Madrid; Javier Horcajo, Universidad Autonoma de Madrid; David Santos, Universidad Autónoma de Madrid; Rafael Mateos Barrado, Universidad Autonoma de Madrid

Most interventions designed to promote negative attitudes towards doping in sports have relied on primary cognition processes. The present research explores a meta-cognitive (i.e., secondary cognition) approach to doping-related attitude change. We found that when thought validity was high (vs. low), message-related thoughts had a greater subsequent impact on attitudes.

10:45 Experimental manipulation of hunger relates to persuasion by hunger-relevant source.
Alison Young, Houghton College; Nicholas Kerry, Tulane University
Participants ($n = 352$) were randomly assigned to a high or low-hunger condition and read high- or low-quality arguments regarding a hunger charity. Regardless of argument quality, participants in the high-hunger condition had more positive attitudes toward the charity. Willingness to donate was not impacted by the manipulation.

11:00 Expertise and Trustworthiness in the Continued Influence Effect of Misinformation
Mark Susmann, The Ohio State University; Duane T. Wegener, The Ohio State University
Two studies manipulated retraction source credibility. Study 1 found parallel negative indirect effects of the manipulation on misinformation use through perceived expertise and trustworthiness. Study 2 manipulated retraction source credibility and vested interest and found the indirect effect through expertise was reduced when the retraction source had a vested interest.

11:15 Thought Liking: A Metacognitive Determinant of Attitudes
Ji Xia, University at Buffalo; Thomas Vaughan-Johnston, Queen's University; Jason Clark, Purdue University; Kenneth DeMarree, University at Buffalo, SUNY; Leandre Fabrigar, Queen's University
A wealth of previous research has identified how subjective confidence in one's thoughts can guide attitudes. The present research examines how thought liking, the extent to which people enjoy their thoughts — independent of thought confidence — can play a distinctive and crucial role in attitude formation and change.

11:30 Cognitive and Affective (mis)matching Effects in Persuasion
Bryan Buechner, University of Cincinnati; Joshua John Clarkson, University of Cincinnati; Zakary Tormala, Stanford University
Despite the wealth of research supporting matching—rather than mismatching—persuasive appeals to attitudinal bases, this work proposes the information value of mismatching is more persuasive in pro-attitudinal

contexts. Two experiments demonstrate this mismatching advantage in pro-attitudinal contexts and offer initial insight into the information acquisition hypothesis.

11:45 The Meta-Cognitive Role of Vocal Confidence in Persuasion
Joshua Guyer, Universidad Autónoma de Madrid; Pablo Brinol, Universidad Antonoma Madrid; Richard Petty, Ohio State University, Columbus; Leyna Vidal, Universidad Autonoma de Madrid
We tested whether manipulating the vocal pitch used by a message recipient to express thoughts would influence persuasion by affecting perceptions of thought confidence. As predicted, thought direction had a greater impact on attitudes when thoughts were expressed using low vs. high pitch. This relationship was mediated by thought confidence.

12:00 Vocal Confidence Can Increase Persuasion as an Argument
Thomas Vaughan-Johnston, Queen's University; Joshua Guyer, Universidad Autónoma de Madrid; Leandre Fabrigar, Queen's University; Pablo Brinol, Universidad Antonoma Madrid
We extend existing knowledge about persuasion by demonstrating that vocal confidence can serve as an argument when influencing persuasion. In two experiments conducted in Canada and Spain, we find that persuasion benefits of vocal confidence depend on whether a source's vocal confidence is relevant to a message's content.

Culture

Fri 10:30AM - 12:20PM   Wilson
Moderator: *TBD*

10:30 Cross-Cultural Differences in New vs. Used Products
Donald Gaffney, University of Cincinnati; Ruomeng Wu, Western Kentucky University; Meng Liu, University of Cincinnati; Frank Kardes, University of Cincinnati
This research investigates cross-cultural differences in choice and preference of new versus used products. We examine consumers' preferences for used and new products in different cultures. Regardless of demographics, Chinese prefer new to used products more than Americans, because Chinese feel more embarrassed by buying a used item.

10:45 Realities' impacting part-time, indigenous, graduate counselling students in Africa
Hildah Mokgolodi, University of Botswana; Chebangwe Pilane, University of Botswana
The study explored qualitatively diverse issues indigenous graduate counselling students, working full-time, and studying part-time, experience. Balancing cultural expectations as a husband, wife, son, mother, a teacher and counsellor trainee is enough to send one to a mental hospital. Instead of work-life balance, let us say work-school-culture balance.

11:00 Perceived Burdensomeness Influences Suicidal Ideation in Asian College Students
Jonathan Tsen, Illinois Institute of Technology; Brian Cerny, Illinois Institute of Technology; Beatrice Meda Gaurean, Illinois Institute of Technology; Sean Leahy, Illinois Institute of Technology; NamHee Kim, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology
Asian college students experience unique risks that contribute to suicidal ideation. This study explored how gender, international status, perceived burdensomeness and thwarted belongingness influence suicidal ideation. Only perceived burdensomeness was found to significantly influence suicidal ideation. Findings suggest interventions/preventions should tailor to the unique subjective burdensomeness within Asian students.

11:15 Male Student-athletes Aggression in Sports, Porn, and Sex behaviors
Cody Bergkamp, Lindenwood University- Belleville; Trisha Prunty, Lindenwood University - Belleville
The sexual behaviors, including preferred pornography and sexual positions, were compared with the violence/aggressiveness of sport played by male student-athletes. Significant correlation was found between greater sport aggressiveness and preference for sexual choking/hair pulling as well as greater concerns regarding a potential partner's sexual history with teammates.

11:30 Disease salience predicts anti-LGB sodomy laws
Angela Pirlott, Saint Xavier University; Hillary Aguilar-Ruano, Saint Xavier University; Katarina Schexnayder, Saint Xavier University
This research suggests that the salience of disease-avoidance goals, on the cultural-level, predicts the adoption of cultural behaviors to mitigate risk of disease transmission by actively discriminating against gay and bisexual men to thwart same-sex sexual behavior as mode of disease transmission.

Cognition: Attention

Fri 10:30AM - 12:20PM   **Salon 12**
Moderator: Brian Day, Butler University

10:30 Scan-paths of Mind-wandering during Real-world Scene Perception

Han Zhang, University of Michigan; Nicola Anderson, University of British Columbia; Kevin Miller, University of Michigan
In a scene perception task, we found that eye movements during mind-wandering were more repetitive (repeating previous locations) than during on-task episodes, suggesting that viewers must "refresh" object representations in visual working memory more often during MW. There were also fewer and loner fixations and more blink during MW than during on-task episodes.

10:45 Trial Level Flexibility in Use of Cognitive Control

Elizabeth Wiemers, Purdue University; Tom Redick, Purdue University
Proactive and reactive cognitive control were investigated with a new, more sensitive task. The response time results suggest that participants are sensitive to trial-level differences in cognitive control requirements and can titrate their use of proactive and reactive control appropriately. Thus, proactive and reactive control may be used simultaneously.

11:00 Costs of Phone Vibrations and Texting on a Reading Task

Kathryn O'Toole, North Park University; Marie Machek, North Park University
In an experimental lab task we manipulated distractibility to examine effects on quiz performance and completion time. Participants read while responding to incoming text messages or a hidden smartphone vibrated and then completed a quiz. Results revealed performance and time costs in both distraction conditions compared to the control condition.

11:15 Role of Attentional Disengagement on Social Anxiety and Stressor Rumination

Anna Olczyk, Cleveland State University; Aryn Giffi, Cleveland State University; Eric Allard, Cleveland State University
The present study examined attention disengagement from disgusted faces as a moderator of the relationship between anticipatory stress, SIAS, and PEP. While the full moderated-mediation model was non-significant, a conditional direct effect suggested that at low levels of attention disengagement from

disgusted faces, SAD symptomology predicted PEP through anticipatory stress.

11:30 Game of Loans
Sarah Elizabeth Wellard, DePaul University; Jessica M. Choplin, DePaul University
Looking at whether consumers value things differently based on the way that costs are written, we found that people will rate the same loan as more expensive if its fees are described in terms of APR rather than in dollar-terms.

Family Relationships and Health

Fri 10:30AM - 12:20PM   Salon 01
Moderator: Kerry Michael, University of Minnesota Morris

10:30 Psychological mechanisms underlying links between close relationships and physical health
Allison Farrell, Miami University
With growing interest in developing relationship interventions to improve physical health, it is critical that we understand the mechanisms explaining relationship-health links. This talk reviews several promising candidates for psychological mechanisms and argues for the use of new methodologies to better test whether these mechanisms are truly causal.

11:00 Parental and adolescent substance use: Moderating effects of sibling relationships
Sara N. Kurbyun, Illinois State University; Ashley Adams, Illinois State University; Daniela Pancrazio-Diez, Illinois State University; Alexis L. Parrish, Illinois State University; Laura Finan, Illinois State University; Christine Ohannessian, University of Connecticut
This study explored sibling relationship characteristics as moderators of the relationships between parent problem drinking and adolescents' substance use. Results showed drug use risk was greatest in families with high paternal problem drinking and hostile sibling relationships. Findings can be used to inform prevention efforts for adolescent substance use.

11:15 Anaphylaxis and Academics: The Psychology of Food-Allergic Post-Secondary Students
Derek Boswell, King's University College at Western University; Mike

Morrison, King's University College
Current literature suggests that food-allergic persons in prolonged/novel situations are likely to experience unique psychological risks. A correlational study of 215 food-allergic post-secondary students was conducted; significant relationships were found between the number of allergies, anxious arousal, and depression. Year of study had a signficant effect on ratings of allergy severity.

11:30 The mental and physical health consequences of spousal bereavement: Interpersonal risk and resilience factors
Angie LeRoy, Rice University
Drawing from both theoretical considerations and recent empirical findings, this talk will identify possible interpersonal risk and resilience factors, which may influence an individual's recovery after the loss of a spouse. Multiple mental and physical health outcomes will be discussed including, but not limited to, biomarkers of inflammation, self-reported grief, depression, and pain.

Invited Workshops

The research laboratory as a place for learning: Support for success of diverse students

Meghan Kahn
Indiana University-Southeast

Fri. 10:30AM – 12:20AM   Salon 2

The research laboratory provides a unique place for student learning and mentorship, as well as specific challenges for mentors. In this workshop, I will discuss opportunities that the laboratory provides for diverse student learning and success. I will also suggest ways to manage this mentorship along with other faculty responsibilities.

Symposium

Fandom: Fulfilling Psychological Needs and a Sense of Identity

Fri 10:30AM - 12:20PM   Salon 06/07

Many people consider themselves a 'fan' of something (e.g., music, film, sports), but what does this mean psychologically? Why do people invest time, emotional resources, and money to pursue fan interests? Whether one's fan interests are mainstream or fringe, they serve various functions for the individual (e.g., entertainment, sources of meaning, parasocial connections). However, fan interests serve more than just intrapersonal functions; these interests often draw like-minded individuals into communities, and sometimes facilitate inter-group rivalries, competitions, and even conflicts. For many people, their fan interests become a key part of their identity. This symposium provides four talks, each approaching the phenomenon of fandom from different theoretical and empirical angles.

Discussing One's Fan Interests Can Satisfy or Threaten Psychological Needs
ERIC D. WESSELMANN, Illinois State University

"Furotica" or "Fur" Fun: Is Sexuality Important in Furry Identity?
COURTNEY PLANTE, Bishop's University, STEPHEN REYSEN, Texas A&M University–Commerce, SHARON ROBERTS, Renison University College-University of Waterloo, KATHLEEN GERBASI, Niagara County Community College, KEVIN HSU, Pennsylvania State University

Online Science Fiction Fandom and Psychological Well-Being in Adult Women
CHRISHA ANDERSON, Project FanCare

Different Pathways through which Fandom Can Lead to Connection
SHIRA GABRIEL, University at Buffalo

Behavioral Neuroscience: Poster Session

Fri 10:30AM - 12:20PM Exhibit Hall

1 Role of the Hippocampus in Second-Order Fear Conditioning
Matthew Alwood, Western Illinois University; Matthew Blankenship,
Western Illinois University; Kyle Reterstoff, Western Illinois University
Hippocampal lesions have previously been associated with a decline in
performance on appetitive second-order conditioning (SOC) task. Here, we
demonstrate that hippocampal lesions do not significantly impair performance
in an aversive SOC task. The results are interpreted in terms of the overall
importance of hippocampal-amygdalar contributions to SOC.

2 Early Life Stress Effects on Adolescent Fear Learning and Expression
Brianna Minshall, Miami University; Shelby Lab, Miami University;
Madeline Booms, Miami University; Catherine Wasylyshyn, Miami
University; Collin Riddle, Miami University; Sarah Reitz, Miami University;
Elle Henley, Miami University; Ian Stuart, Miami University; Nicole
Kimberling, Miami University; Madelynne Hall, Miami University; Manuel
Acuna, Miami University; Jennifer Quinn, Miami University
Few studies have investigated the persistent impacts of acute early life stress
(aELS). We show that aELS-exposed rats acquire stress-enhanced fear
learning during adolescence, but cannot express it. By adulthood, expression
of this enhancement is possible. Future studies will need to address the
neurobiological mechanisms of this dissociation.

**3 The Neurophysiological Impact of Sleep and Alcohol on
Interhemispheric Transfer**
Karysa Britton, Ball State University; Joshua Grzywana, Ball State
University; Adrianna Caballero, Ball State University; Stephanie L. Simon-
Dack, Ball State University
Interhemispheric transfer (IHT) has a well-established link to general
cognitive functioning, while poor sleep quality and high alcohol consumption
are known to deplete cognitive resources. Results indicate that higher alcohol
consumption diminishes cognitive resources when transferring information
across hemispheres, which has strong implications for the academic
functioning of college students.

4 Contributions of Mesolimbic Dopamine System in Cognitive Flexibility

Sean Monroe, Miami University; Elizabeth Sneddon-Yepez, Miami University; Brandon Arnold, Miami University; Anna Radke, Miami University

Cognitive flexibility, the ability to adaptively change behavior in the face of changing circumstances, is disrupted in many psychopathologies. We investigated the role of the dopamine system in a mouse reversal learning paradigm and found that VTA dopaminergic projections to the NAc, but not mPFC, support reversal learning.

5 Stress-Induced Impairment of Extinction in Female but not Male Rats

Kaitlyn McMullen, Susquehanna University; James Briggs, Susquehanna University

Chronic and acute stress has been shown to impair extinction learning. Using a passive avoidance paradigm, we show that acute restraint stress effected extinction learning in female but not male rats. Discussion of the discrepancy in results is based on the two sexes experiencing similar stress and fear conditioning parameters.

6 Scopolamine/MK-801 and working memory performance under differential/nondifferential outcomes

John Holden, Winona State University; Amber Dixon, Winona State University; Whitney McShane, Ottawa University

Differential outcomes (DO; where unique reinforcers are presented after each S-R sequence) seems to be supported by different brain mechanisms than nondifferential outcomes (NDO). Previous work suggests that DO/NDO are differentially dependent on glutamate/acetylcholine activity. By testing working memory performance under scopolamine and MK-801, we found evidence supporting this thesis.

7 Contribution of NMDA Receptors to Risky Choice Involving Positive Punishment

Karson Evans, Northern Kentucky University; Alexis Ellis, Northern Kentucky University; Joy Kappesser, Northern Kentucky University; Tanner Sutphin, Northern Kentucky University; Kadyn Bowling, Northern Kentucky University; Prodiges Mbambu, Northern Kentucky University; Justin Yates, Northern Kentucky University

We examined the contribution of the NMDA receptor antagonists MK-801 (0-0.06 mg/kg) and Ro 63-1908 (0-1.0 mg/kg) to risky choice as measured in the risky decision task (RDT). MK-801 impaired rats' ability to discriminate

the large and small magnitude reinforcers. Ro 63-1908 did not alter performance in the RDT.

8 Using a Controlled Reinforcer Ratio Schedule to Measure Risky Choice
Joy Kappesser, Northern Kentucky University; Alexis Ellis, Northern Kentucky University; Karson Evans, Northern Kentucky University; Tanner Sutphin, Northern Kentucky University; Kadyn Bowling, Northern Kentucky University; Prodiges Mbambu, Northern Kentucky University; Justin Yates, Northern Kentucky University
We used a controlled reinforcer ratio (CRR) schedule to measure the effects of amphetamine (0-1.0 mg/kg) on risky choice in female rats. Results showed that an intermediate dose of amphetamine (0.5 mg/kg) increased risky choice, whereas a higher dose (1.0 mg/kg) impaired discriminability of reinforcer magnitude.

9 D2 Receptor Antagonism Affects Cocaine-Induced Behavioral Sensitization in Japanese Quail
Izzy Neel, Centre Colllege; Kathryn Greenleaf, Centre College; Karin Gill, Centre College
The administration of a D2 antagonist was found to cause cocaine-induced behavioral sensitization in female Japanese quail, while cocaine alone did not affect locomotion. This provides further evidence for the D2 dopamine receptor's role in neuroprotection against cocaine use disorder.

10 Psychotropic Medication Use Among Traumatized Individuals With and Without Psychiatric Histories
Sara Kuhn, University of North Dakota; Stephanie Brezinski, University of North Dakota; Michael Jowkar, University of North Dakota; Kourtney Smith, University of North Dakota; Alan King, University of North Dakota
Psychotrophic medication prescription rates were examined among survey respondents with self-reported trauma histories as defined by the DSM-5. Significant associations were found between trauma exposure groups for traumatized respondents both with and without a prior PTSD diagnosis. Differences were found even after control of general psychiatric history.

11 Vestibular Dysfunction Alters the Organization of Exploratory Movements in Mice
Mark Banovetz, Northern Illinois University; Ashley Blackwell, Northern Illinois University; Jenna Osterlund, Northern Illinois University; Anthony Parlogean, Northern Illinois University; Rami Lake, Northern Illinois University; Douglas Wallace, Northern Illinois University; Ryan Yoder,

Coastal Carolina University

Vestibular dysfunction impairs various cognitive abilities, with the greatest impact on spatial cognition. Here, bilateral vestibular lesions altered the organization of exploratory behavior in both darkness and light. This altered exploration may disrupt the acquisition of spatial information necessary for accurate performance on navigational tasks.

12 Early Hypoxia Alters Exploratory Behavior in Adult Leopard Geckos

McKenzie Nichol, Coastal Carolina University; Robert Tracey, Coastal Carolina University; Madison Magnus, Coastal Carolina University; Alexandra Buxbaum, Coastal Carolina University; Skyla Bailey, Coastal Carolina University; Scott Parker, Coastal Carolina University; Ryan Yoder, Coastal Carolina University

In ovo hypoxia produces brain damage in leopard gecko hatchlings, and we evaluated these geckos' exploration performance in adulthood. Hypoxia animals showed significantly lower peak speeds and greater total stop times than controls. These results suggest hypoxia-induced early brain damage produces long-term changes in the exploratory behavior of reptiles.

13 Impact of Malfunctioning Microglial Integrins on Behavior

Bridgid Truty, St. Xavier University; Gregory DeGirolamo, St. Xavier University; Teja Dudiki, Cleveland Clinic- Lerner Research Institute; Daniel Nascimento, Cleveland Clinic- Lerner Research Institute; Maddie Roth, Cleveland Clinic- Lerner Research Institute; Samantha Stefl, Cleveland Clinic- Lerner Research Institute; Tatiana Byzova, Cleveland Clinic- Lerner Research Institute

We examined the role of microglial integrins on the development of behavior. Microglia play a significant role in the neural functioning and development. Microglial integrins provide the mechanistic connection that aids in phagocytosis. We found that atypically functioning microglial integrins directly impairs social behavior and indirectly impacts motor behavior.

14 Neural Correlates of Early Attentional Bias in High Trait Anxiety

Gissele Acosta, Saint Xavier University; Samar Awwad, Saint Xavier University; Robert Torrence, Saint Xavier University

Participants with elevated anxiety have increased attentional bias toward negative stimuli. This study examined the neural correlates of early attentional bias in participants with high trait anxiety using event-related potentials. The results indicated that high trait anxiety is associated with increased early attentional bias toward fearful facial expressions.

15 Differences in Bimanual Performance Based on Toy, Age, and Handedness.

Sarai Cortina, Illinois State University; Robert Pearson, Illinois State University; Julie Campbell, Illinois State University; George Michel, University of North Carolina at Greensboro

Role-differentiated bimanual manipulations (RDBMs) occur when one hand stabilizes an object while the other performs a motor action on the object. This project assessed the effect of handedness, toy-type, and age on RDBM performance. The times for RDBM completion decreased across time, meaning RDBM efficiency increased as infants got older.

16 Demographic Factors and Premorbid Functioning on Verbal/Visual Memory Performance

Karen Basurto, University of Illinois at Chicago; Liliam Castillo, University of Illinois at Chicago; Jason Soble, University of Illinois at Chicago

This study investigated premorbid intellectual functioning and demographics on memory performance in a clinical population of 40 monolingual Spanish-speaking patients who completed the TVIP, BVMT-R, and HVLT-R. Findings suggest premorbid functioning/TVIP performance and age is associated with visual memory, whereas TVIP, age, and education were associated with verbal memory performance.

17 Religious and Social Support Predicting Hippocampal Size

Katie Sakel, Bowling Green State University; Brooke Pieroth, Bowling Green State University

Hippocampal atrophy is associated with religiousness. To separate confounding variables of social support and religiousness, HCP-Young Adult data was used. Hierarchal models of the right, left, and average hippocampal volume were significant. Bayesian regression confirmed religiousness, emotional support, and friendship were not predictors.

Social Perception

1:00 "Gaydar:" The Role of Sexuality and Gender
Bessie Flores Zaldívar, Lindenwood University Belleville; Trisha Prunty,
Lindenwood University - Belleville
The current study investigated whether individuals who are heterosexual or
non-heterosexual are able to discern another's sexual orientation from a
single still image. Findings suggest that individuals who are non-heterosexual
are hypersensitive to identifying straight men, which may serve as a
protective mechanism in the face of homophobia.

1:15 Effects of Peer Presence on Perceptions of Procedural Justice
Yael Granot, Loyola University Chicago; David Igliozzi, Loyola University
Chicago
Adolescence is critical stage in which juveniles forge their understanding of
legal authority, but are also uniquely sensitive to peer influence. We test
whether the presence of peers affects the juveniles' perceptions of procedural
justice of police, and discuss implications for police-youth interaction.

1:30 Encounters of Distrust on Hidden Information
Donald Gaffney, University of Cincinnati; Emma Neybert, University of
Cincinnati; Frank Kardes, University of Cincinnati; Robert Wyer, University
of Cincinnati
Research has shown that product judgements, evaluations and consumption
behavior are also often influenced by ability to account for missing
information (Kardes, Pfeiffer & Bechkoff, 2012). However, this research
attempts to investigate a new debiasing technique for omission neglect, the
distrust mindset.

**1:45 Just World Gap and Legal Socialization: Privilege, Justice, and
Cynicism**
Kendra Thomas, University of Indianapolis; Herbert Rodrigues, Missouri
State University
Bridging legal socialization and belief in a just world research, this study
introduces a new construct: Just World Gap (JWG). JWG explains how

perceptions of justice vary across income, school, and racial categories in a diverse group of Brazilian pre-adolescents, and how it can uniquely explain legal cynicism.

2:00 An Exploratory Study on Psychological Factors and Disaster Misconceptions
Rachelle Pichot, Andrews University; Harvey Burnett, Andrews University; Karl Bailey, Andrews University
This exploratory study examined psychological wellness and resilience as predictors of disaster response beliefs and disaster misconceptions beliefs. Regressions revealed that stress, media reliability, resilience, disaster response beliefs, extraversion, conscientiousness, and disaster misconception beliefs contributed significantly to one or more models predicting disaster response beliefs and disaster misconceptions beliefs.

2:15 Empirical Test of Supreme Court's Commonsense Understanding of Snatching Crimes
Loretta Stalans, Loyola University Chicago; Mark Livshots, Loyola University Chicago
Adult respondents (N = 407) read scenarios of snatching crimes in an experimental study. Respondents rated the snatcher as using more force when the victim took precautions, moderately resisted and received a scratched hand, and most classified these crimes as thefts. Supreme Court's assumptions about 'commonsense understanding' were contradicted.

Attitudes

Fri 1:00PM - 2:50PM   Salon 05/08
Moderator: Joshua Guyer, Universidad Autónoma de Madrid

1:00 Evaluating the "F" Words: How Attitudes towards Feminists Differ
Yiyue Zhang, Ohio University; Kimberly Rios, Ohio University
In three studies, radical feminists were view more negatively and were more likely to be punished in the hiring process than liberal feminists. Further, this negativity did not extend to male feminists. Results suggest that negativity towards feminists depends on both the feminists' genders and the beliefs the feminists espouse.

1:15 Blinded by Nostalgia: Nostalgia's Impact on Attitude Strength
LaCount Togans, Miami University; Allen McConnell, Miami University
We investigated how feeling nostalgic about an attitude object leads to
stronger attitudes toward that object through attitudinal importance, certainty,
and ambivalence. Participants who reflected on attitude objects evoking
nostalgia rated those objects as more important compared to a control
memory. We discuss these findings using a self-concept framework.

**1:30 Beliefs about Self-Esteem's Importance Affect Interest in
Information**
Devin Fowlie, Queen's University; Thomas Vaughan-Johnston, Queen's
University; Jill A. Jacobson, Queen's University
Across several studies, we demonstrate that positive and negative measures of
self-esteem importance (beliefs about self-esteem's consequentiality)
independently predict interest in information. We show that the measures are
separable, and that they contribute independently to information interest and
likelihood to facilitate information in a "lost email" paradigm.

1:45 A Preliminary Examination of Attitudes Toward Sex Workers
Eyad Naseralla, Saint Louis University; Ruth Warner, Saint Louis University
The present research assessed attitudes toward sex workers. Participants
completed measures of attitudes toward either sex workers (e.g., escorts,
pornographic performers, exotic dancers) or a neutral group (maids). Results
supported the hypothesis that individuals feel negatively toward and desire
more social distance from sex workers. Implications and additional results are
discussed.

2:00 The Impact of Disease Associations on Prejudicial Attitudes
Julia Spielmann, University of Illinois at Urbana-Champaign; Chadly Stern,
University of Illinois at Urbana-Champaign
Across three studies, people implicitly and explicitly associated members of
minority groups with disease. These associations predicted stronger negative
attitudes and feelings towards minorities. Importantly, people led to believe
that the rate of diseases had increased (vs decreased) among gay men (vs
heterosexuals) felt marginally more negative toward gay men.

2:15 Attitudes Toward Foster Youth: An Exploratory Study
Madison Burt, University of Kentucky; Cassandra Vázquez, University of
Kentucky; Rachel Farr, University of Kentucky
Many foster youth experience stigma because of their foster care status—
although, this is an understudied area. The current study empirically explores

the general public's attitudes towards youth in foster care. Results hold important implications for policy, law, and practice related to foster youth and may inform future work.

2:30 Focusing on Predictive Cues: An alternate way to reduce bias

Balbir Singh, University of Colorado Boulder; Jordan Axt, McGill University; Eric Pedersen, University of Colorado Boulder; Joshua Correll, University of Colorado Boulder

Previous efforts to reduce bias by directing attention away from cues like race, gender, or attractiveness do not work/persist. In a selection task, we sought to reduce bias by focusing attention on the predictive information. Although decision accuracy increased, the errors that did occur were still biased by attractiveness.

Political Psychology II: Ideological Differences

Fri 1:00PM - 2:50PM   Salon 06/07
Moderator: Kathryn Klement, Bemidji State University

1:00 Conservatism and ambivalence: A plot twist

Leonard Newman, Syracuse University

Political conservatism is associated with lower tolerance of ambiguity and higher levels of need for structure and closure. It would seem to follow that conservatism is negatively correlated with attitudinal ambivalence. But multiple studies using different attitude objects and different measures of ambivalence reveal the opposite. All demonstrate more ambivalence among conservatives.

1:30 Political Elites' Climate Change Communication: Party Differences and Temporal Trends

Alexandra Scharmer, University of Minnesota, Twin Cities; Marti Hope Gonzales, University of Minnesota, Twin Cities

Climate change is a crucial issue that is highly politicized in the US. We examined political elites' rhetoric about climate change in a near-exhaustive review of televised interviews, compared topics covered by Democrats and Republicans (e.g., suggesting solutions, belief in climate change), and examined trends in topics over time (2006-2018).

1:45 Racism and Sexism Benefit Conservative (Not White or Male) Politicians
(Max) Hui Bai, University of Minnesota
Using large and nationally diverse datasets (total N=42,872), this paper presents correlational and experimental evidence that, contradicting to popular assumptions, (1) racism and sexism benefit conservative politicians, not politicians who are White or male, and (2) racism and sexism undermine liberal politicians, not politicians who are Black or female.

2:00 The Confident Conservative: Ideological Differences in Decision-Making Confidence
Benjamin Ruisch, The Ohio State University; Chadly Stern, University of Illinois at Urbana-Champaign
We find that political conservatives exhibit greater judgment/decision-making confidence than liberals. This effect emerges across various political and non-political judgments, and is explained by conservatives' higher need for cognitive closure: when making a decision, conservatives' tend to decide rapidly, whereas liberals deliberate more extensively, reducing their confidence in their answer.

2:15 Political Intergroup Biases in Emotion Attribution
Joel Devonshire, University of Notre Dame; Felicia Pratto, University of Connecticut
In two surveys, liberals and conservatives showed "positivity bias" in ratings of ingroup and outgroup emotion, and were generally not sensitive in predicting self-reports of outgroup emotions. However, accuracy improved when asked about specific social issues. In some ways, liberals showed more discrepancy when predicting emotions and issue positions.

<div align="center">

Memory: Forgetting

</div>

Fri 1:00PM - 2:50PM   Salon 12
Moderator: Ashley Scolaro, Central College

1:00 Cognitive control-induced forgetting vs. remembering
Yu-Chin Chiu, Purdue University
Subsequent memory for a piece of information is determined by how we interact with it. Two cognitive control processes, response inhibition and conflict resolution, appear to produce opposite subsequent memory effects. We examine both processes in the same task to reveal their relationship by examining their joint subsequent memory effects.

1:30 Distinguishing Voluntary Forgetting From Unintentional Forgetting Using Eye-Tracking

Jonathon Whitlock, University of Illinois at Urbana-Champaign; Lili Sahakyan, University of Illinois; Judy Chiu, University of Illinois at Urbana-Champaign

Directed forgetting (DF) was examined using eye-tracking methodology and a novel paradigm from neurocognitive literature. The goal was to investigate whether associative information linking items to their context is impaired by DF. Eye-movements distinguished between unintentional and voluntary forgetting, indicating qualitative differences in memory traces of R and F items.

1:45 Learning and Retention Patterns

Jerry Fisher, The University of Notre Dame; Gabriel Radvansky, University of Notre Dame

Episodic retention is commonly thought to follow a power function. However, Fisher and Radvansky (2019) have demonstrated that linear forgetting patterns can be reliably observed. This work builds upon this by delineating the role of learning on linear patterns. These results are interpreted under a computational simulation of retention.

2:00 A fine-grained study of forgetting

Abigail Doolen, University of Notre Dame; Gabriel Radvansky, University of Notre Dame; Andrea O'Rear, Saint Mary's College

This study used a within-subjects design to examine individual's memory retention of words at various retention intervals up to two weeks after learning. This study demonstrates that forgetting follows a logarithmic function, and will contribute to our understanding of how sleep influences memory.amine individual's memory retention of words at various

2:15 Consolidation and Interference in Long-Term Memory

Gabriel Radvansky, University of Notre Dame; Andrea O'Rear, Saint Mary's College

Over 24 hours, we tested whether memories learned closer to sleep are more consolidated and resistant to interference than those learned earlier in the day. This was assessed using a differential fan effect paradigm. The result revealed little impact of the placement of consolidation and daily memory interference.

Resilience in Childhood and Adolescence

Fri 1:00PM - 2:50PM   Salon 01
Moderator: T.L. Brink, Crafton Hills College

1:00 Building Resilience in a Social World
Alli Cipra, Governors State University
Resilience, or positively adapting to adversity, is not a stable trait but a
buildable skill. This skill is particularly important for emotional and
psychological well-being and can be taught in childhood. Children with
internalizing or externalizing behavioral patterns, experiences with bullying
or other types of adversity in our ever-increasingly social world, benefit from
SEL and resilience training.

1:30 Friends or Family? Social Support Source Moderates Interpersonal Emotion Regulation.
Tannaz Mirhosseini, Cleveland State University; Anna Olczyk, Cleveland
State University; Ilya Yaroslavsky, Cleveland State University
We tested the moderating role of perceived social support from family and
friends on the relationship between effective and ineffective interpersonal
emotion regulation (ER) and internalizing problems (depression and anxiety).
Support from friends, but not family, reduced the adverse effects of
ineffective ER on internalizing problems. Clinical implications are discussed.

1:45 Immigrant Parents' Acculturative Stress, Caregiving Style, and Preschoolers' Prosocial Development
Zahra Naqi, Loyola University Chicago; Rachel Rolseth, Loyola University
Chicago; Maria Teresa Franco, Loyola University Chicago; Amanda Boyer,
Loyola University Chicago; Daniela Ugalde, Loyola University Chicago;
Jasmine Shughoury, Loyola University Chicago; Maria Radulescu, Loyola
University Chicago; Ellen Phillips, Loyola University Chicago; Karl Ulbrich,
Loyola University Chicago; Christine Li-Grining, Loyola University Chicago
This study examines how prosocial development among low-income and
ethnic minority preschoolers may be associated with their immigrant parents'
acculturative stress and caregiving style. The mothers of 35 preschoolers
participated in this study. Results indicated relations among mothers'
acculturative stress, parenting, and their children's prosocial behavior.

2:00 Low-income High School CTE Students' Development of Occupational Aspirations
Sarah Cashdollar, The University of Chicago

How does high school Career and Technical Education (CTE) participation influence vocational identity development? Interviews and focus groups with 64 youth revealed that students with extensive CTE participation decided early in high school to pursue careers that did not require a bachelor's degree. CTE reinforced commitment to these sub-baccalaureate careers.

Professional Development:
Incorporating Social Media with Professional Work

Fri 2:00PM - 2:50PM   Salon 04

2:00 Using social media, YouTube, podcasts, and more to increase your professional impact as a clinician, researcher, or faculty member.
Deborah Miller, Indiana University East; Beth Trammell,, Indiana University East; Jade Kirchoff-Foster, Indiana University East; Camille Locke, Indiana University East
Psychology faculty members/licensed psychologists will discuss their use of internet and social media to increase their professional impact, including choosing the right tools (Instagram, Facebook, YouTube, etc.) based on goals and target audience; strategies for creating a branded â€œlookâ€ • ; and review the work of successful online psychology entrepreneurs.

Professional Development:
Transitioning for Teaching and Research at Teaching Intensive Institutions

Fri 1:00PM - 2:50PM   Wilson

1:00 Graduate School Success: Transitioning from R1 to Liberal Arts
Nora Nickels, Carthage College
This talk and discussion will focus on the discernment that takes place within graduate school, during the transition to post-graduate work, and in early career positions for psychology researchers moving from R1 to liberal arts environments. Topics will cover strategies for reflection and success as institutional environments shift.

2:00 Providing the write support: Demystifying the process and improving outcomes
Amber Griffith, Eastern Michigan University; Angela Staples, Eastern Michigan University; Beth Sabo, Eastern Michigan University
This panel will discuss misconceptions about writing and reading in psychology specific to graduate students and faculty. Talks will offer practical advice designed to improve graduate student performance, quality of faculty instruction and mentorship, and strategies to strengthen partnerships with University Writing Center and Writing Across the Curriculum colleagues.

Symposium

Interactions between Vulnerability to Stress and Alcohol Drinking Behaviors

Fri 1:00PM - 2:50PM   Salon 10
Moderator: Rebecca Gilbertson, University of Minnesota -- Duluth

An important factor in the development and maintenance of alcohol use disorder (AUD) is stress (Radke, Pickens, and Holmes 2014; Logrip et al., 2018). There is a high comorbidity between stress-related disorders and AUD. Acute bouts of stress can trigger relapse to alcohol use and abuse in previously abstinent individuals. In addition, the abuse of, use of, and dependence on alcohol can generate significant stress through creating interpersonal conflict and legal/occupational difficulties, through withdrawal symptoms, and through long-lasting changes in "prostress" brain mechanisms. This could create a vicious cycle in which alcohol abuse leads to more stress, and more stress leads to greater alcohol abuse. The presentations in this symposium will report on interactions between stress and alcohol drinking in preclinical rodent models. Factors that confer vulnerability to both stress and alcohol intake, including sex, genetic background, and early life stress will all be explored as well as potential neural mechanisms. The translational implications of this work will also be discussed.

Interactions between fear and alcohol in selectively bred mice
J.A. CHESTER, Purdue University

Opioid receptors in individual differences in alcohol consumption and fear
C.L. PICKENS, Kansas State University

Sex differences in long-term modulation of alcohol drinking after stress
M.L. Logrip, Indiana University Purdue University Indianapolis

Early life trauma and sex effects on aversion-resistant alcohol drinking
A.K. RADKE, Miami University

Symposium

The Psychological Correlates of Racism and Sexism Among Ethnic Minority Students

Fri 1:00PM - 2:50PM   Chicago

The current sociopolitical climate has highlighted a national divide based on race/ethnicity and gender. In fact, reports have suggested that racial/ethnic discrimination and sexist attitudes have increased in recent years. Racial/ethnic discrimination has been implicated as a significant stressor experienced by many ethnic minority individuals with marked physical and psychological consequences (Williams & Mohammed, 2009). Similarly, experiences of sexism engender a stress response which contributes to significant mental health consequences (Swim, Hyers, Cohen, & Ferguson, 2001). Ethnic discrimination and sexism can have particularly damaging consequences for emerging adults, particularly university students of color in predominant White institutions (PWIs). The current symposium will present research findings from various methodologies that examined racial/ethnic discrimination and sexism among university students. The first presentation will report qualitative data examining the experiences of racial/ethnic discrimination experienced by a diverse group of racial/ethnic minority college students. Similarly, the second presentation will include qualitative information describing participants' past instances of sexist attitudes and behaviors. Finally, the third presentation will focus on a quantitative study

that examined the ability of general self-efficacy to moderate the relationship between ethnic microaggressions and hopelessness.

Racial Discrimination and Wellbeing at Predominately White Institutions (PWI)
ALONDRA MERAZ, Marquette University, ANGELISE LAREDO, Marquette University, LUCAS TORRES, Marquette University

Examining Attitudes Towards Sexism Among Racial and Ethnic Minorities
NATALIE SCHMAUS, Marquette University, KARINA FALCON GONZALEZ, Marquette University, JACLYN PACHICANO, Marquette University, LUCAS TORRES, Marquette University

Microaggressions and Mental Health: The Role of Self-efficacy and Active Coping
FREDERICK HINKLEY, Marquette University, RAYNE TRANGSRUD, Marquette University, CLAIRE BIRD, Marquette University, LUCAS TORRES, Marquette University

Clinical and Developmental Poster Session I: Child and Adolescent Development

Fri 1:00PM - 2:50PM   Exhibit Hall

1 Does Meaning in Life Predict Adjustment beyond Affectivity and Support?

Alaina Gregory, University of Michigan; Miranda Schaffer, University of Michigan; Claire Novak, University of Michigan; Misu Kwon, University of Michigan, Ann Arbor; Edward Chang, University of Michigan
The present study ran hierarchical analyses to determine if meaning in life is a significant predictor of psycho-social adjustment. Results indicated that meaning in life predicts psycho-social adjustment beyond social support and affectivity. In addition, presence opposed to search for meaning was significantly associated with psycho-social adjustment.

2 Communion in Emerging Adulthood

Amanda Montgomery, University of Missouri
This study considered the ways communion in emerging adults' autobiographical narratives is associated with demographic factors (i.e., gender, SES) and the ways communion informed well-being. Women displayed more communion in positive events than men, and communion in negative events uniquely informed reports of psychological well-being, life satisfaction, and stress.

3 Opportunities to Improve Healthy Eating in Pregnant Adolescents

Denise Richard, Nationwide Children's Hospital; Robyn Lutz, OhioHealth; Meredith Reahm, Nationwide Children's Hospital; John Stevens, Nationwide Children's Hospital/The Ohio State University
Previous small scale research on adolescent eating behaviors has shown that many adolescent mothers often eat in an unhealthy fashion. In the present study, 331 pregnant adolescents reported on their fruit, vegetable, and milk intake. Results indicate that there are numerous opportunities for improvement in this population.

4 Does Maternal Communication Relate to Sources of Adolescent Sexual Education?

Jennifer Ishaq, Cleveland State University; Kelly Solano, Cleveland State

Univerisity; Elizabeth Goncy, Cleveland State University; Klarissa Zeno, Cleveland State Univerisity

We hypothesized lower quality and comfort of maternal communication in teens with only school-based sexual education (SBSE). A latent class analysis categorized females based on source of sexual education. Results indicated SBSE reported less comfort communicating with mothers than non-SBSE (p=.023), but not eclectic sources (p>.05).

5 Why Does Discrimination Erode Mental Health?
Jeremy Kanter, Illinois State University; Daniel Lannin, Illinois State University; Luke Russell, Illinois State University; Khyati Verma, Illinois State University; Ani Yazedjian, Illinois State University

This study explored associations among perceived discrimination, loneliness, self-esteem and psychological distress. Discrimination was linked to greater psychological distress for youth, and indirectly linked by feelings of loneliness. Discrimination was indirectly linked with lower self-esteem through feelings of loneliness. Internalizing discrimination may result in feelings of loneliness and erode well-being.

6 Effects of Group Therapy: Parent Reports of Diabetes Management
Perry Catlin, Marquette University; Astrida Kaugars, Marquette University; Jessica Kichler, Cincinnati Children's Hospital Medical Center

A novel group therapy intervention was developed for use in clinical settings with adolescents with Type 1 Diabetes (T1D), and their families. Parents completed diabetes-related measures to evaluate adolescent health management behaviors. Results demonstrated significant improvement in adolescent transition readiness, and adherence to diabetes treatment recommendations from baseline to posttreatment.

7 Sexual Orientation: A Moderator Between Sexual Permissiveness and Sexual Partners
Michaela Steiner, Cleveland State University; Noel Scanlon, Cleveland State University; Evan Basting, Cleveland State University; Elizabeth Goncy, Cleveland State University; THRiVE Collaborative, Cleveland State University

Research has focused on risky sexual behaviors but not on the attitudes, or sexual permissiveness, behind them. Sexual minority status was hypothesized to act as a moderator between sexual permissiveness and number of sexual partners. Findings and implications for these results will be discussed.

8 Effectiveness of Educational Session on the College Transition for Parents
Alissa Russell, Saint Mary's College; Lauren Zinanni, Saint Mary's College
Parents of incoming college freshmen reported parental control beliefs and stress mindset before and after a one-hour educational session. Results demonstrate significant change in stress mindset, but not in parental control beliefs, suggesting this educational format is worthwhile for stress mindset, but that shifting parental control beliefs requires other interventions.

9 Do Demographic Characteristics Moderate the Association between Loneliness and Distress?
Jeremy Kanter, Illinois State University; Daniel Lannin, Illinois State University; Luke Russell, Illinois State University; Ani Yazedjian, Illinois State University; Jessica Quast, Illinois State University; Meredith Spraggon, Illinois State University
The present study examined associations among loneliness, psychological distress, age, and gender in youth. Results indicated older youth demonstrated difficulty coping with feelings of loneliness and experienced more symptoms of distress. Gender did not moderate the effects of well-being. The present research highlights avenues to increase perceptions of belongness.

10 How Developmental Programming Influences Youths' Awareness of their Online Audiences
Jeremy Kanter, Illinois State University; Jessica Quast, Illinois State University; Meredith Spraggon, Illinois State University; Daniel Lannin, Illinois State University; Luke Russell, Illinois State University; Ani Yazedjian, Illinois State University; Leandra Parris, William & Mary
The current study explored how youth described the impact of participating in a relationship and job readiness curriculum on their behaviors online. Results indicated that participating in programming may assist youth in more safely navigating online environments and ensuring they do not jeopardize relational and employment opportunities.

11 Do Intrinsic and Extrinsic Motivation Encourage Different Facets of Hope?
Jeremy Kanter, Illinois State University; Hailie Halverson, Illinois State University; Kailey Greene, Illinois State University; Daniel Lannin, Illinois State University; Luke Russell, Illinois State University; Ani Yazedjian, Illinois State University
The present study examined the association among intrinsic and extrinsic life goals and different aspects of hope. Results indicated that the type of

motivation that adolescents are oriented toward influences the type of hope they experience. Bolstering intrinsic motivation may be an important consideration for practitioners who work with youth.

12 Loneliness: Explaining the Link Between Social Media Rumination and Distress

Keeley Hynes, Illinois State University; Marissa Berens, Kankakee Community College; Jeremy Kanter, Illinois State University; Daniel Lannin, Illinois State University; Leandra Parris, William & Mary; Luke Russell, Illinois State University; Ani Yazedjian, Illinois State University
The present study found that among at-risk youth in a relationship education program, the relationship between social media rumination and psychological distress is mediated by loneliness. This suggests that more social media rumination affects psychological distress because of its link to loneliness. Implications for educational interventions for at-risk youth will be discussed.

13 Adolescent Peer-reported Neuroticism Predicts Later Onsets of Depression

Natalie El-Alam, Adler University; Lyuba Bobova, Adler University
The current study uses a large longitudinal dataset that followed high school students for 10 years with annual self-report and diagnostic assessments. Results showed that peers' report of a friends' neuroticism significantly predicted new onsets of depression in the subsequent 10 years.

14 Could Self-Compassion Predict Lower Levels of Anxiety about Aging?

Emily Marks, Angelo State University; Nicole Lozano, Angelo State University
This study investigated whether self-compassion in emerging adults could be used as a predictor of lower scores of anxiety about aging. Results indicated that two of three positive aspects of self-compassion were significant: feelings of being able to see one's mistakes as part of being human and maintaining a mindful stance.

28 My Friends Need Counseling, Not Me: Student Perspectives of Counseling

Sarah Cronin, Bemidji State University; Alyssa Pajari, Bemidji State University
A significant number of students report mental health concerns, yet two-thirds do not seek help. Majority of students who used counseling stated that counseling helped them stay in school. This study utilized focus groups to

assess barriers students experience when seeking on-campus counseling. Results have implications for research and practice.

16 The Association Between Sexual Abuse, Self-Objectification, and Risk Recognition

Michelle Coventry, Illinois State University; Marla Reese-Weber, Illinois State University; Jeffrey Kahn, Illinois State University

Sexual (re)victimization has been explained by deficits in risk recognition. No research has explored the impact of self-objectification on risk recognition despite its established ability to disrupt attentional awareness and undermine sexual assertiveness. Our study examined indicators of self-objectification as mediators of childhood sexual abuse and risk recognition.

17 Hopefulness: Explaining the link between Self-Affirmation and Self-Esteem

Jeremy Kanter, Illinois State University; Taylor Ullrich, Illinois State University; Stephanie Ivanoff, Illinois State University; Daniel Lannin, Illinois State University; Luke Russell, Illinois State University; Ani Yazedjian, Illinois State University

The present study examined the association among self-affirmation, hope, and self-esteem. Results indicated more frequent self-affirmations were linked to greater hope, which in turn was linked to increased self-esteem. Helping students identify and draw on self-affirmations may assist in positively impacting their evaluations of their current situation and themselves.

18 A Focus Group Study of Social Status Insecurity in Adolescents

Yunyi Long, DePaul University; Courtney Lewis, DePaul University; Yan Li, DePaul University

A Comprehensive Review of Social Status Insecurity in Adolescents Yunyi Long, DePaul University; Courtney Lewis, DePaul University We interviewed several groups of adolescents on their understandings, experiences, and reactions towards social status insecurity (SSI). Results suggest adolescents tend to suffer from distressing mental and social difficulties after experiencing SSI. Additionally,

19 Relationship Between Sleep Behaviors and First-Semester College Student Adjustment

Jessica Hinojosa, University of Wisconsin - Milwaukee; Yanzhou Lu, University of Wisconsin Milwaukee; Nan Xu, University of Wisconsin-Milwaukee; Sophia Zwick, University of Wisconsin-Milwaukee; Amy Lang, University of Wisconsin, Milwaukee; Nina Linneman, University of

Wisconsin--Milwaukee; W. Hobart Davies, University of Wisconsin-Milwaukee

Research suggests that sleep-related health deficits may negatively impact college student functioning (e.g., psychopathology, self-efficacy). The present study examined how various sleep-related behaviors are associated with first-semester college students' perceptions of their college adjustment. Findings indicated that sleep quality was positively correlated with college students' academic belief in self.

20 Association between Lucid Dreaming, Distress, and Life Satisfaction
Nan Xu, University of Wisconsin-Milwaukee; Jessica Hinojosa, University of Wisconsin - Milwaukee; Yanzhou Lu, University of Wisconsin Milwaukee; Sophia Zwick, University of Wisconsin-Milwaukee; Amy Lang, University of Wisconsin, Milwaukee; Nina Linneman, University of Wisconsin--Milwaukee; W. Hobart Davies, University of Wisconsin-Milwaukee

There were 23% of the participants reported that they regularly had lucid dreams. Lucid dreamers were more satisfied with life and have lower levels of anxiety and depression compared to non-lucid dreamers. How lucid dreaming fits in psychotherapeutic concepts and practices are worth to explore in the future.

21 Associations between sleep problems and distress symptoms in college freshman
Yanzhou Lu, University of Wisconsin Milwaukee; Jessica Hinojosa, University of Wisconsin - Milwaukee; Nan Xu, University of Wisconsin-Milwaukee; Sophia Zwick, University of Wisconsin-Milwaukee; W. Hobart Davies, University of Wisconsin-Milwaukee

Associations between anxiety and depression symptoms and sleep health issues including sleep quality and hygiene in college freshmen were examined in this study. Sleep health and emotional distress levels were significantly and negatively correlated. Opportunities for addressing these problems through primary and secondary prevention programs to improve sleep are explored.

22 Social Anxiety and Fear of Evaluation in Middle Schoolers
Wesley Allan, Eastern Illinois University; Leslie Hunt, Eastern Illinois University

Social anxiety is associated with the fear of negative evaluation (FNE) and the fear of positive evaluation (FPE) in adults. We examine these relationships in a middle school population as well as whether emotion relation problems serve as a mediator.

23 Multiple Dimensions of Organized Activity Participation and Adolescent Risky Behavior

Amy Governale, North Park University

Organized activity (OA) participation is considered to be protective for low-income, ethnic minority adolescents, although outcomes may differ depending how OA participation is conceptualized. This study utilizes structural equation modeling to simultaneously examine how multiple dimensions of OA participation predict risky behavior among a sample of low-income, ethnic minority adolescents.

24 Longitudinal associations between school connectedness and adjustment problems during adolescence

Ashley Adams, Illinois State University; Victoria Powers, Illinois State University; Yessenia Chavez, Illinois State University; Laura Finan, Illinois State University; Christine Ohannessian, University of Connecticut

This study examined depressive and anxiety symptoms as mediators of the relationship between school connectedness and later problem behavior among adolescents. Results indicated that depressive symptoms, but not anxiety symptoms, mediated the relationship between school connectedness and later problem behavior. Findings point to the importance of promoting adolescents' school connectedness.

25 Analysis of First-Year Undergraduate Students' Motivations to Improve Sleep Behavior

Sophia Zwick, University of Wisconsin-Milwaukee; Jessica Hinojosa, University of Wisconsin - Milwaukee; Yanzhou Lu, University of Wisconsin Milwaukee; Nan Xu, University of Wisconsin-Milwaukee; Amy Lang, University of Wisconsin-Milwaukee; Nina Linneman, University of Wisconsin--Milwaukee; W. Hobart Davies, University of Wisconsin-Milwaukee

Previous research has linked sleep deprivation to health and cognitive deficits. The current study examined how risk factors of sleep deprivation motivated undergraduate students to change their sleep behavior. Findings demonstrated that statements regarding the negative impacts of sleep deprivation on physical and mental health were most influential.

26 Caring Adults Presence and Internalizing Symptoms in Adolescent Female Offenders

Bria Harris, Loyola University Chicago; Jenny Phan, Loyola University Chicago; Noni K. Gaylord-Harden, Loyola University Chicago

To better understand the impact of caring adults on mental health symptoms

for justice-involved girls, the current study explores the longitudinal associations between presence of caring adults and internalizing symptoms in a sample of adolescent female offenders.

27 Caregivers of Youth with Intellectual/Developmental Disabilities: Family Quality of Life

Jenna Ausloos, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology; Melissa Ivins-Lukse, Illinois Institute of Technology
Caregiver burden negatively impacts family quality of life for caregivers of transition-age youth with intellectual and developmental disabilities. However, burden's influence may be less important after accounting for social support and parenting sense of competence. Increasing these protective factors could buffer family quality of life from the effects of burden.

15 Could Marriage or Children Lessen Aging Anxiety in Emerging Adults?

Emily Marks, Angelo State University; Nicole Lozano, Angelo State University
This study looked at whether the intention for children or marriage could predict lesser scores of anxiety for aging in emerging adults. Results indicated that an intent for children did not predict lower scores of anxiety about aging and that only marriage in terms of expectations could be a significant predictor.

29 Early Anger, Inhibitory Control, and Distraction: Implications for Cognitive Performance

Julia E. Mayes, University of Illinois Springfield; Elise R. Simmons, University of Illinois Springfield; Michele Miller, University of Illinois at Springfield
Data from caregivers and experimenters indicate that in preschool-aged children low inhibitory control is associated with poor attention, anger, and distraction, which is negatively associated with cognitive performance. Multiple regression analyses additionally reveal that both anger and distraction significantly predicted inhibitory control while controlling for family income.

30 Family Ecosystems of Informal Learning

Nicole R. Rivera, North Central College; Naomi Hill, North Central College
152 caregivers were surveyed about their motivations to visit three suburban informal learning spaces. Participants expressed their motivations for

providing a fun and high-quality learning experience for their children. Results indicated the top five values of play were brain development, imagination, problem solving, being active, and having fun.

31 Temperament and Aggression in Early Childhood

Samantha Croney, Illinois State University; Alycia M Hund, Illinois State University

The goal of this study was to examine the relation between two aspects of temperament (shyness and inhibitory control) and reactive and proactive aggression using parent-report data. As predicted, lower levels of inhibitory control were correlated with higher levels of both types of aggression. Shyness was not correlated with aggression.

32 Adaptation of recent Mexican immigrant students in the rural midwest

Isabel Montemayor, University of Minnesota Morris; Oscar Baldelomar, Seattle Pacific University; Cristina Ortiz, University of Minnesota, Morris

What is the acculturation stress experience by Mexican children who are adapting to a small rural town in the Midwest? We interviewed 23 Mexican children, 23 of their White peers, their mothers (n = 19), and their teachers (n = 19) in order to get a holistic perspective.

33 Longitudinal Yoga Usage & Sleeplessness in the Kids Empowerment Program

Neil Haran, University of Michigan; Emily Dugoff, University of Michigan; Andrea Roberts, University of Michigan, Ann Arbor; Shannon Shaughnessy, University of Michigan, Ann Arbor; Madalyn Osbourne, University of Michigan; Seth Finkelstein, University of Michigan, Ann Arbor; Sandra Graham-Bermann, University of Michigan, Ann Arbor

This study analyzes longitudinal usage of yoga techniques as part of the Kids Empowerment Program; a 12 week-long, multi-modal psychotherapeutic children's intervention program located in Southeast Michigan. Significant results were found between yoga usage and sleep quality, but usage declined over time, illustrating a need for longitudinal study.

34 Children with Hypermobile Ehlers-Danlos Syndrome: Factors Associated with Psychological Outcomes

Keely Bieniak, Depaul University; Marissa Koven, Depaul University; Brad Tinkle, Peyton Manning Children's Hospital; Susan Tran, DePaul University

An investigation of potential factors associated with anxiety and depression in

pediatric hypermobile Ehlers-Danlos Syndrome patients was assessed; social support and functional disability were examined. Results suggest that parental support is associated with lower anxiety and depression while increased functional disability is associated with higher anxiety and depression.

35 Emotion Language and School Readiness: Gender Differences among At-Risk Children
Supriya Singh, University of Detroit Mercy; Kari Eidnes, Michigan School of Psychology; Christopher Trentacosta, Wayne State University
The study examined parent emotion language and academic readiness among 55 parents and their preschool-aged child. Findings suggested that patterns of associations between parent emotion language and academic readiness may differ for boys and girls. These findings and future research could inform programs for families with young children.

36 Managing Fears and Worries Intervention Within the Kids Empowerment Program
Emily Dugoff, University of Michigan; Neil Haran, University of Michigan; Andrea Roberts, University of Michigan, Ann Arbor; Shannon Shaughnessy, University of Michigan, Ann Arbor; Madalyn Osbourne, University of Michigan; Seth Finkelstein, University of Michigan, Ann Arbor; Sandra Graham-Bermann, University of Michigan, Ann Arbor
The present study examines children's longitudinal usage of skills learned in a new well-being intervention group created to assist children in identifying and managing their fears and worries. The study explores the extent to which compliance relates to demographic variables of socioeconomic status, parent education, age, sex, and ethnicity.

37 Extraversion as a Predictor of Children's Perceived Growth and Creativity
Olivia Rothig, Oakland University; Colin O'Brien, Oakland University; Kanako Taku, Oakland University
This study examined the role of extraversion in the relationship between perceived personal growth and creativity. Children provided information about their extraversion, personal growth, and creativity in an interview. Results indicate that extraversion influences the correlation between perceived growth and creativity and independently predicts creativity.

38 Anxiety and Repetitive Behavior in Children with Down Syndrome
Laura Simon, The Ohio State University; Sarah Schoppe-Sullivan, The Ohio State University

The association between anxiety and repetitive behavior has been studied predominantly in autism spectrum disorder, although other children with intellectual disability are at risk for anxiety. We found a significant positive association between anxiety and repetitive behavior in children with Down syndrome, not moderated by cognitive level of functioning.

39 Overcoming Barriers to Mental Health Services
Devanshi Shah, Loyola University Chicago; Ajla Hodzic, Children's Research Triangle; Alison Suzukamo, Children's Research Triangle; Anne Wells, Children's Research Triangle
This study evaluated differences in outcome based on location of services. The purpose was to investigate the hypothesis that locating therapeutic services in clients' communities will eliminate barriers to consistent attendance and treatment engagement and will thus improve eventual outcome.

40 Inhibitory Control: Differential Measurement in Early Childhood
Amanda Joyce, Murray State University
Inhibitory control, the ability to withhold a prepotent response in favor of a subdominant response, can be conceptualized in many different ways. This investigation examined IC as both cognitive and temperament-based. Results underscore the importance of multiple modes of measurement in order to capture variance in this construct.

41 Popularity Goal to Psychological Maladjustment: Popularity Status Insecurity Mediation
Mingqi Li, DePaul University; Yan Li, DePaul University; Ziyue Cui, DePaul University
This study examined popularity status insecurity as a mediator of the relationship between popularity goal and psychological maladjustment (depression & anxiety) six months later in a sample of Chinese middle school students, and how popularity status change (rise versus fall) across this time period might moderate these mediation processes.

42 Check out these toys! The impact of a Toy Library
Megan Fulcher, Washington and Lee University; Emily Moran, Washington & Lee University; Hannah Dodds, Washington & Lee University; Abby Hinrichs, Washington & Lee University
The Toy Library, a STEM intervention, caters to the needs of rural children, particularly girls. Children "check-out" high quality toys to play with at

home. It is hypothesized that children from the Toy Library will increase their STEM skills and attitudes and will choose more STEM toys in the future.

43 Parenting, Executive Function and Child ADHD: A Multiple Mediation Model

Qi Zhang, University of Wisconsin Madison; James Li, University of Wisconsin-Madison

The mixed-method study explored whether executive function mediated the link between parenting and child ADHD. 207 parents and their kindergarten children were sampled. Results showed that inhibition mediated both global negative parenting and observed negativity with ADHD. Working memory only mediated the link between observed negativity and ADHD.

44 Parenting by Lying and Externalizing Behaviors

Edward Dodd, Murray State University; Esther Malm, Murray state University

This study examined the mediating influence of lying to parents (LTP) and continued attachment on the relationship between parenting by lying (PBL) and three externalizing behaviors. The results indicated a relationship between PBL and drinking through LTP and attachment, and a relationship between PBL and risky sexual behavior through LTP.

45 Predictors of Perseverance and Optimism in the Kids' Empowerment Program

Madalyn Osbourne, University of Michigan; Shannon Shaughnessy, University of Michigan, Ann Arbor; Andrea Roberts, University of Michigan, Ann Arbor; Seth Finkelstein, University of Michigan, Ann Arbor; Sandra Graham-Bermann, University of Michigan, Ann Arbor

This study investigates the relationship between children's strengths and adjustment difficulties, particularly the predictors of Perseverance and Optimism. Less depression and heightened positive social behavior were found most strongly related to Perseverance and Optimism, which can be used to inform the design of resilience-based interventions for children.

46 Arousal, Anxiety Sensitivity, and Anxiety in Youth and Emerging Adults

Anni Subar, University of Denver; Christina Logan, California State University, Long Beach; Sarah Velasco, California State University, Long Beach; Araceli Gonzalez, California State University, Long Beach; Michelle Rozenman, University of Denver

This study investigates how physiological arousal and anxiety sensitivity may

interact in relation to anxiety throughout a stressor in youth and emerging adults. We found that anxiety sensitivity does not moderate the relationship between anxiety disorder and physiological reactivity at baseline, however, future analyses will explore longitudinal relationships.

47 Does Infant Supine Head Orientation Preference Predict Infant Hand Preference?

Samantha Croney, Illinois State University; Julie Campbell, Illinois State University
Head orientation preference leads to visual asymmetries of the hands, which contributes to differences in neuromotor activity between the hands. Differences in lateral activity contribute to a bias in skill, leading to hand preference. This study demonstrates a connection between infants' head-orientation and hand-use preferences throughout the child's first year.

48 Neurocognitive Functioning in Pediatric NF1: Executive Functions and Academic Achievement

Claire Friedhoff, Roosevelt University; Alison Oh, University of Illinois at Chicago; Lea Ventura, University of Illinois at Chicago
Neurofibromatosis Type 1 (NF1) is an autosomal dominant genetic disorder that has been linked to neurocognitive deficits. This study examines relations among attention, executive functions, and academic achievement in children with NF1. Results suggest that deficits in EF and academics are likely to co-exist and thus require integrated intervention.

49 Predicting Executive Functioning & Internalizing Symptoms: Investigating ADHD Dimensions

Danielle Beyer, University of North Dakota; Teagan Anderson, University of North Dakota; Nicole Sinclair, University of North Dakota; Landon Wellendorf, University of North Dakota; Thomas Petros, University of North Dakota
Inattention, hyperactivity, and impulsivity along with sluggish cognitive tempo have been identified as prominent dimensions of ADHD. The present study examined the relationship between symptoms of inattention, hyperactivity, impulsivity and sluggish cognitive tempo on self-reported measures of executive functioning, anxiety and depression in adults.

50 Categorizing Human Qualities

Katherine Freund, University of Missouri; Kristy vanMarle, University of Missouri - Columbia
Three-month-old infants form categories based on perceptual similarity

(Quinn & Eimas, 1996), and by age 1, form conceptual categories, grouping items based on deep properties. This study is analyzing how preschoolers categorize humans. Specifically, (1) whether age, gender, and race are equally salient, and (2) whether children's categorizations are malleable.

MPA Diversity Address

Using Academic Research in the Pursuit of Social Justice

Linda R. Tropp
University of Massachusetts Amherst

Fri. 1:30PM – 2:50PM   Red Laquer
Moderator: TBD

Integrating classic and contemporary perspectives, this talk will explore ways in which academic research can contribute to positive social change, by reflecting on our field's long legacy of engaged scholarship, highlighting the social relevance of the research studies we conduct, and helping newer generations envision pathways toward becoming engaged scholars.

MPA AWARDS AND RECOGNITIONS

Friday, 3:00PM - 3:15PM   Red Lacquer

Moderators: Ximena Arriaga, Purdue Univesrity
             Michael J. Bernstein, Pennsylvania State University - Abington

Graduate Student Paper Awards *(please see page 16)*

New MPA Fellows *(please see page 17)*

Diversity Travel Awards

Recognitions
Duane Wegenber, University of Illinois at Chicago
Past-President 2019

Robyn Mallett – Council Member
Council Member (2017-2020)

Melissa Buelow – The Ohio State University
Program Moderator 2020

_____

MPA Presidential Address

███
███████████████████████████

Ximena Arriaga
Purdue Univesrity

Fri. 3:15PM – 4:30PM   Red Lacquer
Moderator: Duane Wegenger, The Ohio State University

██

_____

Induction of New MPA President

Friday, Immediately Following Presidential Address   Red Lacquer
Moderator: Ximena Arriaga, Purdue Univesrity

_____

MPA Business Meeting

Friday, 4:30PM - 4:50PM   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.

_____

MPA Local Representatives Meetings

Friday, After Business Meeting   Red Lacquer
Moderator: Michael J. Bernstein, Pennsylvania State University - Abington
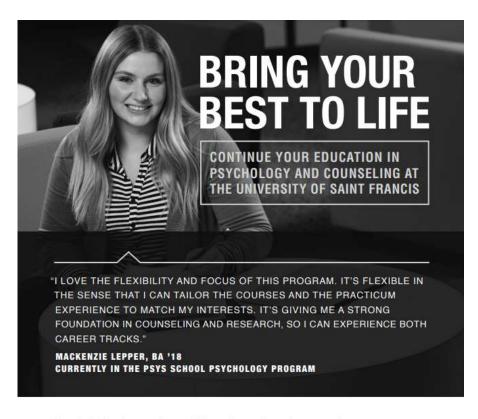
All local representatives of MPA are invited to attend this brief meeting and provide feedback regarding the conference. A list of local representatives is located in this program book. If your college/university does not have a local representative, consider attending the meeting and volunteering.

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.

---

trainer
psychologist
community
champion

Dr. Sally Schwer Canning
Community and Clinical Child Psychologist
Professor of Psychology

Dr. Canning and her colleagues at Wheaton's School of Psychology, Counseling, and Family Therapy are committed to training psychologists, counselors, and therapists who integrate Christian belief and practice with the best of contemporary scholarship and professional standards in service of the marginalized and the church worldwide.

wheaton.edu/MPA

Wheaton College
Graduate School
For Christ and His Kingdom

166

BRING YOUR BEST TO LIFE

CONTINUE YOUR EDUCATION IN PSYCHOLOGY AND COUNSELING AT THE UNIVERSITY OF SAINT FRANCIS

"I LOVE THE FLEXIBILITY AND FOCUS OF THIS PROGRAM. IT'S FLEXIBLE IN THE SENSE THAT I CAN TAILOR THE COURSES AND THE PRACTICUM EXPERIENCE TO MATCH MY INTERESTS. IT'S GIVING ME A STRONG FOUNDATION IN COUNSELING AND RESEARCH, SO I CAN EXPERIENCE BOTH CAREER TRACKS."

MACKENZIE LEPPER, BA '18
CURRENTLY IN THE PSYS SCHOOL PSYCHOLOGY PROGRAM

Psychologists impact the world through a variety of careers. Our highly-regarded psychology program delivers quality, flexibility, and success.

DEGREE OPTIONS:
- MASTER OF SCIENCE IN PSYCHOLOGY (MS)
- MASTER OF SCIENCE IN CLINICAL MENTAL HEALTH COUNSELING (MS)
- MASTER OF SCIENCE IN EDUCATION IN SCHOOL COUNSELING (MSED)
- MASTER OF SCIENCE IN SCHOOL PSYCHOLOGY (MS)
- SPECIALIST IN SCHOOL PSYCHOLOGY (PSYS)
- DOCTORATE IN SCHOOL AND CLINICAL PSYCHOLOGY (PSYD) *BEGINNING FALL 2021*

168

**Adjustment and Mental Health in
Adolescents and Emerging Adults**

Sat 8:30AM - 10:20AM   Salon 01
Moderator: Kathy Sexton-Radek, Elmhurst College

**8:30 Spread thin: Changes over time in burnout symptoms among
American young people**
Sarah Konrath
Burnout is a syndrome with three key symptoms: emotional exhaustion,
depersonalization, and a reduced sense of personal accomplishment. In this
talk, I will present some evidence that these burnout symptoms have been
increasing over time in recent generations of American young people. I will
speculate on potential causes and solutions to the increasing culture of
burnout.

**9:00 Beliefs About Getting Enough Sleep: Reasoned Action Elicitation
and Validation**
Amr Elshazly, Ball State University; Rose Skelly, Ball State University;
Michael Tagler, Ball State University
Applying the reasoned action approach to sleep hygiene behavior, we
conducted an elicitation study and a validation study of the important
behavioral, normative, and control beliefs about allowing time for 8+ hours of
sleep. The identified beliefs have application for the design of interventions to
increase sleep duration.

9:15 Youth and Caregiver Expectations for Therapy
Kathy Dowell, University of Minnesota Duluth; Kimberly Knourek,
University of Minnesota Duluth
Youth and caregiver expectations for therapy were compared in a sample of
youth referred for partial hospitalization treatment. Average youth
expectations were lower than caregiver expectations, although they were not
significantly correlated with each other. Neither predicted treatment
outcomes. Possible mediating variables will be explored for future research.

**9:30 Examining Negative Therapeutic Outcomes in First-Generation and
Non-First Generation Students**
Jonathan Hammersley, Western Illinois University; Kristy Keefe, Western
Illinois University; Ben Kolaczkowski, Western Illinois University
Relatively little is known about negative therapy outcomes, especially in
college students seeking counseling. Individual client characteristics
associated with reported deterioration in anxiety, depression, and hostility are
examined in first-generation and non-first generation students, with nearly
29% of clients reporting some deterioration. Implications may include
individualizing treatment and progress monitoring.

**9:45 The Impact of Attributional Style on Adolescent Stress and
Outcomes**
Lauren McNeela, Northern Illinois University; Laura Pittman, Northern
Illinois University
The present study used path analyses to examine the relation between
interpersonal versus noninterpersonal stressors and adolescents' internalizing
and externalizing symptoms, considering negative attributional style (NAS)
as a potential moderator. Interpersonal stress was positively linked with
internalizing symptoms, and NAS moderated the associations between
noninterpersonal stress and psychological outcomes.

**10:00 Connections Between Mental Health and Academic Performance
in First-Year Students**
Mike Martynowicz, University of Saint Francis - Fort Wayne; Monica Heller,
University of Saint Francis
This two-phase study examined changes in first-year undergraduate students'
depressive symptoms, substance use, anxiety, stress, sleep, and self-efficacy
for learning and performance during their first semester in college. Analyses
were also conducted to predict key outcomes (e.g., semester GPA) for all
participants as well as determine differences for underrepresented students.

Applications of Social Psychology

8:30 Sport psychology in action: From research to practice with NCAA athletes
Tsz Lun (Alan) Chu, University of Wisconsin - Green Bay
Sport psychology, unlike other subfields of psychology, does not have a confined space (e.g., lab/office) for research and practice. This makes implementing evidence-based interventions while meeting the needs of elite-level athletes challenging. In this presentation, I will share my research and consulting experiences, as well as related opportunities and challenges, working with NCAA athletes.

9:00 Using Social and Temporal Comparison to Change and Maintain Behaviors
Olivia Aspiras, Clarke University; Jason Rose, University of Toledo
Participants reported their weekly physical activity for five weeks and received social comparison feedback (percentile rank within the sample), temporal comparison feedback (percentage of change), or no feedback about their physical activity each week. Although feedback type did not influence physical activity, analyses showed several effects on psychological variables.

9:15 International Students' belonging and belief in the American Dream
Apoorva Sarmal, Indiana University; Janelle Sherman, Indiana University; Mary C. Murphy, Indiana University; Edward Hirt, Indiana University-Bloomington
A preliminary study explored a cultural factor, the American Dream, that might account for lowered belonging among international students compared to domestic students. International students reported lower belonging and higher belonging uncertainty than domestic students. Belonging was mediated by belief in the American Dream.

9:30 Masculinity and Men's Friendships: Are At-Home Dads Reshaping American Masculinity?
David Lambert, Edgewood College
Melzer (2018) argued that at-Home Dads are reshaping American masculinity. This research provides some initial support. At-home dads seem to be rejecting "toxic" aspects of masculinity, such as anti-femininity and

homophobia, while at the same time continuing to embrace other "traditional" aspects of masculinity, such as self-reliance and toughness.

9:45 Different Aproaches to Trust
Ruth Fernandez Berrendo, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville
The current study investigated the degree to which individuals must trust in themselves in order to have trust for others. Results suggests a high degree of relation between these two factors, but gender of the participants did not influence the results.

10:00 Qualitative Analysis of Informal Prosocial Behaviors
Jamiela Isaiah, Claremont Graduate University
This phenomenological study aimed to describe this experience of informal help. Forty-four adults completed interviews and journals about giving and receiving help, and the accompanying thoughts and emotions. The results describe how people experience informal help. Particularly, the data reveal that people do in fact experience negative emotions around helping.

Automaticity

Sat 8:30AM - 10:20AM   Salon 06/07
Moderator: Mark Stambush, Muskingum University

9:15 Mental Health Stigma and Care Seeking in First Generation Indian Immigrants
Binoy Shah; Aamir Laique, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology
Indian immigrants face unique obstacles that reduce mental health care-seeking. Present
results suggest that rather than targeting public stigma, it may be more beneficial to
facilitate care-seeking by targeting disclosure of status. Specific paths to promote disclosure
were identified, and implications for anti-stigma efforts were discussed.

9:30 Gender Biases in Pain Perception
Gina Paganini, University of Denver; E. Paige Lloyd, University of Denver
Across two studies (N=168) this work examined gender biases in assumptions about pain exaggeration. Perceivers estimated male and female targets' pain

172

felt and pain *claimed* following injuries. Target gender by pain type interactions indicated that female targets were perceived to exaggerate more and downplay less than male targets.

9:45 Is Implicit Pro-rich Bias Shaped by Perceiver Gender and Status?

Bradley Mattan, University of Pennsylvania; Jasmin Cloutier, University of Delaware

Evidence suggests that men are more motivated to achieve social and economic influence. In an online sample of 175 participants, we found that being wealthy increases men's implicit pro-rich bias more so than for women. Findings suggest that normative implicit positive associations with the rich are nonetheless labile.

10:00 Testing Implicit Measure Convergence through Mathematical Modeling

Christopher Mellinger, University of Colorado Boulder

Implicit measures of similar attitudes do not show strong evidence of convergent validity. This work utilized mathematical modeling, which may yield more valid task score estimates, to test implicit task convergence under a "best case scenario." Little evidence of convergence resulted. Results are discussed in light of implicit measure validity.

Political Psychology III: Status, Power, and Morality

Sat 8:30AM - 10:20AM   Salon 03
Moderator: Penney Nichols-Whitehead, Ferris State University

8:30 Moral grandstanding: Status seeking and interpersonal conflict

Joshua Grubbs, Bowling Green State University

Using data from six studies, including longitudinal data and nationally representative samples, this presentation explores how the innate human tendency to seek status may be partially to blame for current issues of conflict and discord in public discourse.

9:00 Power is Conceptually and Empirically Distinct from Dominance and Prestige

Christopher Cannon, Northwestern University; Derek Rucker, Northwestern University; Adam Galinsky, Columbia University

This work provides evidence for Power as a prevalent leadership style that is conceptually and empirically distinguishable from the leadership styles of

Dominance and Prestige. Evidence is found using people's perceptions of real-world leaders as well as leaders across different professions.

9:15 Whites Identity × Social Dominance Orientation = Far-Right Extremism
(Max) Hui Bai, University of Minnesota
Evidence from five studies (total White N=7,209) shows that White American's racial identity centrality is related to self-reported levels of far-right extremism, and SDO can moderate the relationship between White identity and extremism such that the association is stronger for Whites with a higher level of SDO.

9:30 Ideological prejudice across the status spectrum and the underlying role of moral framing
Russell Steiger, DePaul University; Christine Reyna, DePaul University
Across three studies, we examined liberal and conservative differences in targets of prejudice. Conservatives held prejudice towards low-status groups, whereas liberals held prejudice towards high-status groups. In both cases, prejudice appeared to be characterized by perceptions of groups taking more resources than they deserve and being threats to society.

9:45 Political Independence: Cause and Consequence of Life Dissatisfaction?
Joseph Siev, The Ohio State University; Daniel Rovenpor, University of East Anglia; Richard Petty, Ohio State University, Columbus
This research highlights a novel feature of political independence: dissatisfaction with life. Results of three studies suggest independence may be both cause and consequence of dissatisfaction due to its inability to supply independents with psychological resources, including relational ties to political allies, that partisans derive from their political groups.

10:00 Correlates of Trust in Survey Research
Henning Silber, GESIS; Patricia Moy, University of Washington; Timothy Johnson, University of Illinois at Chicago
What cognitions and perceptions are associated with the extent to which individuals trust survey research? Our empirical efforts focus on four key correlates: perceptions of how surveys contribute to society; concerns about privacy; perceptions of the reliability of surveys; and beliefs about the intentions that motivate survey research.

Cognition: Aging

8:30 Age-associated executive dysfunction: The prefrontal cortex and complex decision making
Natalie Denburg, University of Iowa College of Medicine
In this talk, I will provide data supporting the claim that the frontal lobes undergo disproportionate age-related change. Implications of these brain-related changes for real-world decision making will also be discussed. Finally, data indicating how individual difference variables, such as emotion, personality, and stress, further contribute to age-associated executive dysfunction will be presented.

9:00 The Interaffect Relation in the Context of Stress and Age
Jessica Blaxton, Metropolitan State University; Niccole Nelson, University of Notre Dame; Cindy Bergeman, University of Notre Dame
Situating the interaffect correlation in a context of age, stress, and trait positive affect (PA) revealed that the correlation becomes more unidimensional as individuals age, adults with greater PA experience weaker correlations during stressful times, and stressful days relate to a weaker correlation among older adults compared to midlife adults.

9:15 Older Adults' Pupillary Reactivity in Response to Discrete Emotional Stimuli
Cheyene Horner, Cleveland State University; Sara Lautzenhiser, Cleveland State University; Eric Allard, Cleveland State University
The current study investigated potential age differences in discrete emotion regulation, as indexed via pupillary changes during a video viewing task. Results revealed that younger and older adults demonstrated similar reactivity and recovery profiles, with recovery emerging quker for fear-evoking stimuli relative to sadness and disgust.

9:30 Age Differences in Tracking Capacity of Moving Objects
Asenath Huether, North Dakota State University; Linda Langley, North Dakota State University
Multiple object tracking requires a viewer to track several targets as they move among distractors. An extension of previous research, the current study increased the number of targets to be tracked and total distractors in the array.

Older adults performed less accurately and tracked fewer objects compared to young adults.

9:45 Gaze and Age Differences Influence Implementation of Emotion Regulation Strategies
Scotti Howard, Cleveland State University; Eric Allard, Cleveland State University
This study examined the role of gaze on age-related differences in emotion regulation success as a function of stimulus intensity and strategy. Younger and older adults were successful when utilizing reappraisal in low intensity contexts. However, younger adults were less successful when focused on high-intensity regions of images during distraction.

Professional Development:
Graduate Student and Faculty Success

Sat 8:30AM - 10:20AM   Salon 02

8:30 Expanding Mentorship through the Mentor-Network Model
Amber Henslee, Missouri University of Science & Technology; Sara Johnson, Missouri State University; Cassie Sutton, University of Kansas; Mary Carey, Compass Health Network
The mentor-mentee dyad is widely used; however, this mentorship model often does not fulfill all the needs of graduate students and early career faculty. In this panel session, we will apply Rockquemore's "Mentor Map" to discuss the benefits of creating a mentoring network at various stages of professional development.

9:30 Supporting student research at teaching-intensive universities
Jordan Waldron, University of Indianapolis; Melissa Loria, Indiana University
Mentoring undergraduate students in research can be challenging at teaching-intensive institutions. This presentation will review practical strategies for supporting undergraduate research in the context of a high teaching load. The presenters will also emphasize the potential benefits of engaging in research at teaching institutions for both students and faculty.

Professional Development:
Applied Professional Development

Sat 9:30AM - 10:20AM   Salon 10

9:30 Applied Research Consultants: Facing real-world problems with applied psychological science
Christina Engelken, Southern Illinois University Carbondale; Stephen Berry, Southern Illinois University Carbondale; Emily Galeza, Southern Illinois University Carbondale; Erika Kline, Southern Illinois University Carbondale; Braeden Hall, Southern Illinois University Carbondale
Applied Research Consultants is a graduate student-run consulting firm specializing in focus groups, surveys, and complex data analysis. This panel will give research- and experience-driven advice to students and professionals on designing, analyzing, and presenting applied psychological research. Topics include incentivizing student participation, coding audio/video, data visualization, and forward-thinking examples.

Sat 8:30AM - 10:20AM   Exhibit Hall

1 Attitudes Toward Complementary and Alternative Medicine Integration In Counseling

LeeZa Ong, Marquette University; Carrie King, Mount Mary University
Counseling students' attitudes toward beliefs and personal experience with complementary and alternative medicine (CAM) integration in counseling practices were explored. The results indicated differences in ethnicity, gender, and age for attitudes toward CAM use, beliefs, and integration. CAM use and community-based health promotion in counseling practice were discussed.

2 Development of a Comprehensive Death Attitudes Scale

Mackenzie Glaros, Michigan School of Psychology; Christine Sebastian, Michigan School of Psychology; Holly Spencer, Michigan School of Psychology
Through an exploratory factor analysis, we propose that death attitudes encompass both adaptive and maladaptive variables. Data from 217 individuals resulted in a five factors related to death attitudes, including distress, acceptance, vulnerability, and two factors related to spirituality. These results suggest that death attitudes exist on a spectrum.

3 Essentialism and Perceived Legitimacy of Social Groups for Diversity Policies

Alexander Swan, Purdue University; Kayla Goldsmid, Purdue University; Lily Xiao, Smith College; Franki Kung, Purdue Unviersity
Essentialism is conventionally seen as harmful in regards to the perception of social groups. This research proposes and tests a new
perspective: Essentialism could help justify the distinct needs of some minority groups, contributing to the perceptions of legitimacy of target groups for diversity policies.

4 Induced Perspective-Taking and Intergroup Attitudes

Jessica Stephens, University of Texas at Arlington; Jared Kenworthy, University of Texas at Arlington
This project explored the relationship between induced cross-group perspective-taking in a non-fictional narrative story and resulting intergroup

attitudes. A composite of measures of bipolar (positive/negative) attitudes, warmth/coldness) and empathic concern were obtained and used for data analysis. A significant main effect of condition was found for the composite attitude ratings, $F(1, 95) = 4.396$, $p = .039$

5 Inequality and Subgroup Social Dilemmas
Jay Jackson, Purdue University Fort Wayne; Angela Howard, Purdue University Fort Wayne; Elaina McMullin, Purdue University Fort Wayne; Jacob Billman, Purdue Fort Wayne; Kyle Deck, Purdue University Fort Wayne
We examined how members of a six-person superordinate group reacted to a social dilemma when divided into two 3-person subgroups. The subgroups were either equal or unequal in economic status. Inequality hindered cooperation and this was mediated by reduced identity with the superordinate group. Different motives were influential.

6 Does Identification Interact with Group Cohesiveness to Affect Physiological Arousal?
Alyssa Puga, Texas Tech University; Sarah Hirsch, Texas Tech University; Joshua Brown, Texas Tech University; Zachary Hohman, Texas Tech University
We explored how identification interacts with group cohesion to affect members' physiological arousal. Participants were randomly assigned to high/low group cohesiveness in a mixed methods design and reported group identification. Highly identified members in low cohesion showed a greater decline in arousal relative to high cohesion.

7 The Role of Team Dynamics in Athlete Wellness
Jeff Kellogg, Marian University; Ryan Ventillo, Marian University
The relationship between team dynamics variables (cohesion, collective efficacy, team mental models, motivational climate) and indices of mental wellness (self-efficacy, self-esteem, well-being) was examined. TMM strongly related to self-efficacy and well-being, while social cohesion strongly related to self-esteem. Implementing interventions that increase team dynamics may improve individual mental health.

8 How Far Will We Go to Avoid Social Exclusion?
Laurette McIlwee, Depaul University; Ralph Erber, DePaul University; Kekoa Erber, DePaul University; Fiona Maylath-Bryant, DePaul University
Two studies investigated how to alleviate negative effects of exclusion and the beliefs people may change to avoid it. Results suggest high task

engagement may alleviate threats to the self (Study 1) and that people would change preferences and attitudes, but not moral beliefs, to avoid exclusion (Study 2).

10 Effects of excluding racial/ethnic and gender/sexual minorities from psychological research

Hannah Snidman, Bradley University; Samantha J. Lechowicz, Bradley University; Claire Etaugh, Bradley University

Racial/ethnic and gender/sexual minorities are underepresented in psychological research. We studied the effects of this form of microaggression by surveying 184 attendees at the 2019 American Psychological Association meeting. Compared to White, and to cisgender/heterosexual respondents, racial/ethnic and gender/sexual minorities, respectively, felt significantly less represented, and more ostracized by this underrepresentation.

11 Relationships Between Hostile and Benevolent Ageism and Sexism: Gender Matters

Claire Etaugh, Bradley University; Megan Bobrowski, Bradley University; Hannah Fauser-Hoyt, Bradley University; Haley Funk, Bradley University; Lauren Goldberger, Bradley University; Kelly Hicks, Bradley University; Samantha J. Lechowicz, Bradley University; Maja Mallory, Bradley University; Alexandra Phan, Bradley University; Christina Wiebmer, Bradley University

We studied relationships between hostile and benevolent ageism and hostile and benevolent sexism directed toward female and male targets by female and male respondents. Most correlations were positive and significant, supporting the model of authoritarian prejudicial thinking. Female respondents, compared to males, were less ageist and sexist, especially toward women.

12 White-on-White Confrontation: A Reanalysis

Kaelan Vazquez, DePaul University; Susie Chen, University of Pittsburg; Kevin Binning, The University of Pittsburgh

When do people confront? What allows people to confront other people especially when an offensive remark is made, and is it related to who is being confronted? In a reanalysis of data, people appear to confront when they do not fear negative judgment, have high self-esteem, and close social networks.

13 Development of the State Peer Pressure Susceptibility Scale
Micheal Waters, Western Illinois University; Kristine M. Kelly, Western Illinois University
Research into trait peer pressure susceptibility exists, however direct measures of state peer pressure susceptibility are missing from the literature. The current study developed such a scale that can be used in future research to measure peer pressure susceptibility as a temporary state rather than an enduring trait.

14 The Role of Optimism in Targets of Ostracism
Joan R. Poulsen, Indiana Purdue University at Columbus; Anna Carmon, Indiana University-Purdue University Columbus
Two studies investigated the role of optimism for targets of social ostracism. Using experimental and survey designs, findings suggest a small-moderate effect of optimism on the association between ostracism, self-esteem, and mood for targets. Results imply that learned optimism may be one strategy to consider for targets of chronic ostracism.

15 The Development of Math Gender Stereotypes in Early Elementary School
Marjorie Schaeffer, Saint Mary's College; Chris Rozek, The University of Chicago; Talia Berkowitz, University of Chicago; Susan Levine, University of Chicago; Sian Beilock, University of Chicago
What is the developmental timing and trajectory of math and reading gender stereotypes? Children reported who they viewed as good at math and reading from 1st through 3rd grade. Results showed that math gender stereotypes were already stable beliefs by the beginning of 1st grade whereas beliefs about reading varied.

16 Celebrity Scandals Revisited: Judgments about Sexual Assault
Doug Krull, Northern Kentucky University; William Platt, Northern Kentucky University
We investigated the effect of the accuser's sex, relative intoxication, the accused's excuse, and relative celebrity status using hypothetical scenarios. Female accusers were considered more credible, accusers were considered less credible when intoxicated and when the accused made a counter-claim of assault, but no effect of celebrity status was found.

17 Racial Microaggressions and their Relationships with DSM-5 Symptom Domains
Grace Cho, Roosevelt University; Amy Erlich, Roosevelt University; Lynn Weishaupt, Roosevelt University; Rebecca Kan, Roosevelt University; Susan Torres-Harding, Roosevelt University
Racial microaggressions might impact DSM-5 clinical symptoms. This study found that experiencing a range of racial microaggressions might contribute to sleep problems, dissociation, and DSM-5 clinical symptoms that indicate potential hyperarousal or physiological activation.

18 Death of the social self: Comparing ostracism to mortality salience
Rachel Taggart, Purdue University; Eboni Bradley, Purdue University; Janice R. Kelly, Purdue University; Maayan Dvir, Illinois State University; Kipling Williams, Purdue University
Is ostracism a metaphor for death? The current study indicates that ostracism and mortality salience operate differently. Ostracism leads to lower need satisfaction compared to mortality salience, whereas mortality salience increases death-thought accessibility compared to ostracism.

19 The Effects of Culture of Honor Beliefs on Belonging
Evan Johnson, Ohio University; Kimberly Rios, Ohio University; Cameron Mackey, Ohio University
Many students may feel like they don't belong in college based on their group membership. One often overlooked group are students from so called cultures of honor, which have norms that place high importance on reputation, responding to provocation, and social status.

20 Predictors of Antiracist Ally Actions
Samuel Eshleman Latimer, Xavier University; Donna-lyn Braun, Xavier University; Arielle Lewis, Indiana University-Purdue University Indianapolis; Tianna Vozar, Roosevelt University; Anna Cash-Ghee, Xavier University
Openness to feedback and nonracist attitudes may be important predictors of antiracist actions. We analyzed the relationship between nonracist attitudes, openness to feedback provider, and antiracist actions in a sample of White students. Racial accountability and low fear fully mediated the relationship between openness to feedback provider and antiracist actions.

21 School Readiness in Low-income, African American, Head Start Preschool Children
Alyssa Buthman, Eastern Michigan University; Natasha Bourgoin, Eastern Michigan University; Karen Glownia, Eastern Michigan University; Heather Janisse, Eastern Michigan University
The purpose of the current study was to examine school readiness of low-income, African American preschool children across one school year. Results show that students make significant gains in various aspects of development and the majority of students were ready for kindergarten at the end of the year.

22 Perceptions of Microaggressions and the Relation of Color-Blind Racial Attitudes
Alexandra Horton, Illinois State University; Brea Banks, Illinois State University
The present study explored the relation between color-blind racial attitudes and perceived offensiveness of scenarios that included racial microaggressions. We found that color-blind racial attitudes predicted offensiveness ratings. There were no interactions of race and gender for any of the scenarios however, there was a main effect for gender.

23 "They don't believe me": Racial Identity Navigation Among Multiracial Youth
Courtney Jones, Northwestern University; Leoandra Onnie Rogers, Northwestern University
Longitudinal interviews with 35 self-identified mixed-race children were analyzed to assess the messages multiracial youth are receiving about their racial membership and how that may contribute to their racial identity. Analysis attended to message source and valence, the alignment of messages between "self" and "other," and change over time.

24 In a Relationship with My Cellphone: Correlates of Cellphone Use
Cortney Busick, Radford University; Carly Pullen, Radford University; Nicole Iannone, Radford University
This study assesses characteristics that show people view their cellphone as a relationship partner and how these characteristics are associated with each other and personality traits. Results suggest that people feel their phone is similar to a relationship partner, and this is related to certain personality traits.

25 Implicit Versus Explicit Anthropomorphization Depends on Target and Reference

Dennis Poepsel, Daemen College; Shannon Lupien, Daemen College
The current study tested whether targets that vary in animacy, as well as one's person/thing orientation, differentially predict egocentric vs. homocentric anthropomorphization. Person orientation did not predict anthropomorphization for animate-like targets, but having greater person orientation may provide the ability to see human-like traits in an inanimate target.

26 Schemas Affect Encoding and Attributions in Hypothetical Peer Conflict Situations

Rachael Reavis, Earlham College; Ethan Perkins, Earlham College; Uyen Pham, Earlham College; Weronika Zielinska, Earlham College; Rance Albert, Earlham College; Robert Alba, Earlham College; Jerilyn Gillenwater, Earlham College; Thuong Nguyen, Earlham College
We examined whether schemas affect intent attribution and encoding in ambiguous peer conflict scenarios. Participants were given a schema, presented with cartoon depictions of ambiguous conflicts, and rated intentionality and memory of instigator's facial expression. Those with a negative schema rated actions as more intentional but encoding effects were mixed.

27 Reducing gender bias in STEM through self-affirmation and evidence-based arguments

Rita Knasel, The Ohio State University; Stephanie Reeves, The Ohio State University; Steven Spencer, The Ohio State University; Emily Cyr, University of Waterloo
We examined an intervention to reduce men's biases towards women in STEM. Male undergraduates first self-affirmed (or not), then read a persuasive article (or control) challenging stereotypes about women in STEM. Among those with high pre-intervention stereotype endorsement, those who received both self-affirmation and the persuasive article showed reduced post-intervention stereotype endorsement.

28 What I See vs What You Say in Impression Formation

Virgil L. Sheets, Indiana State University; Tyler Good, Indiana State University; Matthew Johnson, Indiana State University; Jordan Meadows, Indiana State University
In two experiments, participants formed impressions of people from videos in which self-descriptions were discrepant from cues displayed in their

environment. Environmental cues dominated impressions of "disorganization" but self-descriptions dominated impressions of "gender." A target's attempt to explain the discrepancies had relatively little effect on impressions formed.

29 Imagery Perspective Influences Reliance on Self-Beliefs
Jesse Ladanyi, Ohio State University; Russell Fazio, The Ohio State University
Some personality measures rely on self-beliefs while others rely on momentary reactions. After reporting their beliefs about their optimism, participants rated their endorsement of proverbs expressing caution or opportunity. Exposure to 3rd person (vs 1st person) images affected the way that people used their self-beliefs when reacting to proverbs.

30 Behavioral Script Evaluation in a Moving Window Paradigm
Jasmine Ahmad, DePaul University; Jessica M. Choplin, DePaul University
In a moving window paradigm, participants read text in a limited "window" and press a key to advance to the next word set. The current study utilizes a moving window paradigm to assess familiarity with social scripts. Script violation in one of three vignettes produced significantly slower reading times.

31 When is body-focused eye gaze objectifying and dehumanizing?
Thomas Budesheim, Creighton University; Jessica Hack, Creighton University; Taylor Gould, Creighton University; Charlie Maas, Creighton University; Maddy Kaye, Creighton University
Participants viewed an interview of a female job applicant from the perspective of an objectifying or non-objectifying male interviewer. Objectifying gaze significantly reduced judgments of the interviewer and judgments of the applicant, but only if they judged the interviewer's eye contact as inappropriate.

32 Socialization of Perfectionism in Print Media: A Longitudinal Analysis
Jessica Rohlfing Pryor, Northwestern University; Elisabeth Kee, Northwestern University
Perfectionism is on the rise (Curran & Hill, 2018). The present study assessed for the same pattern in the discussion of perfectionism in major print media. Using quantitative content analysis (Coe & Scacco, 2017) of Time magazine articles, results indicated a distinctive increase in frequency of textual references to perfectionism.

33 Reciprocity: An antecedent to fraud compliance

Charles Drehmer, DePaul University

Why do gifts work to influence people's behavior even if it is to their detriment? This study provides insights in the decision processes of consumers, who are asked to sign a contract, after a favor. This research can help people make better consumer decisions and avoid being fraud victims.

34 Better than Better than Average: Self-enhancement Among East Asians

H. David Smith, Northwestern University; Yuxiao Tan, The Chinese University of Hong Kong; Xingxing Deng, Institute for Advanced Research; Anxin Tang, Institute for Advanced Research; Chao Tang, Institute for Advanced Research; Dian Wang, Institute for Advanced Research

In a cross-cultural investigation of the better than average effect, Chinese and American participants were asked to compare themselves to similar participants on several prosocial but ambiguous dimensions (dependable, trustworthy, honest and law-abiding. Results indicated that Chinese participants rated themselves significantly more above average than American participants across all traits.

35 CREP Replication of Turri, Buckwalter, & Blouw (2015)

Jordan R. Wagge, Avila University; Braeden Hall, Avila University; Raven Josiah, Avila University; Savanna Stevens, Avila University; Gabrielle Walton, Avila University; Kaitlin Parrott, Avila University; Abigail Conner, Avila University; Carrie Sutherland, Avila University; Sydney Sleichert, Avila University

As part of The Collaborative Replications and Education Project, we completed a direct replication of Turri, Buckwalter, & Blouw (2015)'s study 1. The purpose of this study was to examine how people decide whether other people *know* or *just believe* something using Justified True Belief (JTB) Theory as a framework.

36 Are Frames Still Created Equal When Applied Cross Culturally?

H. David Smith, Northwestern University; Yuxiao Tan, The Chinese University of Hong Kong; Hannah Rice, Northwestern University; Anxin Tang, Institute for Advanced Research; Chao Tang, Institute for Advanced Research; Xingxing Deng, Institute for Advanced Research; Dian Wang, Institute for Advanced Research

The present study evaluates Chinese participants on three different types of framing effects, which consistently show that patterns of safe or risky choices vary when presented as gains versus losses. Two of the three types of effects

revealed choice patterns that were inconsistent with results typically seen among western participants.

37 Perceptions of bullshitters and liars: Do intent and consequences matter?

christopher cole, DePaul University; Laurette McIlwee, DePaul University; Ralph Erber, DePaul University

Liars know the truth; bullshitters don't. This difference in truth consciousness may affect perception. In 2 vignette-based studies, participants rated warmth, competence, & morality of BSers and liars (Study1) and BSers with malicious vs. benign intent (Study2). Liars and BSers with malicious intent were rated most negatively, regardless of consequences.

38 Attribute Framing for Side Effects of Medication

Alyssa Minton, DePaul University; Madeline Nievera, DePaul Univresity; Nathaniel Young, DePaul University; Joseph Mikels, DePaul University

We investigated how the framing of side effects for medications used to treat common health issues influenced the perceived riskiness and likelihood of taking that medication. Compared to the loss frame, people in the gain frame were more likely to take the medication, which was rated as less risky.

39 Handshakes Are Not The Same: Effects of Setting and Formality

Christopher Baker, UIC; Angela Eliopoulos, University of Illinois at Chicago (UIC); Samire Qosaj, University of Illinois at Chicago (UIC); Jonathon Bagnall, University of Illinois at Chicago (UIC); Onyedikachi Ebiringah, University of Illinois at Chicago (UIC); Efrain Leal, University of Illinois at Chicago (UIC)

Limited research investigates handshakes as nonverbal communication and focuses on traditional handshake styles (THS). Participants selected hand movements indicating their experiences across various settings. Analyses revealed significant likelihoods of choosing THS when greeting unfamiliar individuals or in formal settings, but alternative styles when greeting familiar individuals or in informal settings.

40 Description-experience Gap in Context-dependent Risky Decision Making

Inkyung Park, University of Iowa; Paul Windschitl, University of Iowa; Andrew Smith, Department of Psychology, Appalachian State University

Two studies tested for the presence of a description-experience gap in context-dependent decision making regarding risky hazards. Our findings revealed that the riskiness of a hazard was perceived differently as a function

of the riskiness of juxtaposed hazards, regardless of whether the risk information was learned from experience or description.

41 Sexual regret...then what?
Jill Coleman, Roosevelt University; Alana Friedlander, Roosevelt University; Janessa Garcia, Roosevelt University; Molly Antimarino, Roosevelt University

This study examined how men and women respond behaviorally to their regrets about casual sexual experiences. Our findings suggest that men and women show similar behavioral responses to regretted casual sex experiences, with similar numbers of men and women reporting that they stopped having casual sex after the regretted experience.

42 Perceptions of verbal sexual coercion
Antonia Stula, Roosevelt University; Jill Coleman, Roosevelt University; Molly Antimarino, Roosevelt University; Alayna Samson, Roosevelt University

This study investigated whether the perpetrator/victim relationship and the type of victim resistance influenced evaluations of verbal sexual coercion. The findings showed that physical resistance was associated with greater perceived normativity when the perpetrator and victim were a couple, and that both relationship and resistance type influenced judgments of responsibility.

43 Racial Differences in Social Pain Minimization
Kyle Benbow, Miami University; Jonathan Kunstman, Miami University

People believe Black individuals experience less social pain that White individuals. The current research tested whether Black individuals feel their social pain is minimized more than White individuals. We hypothesized that race differences in social pain minimization would also be associated with greater stress and worse mental health.

44 Treatment Stigma and Help Seeking in Rural Appalachia
Heather Headley, Marshall University; Penny L. Koontz, Marshall University; Maddisen Ellison, Marshall University; Rebecca Denning, Valley Health Systems; Emily Selby-Nelson, Cabin Creek Health Systems; April Fugett, Marshall University

Why do people hesitate to seek help when they experience behavioral health concerns? Research has identified barriers such as treatment stigma, psychological distress, public stigma, and anticipated benefits of therapy.

This study examines the relationship among those factors and their impact on help-seeking behavior in a rural, Appalachian population.

46 The Influence of Electrodermal Activity on Risk Taking

Risha Vaughn, DePaul University; Nathaniel Young, DePaul University; Joseph Mikels, DePaul University
Research suggests that physiological responses influence risk-taking behavior. Using a risky decision-making task and measuring sympathetic nervous system arousal, we hypothesized that variability in autonomic responses would influence risk taking. Results show that individuals' risk-taking is influenced by the dynamic nature of arousal across trials.

47 Information about Reasons of Other-Conformity Influences Evaluations of Target Behaviors

Ying Tang, Youngstown State University; Alexis Morales, Youngstown State University; Karah Taylor, Youngstown State University
Two studies (correlational Study 1 and experimental Study 2) revealed a positive relationship between people's positive evaluations of a popular target and their perception of its popularity as due to others-conformity under informational versus normative social influence. Implications for real-world decision-making behaviors are discussed.

48 Determining confrontation-worthiness: The role of relationship, mindset, and emotion

Jamie Patrianakos, Loyola University Chicago; Samantha Gasaway, Loyola University Chicago; Robyn Mallett, Loyola University Chicago
The negative emotional reactions we have when thinking about close others perpetrating bias lead us to deem a discriminatory event as worthy of confrontation. Evaluations of confrontation-worthiness may ultimately translate into an increased tendency to confront close others for discrimination.

49 Perceiving Medical Professionals: The Effects of Stereotypes and Gender

Keith Jones, Central College; Mariah Fritz, Central College
This experiment examined perceptions of female and male medical doctors and physician assistants. Following a vignette describing a health-care professional, participants indicated their perception and preference of the professional. Participants unexpectedly preferred a PA more than an MD. Sexist attitudes were related to perceptions of female but not male professionals.

50 Are There Racial Disparities in Perceived Quality of Scientific Research?

Khrisma McMurray, Indiana University Purdue University Indianapolis; Deidre Hall, Indiana University - Purdue University Indianapolis; M. Fazuan Abdul Karim, Indiana University - Purdue University Indianapolis; Leslie Ashburn-Nardo, Indiana University-Purdue University Indianapolis

Given that racial minorities are less likely to receive grants for their research, this study examines how race affects the perceptions of scientific research. Unexpectedly, no evidence of racially biased evaluations emerged. Since this is not consistent with real-world findings, other mechanisms such as research topic are likely implicated.

51 Anti-Atheist Personality Judgments of Narcissism, Machiavellianism, and Psychopathy

William Davis, Wittenberg University; Harley Paul, Wittenberg University

Participants (N=450) evaluated three targets (themselves, a typical religious person, and a typical non-religious person) in terms of the dark triad of personality: narcissism, Machiavellianism, and psychopathy. Participants rated non-religious targets higher in all three traits compared to religious targets and themselves. Participants' own religiosity predicted higher non-religious target ratings.

52 Meta-Analysis of the Association Between Contact and Attitudes Toward Muslims

Brock Rozich, University of Texas at Arlington; Jared Kenworthy, University of Texas at Arlington

The present study aims to remedy the underrepresentation of religious outgroups, specifically Muslims, in contact theory by providing a meta-analytic review of the relationship between contact and attitudes toward Muslims. Findings demonstrated that contact serves as a more effective method of prejudice reduction toward Muslims compared to other maligned outgroups.

53 Does Discrimination Evoke an Orientation Toward Materialistic Values?

Alexandra Horton, Illinois State University; Tyler Pederson, Illinois State University; Daniel Lannin, Illinois State University; Luke Russell, Illinois State University; Ani Yazedjian, Illinois State University; Jeremy Kanter, Illinois State University

The present study explored the relationship between race, discrimination, and materialistic values orientation (MVO). Results indicated greater experiences

of perceived discrimination predicted greater MVO across all racial identities. Given greater materialistic values are related to several negative outcomes, increasing MVO may be another way that discrimination harms minoritized populations.

54 SDO and Perceptions of Warmth, Competence, and Dehumanization

Armando Gutierrez, Texas Tech University; Taylor Cumpton, Texas Tech University; Blessen Brocke, Texas Tech University; Toni Oladute, Texas Tech University; Olivia Kuljian, Texas Tech University; Zachary Hohman, Texas Tech University

People differ in social dominance orientation (SDO), which affects perceptions of social outgroups. Regression analyses indicated that high SDO participants viewed a high competence/low warmth group more positively than low warmth/low competence groups, likely because they believed success and status as a direct result of skill and competency.

55 Why Do We Hate Each Other? The Impact of Internalized Misogyny

Kelsey Boring, Lindenwood University- Belleville; Trisha Prunty, Lindenwood University - Belleville

This study examined the degree to which women with internalized misogyny would judge a man and a woman differently even though they engaged in the same behavior. Results demonstrated that higher internalized misogyny was related to lower femininity and higher promiscuity ratings.

56 Reactions to Mental Illness: A Person*Situation Approach

Jay Jackson, Purdue University Fort Wayne; Rachel Schelling, Purdue University Fort Wayne; Angela Howard, Purdue University Fort Wayne

We examined how person variables (Big 5, Dark Triad, Empathy, knowledge, personal struggles with mental illness) and situational experiences (loved one with mental illness, frequency and quality of contact experiences with mentally ill persons) independently and in combination influenced thoughts, feelings, and behavioral intentions toward mentally ill persons

57 Coming up Aces: Attitudes towards Asexual People in Relationships

Sydney Floyd, University of Kentucky; Kyle Simon, University of Kentucky; Rachel Farr, University of Kentucky

We report preliminary results as to how non-asexual people perceive asexual individuals in romantic and/or sexual relationships and the potential mechanisms through which this anti-asexual bias may function. To do that, participants completed measures assessing various personality attributes and attitudes towards asexual people in relationships (ATAPIR).

58 Racial Bias in Adults' Perception of Children's Sensitivity to Pain

Shane Pitts, Birmingham-Southern College; Madison Foss, Birmingham-Southern College; Oliver Guice, Birmingham-Southern College; Emily Whitlock, Birmingham-Southern College

Black adults are assumed to feel less pain than Whites and children similarly misperceive pain sensitivity in other children. Using face-only images, we provide evidence that 4-5-year-old Black boys are perceived by adults as less sensitive to pain and as stronger and tougher than same-aged White targets.

59 Reversing Colorism, Blacks Attribute Favorable Traits to Darker Black Targets

Adea Kelly, Howard University; Lloyd Reynolds Sloan, Howard University

African American women reported perceived traits of, and feelings toward, attractive or average, light or dark skin-toned Black targets, and White women targets. Darker stimulus skin tone predicted more positive affective responses and perceived traits compared to light-skinned or white stimuli. Stimulus attractiveness didn't moderate skin tone impact on colorism.

60 Stereotypes and Ingroup Favoritism among Vegetarians and Omnivores

Samantha Smith, Southern Illinois University of Edwardsville; Carlee Hawkins, Southern Illinois University Edwardsville; Janina Steinmetz, Cass Business School

To better understand stereotypes against vegetarians, we assessed self-stereotypes (how vegetarians view themselves), meta-stereotypes (how vegetarians believe omnivores view them), and outspokenness in a sample 140 vegetarians. Vegetarians viewed themselves more positively than they believed that omnivores viewed them, and positive self-stereotypes were correlated with outspokenness.

61 What is your prejudice?: Predicting prejudice towards Greek members

Evan Stilgenbauer, University of Northern Iowa; Helen C. Harton, University of Northern Iowa; Riley Rodemaker, University of Northern Iowa; Matthew Sedlacek, University of Northern Iowa

Participants completed measures assessing prejudice toward Greek members. Agreeableness, perceived similarity, contact, Greek membership, and biological sex predicted prejudice toward Greek members across three models; similarity was the only significant predictor in all models. Group identification may be a stronger predictor than personality for some types of prejudice.

63 Deception and Identity-Confusion: Factors of Anti-Transgender but not Anti-Atheist Prejudice
Rebecca Totton, Ohio University; Kimberly Rios, Ohio University
In two studies, participants expressed more prejudice, greater perceived deception, and greater perceived identity-confusion towards transgender in comparison to atheists. Post-hoc analyses revealed that transgender individuals whose identities were discovered were viewed as both more confused and more deceptive than either atheist condition (all ps < .01).

64 Overlapping Prejudices: Sexism, Racism, and Gender System Justification
Mackenzie Kirkman, Marquette University; Debra Oswald, Marquette University
Endorsement of sexist beliefs are significant predictors of gender system justification. In addition, endorsement of symbolic racism predicts gender system justification when controlling for sexist beliefs. This suggests prejudicial attitudes maintain unfair social systems across social identities..

65 Violence is Violence – or Is It?
Anni-Liis Lohmus, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville
The current study investigated the degree to which a woman's past history of abuse would impact participant opinions about the length of her sentencing after committing a crime. For violent crimes against abusers, participants largely felt the woman deserved a more lenient sentence.

66 Racial Bias in Medical Students' Pain Perceptions and Treatment Decisions
Thomas Budesheim, Creighton University; Jessica Hack, Creighton University; Maddy Kaye, Creighton University; Charlie Maas, Creighton University; Taylor Gould, Creighton University
Medical students judged the pain tolerance/sensitivity of various racial groups and were asked how they would treat post-operative pain in a detailed case involving either a White or Black patient. Minorities were judged significantly more pain tolerant than Whites and were treated differently in the medical case.

67 Existential Motivation and the Expression and Regulation of Religious Faith.
Madhwa Galgali, Cleveland State University; Kenneth Vail, Cleveland State University

Mortality salience can lead believers and atheists to activate religious intuitions, but though atheists may recognize the appeal they may regulate those intuitions to protect their belief. Among Christians, MS increased desire for and belief in religious concepts. Among atheists, MS increased desire for but not belief in religious concepts.

68 The IAT Experience
Elisabeth Noland, Purdue University; Margo Monteith, Purdue University; Laura Hildebrand, Purdue University
We examine whether the IAT serves as a tool for raising awareness of implicit biases and motivates people to prevent such biases from influencing their responses. Results suggest that the IAT increases negative self-directed affect and motivates bias self-regulation among participants who are high in IMS.

69 Gender and the Use of Degrading and Aggressive Sexual Language
Sydney Matteson, Kenyon College
Women's and men's use of degrading and aggressive sexual language was examined, and correlated with a measure of sexual agency. Men were generally more likely to use degrading and aggressive language, except within an intimate partner context; and in that context women's sexual agency predicted their use of such language.

70 Attributions to God and Satan for Major Historical Events
Doug Krull, Northern Kentucky University
Two studies investigated religious attributions for major historical events (e.g., Allies defeating Nazi Germany). Beliefs about God's versus Satan's power predicted greater attributions to God. Attributions to God were greater for positive events, but attributions to Satan were greater for negative events. Religiosity predicted attributions for positive and negative events.

71 Religious People are More Intuitive and Less Analytical, Aren't They?
Doug Krull, Northern Kentucky University
Although previous research suggests that religious people tend to be more intuitive and less analytical than non-religious people, the current research found that highly religious people were higher in analytical thinking and in scientific reasoning. This suggests that the relationship between religiosity and reasoning might not be linear.

72 Perceptions of the Police: the Role of Thinking Disposition

Carolyn Pham, University of Northern Iowa; Jiuqing Cheng, University of Northern Iowa

This study replicated the role of demographic variables in how public perceived the police. Furthermore, the study found need for cognition and numeracy were significantly positively related to perceptions of the police. The study also highlighted the importance of education as a possible means to improve perceptions of the police.

Psychology of Teaching

10:30 Body-Esteem,Math-Science Self-Confidence, and Masculine Gender-Role Identity

Claire Etaugh, Bradley University; Hannah Fauser-Hoyt, Bradley University; Lauren Goldberger, Bradley University; Kayli Gorrie, Bradley University; Mariela Jasso, Bradley University; Samantha J. Lechowicz, Bradley University; Nina M. Puccinelli, Bradley University; Hannah Snidman, Bradley University; Deanna Wiggin, Bradley University
Women displayed poorer body-esteem and less self-confidence in math/science than did men. However, women's greater masculine gender-role identity correlated positively with their math/science self-confidence . In turn, women's math/science self-confidence correlated positively with favorable body-esteem. These results suggest that greater masculinity (i.e.,agency) may play a protective role in supporting women's healthy body-esteem.

10:45 Roses and Thorns: Developing Students' Metacognition

Amanda Hall, Butler University; Christopher Devers, Johns Hopkins University; Erin E Devers, Indiana Wesleyan University; Tina Chen, Indiana University-Purdue University Indianapolis
This project evaluated the use of the "rose and thorn" activity, which is designed to help students think about what they learned and areas where they need additional support, in an effort to help improve students' metacognition. Overall, students self-reported that the activity helped them monitor their learning.

11:00 Differential Impacts of STEM Recruitment Strategies

Colleen Cowgill, Ohio University
We asked if STEM interventions that emphasize the lack of women in STEM make women less likely to pursue STEM. In one study, women demonstrated higher implicit identification with STEM after a presentation that did not emphasize the lack of women in STEM versus a presentation that did (or a

11:15 Grit and Conscientiousness as Predictors of Grade Point Average (GPA)

Sarah Swanson, Gonzaga University; Adam Stivers, Gonzaga University; Ian Rasmussen, Gonzaga University

Our study provides a test of the relationship between grit (perseverance and passion) and conscientiousness as predictive factors of GPA. Although grit showed a positive association with college grade point average (GPA), this effect did not persist when controlling for trait conscientiousness.

11:30 Experimental Evaluation of an Online Implicit Bias Education Program

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

We developed and evaluated a brief online educational program to teach students about implicit bias. In two high-powered samples of college students, the program increased objective and subjective bias knowledge, increased awareness and responsibility of one's own bias, and had no effect on negative affect or belonging.

11:45 Scientific Challenges Elevated Perceived Harassment of Sexist Remarks

Loretta Stalans, Loyola University Chicago; Monica Contractor, Loyola University Chicago

Students (N = 240) were randomly assigned to read a vignette involving a sexist remark that contained one of three responses to the sexism. Discounting with science compared to a laughing or ignoring elevated the perceived harassment of sexist remarks, and was rated as a more appropriate response.

12:00 The Influence of a Social Threat and Task Difficulty on Performance With Regards to Social Personal

Nicholas Gray, University at Buffalo; Dwight Hennessy, Buffalo State College

When participants were told that their success or failure on a given task would be seen and subsequently judged by both their faculty and fellow students they were less likely to complete the task. One measured personality variable was able to have a positive impact on performance; Type A Stress.

Bias in Social Perception

Sat 10:30AM - 12:20PM   Salon 02
Moderator: Kathleen Schmidt, Southern Illinois University Carbondale

10:30 The influence of race on perceptions of physical size and threat
John Paul Wilson, Montclair State University
I will discuss a series of studies in which perceptions of others' size and strength were systematically biased by race, such that Black men and women are judged to be larger and stronger than comparably sized Whites. Such biases may have damaging consequences for interpersonal interaction and threat judgments.

11:00 Perceptions of criminals' pain sensitivity: Jail predicts hardening of perceptions
Pamala Dayley, Pennsylvania State University - Abington Campus; E. Paige Lloyd, University of Denver; Kevin Summers, University of Denver; Michael Bernstein, Penn State Abington
We investigated how perceived pain sensitivity changed as a function of whether the target spent time in jail or not. Across two studies, we found that people who spent time in jail were seen as having lower pain sensitivity. We discuss the results in terms of future research.

11:15 The Impact of Race and Class on Social Pain Judgments
Brielle Johnson, Miami University; Jonathan Kunstman, Miami University
People believe Black targets are less sensitive to social pain than White targets based on experiences of hardship. The current research aims to extend these findings by examining the interaction of race and social class on judgments of social pain.

11:30 How Stereotypes Influence Judgments of Eating Disorder Risk
Miriam Clayton, University of Colorado Boulder; Bernadette Park, University of Colorado Boulder; Sona Dimidjian, University of Colorado Boulder
Eating disorder (ED) behaviors may be perceived differently based on identity characteristics. We evaluated whether risk perceptions of ED-related behaviors varied by target gender, age, race, and SES. Participants rated risk higher for women, younger targets, and White targets. This indicates stereotypes may influence lay perceptions of ED-related behaviors.

11:45 Poverty and pain: Low-SES people are believed to be insensitive to pain
Kevin Summers, University of Denver; E. Paige Lloyd, University of Denver; Jason Deska, Ryerson University; Steven Almaraz, Miami University; Kurt Hugenberg, Indiana University
Across layperson and medical provider samples, we demonstrate that low-SES individuals are stereotyped as less sensitive to pain than high-SES individuals. This SES-pain-link generalizes across race and is observed for 5-year-old targets. This effect is mediated by perceptions of life hardship, and has consequences for pain treatment decisions.

12:00 Racial Bias in Perceptions of Self-perpetrated Social Pain
Alejandro Trujillo, Miami University; Jonathan Kunstman, Miami University
We tested whether perpetrator role (self v. other) moderated racial biases in social pain judgments. Regardless of whether harm was believed to be caused by the self or others, participants predicted that Black targets would experience less social pain than White targets.

<center>**Prosocial Behavior**</center>

Sat 10:30AM - 12:20PM   Salon 06/07
Moderator: Allison Womack, University of Missouri

10:30 The Powerful (but Constrained) Strength of Behavioral Interventions
Hannah Waldfogel, Northwestern University; Loran Nordgren, Northwestern University
Interventions can powerfully alter behavior, but also frequently fail to produce intended results. The current work tests the effectiveness of well-known interventions and demonstrates that the impact an intervention has on behavior depends upon the degree of balance between the desire to act (motivation) and the cost of action (effort).

10:45 Meaning Motivated Community Action
Taylor Nelson, North Dakota State University; Clay Routledge, North Dakota State University
Meaning in life is vital for well-being. In a preliminary study ($N = 399$), we found that the need for meaning (NFM) was related to intrinsic goals, such as community engagement. In a follow-up study ($N = 611$), we found that the NFM uniquely predicted volunteering and charitable giving.

<center>199</center>

11:00 More Unequal, Less Green: Inequality Undermines Pro-Environmental Behavior
Jiaqian (Jane) Wang, Northwestern University; Angela Lee, Northwestern University
Using Google Trends, archival data and online experiments, five studies show that inequality, either actual or perceived, is correlated with less pro-environmental actions. While appealing to other-focused benefits can be effective when inequality is low, appealing to people's economic self-interest can be more persuasive when inequality is serious.

11:15 From Experience to Environmentalism: Pet Mind Ascription Predicts Proenvironmental Outcomes
Brandon Humphrey, Miami University; Tyler Jacobs, Miami University; Allen McConnell, Miami University
Protecting the environment is important, and pet ownership may facilitate this protection. We found that people who view their pets' minds as possessing greater capacity for experience showed greater environmental concern, greater moral inclusiveness, and more proenvironmental behavioral intentions, suggesting that particular aspects of pet ownership could promote proenvironmental action.

11:30 BDSM Sadists Demonstrate Prosocial Manifestations of Sadism
Jennifer Erickson, Northern Illinois University; Brad Sagarin, Northern Illinois University
532 BDSM practitioners and non-practitioners completed measures of everyday sadism, empathy, the HEXACO, and the Dark Triad. Consistent correlations with everyday sadism were found. BDSM sadists differed from BDSM tops only for nonconsensual physical sadism. This suggests BDSM sadism might represent a prosocial manifestation of subclinical sadism.

11:45 Empathy Predicts Subjective and Physiological Reactivity to Other's Distress
Keri Stewart, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
The effects of decreased empathy were viewed through subjective affectivity and physiological changes from vagal activity, measured by respiratory sinus arrhythmia (RSA) in response to a sad film clip (SF). Lower levels of empathy predicted decreased emotional responses and resting RSA, however, during SF, lower empathy led to RSA augmentation.

Cognition: Learning and Education II

Sat 10:30AM - 12:20PM   Salon 12
Moderator: Susan Amato-Henderson, Michigan Technological University

10:30 Motivation and Strategy Use in Adult Second Language Learning
Jennifer Martin, University at Albany, SUNY; Jeanette Altarriba, University at Albany, State University of New York
This study examines the relationship between motivation, strategy use, demographic variables, and learning outcomes for adult second language learners and provides an encouraging avenue of continued examination of variables such as compensatory strategies (e.g., context clues).

10:45 Do Students Regulate Self-testing as a Function of Item Difficulty?
Sabrina Badali, Kent State University; Katherine Rawson, Kent State University; John Dunlosky, Kent State University
Retrieval practice is beneficial for both easy and difficult items, but how do students regulate their use of self-testing as a function of item difficulty? Students' self-regulated study choices were compared for easy and difficult items and compared to a criterion group to assess the effectiveness of their self-regulated choices.

11:00 Do Prediction Activities Improve Learning-by-Explaining from Science Texts?
Tricia Guerrero, University of Illinois at Chicago; Thomas D. Griffin, University of Illinois, Chicago; Jennifer Wiley, University of Illinois at Chicago
Although learning-by-explaining activities are often beneficial for learning from science text, the added benefit of prompting students to make predictions prior to seeing the results of empirical studies is unclear. In this study, making predictions while reading did not improve comprehension or comprehension monitoring from psychology textbook excerpts.

11:15 Mnemonic Benefits of Elaborating with Examples
Rebecca Osborn, Colorado State University; Edward DeLosh, Colorado State University
During learning, students are often provided examples to encourage elaboration. With the little empirical research done with examples and memory, there is some mixed findings. Through replication and procedural modifications, we try to identify the missing connection among the current literatures.

11:30 LEARN (listen, elaborate, associate, retrieve, & night) for student success.
Karla Lassonde, Minnesota State University
Students overwhelmingly choose strategies that do not facilitate learning. They lack information from cognitive psychology that could transform learning. The LEARN method, which instructs students on the following concepts: Listening, Elaborating, Associating, Retrieving, and Night has been piloted in a variety of classrooms and best practices will be discussed.

11:45 Predicting Student Engagement with Academic Buoyancy and Rejection Sensitivity
Rachel Najdek, Western Illinois University; Kristine M. Kelly, Western Illinois University
Academic buoyancy has been defined as students' ability to successfully deal with adversities that are typical to academic life. In a sample of college students, we found that academic buoyancy and rejection sensitivity significantly predicted direct communication with faculty but not class attendance.

12:00 Tutoring: Student Success in an Online Environment
Christopher Devers, Johns Hopkins University; Erin E Devers, Indiana Wesleyan University; Paul Miller, Johns Hopkins University
This project explored the impact that online tutoring had on low performing students, as measured by the Northwest Evaluation Association Measures of Academic Progress tests. By the end of the semester, low performing students that received tutoring performed significantly better than similar students who did not participate in the program.

Motivation

Sat 10:30AM - 12:20PM   Salon 10
Moderator: TBD

10:30 Mind the Gap: How Guessing at an Unknown Influences Curiosity
Audra Jensen, Northern Illinois University; Amanda Durik, Northern Illinois University
Curiosity emerges when individuals recognize a gap in their knowledge, and it is accentuated when that knowledge gap is small. This experiment showed an unexpected reversal of this effect when individuals were asked to guess the content of the missing information (i.e., the gap).

10:45 Perception of Eating and Exercise Behaviors in Men and Women
Katheryn Landsbaum, Lindenwood University Belleville; Trisha Prunty, Lindenwood University - Belleville
This study examined the perceptions of men and women's eating and exercise behaviors. Societal normalization of unhealthy eating and exercise behaviors may be promoting eating disorders. The findings from this study suggest a major error in society's beliefs of what constitutes healthy eating and exercise behavior.

11:00 Predictors of Self-Determination among Adults with Brain Injury
Julia Thomas, Illinois Institute of Technology; Chanae Duff, Illinois Institute of Technology; Kristina Johnson, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology
The literature examining self-determination in adults with brain injury is limited. This study examined personal, environmental, and problem-solving variables as predictors of self-determination. Hierarchical regression analysis demonstrated that greater perceived symptom severity and lower problem-solving confidence were significant predictors of self-determination among adults with brain injury (N = 143).

11:15 Out of the Classroom and Into Science
Mansi Joshi, Indiana University; Amanda Diekman, Indiana University
Research focusing on persistence in STEM has mostly occurred within highly-structured *formal* domains of learning such as in classrooms. The present work explores engagement in loosely-structured *informal* domains of learning, such as in extracurricular activities, for factors associated with persistence in STEM (e.g., motivation and success attributions).

11:30 Self-efficacy, Behavioral Engagement, and Academic Performance in a Flipped Classroom
Bushra Aldosari, Kent State University; Bradley Morris, Kent State University
The study examined factors that might affect students' academic performance in a technical college physics flipped classroom by examining the relationship between gender, self-efficacy, behavioral engagement, and academic performance. The results showed that self-efficacy and behavioral engagement had a direct positive effect on students' academic performance.

Invited Workshops

Cross-Lags and "Causality": New Analytic Methods for Panel Models and Intensive Data

Steven Miller
Rosalind Franklin University of Medicine and Science

Sat. 10:30AM – 12:20AM   Salon 4

The cross-lagged panel model (CLPMs) is a psychological science "workhorse." Statistical and methodological developments have changed CLPM analytic practices. This workshop will examine (1) random intercept CLPMs, (2) mediation in RI-CLPMs, and (3) cross-lags for intensive data. New developments in CLPMs will be discussed and Mplus examples will be provided.

Symposium

Evidence-Based Treatments: Family First Prevention Services Act

Sat 10:30AM - 12:20PM   Salon 01

The Family First Prevention Services Act (FFPSA) is a national initiative for states to utilize Evidence-Based Treatments (EBTs) within their child welfare systems. The goal of the FFPSA program is to deliver EBTs in an effort to reduce the likelihood of more restrictive treatments (such as congregate care or out-of-home placements) for troubled youth. States that are compliant with FFPSA will have access to major funding sources to implement and deliver these treatments. The use of these funds is justified in the model of

offering preventative services will decrease the need for these funds later. But will it work? Those involved in the child welfare systems are often struggling with complex, multidimensional challenges. Unfortunately, these children and families are often not subjects of study in research. In those studies that *have* included these youth, how strong are the outcomes? In the end, how applicable are the available evidence-based treatments? The FFPSA has endorsed treatments to be utilized within this framework as effective interventions for troubled youth and/or their caregivers. This presentation will include overviews of endorsed treatments and critically review their outcomes and applicability to youth and families characteristic of the child welfare system. Implications for the child welfare system and clinicians will be explored.

A Review of Healthy Families America for child welfare youth
AYESHA ARORA, Chicago School of Professional Psychology Jordan Stein, Phoebe Ka Yin Tse

A Review of Multi-Systemic Therapy for child welfare youth
EDVINAS KASKAUSKAS, Chicago School of Professional Psychology

Review of Families Facing the Future for child welfare youth
Tatiana Ruth Leibman

Review of Parent-Child Interaction Training for child welfare youth
DANAE ROLLET, Chicago School of Professional Psychology, PHOEBE KA YIN TSE, Chicago School of Professional Psychology

A Review of Trauma-Focused CBT for child welfare youth
JORDAN STEIN, Chicago School of Professional Psychology

Symposium

Values, Beliefs, and Motives in Nationally Representative Samples

Sat 10:30AM - 12:20PM   Salon 03

Political polarization in the U.S. is at a generational high, and partisans' estimations of polarization are even more extreme than actual polarization. This polarization has led to renewed interest in how political values shape and are shaped by various other aspects of social identity, individual differences, and personal background. The present symposium seeks to examine these domains in a systematic way, examining how basic human drives, religious beliefs, and values influence and are influenced by political identity. All presentations in this symposium make use of a weighted, nationally representative sample of U.S. adults (Total N = 2,519) collected in August of 2019, as well as secondary samples from diverse sources. Joel Engelman, M.A., will examine how religious background is related to civic engagement among religious nones (i.e., those who have left religion). Brinna Lee will examine how sexual values are shaped by partisan identity and religious belief. Finally, A. Shanti James will examine how fundamental social motives influence political identity and affective polarization, demonstrating that some aspects of polarization are more driven by innate drives that by personal identity. The implications of these diverse political themes will be discussed.

Politics, Pleasure and Passion: Examining Sexual Values and Incongruence
B. Lee, Bowling Green State University; J. B. Grubbs, Bowling Green State University

Exited but Engaged: Civic Engagement Among Religious Nones
J. ENGELMAN, Bowling Green State University; J. B. GRUBBS, Bowling Green State University

Fundamental Social Motives in the Context of Affective Polarization
A. S. JAMES, Bowling Green State University; J. B. Grubbs, Bowling Green State University

Sat 10:30AM - 12:20PM   Exhibit Hall

1 Self-compassion and Depression Across Culture: Emerging Adults in China and the United States.

HanNa Lee, Loyola University Chicao
Self-compassion is a strong protective factor for depression. The values behind self-compassion are rooted in Asian cultural teachings, therefore, outcomes may differ across non-Western and Western cultures such as China and the US. Strong adverse effects of high over-identification for those of collectivistic backgrounds suggest pernicious risk factors for depression.

2 Latino/a/x Families as Equal Stakeholders and School Change Agents

Mikaely Schmitz, University of Wisconsin Milwaukee; Myah Pazdera, University of Wisconsin- Milwaukee
Discontinuities between parent and teacher perspectives are a long-standing focus in the exploration of educational and developmental outcomes for Latino/a/x individuals. This study engaged Mexican and Puerto Rican parents and students as active participants in school change by using Theory of Change (TOC) as a methodological tool to enhance participation.

3 Marital Satisfaction among Ghanaian Couples in Ghana and the Diaspora

Esther Malm, Murray state University; Mabel Oti-Boadi, University of Ghana; Nana Ama Ado-Boakye Kanyi, Health and Well-Being International; Aba Andah, Health and Well-Being International
A study on marital satisfaction among Ghanaians in Ghana and the diaspora showed that positive behaviors were linked to marital satisfaction except one negative behavior – beatings/slaps. Findings suggest cultural influences of normalized negative behavior and may indicate cultural perceptions of marital satisfaction in the midst of negative behaviors.

4 The Ameliorating Effects of Self-Control on Neuroticism

Eugene Mathes, Western Illinois University; David Lane, Western Illinois University
The purpose of this research was to test the hypothesis that self-control can ameliorate the negative effects of neuroticism. Participants filled out

measures of neuroticism, self-control, subjective wellbeing, and psychopathology. Interactions between neuroticism and self-control were predicted and support for the hypothesis was found.

5 Headphones on, Volume up: Regulating Sadness with Sad Music
Kendall Ladd, Illinois State University; Jeffrey Kahn, Illinois State University
Occasionally, individuals find themselves listening to sad music when experiencing sadness. The tragedy paradox states that we do so because we find sad music pleasurable. Why is this the case? This study evaluates the emotion regulation strategies individuals implement when listening to sad music when in a sad emotional state.

6 Emotion Socialization and Psychological Distress: Mediating Role of Emotional Intelligence
Madelyne Losby, Iowa State University; Monica Marsee, Iowa State University; David Vogel, Iowa State University
Parallel mediators of emotion recognition and emotion regulation were examined in the relationship between emotion socialization as a child, and current emerging adults' psychological distress. Mediation analyses examined supportive and non-supportive socialization strategies separately. Results demonstrated that emotion recognition, not emotion regulation, had a large effect, giving implications

7 Regulating Sadness: Interpersonal and Emotional Benefits of Listening to Music
Jeffrey Kahn, Illinois State University; Kendall Ladd, Illinois State University; Destiny Feltner-Williams, Illinois State University; Amanda Martin, Illinois State University; Brooke White, Illinois State University
Listening to music when sad is a common emotion-regulation strategy, yet the benefits of this often-solitary strategy are not well known. This study compared the anticipated interpersonal and emotional benefits of listening to music when sad as compared to other common emotion-regulation strategies.

8 Emotion regulation as a mediator between self-compassion and social anxiety
Da Ye Lee, University of Toronto; HanNa Lee, Loyola University Chicao
Self-compassion is understanding towards oneself during suffering, which negatively correlates with social anxiety. However, less is known about the effect of emotion regulation. Therefore, the current study examined the role of emotion regulation in the interaction between self-compassion and social anxiety and found that emotion regulation acted as a mediator.

9 Enhanced alpha oscillations to text-driven emotional scripts
Casey Brugh, Murray State University; Xavier Brown, Murray State University; Brooke Short, Murray State University; David Herring, Murray State University
Text-driven scripts were used to elicit emotional imagery. EEG were recorded while participants imagined various pleasant, unpleasant, and neutral scripts. Preliminary data indicates an increase in alpha band activity in the parietal region that is stronger for pleasant stimuli relative to unpleasant and neutral scripts.

66 Deliberation Relates to Emotion Perception Accuracy in Young and Older Adults
Anthony Villalba, University of Akron; Andrea Bugariu, University of Akron; Jacob McClellan, University of Akron; Jennifer Stanley, University of Akron
Fixations to emotional choices during an emotion perception task were recorded in young and older adults. Participants deliberated over anger, fear, and sad trials most often. For young adults, more fixations to choices on neutral trials were related to worse accuracy, while older adults showed the same relationship for disgust

11 How Much is Enough? Dose-Response in Animal-Assisted Intervention
Angela Fournier, Bemidji State University; Javiann Lewis, Bemidji State University; Alyssa Pajari, Bemidji State University; Emma Pasiuk, Bemidji State University; Elizabeth Letson, Bemidji State University
This study examined dose-response relationships between human-animal interaction (HAI) and subjective distress. College students (N = 125) completed reported mood after experiencing varying doses of HAI. Dose-response curves indicate a nonlinear relationship between HAI dose and subjective distress. Findings will be discussed in terms of intervention efficacy and therapy-animal workload.

12 Sexual Exploitation of People with Mental Illness
Raina Isaacs, Illinois State University; Guy Boysen, McKendree University
Researchers have identified cues that people perceive as signaling a women's vulnerability to sexual exploitation and many of the cues overlap with signs of mental illness. The current research documents the perception of mental illness as a cue that a person is vulnerable to sexual exploitation.

13 Assessment of the Mate Retention Inventory Using Item Response Theory
Patrick Nebl, Elmhurst College; Mark McCoy, Bowling Green State University
The goal of the current research is to subject the Mate Retention Inventory-SF to psychometric analysis using item-response theory. We conclude that the MRI is a good scale, especially for assessing male behavior, but it could be improved for assessing female behavior and individuals lower on overall mate retention behavior.

14 Regain or replace fitness: Parents' reactions toward LGB offspring
Gabriel Escudero, Saint Xavier University; Ciara Nichols, Saint Xavier University; Angela Pirlott, Saint Xavier University
This study sought to demonstrate how perceptions of loss of fitness influence parents' behavioral reactions toward their LGB offspring. Results indicated LGBs reported their parents attempted to deny their sexual orientation, convert their sexual orientation to heterosexual, and/or minimize investment in them after "coming out" as LGB.

15 Existential threat fuels worldview defense, except after priming autonomy orientation.
Alexis Goad, Cleveland State University; Kenneth Vail, Cleveland State University
This study explored the relationship between self-determination theory and terror management theory, specifically the possible moderating role of autonomy in existential defensiveness. Results found that autonomy eliminates the need for worldview defensiveness, even if the salient worldview utilized for defense is positive and prosocial.

16 The Effects of Issue Framing and Partisanship on Issue Support
Sydney Williams, Central College; Randall Renstrom, Central College
This study examined the role of issue framing and motivated reasoning in opinion formation. Participants read mock newspaper articles about a controversial topic (KKK rally) and reported their opinions. It was hypothesized opinions would align with the frame of the article, especially when endorsed by a co-partisan in the article.

17 Political Messages and Political Behaviors Predict Political Identity Formation
Christina Shane-Simpson, University of Wisconsin Stout; Anna Schwartz, Boston College; Tatiana Bakken, University of Wisconsin-Stout

This study investigated the role of political messages on political identity formation. 563 college students took an online survey assessing their political identity. Findings suggest that political messages can predict one's commitment and exploration of political identity, while also highlighting the stability of political identity during adolescence and emerging adulthood.

18 The Effect of Sexual Misconduct on Political Decision-Making
Brier Gallihugh, Eastern Michigan University; Stephen Jefferson, Eastern Michigan University
With this study, I examined the role that participant and candidate political ideology has on how participants evaluate said candidate, particularly if this candidate has been accused of sexual misconduct. Results indicate that both participant and candidate political ideology interact and influence how participants evaluate a political candidate.

19 Linking Liberalism to Environmental Threats and Conservatism to Terrorism and Crime
Dylan Pieper, University of Northern Iowa; Helen C. Harton, University of Northern Iowa; Hiroki Hirano, University of Northern Iowa
Participants completed self-report measures that were designed to either prime environmental concerns or terrorism/crime. Overall, these primes had no main effect on political attitudes or political orientation. However, environmental concerns did increase sadness, which was associated with more liberal political attitudes, suggesting that threats do not favor conservatism.

20 Do You Like Me Now? Students' Perceptions of Candidate Characteristics
Penney Nichols-Whitehead, Ferris State University; April Wilson, Ferris State University
Using data from 2016 & 2018 political engagement assessments, we examined the impact of the 2016 election and the Trump Presidency on students' ratings of the importance of a political candidate being smart/capable, fair/unbiased, & compassionate/caring about all people. Results suggest that students, like the nation are further polarized now.

21 Surprising Associations between Parenting Style, Academic Performance, and Financial Aid
Jessica Hodges, Murray State University; Amanda Joyce, Murray State University
This project evaluated correlations between academic performance, parenting

styles, and financial assistance students receive. Results suggest that parenting styles relate to financial assistance in surprising ways, with implications for our understanding of the associations between parenting style and socio-economic status.

22 Mind-mindedness in Adoptive Parents of Preschool Children
Jessika Schaden, Purdue Fort Wayne; David Scott, Purdue Fort Wayne; Mikayla Baumgarte, Purdue Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Elana Kayser, Purdue University Fort Wayne; Alyssa Stoy, Purdue University Fort Wayne; Brenda Lundy, Purdue Fort Wayne
Mind-mindedness was assessed in adoptive and biological parents of preschool children. Consistent with previous research conducted in the UK, adoptive parents in the U.S. scored lower in mind-mindedness compared to their biological counterparts. Low levels of mind-mindedness in adoptive parents were associated with less optimal parenting practices.

23 Grandmothers' Endorsement of Coparenting, Fathers' Parenting Competence, and Maternal Gatekeeping
Jingyi Wang, The Ohio State University; Sarah Schoppe-Sullivan, The Ohio State University
This study examined the roles of grandmothers' endorsement of coparenting and mothers' perceptions of fathers' parenting competence in maternal gatekeeping. When mothers perceived fathers as competent, mothers showed more gate-opening behaviors when they received less endorsement from grandmothers. When fathers were perceived as less competent, no significant association was found.

24 Predictors of Parenting Self-Efficacy in New Fathers
Reed Donithen, The Ohio State University; Sarah Schoppe-Sullivan, The Ohio State University
The current investigation aims to identify predictors of new fathers' parenting self-efficacy. Participants showed lower parenting self-efficacy when they used their own fathers as models for parenting, when they held the belief that women are naturally better parents, when they had high attachment anxiety, and when they showed high neuroticism.

25 Child Externalizing, Parental Stress, and Parental Sense of Competency
Karen Glownia, Eastern Michigan University; Alyssa Buthman, Eastern Michigan University; Morgan Daughtery, Eastern Michigan University; Heather Janisse, Eastern Michigan University

The purpose of the current study was to examine the moderating effect of parental competency on the relation between child behavior problems and parental stress in a sample of low-income African American families. Findings suggest that higher competency can ameliorate the effects of child externalizing behavior on parental stress.

26 Race, gender, and parenting practices: effects of disparate parent-child perceptions.
Brian Brooks, Cuyahoga Community College; Tannaz Mirhosseini, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
We examined race and gender differences in the effect of disparate perceptions of parenting practices on youths' emotional and behavioral problems. Inconsistent parenting was linked to greater emotional and behavioral problems for boys relative to girls. African Americans trended towards being less affected by differentially-perceived parental supervision than were Caucasians.

27 Maternal Stress, Parenting Behaviors, and Work-Orientation among Adolescents with ADHD
Jamie Flannery, University of Notre Dame; Dawn Gondoli, University of Notre Dame; Christine Steeger, University of Colorado Boulder; Bradley Gibson, University of Notre Dame
We examined a model in which the relation between maternal stress and adolescent work orientation was mediated by maternal autonomy promotion and poor monitoring and supervision. Utilizing a SEM approach, results supported the hypothesized mediational pathway. Results suggest that interventions targeting maternal stress and parenting may improve adolescent's work orientation.

28 Parenting Adolescents with ADHD: Pathway between Stress, Autonomy-Promotion, and Cohesion
Monica Perez, University of Notre Dame; Dawn Gondoli, University of Notre Dame; Christine Steeger, University of Colorado Boulder; Bradley Gibson, University of Notre Dame
This study examined relations among parenting stress, autonomy promotion, and cohesion in a sample of adolescents with ADHD and their mothers. Results indicated that maternal stress was indirectly related to cohesion through its relationship with autonomy promotion. The indirect effect of maternal stress on cohesion through autonomy promotion was significant.

29 Grief and Satisfaction with Adoptive Family Contact among Birth Relatives

Madison Burt, University of Kentucky; Elizabeth Chapleau, University of Kentucky; Cassandra Vázquez, University of Kentucky; Rachel Farr, University of Kentucky

Birth relatives of adopted children are underrepresented in research despite the increase in popularity of open adoptions. The current study explored if satisfaction of contact with the adoptive family predicts grief for the child placed for adoption in a sample of birth relatives. This work may help inform adoption policy.

30 Weight Talk Mediates the Mother Efficacy/Daughter Body Image Relationship

Jessica Hocking, University of Notre Dame; Dawn Gondoli, University of Notre Dame; Erin E. Hillard, University of Notre Dame

We examined the relationship between maternal perceived self-efficacy to help daughters with positive body image and daughters' positive body image through the mediating variable mother-daughter weight talk. Path analysis via an SEM approach supported this mediated pattern of relations. Implications for maternal efficacy interventions are discussed.

31 Efforts to attain Peak Performance via Relational Risk Taking: A Study

Ian Birky, Lehigh University; Gabrielle Rocchino, Lehigh University; Malaika Gutekunst, Lehigh University

Risk-taking is related to athletes' well-being, relational connectedness, and peak performance. This study examined and found support for correlations between student athletes' authentic openness and active engagement in relationships, relational confidence and connectedness, and well-being. Conclusions include suggestions for relational interventions that strengthen an athletes' performance.

32 Loneliness, Optimism, Pessimism, and Negative Affective Conditions in Polish Population

Misu Kwon, University of Michigan, Ann Arbor; Claire Novak, University of Michigan; Miranda Schaffer, University of Michigan; Alaina Gregory, University of Michigan; Edward Chang, University of Michigan

This study examined the role of optimism and pessimism in the relationship between loneliness and negative affective conditions (i.e., stress, anxious symptoms, depressive symptoms, & hopelessness) in a sample of 415 Polish college students. Mediation analyses indicated that optimism and pessimism

partially mediated the relationship between loneliness and negative conditions.

33 Personal Space and Perceived Disability
Wendy Schweigert, Bradley University; Monique Fields, Bradley University; Priyal Patel, Bradley University; Alexandra Phan, Bradley University; Benjamin Poignant, Bradley University; Becca Ruger-Smith, Bradley University; Cameron Schumacher, Bradley University; Chelsea Lewis, Bradley University
Perceived disability's effect on another's personal space was investigated. Two hypotheses suggest opposite results.The results support the No-Threat hypothesis in which individuals stand closer to a person seated in a wheelchair than in a regular chair. Possible explanations for the results are considered.

34 Does Exposure to Chatbot Increase Willingness to Self-disclose to AI?
Michelle Drouin, Purdue University Fort Wayne; Robert Nicola, Purdue University Fort Wayne; Taylor Perkins, Ball State University; Ben Cramer, Purdue University Fort Wayne; Ellis Hernandez, Purdue University Fort Wayne; Susan Sprecher, Illinois State University
In this study, we examined the personal characteristics (e.g., neuroticism, conscientiousness, loneliness, self-dislosure to friends) of those who were favorable towards self-disclosure to artificial intelligence chatbots. We also employed an experimental design, finding that chatting with Replika, a sophisticated chatbot, increased participants' stated willingness to emotionally disclose to chatbots.

35 The Get-Acquainted Process as a Function of Mode of Communication
Susan Sprecher, Illinois State University; Angela Yonan, Illinois State University; Mary Mulligan, Illinois State University; Katie Benshoof, Illinois State University; Ariya Hatami, Illinois State University; Morgan Margiotta, Illinois State University; Makayla Smullin, Illinois State University; Christian Maynard, Illinois State University; Leah Reish, Illinois State University
A social interaction study was conducted in which dyads engaged in a getting-acquainted self-disclosure task either over Skype or face-to-face. Results indicated that mode of communication had little effect on how the interaction was rated, although FtF interaction was judged to be more enjoyable and fun.

36 A New Measure of Pet Attachment Based on Attachment Style

Kerri Bradley-Ronne, The Chicago School of Professional Psychology; Rosaline Artman, Chicago School of Professional Psychology; Charisma Dalvi, Chicago School of Professional psychology; Kenna Dunham, The Chicago School of professional Psychology; Lauren Vaughan, The Chicago School of Professional Psychology; Kyle Wallbaum, The Chicago School of Professional Psychology

Research has found a nebulous relationship between attachment style and pet attachment. A new measure of pet attachment (Attachment Style Questionnaire-Pet; ASQ-P) was administered to 147 pet owners. This preliminary evaluation of the ASQ-P suggests improved utility for researchers wishing to investigate pet-attachment through the lens of attachment theory.

37 Similarity, Self-expansion, and Self-evaluation Maintenance in Adult Friendships.

Virgil L. Sheets, Indiana State University; Katelyn Stokes, Indiana State University; Emma Henning, Indiana State University

A telephone survey of Midwestern adults compared bases of attraction for best friends. Consistent with self-evaluation maintenance theory, acceptance and support of one's identity best predicted attraction. Self-expansion was also a significant predictor for men's, but not women's, friendships. Controlling these, one's unique similarity with friends was not predictive.

38 Geographical Distance and Semantic Similarity in Initial Computer Interaction

Shaikha Aldousari, University of Texas at Arlington; Maryam Tajmirriyahi, Maryam Tajmirriyahi; Stephen Doerfler, University of Texas at Arlington; Vivian Ta, Lake Forest College

We recruited 273 stranger dyads to investigate how geographical distance affect the latent semantic similarity. LSS is negatively related to geographical distance. A SEM path analysis further showed that geographical distance initially impacted LSS, but its effect decreased over time, as the effect of dyadic interaction time increased.

39 Catfishing: Use of False Identities in Online Dating

Matthew Kadrich, Michigan School of Psychology; Dustin Shepler, Michigan School of Psychology

To understand what motivates young adults to create false identities to engage in online romantic relationships, two qualitative studies were conducted. Thematic analysis indicated that development of false identities

for online dating is related to normal development, attempts to have social and love needs met, and exploration of possible selves.

40 Predicting Intimacy: Differences and Similarities Across Gender and Sexual Orientation

Dustin Shepler, Michigan School of Psychology; Logan Chappell, Michigan School of Psychology; Jared Boot, Michigan School of Psychology; Kristine Vichinsky, MIchigan School of Psychology; Christopher Bernardo, Michigan School of Psychology

Literature on intimacy in relationships has focused predominantly on heterosexual populations. Our findings indicate the presence of one stable predictive factor and variation in additional predictors of relational intimacy based on gender and sexual orientation. Implications for research are discussed.

41 To Ruminate or to Meditate? Examining Attachment Anxiety, Rumination, and Mindfulness

Rachael Quickert, Queen's University; Tara MacDonald, Queen's Univeristy

Individuals high in attachment anxiety fear rejection by their romantic partners. We are interested in exploring the relationships among attachment anxiety, rumination, and mindfulness in the context of romantic relational conflict. We collected data on both dispositional levels of mindfulness and experience with mindfulness activities.

42 The Forbidden Fruit: Religiosity, Sexual Deviance and Guilt

Jana Hackathorn, Murray State University; Esther Malm, Murray state University

Sex guilt, rather than religiosity, is the "Debbie Downer" influence in sexual outcomes. Among 342 college students who rated themselves on sexual behaviors, sex guilt and self-perceived religiosity, sex guilt plays a substantial role in the relationship between religiosity and perceptions of sexual deviance (e.g., threesomes).

43 Differential Predictors of Youths' Intentional and Spontaneous Help-Seeking Decisions

Jeremy Kanter, Illinois State University; Daniel Lannin, Illinois State University; Luke Russell, Illinois State University; Ani Yazedjian, Illinois State University; Tyler Pederson, Illinois State University; Christohper Melecio, Illinois State University

The present study examined how individual, romantic, and family characteristics differentiated diverse youth's desire to seek out relationship

help currently and prospectively. Results highlighted various characteristics that contributed to youth's current and future intentions to seek relational help. These findings are useful for clinicians to promote help-seeking behaviors in youth.

44 Self-concept Clarity as a Predictor of Self-disclosure in Romantic Relationships

Maryam Tajmirriyahi, Maryam Tajmirriyahi; William Ickes, University of Texas at Arlington

In three studies, we found that both self-esteem and self-concept clarity to be significant predictors of self-disclosure in adult romantic relationships. In two out of the three studies, self-esteem was no longer a significant predictor of self-disclosure after the variable of self-concept clarity was included in the model.

45 Microcheating Online—Do Men and Women Differ?

Michelle Drouin, Purdue University Fort Wayne; Catalina Todd, Purdue University Fort Wayne; Valerie Valenciano, Purdue University Fort Wayne; Nicole Saari, Purdue University Fort Wayne; Brandi Warner, Purdue University Fort Wayne

Internet-related infidelity is on the rise. Men report engaging more in all types of online infidelity, but women are more likely to consider these behaviors cheating. Differences in prevalence may be due to the extent to which individuals view these behaviors as cheating or would feel guilty about them.

46 Sugar Relationships: Are They Desirable, and Does Definition Matter?

Michelle Drouin, Purdue University Fort Wayne; Hannah Nissley, Purdue University Fort Wayne; Chelsea Geels, Purdue University Fort Wayne; Andrew Brown, Purdue University Fort Wayne

Sugar baby relationships are on the rise as websites like seekingarrangments.com gain popularity. Almost half of individuals deem these relationships desirable, whether or not the arrangement has been defined. However, more traditional relationships (committed and dating) are still rated more desirable, provided individuals have defined or committed to the relationship.

47 Checking a Partner's Phone, Controlling Behavior, and Cyberabuse

Michelle Drouin, Purdue University Fort Wayne; Jody Ross, Purdue University Fort Wayne; Tara Cornelius, Grand Valley State University; Tyler Niedermeyer, Purdue University; Laci Johnson, Purdue University Fort

Wayne; Anna McCullough, Purdue University Fort Wayne
Technology-enabled surveillance, control, and abuse has emerged as issues in romantic relationships. Checking a partner's phone messages with permission is related to greater social media use; however, checking a partner's phone without permission is related to higher rates of coercive control and cyberabuse of a romantic partner.

48 Romantic relationship satisfaction may protect against PTSD symptoms
Hannah Breen, Cleveland State University; Elizabeth Goncy, Cleveland State University
Post-traumatic stress disorder (PTSD) symptoms may result from various traumatic life events. Some aspects of life may protect against symptoms. This study shows that high romantic relationship satisfaction can buffer against symptoms of avoidance and intrusion, but not arousal and reactivity or hypervigilance.

49 Perceptions of same-sex and opposite-sex intimate partner violence using vignettes
Kayla Barillas, Cleveland State University; Eric Frazier, Cleveland State University; Elizabeth Goncy, Cleveland State University
Intimate partner violence (IPV) is a growing concern in the United States. Prior research mainly focuses on IPV within heterosexual couples, despite evidence of IPV among same-sex couples. We hypothesize that IPV will be evaluated as less severe in same-sex couples compared to heterosexual couples. Results and implications will be discussed.

50 I'll Have What He's Having: Acceptability of Mate-Poaching Behaviors
Eileen Tam, Murray State University; Jana Hackathorn, Murray State University
Mate-poaching behaviors are intended to attract another's partner (Schmitt & Buss, 2001; Schmitt, 2004). A survey of over 200 participants suggests that being male, having an unrestricted sociosexual orientation, and high sexual guilt predicts liberal attitudes toward mate-poaching behaviors. The implication of these findings will be discussed.

51 I'm Just Not Happy: Factors Predicting Motivations for Infidelity
Jana Hackathorn, Murray State University; Brien Ashdown, Hobart and William Smith Colleges
The current study examined motivations for infidelity in a currently

'cheating' sample, recruited from AshleyMadison.com website. Results indicated that for almost all motivation, less satisfaction with the primary partner was the dominant influence in the motivations for infidelity, above and beyond the other personal predictors.

52 Examining college students' perceptions of obtaining and expressing consent.

Molly Potter, Ripon College; Claire Greenlee, Ripon College; Ellen Lee, Ripon College

College students' understanding and view of consent is a complex concept that is underrepresented in today's research space. This study investigated how students view the responsibility of participants in obtaining consent, what factors impact expressing consent, and the defining factors of consent in different scenarios.

53 Health History and Its Impact on Attachment and Current Symptomatology

Terry Chi, Bethel University; Jenna Kitchenmaster, Seasons Center for Behavioral Health

College students participated in a study that examined health history, attachment, and emotional distress. Results showed that health history impacted reports of attachment security with others / God. Reports of attachment security also was associated with current emotional distress. Role of faith in mental health and treatment implications were discussed.

54 Gender Stereotyping of Psychology

Guy Boysen, McKendree University; Rebecca Chicosky, McKendree University; Faith Rose, McKendree University; Erin Delmore, McKendree University

Gender stereotypes affect career choices. Although the influence of gender on STEM careers is well-documented, the influence of gender stereotypes on psychology has not been explored. The current research documented the gender stereotype about psychology and its effect on the perception of psychology's fit with the career needs of men.

55 Religious Identity Relates to Sexual Myths

Kyle Eyman, Cleveland State University; Elizabeth Goncy, Cleveland State University; THRiVE Collaborative, Cleveland State University

We hypothesized religious identity would relate to one's likelihood to believe sexual myths. Linear regression analysis showed when considering Christian, Muslim and, Jewish religions, people who identified as Muslim or

Christian made more errors regarding sexual myths, however Jewish identification was unrelated.

56 Self-Regulation, Self-Regulatory Mode, and God Attachment
David M. Njus, Luther College; Gretchen Blain, Luther College
Subjects (n=394) completed measures of behavioral self-regulation and two self-regulatory modes (assessment and locomotion); adult attachment (romantic and friend); and God attachment. After controlling for adult attachment, God attachment was related to higher levels of overall self-regulation and to lower levels of regulatory assessment.

57 Is Christianity Bad for the Environment? Tests of Possible Mediators.
Virgil L. Sheets, Indiana State University; Victor Oetjen, Indiana State University; Jacob Wilson, Indiana State University; Jim Speer, Indiana State University; Tina Kruger, Indiana State University; Stephen Aldrich, Indiana State University; Nicholas McCreary, Indiana State University
The relationship between religion and environmental concern was examined. College students and their friends & family completed surveys about environmental concern. Christians did not uniformly show less concern for the environment, but Biblical literalists generally did. Further surveys show the literalism effect is independent of gender, politics, and other beliefs.

58 Associations between Religiosity, Spirituality, Religious Coping, and Psychological Symptoms
Maya Alexander, Roosevelt University; Ashley Bryan, Roosevelt University; Rachel Goldfarb, Roosevelt University; Anne Schrayer, Roosevelt University; Susan Torres-Harding, Roosevelt University
Religious coping might play a beneficial role in dealing with stress, anxiety, or depression. Individuals who identified as religious or spiritual appear to use more religious coping and seeking emotional support during times of stress or when experiencing stress symptoms.

59 God Owes Me: Divine Entitlement, Afterlife Conceptualization, and Death Anxiety
Keith Jones, Central College; Haley Canney, Central College
Divine entitlement, believing that one deserves special treatment from a deity (Grubb et al., 2017), positively predicted death anxiety while the more joyfully one viewed the afterlife was a negative predictor. However, the more people perceived the afterlife as judgmental, death anxiety rose regardless of their sense of divine entitlement.

60 Accent as an Indicator of Cooperative Potential in Others
Rachel Stevens, Kentucky Wesleyan College; Douglas Behrend, University of Arkansas; Madison Myers-Burg, University of Arkansas
The current study aimed to determine if children use accent as an indicator of cooperative potential. Children made forced-choice judgments between locally- and foreign-accented speakers about their potential to cooperate. Contrary to the hypothesis, children did not choose the locally-accented speakers as having more cooperative potential than the foreign-accented speakers.

61 When the Self is True: Differences in Self-Other Perceptions
Jason Snyder, DePaul University; Ellen Dulaney, DePaul University; Verena P Graupmann, DePaul University
Contexts in which people believe the 'true' self emerges for themselves versus others were explored in a qualitative study. While finding feeling comfortable as the most frequently mentioned context that reveals the true self, the own true self was reported to emerge in comfortable contexts, whereas when stressed for others.

62 Associations Between Body Image and College Students' Self-concepts
Jason Willow, Gannon University; Zy'Anne Grady, Gannon University; Jan Logsdon, Gannon University; John Ranney, Gannon University
Body image is related to emergent adults' sense of self. Preoccupation with body image and negative evaluation of physicality is associated with maladaptive adjustment, while positive body image is associated with adaptive sense of self. Siginficant associations between multiple forms of body image and three aspects of self-concept were found.

63 Proximal and Distal Goal Organization in a Multiple Goal Environment
David Radosevich, University of Wisconsin-Green Bay
This longitudinal study examined the relationship between biweekly (proximal) goals and semester (distal) goals when striving for multiple goals. 139 students were surveyed biweekly over three months. Results indicated that individuals' short-term goals were used to keep them on track for their long-term goals.

64 Easy as 1-2-3: Mediators of Peer Acceptance
Edward Dodd, Murray State University; Jessica Hodges, Murray State University; Amber Clayton, Murray State University; Jana Hackathorn, Murray State University

The current study examined the mediating influence of emotional dysregulation, self-efficacy, and cognitive biases on the relationship between parental neglect and peer acceptance. The results indicate that emotional dysregulation and cognitive biases partially mediate the relationship. However, when analyzed together, cognitive biases is the greatest driving influence.

65 General Attitudes Toward Pornography and Sexual Identity
Margaret Tiethoff, Monmouth College; Carolyn Liesen, Monmouth College
The current study qualitatively examined how initial exposure to pornography shapes one's sexual identity through narrative responses. Thematic analyses revealed five major themes related to age of first exposure, context of the first exposure, intentionality, initial emotional response, and perceived impact on sexual identity.

66 Daddy Issues: Attachment, Social Anxiety, and Self-Efficacy
Casey Brugh, Murray State University; Ashlen Grubbs, Murray State University; Amanda Joyce, Murray State University
This study examined the associations between attachment styles to parental figures, self-efficacy, and social anxiety. Results indicated that insecure attachment styles with an individual's father tend to lead to lower levels of self-efficacy and higher levels of social anxiety, however there was no association between these variables with their mother.

67 Work Orientation among Adolescents with ADHD: Co-Occurring Problems and Parenting
Marixza Torres, Eastern Washington University; Dawn Gondoli, University of Notre Dame; Christine Steeger, University of Colorado Boulder; Bradley Gibson, University of Notre Dame
We examined the contributions of ADHD symptoms, internalizing and externalizing behaviors, and parenting to the prediction of work orientation among adolescents with ADHD. Hierarchical regression indicated that parenting accounts for unique variance in work orientation over and above adolescent adjustment and relevant demographics. Implications for work orientation interventions are discussed.

68 Social Media Rumination Among Youth: Associations with Mental Health
Leandra Parris, William & Mary; Daniel Lannin, Illinois State University; Luke Russell, Illinois State University; Jeremy Kanter, Illinois State University; Ani Yazedjian, Illinois State University

Social media use has been associated with increased rumination and psychosocial difficulties. The current study examined rumination specifically about social media among youth. Social media rumination was associated with increased social-emotional difficulties, with gender moderating some of these relationships. Implications for future research and current practice are discussed.

69 Examination of Perseverative Errors using the Five-Point Test
Tiffany Grezmak, Cleveland State University; Chloe Huston, Cleveland State University; Simone Goebel, Kiel University; Amir Poreh, Cleveland State University
The relative proportion of perseverations was examined by the amount of time it took for errors to appear on the Five-Point Test. Errors begin occurring after age 60 and above, and after at least two minutes. By providing subjects with long intervals to generate designs, one can better assess self-monitoring.

Borderline Personality Disorder

Sat 12:30PM - 2:30PM   Salon 01
Moderator: Tonya Hall, Chicago State University

12:30 Trauma-Informed Behavioral Supports (TIBS) for Borderline Personality Disorder
Erika Carr, Yale University; Jane EM Carter, Yale University; Marc Hillbrand, Yale University
Trauma-Informed Behavioral Supports (TIBS) use positive behavioral technology frames to integrate evidence-based psychotherapies with applied behavioral analysis. Individuals being treated in an adult inpatient psychiatric facility were provided with TIBS, and instances of non-suicidal self-injurious behavior (NSSIB), aggression towards others and objects were reduced. Instances of prosocial behavior were increased.

12:45 Accuracy of Mental-State Attributions within a Borderline Personality Disorder Context
Cheyene Horner, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
The current study investigated interpersonal difficulties within a borderline personality disorder context. Results revealed that higher BPD symptoms negatively predicted accurate scores on a social cognition task as well as maladaptive social emotion regulation. Clinical implications will be discussed.

1:00 Episodic Life Stress in Borderline Personality Disorder
Keri Stewart, Cleveland State University; Joseph Lancaster, Cleveland State University; Leah Sprock, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
The current study examined borderline personality disorder (BPD) features and their effects on stress parameters through emotion regulation (ER) strategies. BPD through adaptive ER was shown to lower subjective stress ratings and cause a smaller discrepancy between objective and subjective stress ratings. BPD through maladaptive ER showed less dependent stress.

1:15 Does Social Cognition Mediate Effects of BPD on Interpersonal ER?
Leah Sprock, Cleveland State University; Keri Stewart, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
In this study we tested the mediating role of social cognition (SC) in the relationship between Borderline Personality Disorder (BPD) features and interpersonal emotion regulation (ER), as well as the specificity of SC to interpersonal ER in a mixed sample of community-dwelling adults and those who hospitalized in psychiatric facility.

I/O Psychology

Sat 12:30PM - 2:30PM   Salon 05/08
Moderator: JACK S. CROXTON, State University of New York, College at Fredonia

12:30 Virtual Badges and Personality Impact on Online Belonging and Engagement
Vyctoria Brooks, Southern Illinois University, Carbondale; Morgan VanCleave, Southern Illinois University Edwardsville; Stephen Baumgartner, Southern Illinois University of Edwardsville; Madalynn McKenzie, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville
Virtual badges for workplace achievements has been proposed as a method for increasing engagement in the workplace. We found support of the impact of virtual badges (awards for obtaining goals) in belonging and engagement in online communities as well as the personality differences.

12:45 MTurk For Working Samples: Evaluation of Data Quality 2014-2019
Stephen Baumgartner, Southern Illinois University of Edwardsville; Hannah Darden, Southern Illinois University Edwardsville; Nicole Strubinger, Southern Illinois University Edwardsville; Vyctoria Brooks, Southern Illinois University, Carbondale; Joel Nadler, Southern Illinois University Edwardsville
Multiple studies were aggregated using Amazon.com's MTurk crowd sourcing site for data collection from 2014-2019. We examined the impact pay, focused samples, and attention and manipulation checks on demographic characteristics and data quality. Based on our empirical findings we provide suggested guidelines to maximize the quality of MTurk samples.

1:00 Effects of leader's Use of Pride on Groups
Stephen Baumgartner, Southern Illinois University of Edwardsville;
Catherine Daus, Southern Illinois University Edwardsville
Students working in groups building Lego structures rated a perceived leader
regarding expressions of pride (authentic and hubristic). Students who
perceived the leader as expressing more authentic pride rated the task, group
(satisfaction and cohesion), and leader more positively; while the reverse was
generally true for perceptions of expressions of hubristic pride.

**1:15 Perceptions of Female Military Commanders' Organizational
Effectiveness during Leadership Transition**
Evelyn Stratmoen, Kansas State University; Elizabeth Steinhauser, Defense
Equal Opportunity Management Institute; Mary Margaret Garza, Defense
Equal Opportunity Management Institute; Marne Pomerance, Defense Equal
Opportunity Management Institute; Christopher Rodeheffer, Defense Equal
Opportunity Management Institute
We examined perceptions of incoming/outgoing military commanders using
the *Defense Organizational Climate Survey*. Incoming female commanders
were rated highly on leadership characteristics congruent with their gender
role when replacing other female commanders. However, units' emotional
attachment and group solidarity also decreased, suggesting female
commanders contend with implicit gender bias.

**1:30 Expatriate-Local Interactions: A Motivated Information Processing
Perspective**
Young-Jae Yoon, Loyola University Chicago; Arup Varma, Quinlan School
of Business, Loyola University Chicago; Young-Jae Cha, Department of
Psychology, Columbia University
We conducted a field study to examine whether epistemic and social motives
jointly predict the willingness of host cultural nationals to help expatriate's
adjustment. Results show that prosocial (vs. proself) HCNs with high (vs.
low) epistemic motivation were more willing to help
expatriates. Implications and future directions were discussed.

1:45 Age Differences in Personality Across Four Large Samples
Katelin Leahy, Michigan State University; William Chopik, Michigan State
University; M. Brent Donnellan, Michigan State University; Christopher Nye,
Michigan State University
With respect to personality development, in general, people increase in
conscientiousness, agreeableness, openness, and emotional stability. We
examined this variability in four large samples ($N = 1,638,954$, age range: 15-

90). We found only 45.7% of results replicated across the samples. Heterogeneity is discussed with respect to measurement and sample characteristics.

2:00 Investigation of Relationships Between Perceived Overqualification, Burnout, and Work Engagement

Kailey Pazderski, Illinois State University; Eros DeSouza, Illinois State University; Dan Ispas, Illinois State University

59 police officers from a specialized, municipal force were surveyed to investigate the moderating effects of age, rank, and education on the relationship between perceived overqualification and burnout or work engagement, respectively. Perceived overqualfication predicted burnout and disengagement, but no significant moderating effects were found.

Intergroup Relations

Sat 12:30PM - 2:30PM   Salon 02
Moderator: Hannah Hamilton, UConn Health

12:30 Exploring Social Identity Threat among Atheists and Other Nonreligious Individuals

Cameron Mackey, Ohio University; Christopher Silver, University of Tennessee at Chattanooga; Kimberly Rios, Ohio University; Colleen Cowgill, Ohio University; Ralph Hood, Jr., University of Tennessee at Chattanooga

Using two online studies, we found evidence of social identity threat in nonreligious individuals. Nonreligious individuals concealed their identity in response to social identity threat in a given context (e.g., region of the United States, public vs. private settings) and when induced to feel threatened in a manipulation.

12:45 Targets' Suspicion of Nontarget Allies and Perceptions of Ally Efforts

Erica Granz, University of Indianapolis; Mason Burns, University of Indianapolis

Across two studies, we investigated Blacks' perceptions of White allies' antiprejudice motives and efforts. Blacks who were suspicious of Whites overall reported suspicion of allies, rated allies as inauthentic, and wanted allies to avoid future ally behaviors; suggesting that ally suspicion may be a barrier for ally recruitment and deployment.

1:00 The association between sexuality and interracial couples
Xiuling Liu, Northwestern University; Allison Skinner, University of Georgia; Dov Cohen, University of Illinois Urbana-Champaign
Previous research has provided evidence that in the U.S. Black-White interracial couples can elicit a disgust response from others. The study was designed to examine one possible explanation for this finding—associations between interracial couples and sex. Results suggest that seeing interracial couples, people may automatically think about sex.

1:15 Perceived Muslim Population Growth Triggers White Christians' Negative Affective Responses
(Max) Hui Bai, University of Minnesota
Three studies show that White Christian participants who learned that the Muslim population is growing fast through a real graph from the Pew Research Center believe this trend is a threat to Christians and the U.S. society and experience more anger and anxiety and less pride and hope.

1:30 Comparison of Types of Dehumanization with Warmth and Competence
Olivia Kuljian, Texas Tech University; Zachary Hohman, Texas Tech University
Perceptions of warmth and competence may relate to how we dehumanize different social groups. Low warmth/low competence groups may be dehumanized more animalistically and low warmth/high competence outgroups may be dehumanized more mechanistically. K-means cluster analyses indicate that outgroups fell in predicted patterns for warmth/competence and animalistic/mechanistic dehumanization.

1:45 The Function of Entitlement in Whites' Dehumanization of Black Americans
Kara Harris, DePaul University; Lynn Kannout, DePaul University; Russell Steiger, DePaul University; Christine Reyna, DePaul University
The concept of entitlement and its effects on negative perceptions of racial groups was explored among a sample of White participants via MTurk. Findings indicate that White's that have high levels of entitlement were more likely to dehumanize Black Americans. This effect was mediated by pro-domination attitudes.

2:00 Building the Pipeline: Research Immersion Experience to Mentor Minority Students
Rieko Miyakuni, Winona State University; Crystal L. Harris, Governors State

University; Leslie Grange, Governors State University; Aaron Porte, Governors State University; Jelena Radovic Fanta, Governors State University; Michelle Williams, Governors State University; Darlene Wright, The University of Texas San Antonio

First generation, minority college students at a teaching-university participated in a two-semester Research Immersion Experience (RIE) Program. Quantitative measures were used to examine self-efficacy and persistence in degree completion; additionally, a semi-structured interview captured students' attitudes towards psychological research and future graduate study.

Interpersonal Relationships

Sat 12:30PM - 2:30PM   Salon 03
Moderator: Jana Hackathorn, Murray State University

12:30 Validation of a Lay Theories of Relational Identity Capacity Measure

Janelle Sherman, Indiana University; Edward Hirt, Indiana University-Bloomington

This study examines the development and validation of 1) a measure of lay theories of relational identity capacity, defined as people's belief about how many close others they have the capacity to identify with, and 2) a measure of fear of identity loss when identifying with close others.

12:45 Dimensions of Forgiveness: A measure for assessing partial forgiveness

James Hillman, Queen's University; Tara MacDonald, Queen's Univeristy

We developed a dimensional measure of forgiveness which assesses behavioral, cognitive, and affective forgiveness. Preliminary findings demonstrate good model fit, and good convergent/divergent validity with other forgiveness measures. Dimensions had unique relationships with a variety of measures (e.g., transgression severity), demonstrating the utility of a dimensional approach in assessing forgiveness.

1:00 Insecure Attachment in the Context of Low Socioeconomic Status

Ezgi Sakman, Cornell University; Nevin Solak, TED University; Nebi Sümer, Sabancı University

This study investigates the relationships between multiple indicators of socioeconomic status (SES) (i.e., material, social, and human capital) and adult attachment dimensions on a large community sample in Turkey. Results

of canonical analyses show that the indicators of low SES predicted both attachment anxiety and avoidance, particularly among women.

1:15 How is Attachment Style Related to Attachment to Pets?
Kerri Bradley-Ronne, The Chicago School of Professional Psychology
A new measure of pet-attachment (Attachment Style Questionnaire-Pet; ASQ-P) indicates aspects of attachment may be similar in human-human versus human-pet relationships, whereas other aspects may be unique to one or the other. Preliminary results with the ASQ-P show promise for researchers examining pet attachment through the perspective of Attachment Theory.

Episodic Memory

Sat 12:30PM - 2:30PM   Salon 12
Moderator: James H. Bodle, Mount Saint Joseph University

12:30 Vicarious memory and donation behavior: The directive function of vicarious memory
Kristina Steiner, Denison University
Autobiographical memory research focuses on personally experienced events, but people do have vivid recollections of episodes that happened to others. These vicarious memories are created from second-hand verbal descriptions of the event. This talk will describe research on the directive function of vicarious memories and specifically their influence on donation behavior.

1:00 Story Structure Impacts Collaborative Recall
James H. Bodle, Mount Saint Joseph University
Collaborative recall is a complex process that requires attention, focus, and shared organization of the story, which all place strong demands on working memory. Across three experiments, we found an optimal level of language complexity and story structure to reveal collaborative hypermnesic effects after a brief delay.

1:15 Archival Analysis of Misidentification Cases Involving Witnesses Under Age 18
Kristina Todorovic, University of Toledo; Olivia N. Alfano, Roger Williams University; Garrett L. Berman, Roger Williams University; Michael P. Toglia, Cornell University
We examined 10 misidentification cases involving witnesses under age 18

from the Innocence Record archives. Cases were coded for system/estimator variables, legal safeguards, and case characteristics. Results showed safeguards do not effectively reduce wrongful convictions. Findings should be interpreted cautiously since a majority of information remains unavailable in the archives.

1:30 A Contextual Model Accounting for Variations in the Generation Effect
Matthew McCurdy, University of Illinois at Chicago; Allison Sklenar, University of Illinois at Chicago; Andrea Frankenstein, University of Illinois at Chicago; Pauline Urban Levy, University of Illinois at Chicago; Eric Leshikar, University of Illinois at Chicago
We describe a contextual theory that explains how variations in the size of the generation effect may be explained by the interactions among four key experimental factors: the generation task, the memory test, the materials, and subject abilities. We present empirical work examining the predictions of this theory.

1:45 Lineup / Showup Differences: Filler Siphoning vs. Diagnostic Feature Detection
James Lampinen, University of Arkansas; Amber Giacona, University of Arkansas; Nia Gipson, University of Arkansas; Andrew Smith, Iowa State University; Gary Wells, iowa State University; Laura Smalarz, Arizona State University
We compared filler siphoning and diagnostic feature detection accounts of lineup / showup differences in eyewitness identification. The addition of fillers only improved performance over showups when participants were allowed to select those fillers. These results support the filler siphoning account of lineup / showup differences.

2:00 Emotion is in the Details: Recall Memory for Specific Affective Information
Allison Wilck, University at Albany, State University of New York; Jeanette Altarriba, University at Albany, State University of New York
In a test of the emotion processing advantage, the present study demonstrated that specific details pertaining to neutral faces associated with a positive or negative context are recalled at different rates as compared to those associated with neutral contexts. Additionally, confidence in memory for the affective information was miscallibrated.

Clinical and Developmental Poster Session II: Clinical and Health Psychology

Sat 12:30PM - 2:30PM   Exhibit Hall

1 Self-reported Invincibility and Misuse of Prescription Stimulants and Alcohol
Susan Kennedy, Denison University; Paula Millin, Kenyon College; Sarah Mason, Denison University; GARY KENNEDY, THE OHIO STATE UNIVERSITY
Undergraduates completed surveys assessing invincibility, as well as prescription stimulant and alcohol misuse. Males reported higher levels of invincibility than females, and misused prescription stimulants more than females. Perceived invincibility was found to mediate the misuse of stimulants, but not of alcohol.

2 Heavy Episodic Video Gaming and Alcohol Use
Ryan St.Clair, University of Minnesota Duluth; Rebecca Gilbertson, University of Minnesota -- Duluth; Dustyn Leff, University of Minnesota Duluth
The association between gaming and alcohol characteristics was assessed with quantity and frequency measures of alcohol and gaming. 16.66% met criteria for IGD, 27.4% for binge gaming, 58.2% for binge drinking, and 14.12% met criteria for both binge types. Regarding symptomology, binge gamers showed higher IGD scores (p < .001).

3 Sexual Identity, Bullying, and Perceived Weight on Adolescent Drinking
Asheley Roberts, University of Texas at San Antonio; Brittany Zaring-Hinkle, The University of Texas at San Antonio; Martin Gallegos, The University of Texas at San Antonio; James H. Bray, The University of Texas at San Antonio
Data from the 2017 Youth Risk Behavior Surveillance Survey showed that the interaction of being a sexual minority youth, having high perceived weight, and being bullied lead to the highest reported adolescent alcohol use. Concerted efforts to reduce adolescent drinking should pay special attention to individuals in this group.

4 Life Satisfaction Moderates the Relationship between Mental Health and Relapse
Matt Webster, University of Kentucky; Megan Dickson, University of Kentucky; Martha Tillson, University of Kentucky; Christopher McLouth, University of Kentucky; Michele Staton, University of Kentucky
The study tested the hypothesis that an individual's general life satisfaction moderates the relationship between mental health and relapse to substance use in a sample of rural women reentering the community from jail. Those with mental health symptoms were more likely to relapse, and results supported the moderation hypothesis.

5 Short-Term Effects of Smoking on Odor Recognition
Robert Hallock, Purdue Northwest; Amber Plonka, Purdue Northwest; Zachery Berrier, Purdue University Northwest
The Sniffin' Sticks odor Identification Test, a standardized test of olfaction, was given to smokers before and after cigarette smoking. Results indicated that smoking resulted in a significant decrease in performance, and these results further clarify chemosensory deficits associated with smoking.

6 A Latent Variable of Social Support in Substance Abuse Recovery
Alexandra Porcaro, DePaul University; Mayra Guerrero, DePaul University; Camilla Cummings, DePaul University; Ted Bobak, DePaul University; Leonard Jason, DePaul University
Social support is an important resource for those recovering from substance use disorder. Social support can be measured in various ways and come from different sources. This current study explores a latent variable of social support via confirmatory factor analysis. Three models will be discussed.

7 Greek Membership is Associated with Difficulty Limiting Drinking
Assumpta Okocha, Western Kentucky University; Shelby King, Western Kentucky University; Jenni Teeters, Western Kentucky University
The present study focused on whether drinking habits, specifically problems related to sticking to alcohol limits, were associated with Greek membership. Greek membership was significantly associated with inability to limit drinking. These results suggest that future interventions in this population should focus on understanding and sticking to one's limit.

8 Assessing Cannabis Use in a High-Risk Group
Kristin Juskiewicz, University of Chicago; Barrett Kern, University of Chicago; Haley Church, University of Chicago; L. Phillip Schumm, University of Chicago; John Schneider, University of Chicago; Sarah K.

Keedy, University of Chicago
Young Black men who have sex with men (YBMSM) show high rates of cannabis use. 30 YBMSM were prompted daily about frequency, quantity, methodology, and reasons for use. Primary reasons were: fun (44%), stress (16%), emotional (8%), be creative (4%). YBMSM use cannabis for coping more than their White counterparts.

9 The Use of Social Comparison Feedback to Reduce Opioid Prescribing

Heather McCarren, Xavier University; Jennifer Phillips, Xavier University; Brock Partlow, Xavier University; Kenneth Patton, TriHealth
Efforts to reduce opioid abuse typically target users, while few interventions address physician prescribing. The effectiveness of social comparison feedback (SCF) in reducing opioid prescription rates in emergency room physicians was evaluated. A significant decrease in pre/post-intervention prescriptions was found, suggesting the utility of SCF in addressing the opioid crisis.

10 Lived Experiences in Dissociation: A Social Media Analysis

Melinda Hammond, University of St. Francis
A qualitative phenomenological analysis of social media users who perceive that they have Dissociative Identity Disorder. This analysis aimed to discover attitudes toward mental health professionals, diagnostic concerns, and the lived experience of dissociation. Implications for positive rapport, effective intervention and treatment access are noted.

11 Depression in the Restaurant Industry

Andrew Muth, Indiana University-Purdue University Indianapolis; Michelle Salyers, IUPUI; Tamika Zapolski, IUPUI; Jane Williams, Indiana University - Purdue University Indianapolis
The restaurant industry is one of the largest employers in the nation. Despite this, little is known about depression among its employees. This study sought to understand the prevalence of depression, as well as identify factors contributing to depression, among this population.

12 Examining Mental Healthcare Utilization in Adults with Suicidal Ideation

Nadeen Majeed, Michigan School of Psychology; Sierra Gillis, Michigan School of Psychology; Kaitlin Hamacher, Michigan School of Psychology; Kevin Johnson, Michigan School of Psychology
This study examines the mental healthcare utilization in adults with suicidal ideation. Significant findings have implications for clinical practice to better

understand where clients are reaching out for treatment after thinking about, planning, or attempting suicide. Directions for future research are considered

13 Media Exposure, Compulsive Exercise and Drive for Muscularity
Elizabeth Dougherty, Illinois Institute of Technology; Matthew Murray, Illinois Institute of Technology; Melissa Ivins-Lukse, Illinois Institute of Technology; Krystal Badillo, Illinois Institute of Technology; Alissa Haedt-Matt, Illinois Institute of Technology
Drive for muscularity was tested as a mediator of relations between media exposure and compulsive exercise. Exposure to men's magazines predicted greater compulsive exercise and this was mediated by drive for muscularity. Exposure to sports programming predicted greater compulsive exercise but this association was not mediated by drive for muscularity.

14 Racial Differences in the Perception of Modern-Type and Traditional-Type Depression
Colin O'Brien, Oakland University; Kanako Taku, Oakland University
This study was designed to examine racial differences in perceptions of traditional-type and modern-type depression. Using ANOVA, differences in perceptions of depression were found based on depression types and the interaction between race and depression type. Results supported the importance of considering racial differences in specific aspects of perceived depression.

15 Comparing Conners 3 and ASEBA: Interrater Reliability on ADHD subscales
Dustin Shepler, Michigan School of Psychology; Doug Callan, Michigan School of Psychology; Ashley Craft, Michigan School of Psychology; Kaitlin Hamacher, Michigan School of Psychology
We compare interrater reliability of the ASEBA and the Conners 3 ADHD-related subscales. Results indicated higher agreement on scales measuring hyperactivity/impulsivity than on scales measuring inattention and sluggish cognitive tempo. Findings reinforce the importance of incorporating multiple sources of information in describing child functioning in the assessment process.

16 Are Separate Room Test Accommodations Effective for Students with Disabilities?
Esther Beauchemin, Denison University; Robert Weis, Denison University
We conducted an experimental study examining the effects of separate room testing on the exam scores of college students with and without ADHD and/or

learning disabilities. Separate room testing did not mitigate the effects of these disabilities on performance and, in some cases, actually lowered students' test scores.

17 Impact of a therapist's language in computer-mediated communication
Robert Twidwell, Marquette University; Lance Hahn, Western Kentucky University
This study examined how therapists' text-message language (jargon, layman, and text speak) influenced individuals' perception of therapists. Participants found therapists using layman more likeable than when using jargon. Participants also found therapists using text speak less likeable, less expert, and less trustworthy compared to using jargon or layman.

18 Cultural Rupture Resolution Strategies and Therapeutic Working Alliance
Elaine Yeo, Roosevelt University; Amy Erlich, Roosevelt University; Susan Torres-Harding, Roosevelt University
Experiencing cultural ruptures or racial microaggressions in therapy may have negative impacts on the therapeutic relationship. This mixed-methods study found cultural ruptures experienced by therapy clients of color had negative impacts on working alliance, and active collaboration with clients mitigated the impact of cultural ruptures on the therapeutic working alliance.

19 Influences of Medical Error on Physicians' Core Beliefs
Kara Pado, Oakland University; Katherine Fraus, Oakland University; Elie Mulhelm, Oakland University William Beaumont School of Medicine; Kanako Taku, Oakland University
This study tested the hypothetical relationships between the timing of the mishap, core beliefs shaken, and posttraumatic growth among physicians. Participants reported their experiences with medical errors and how errors influenced their core beliefs and personal growth. Timing did not strongly influence PTG, but decreased the degree of shaken beliefs.

20 Relationship between Facets of Mindfulness and Anxiety and Depression Symptoms
Sheila Hanson, University of North Dakota; Makenzie Metzger, University of North Dakota; Cole Johnson, University of North Dakota; Isabel Garman, University of North Dakota; Lauren Bryan, University of North Dakota; Casey Schommer, University of North Dakota; Thomas Petros, University of North Dakota

Few studies explore the relationship between facets of mindfulness and depression and anxiety symptomology. Dispositional mindfulness explained 39.8% of the variability in anxiety 38.7% of the variability in depression symptoms in a sample of 450 undergraduate students. The implications of these overall findings and facet-level findings are discussed.

21 Technology in Clinical Psychology Practice – who is training graduate students?

Kim Dell'Angela, The Chicago School of Professional Psychology; Simran Agrawal, TCSPP - Chicago; William Bartels, The Chicago School of Professional Psychology; Sayali Inamdar, The Chicago School of Professional Psychology; Kassy Murad, The Chicago School of Professional Psychology; Amber Snedden, The Chicago School of Professional Psychology

APA has recognized the importance of technology in addressing health disparities, treating anxiety, PTSD and substance abuse, serving rural communities and promoting health behaviors. Data collected about telehealth and technology curriculum/training in Clinical Psychology doctoral programs will be presented. Most programs do not prepare students for clinical practice using technology.

22 Cross-Cultural Psychometric Investigation of the PTSD Checklist for DSM-5

Eu Gene Chin, Southeast Missouri State University; Randi Spiker, Southeast Missouri State University

This study examines the factor analytic structure of the PTSD Checklist for DSM-5 (PCL-5) in Malaysia and Taiwan. Exploratory and multigroup confirmatory bifactor analyses results suggest that a revised bifactor model demonstrates measurement invariance across these two groups. Suggested Item revisions and practical front-end user implication are discussed.

23 Replicating ASCA Situtypes: Independent Hierarchical Exploratory Factor Analyses

Gary L. Canivez, Eastern Illinois University

Hierarchical exploratory factor analyses of Adjustment Scales for Children and Adolescents (ASCA) 24 situations with a large independent sample found good agreement of assignment to three latent problem behavior contexts (Peer, Academic, Teacher). Hierarchical relationships and apportioning of variance to the general and group factors are presented and discussed.

24 Canadian WISC–V Structural Validity with First Nations Youth: Hierarchical EFA

Gary L. Canivez, Eastern Illinois University; Jessica Hanson, Urbana School District 116; Merril Dean, Private Practice

Best practices in exploratory factor analyses were applied to scores on the Wechsler Intelligence Scale for Children-Fifth Edition: Canadian (WISC-VCDN; Wechsler, 2014) obtained in a sample of First Nations children from northern Canada. Results did not support the publisher's five-factor model or interpretation scheme.

25 Validity of a Brief Screening Measure for PTSD Symptom Exaggeration

Chloe Huston, Cleveland State University; Tiffany Grezmak, Cleveland State University; Alyssa Erny, Cleveland State University; Sela Gilbert, Cleveland State University; Amir Poreh, Cleveland State University

This simulation study examined the validity of a brief screening measure for PTSD symptom exaggeration. Subjects were administered two validated measures of symptom exaggeration as well as the Traumatic Event Inventory (TEI; Poreh, 2006). This study confirmed the validity of the TEI in detecting response bias.

26 The Hostility Attribution Scale Predicts Depression and Social Anxiety

Mitsuru Shimizu, Southern Illinois University Edwardsville; Shamice Terrell, Southern Illinois University Edwardsville; Hannah Ethridge, Sourthern Illinois University Edwaredsville

The Hostility Attribution Scale (HAS) is a new scale of hostile social-cognitive biases in which participants report whether they would make hostile attributions by imagining hostility-provoking situations. Two studies validated the HAS and found that it is highly associated with depression and social anxiety among college undergraduates.

27 CART Item Bias Analysis

Nicole Roviso, University of Illinois at Chicago; George Karabatsos, University of Illinois at Chicago

This study introduces a graphical method for testing item bias, based on the Classification and Regression Tree (CART). This method was applied to test item bias in a sample of 716 students. This study presents evidence that a subset of items from the mathematics test exhibited significant item bias.

28 Necessary-But-Not-Sufficient Conditions for Grades in College

Michael Tynan, Iowa State University; Marcus Credé, Iowa State University; Peter Harms, University of Alabama

Necessary condition analysis supplements traditional "net-effects" data analyses by identifying variables that limit the possible levels of an outcome. The present studies examine the effects of student characteristics, abilities, & behaviors on college grades consistent with necessary-but-not-sufficient relations.

29 Self-Reported Health Profiles of Trauma Victims With and Without Psychiatric Histories

Sara Kuhn, University of North Dakota; Stephanie Brezinski, University of North Dakota; Michael Jowkar, University of North Dakota; Kourtney Smith, University of North Dakota; Alan King, University of North Dakota

Trauma exposure both with and without co-occurring psychiatric illness was associated with elevated rates of different medical illnesses. These associations were pervasive with graded risk elevations across the lifespan. Gender and sample main and interactive effects were minimal.

30 Partners' Role in First-Time Mothers' Breastfeeding: A Qualitative Study

Sarina Balraj, Denison University; Maria Mayer, Denison University; Elsie Parmar, Denison University; Erin J. Henshaw, Denison University

The current study explored partners' role in first-time mothers' breastfeeding decisions. Interviews with 17 first-time parent couples interviewed at one year postpartum were analyzed for qualitative themes around breastfeeding decision making. Major themes centered on the importance of partner support for first-time mothers' breastfeeding experience.

31 Sleep: Quality Over Quantity

Mackenzie Glaros, Michigan School of Psychology; Christopher Corbin, Michigan School of Psychology; Lauren Herline, Michigan School of Psychology

We hypothesized negative mood symptoms would predict sleep quality and quantity; and overall physical health will predict sleep quality and quantity. Data from 740 individuals indicated increased feelings of frustration and being upset predicted sleep quality; while overall physical health predicted both sleep quality and quantity.

32 Temporal Orientation and Preference for Illness Detection vs. Prevention Behaviors

Karigan Capps, Kent State University; John Updegraff, Kent State University

The influence of temporal orientation and a health behavior's prevention or detection function on message framing effects was analyzed. Results suggest that future-oriented individuals respond better to a detection behavior; present-oriented individuals respond better to a prevention behavior. Findings suggest temporal orientation shapes people's preferences for prevention and detection behaviors.

33 How the Availability of Objective Information Influences Risk Perception

Yue Pan, Northwestern University; Sayuri Hayakawa, Northwestern University; Viorica Marian, Northwestern University

We explored how people estimate risk in a medical context when provided with relevant and irrelevant probabilistic information. Access to relevant information reduced reliance on some affective heuristics while introducing other biases, demonstrating that subjective influences on risk perception vary depending on the availability of relevant objective information.

34 Mediating Physical Symptoms and Health Perception with Sense of Coherence

Jason Brooks, University of Illinois at Chicago; Mitsuru Shimizu, Southern Illinois University Edwardsville

How do individuals perceive their own health in the face of illness? The psychological resistance factor Sense of Coherence (SOC) mediated the relationship between the number of physical symptoms of illness and health perception. SOC may have valuable healthcare applications as a clinical measurement tool.

35 Mathematical Ability and Behavior Feedback Affecting Coffee Beverage Consumption

Nicholas Gallivan, Kansas State University; Laura Brannon, Kansas State University

Despite similar caffeine levels, there are large cost and calorie differences between traditional and specialty coffee drinks. Behavior-feedback messages informed participants of these differences (Studies 1 and 2), and their mathematical ability was measured (Study 2). Differences between the messages' effects and participants' mathematical ability, and their implications, are discussed.

36 An Analysis of Undergraduate Health Behaviors – Do Disparities Exist?

Helen Bedree, DePaul University; Joanna Buscemi, DePaul University; Steven Miller, Rosalind Franklin University of Medicine & Science; Rachel Neff Greenley, Rosalind Franklin University of Medicine & Science; Susan Tran, DePaul University

The present study explores differences in physical activity, sleep, and alcohol consumption by race, ethnicity, gender, and socioeconomic status among a diverse undergraduate sample. Findings indicate differences exist in all three health behaviors as a function of sociodemographic factors and have implications for tailored health promotion programming.

37 The Influence of Perceived Social Support on Medication Adherence Barriers

Danielle Shaw, Rosalind Franklin University of Medicine; Estée Feldman, Rosalind Franklin University; Rachel Neff Greenley, Rosalind Franklin University of Medicine & Science

This study sought to examine relationships between social support, medication adherence, and adherence barriers in a sample of 76 adolescents with inflammatory bowel diseases. Results indicated that both family and peer support reduced adherence barriers, but in different ways, and only family support impacted intent to adhere and adherence.

38 Progress in Camp-Related Goals Among Individuals with Spina Bifida

Catherine Friedman, Loyola University of Chicago; Meredith Starnes, Loyola University of Chicago; Tessa K. Kritikos, Loyola University of Chicago; Elicia Wartman, Loyola University of Chicago; Grayson N. Holmbeck, Loyola University of Chicago

This study analyzes progress of social and health-related goals before and after a camp-based intervention for individuals with spina bifida. Campers' self-reported achievement of social and health-related goals both significantly improved following camp, suggesting camp-based interventions may be effective in improving social functioning and independence in health-related tasks.

39 Moralization and Social-Norm Interventions to Promote Voluntary Online Reviewing

Seungjoo Yang, Indiana University; John Kruschke, Indiana University

Online reviews are used by most consumers to make decisions, but relatively few consumers contribute reviews. We investigated the effectiveness of

moralization and norm intervention messages for promoting reviewing. Altruistic moralization increased intention to post reviews but moral tests decreased intention, and dynamic norm intervention had no effect.

40 Prolonged Distress of Residents Experiencing the Flint Water Crisis

Lindsey Hieber, University of Wisconsin-Milwaukee; Thomas A. Wrobel, University of Michigan, Flint; Raymond Fleming, University of Wisconsin-Milwaukee; Margaret Buteyn, University of Michigan-Flint

This study investigated the emotional effects of the Flint Water Crisis. Five years have passed since the water crisis began and results from this study show that residents are still experiencing greater stress and anxiety than non-residents. Results indicate that mental health interventions are needed in Flint.

41 Negative Cognition Predicts Social Physique Anxiety in College Students

Sara Johnson, Missouri State University; Cassie Sutton, University of Kansas; Jessica Irons, James Madison University; Amber Henslee, Missouri University of Science & Technology

The relationship between negative cognitions and social physique anxiety is not well documented. Negative cognitions predicted social physique anxiety in a sample of college students (N=385). Specifically, increased perceived barriers to exercise and negative automatic statements about oneself were associated with higher reports of social physique anxiety.

42 Acetaminophen Eliminates Autonomic Flexibility for People Low in Rejection Sensitivity

Yixin Yang, Ohio University; Mischkowski Dominik, Ohio University

Consuming acetaminophen has negative psychological and social side-effects. However, the physiological mechanisms underlying these effects remain poorly understood. By showing that acetaminophen erases increased autonomic flexibility during a group session for people low in rejection sensitivity, this study suggests a new physiological pathway through which acetaminophen may change emotional reactivity.

43 The Roles of Humor, Happiness, and Spirituality in Well-being

Hannah Reussner, Central College; Keith Jones, Central College

This study extended research on personal well-being by assessing the predictive roles of four types of humor, two types of spirituality, and happiness. The results provide insight to social aspects of well-being.

Spiritual support, happiness, and affiliative (socially enhancing) humor were significant predictors of well-being.

44 Provision of Quality Support by Patients and Partners: Differential Associations

Fiona Horner, Northwestern University; Patricia Moreno, Northwestern University Feinberg School of Medicine; Elaine O. Cheung, Northwestern University

The relationship between partner-rated provision of support and self-rated meaning and purpose and relationship quality was examined in patients undergoing a diagnostic biopsy for cancer and their spouse/cohabitating partners. High quality provision of support was associated with greater meaning and purpose and relationship quality in patients, but not partners.

45 Self-compassion and fat talk predict body-dissatisfaction among adult women

Jasmine Abass, University of Notre Dame; Dawn Gondoli, University of Notre Dame; Erin Hillard, University of Wisconsin Parkside

Among adult women, body dissatisfaction was associated with higher self-compassion and lower fat talk. Multiple regression analysis indicated an interaction between self-compassion and fat talk, such that relatively high self-compassion was associated with less body dissatisfaction only when fat talk was relatively low. Implications for body image interventions are discussed.

46 Appraisals of Control and Challenge Predict Help-Seeking Intentions

Rachael Namboodiri, Illinois State University; Daniel Lannin, Illinois State University; Patrick Heath, Gustavus Adolphus College

While beliefs about stigma are salient in the help-seeking process, the present study suggests that regarding counseling as a manageable challenge rather than a stressor is a predictor of help-seeking intentions as well. Believing that one appraises counseling as an environment where they can be successful may bolster help-seeking intentions.

47 Understanding Black Maternal Health through Stress and Birth Outcomes

Tiffany Rowell, Kent State University; Angela Neal-Barnett, Kent State University

The study aims to understand the influence of distress and pregnancy-related anxiety on Black expectant mothers and their infants' birth outcomes. Overall distress was found to be associated with pregnancy-related anxiety and birth

weight. This suggests that stress is an important psychosocial antecedent to poor birth outcomes among Black infants.

48 Brief creative movement and art interventions affect stress and mood
Heather Mangelsdorf, Elmhurst College; Nikki Zimmermann, North Central College
Sixty college students participated in a brief creative movement or art intervention. Both interventions led to significant reductions in stress and negative affect and increases in positive affect, suggesting that partaking in creative movement or art can psychologically help college students in the short-term.

49 Workplace Predictors of Immigrant Cattle Feedlot Workers' Social Well-Being
Meredith McGinley, University of Wisconsin-Parkside; Gustavo Carlo, University of Missouri; Athena Ramos, University of Nebraska Medical Center
The spillover effects of culture-related occupational stress and injuries on immigrant cattle feedlot workers' (N = 191) mental health and social well-being were examined using structural equation modeling. Poor workplace conditions undermined mental health, which in turn was related to increased family conflict. Conversely, these factors directly influenced prosocial behaviors.

50 Social Anxiety, Fear of Evaluation, FoMO, and Instagram
Wesley Allan, Eastern Illinois University; Emilee Kruchten, Eastern Illinois University
Numerous studies have examined the link between social anxiety and social media use; however, possible mechanisms of this relationship remain largely unknown. Thus, this present study examines three possible mediators of this link: Fear of Missing Out, Fear of Negative Evaluation, and Fear of Positive Evaluation.

51 Hope: A Mediator of Trauma Exposure on Psychological Adjustment?
Miranda Schaffer, University of Michigan; Alaina Gregory, University of Michigan; Misu Kwon, University of Michigan, Ann Arbor; Claire Novak, University of Michigan; Edward Chang, University of Michigan
The present study examined hope agency and hope pathways as potential mediators between trauma exposure and negative affective conditions (viz., anxious symptoms, depressive symptoms, PTSD symptoms, & suicidal

behaviors) in a sample of 533 college students. Multiple mediation analyses indicated that hope agency, but not hope pathways, partially mediated the

52 The association between trauma, fighting and internalizing symptoms in adolescents.
Nicole Wolf, Cleveland State University; Elizabeth Goncy, Cleveland State University; Shereen Naser, Cleveland State University
Previous research discusses relationships between trauma histories and later aggression outcomes. Additionally, relationships trauma histories have been found to relate to internalizing problems. The present contribution analyzes associations between trauma histories, physical fighting, and internalizing symptoms among early adolescents. Results and their implications will be discussed.

53 Mindfully Managing Life Experiences Together
Devon Kardel, University of Michigan- Dearborn
Following a trauma, general distress symptoms such as post-traumatic stress, anxiety, and depression can develop. Meditation, a form of mindfulness practice, has been shown to decrease this distress. Romantic partner support is also shown to reduce symptoms of PTSD, GAD, and depression.

54 Exposure to Campus Sexual Assault Among LGBTQI and Ethnic Minorities
Kelsey Woodward, Western Kentucky University; Matt Woodward, Western Kentucky University; Jenni Teeters, Western Kentucky University
This study examined prevalence and differences in rates of campus sexual assault between minority college students compared to non-minority students. Results showed no difference between rates of campus sexual assault in ethnic minority groups, whereas differences were found in rates of campus sexual assault between LGBTQI and non-LGBTQI students.

55 Latino Children's Responses to Family Cultural Conflict Stress
Emily Miller, Loyola University Chicago; Adrian Medina, Loyola University Chicago; Sarah Jolie, Loyola University Chicago; Hadia Zarzour, Loyola University Chicago; Catherine Santiago, Loyola University Chicago
The present study explores how family cultural conflict may predict Latino children's coping strategies and stress responses over time among immigrant families. Results demonstrated that family cultural conflict significantly predicted the use of disengagement coping, involuntary engagement, and involuntary disengagement among children.

56 Project CaLM: Development of Mindfulness Strategies for Head Start Teachers and Families
Anna Sroka, Loyola University Chicago; Zahra Naqi, Loyola University Chicago; Christine Li-Grining, Loyola University Chicago
This study investigates parents' and teachers' experiences with the development of Project CaLM (Children Learning Mindfulness), which grew out of a collaboration between researchers and teachers in Head Start classrooms. Findings suggest that Project CaLM has the potential to foster mindfulness, defined as mind-body connection, in classrooms.

57 Trolley Dilemma in the Sky: Investigating Context in Moral Decision-Making
Julaine Zenk, University of Notre Dame; Markus Christen, University of Switzerland; Darcia Narvaez, University of Notre Dame; Michael Villano, University of Notre Dame; Charles R. Crowell, University of Notre Dame; Daniel R. Moore, United States Air Force Academy
A Remotely Piloted Aircraft (RPA) simulation including Trolley-Problem-like dilemmas was used to study how decision-making and emotional engagement were affected by mission context and social value of the sacrificed victim. Participants made fewer utilitarian choices in some contexts when the value of the one increased.

58 Temptation and Control in Moral Decision Making
Nicole Stephenson, Ohio University; Mark Alicke, Ohio University
The strength of one's temptation to commit a moral act seems to harm other people's perceptions of their morality. However, the extent to which we can control our thoughts also has an influence, with the thoughts over which we have the least control garnering the least amount of blame.

59 Childhood Maltreatment Effects on Belief in Good and Evil
Victoria Pocknell, University of North Dakota; Alan King, University of North Dakota
This study ($N = 511$) aims to delineate how experiencing different types of childhood maltreatment affects one's belief in pure good and evil. Age, sex, education, religious involvement, and cognitive flexibility were used as covariates. Witnessing domestic violence, physical abuse, and peer bullying are the most impactful types of maltreatment.

60 Moral Decisions in the Workplace
Irene Cheung, Huron University College; Leonid Beletski, Huron University College; Eve Chapnik, Huron University College

The current research examined moral decisions in the workplace. Using hypothetical workplace dilemmas, the findings showed that individuals tended to support moral decisions that are consistent with utilitarian principles and perceived those who made the same decision as themselves more positively than those who made a different decision.

Full PAGE AD: Palo Alto

AD:
The Chicago School of Professional Psychology

Affiliated Meeting of
The Society for the Teaching of Psychology

---------------------- **Friday, April 24, 2020** ----------------------

STP Invited Address

**How stereotypes shape attributions and outcomes in the classroom:
Insights and interventions for navigating biases**

Christine Reyna, DePaul University
creyna@depaul.edu

Fri. 9:00AM – 10:00AM   Crystal
Moderator: Meera Komarraju, Southern Illinois University Carbondale

Despite efforts to increase opportunities for underrepresented groups, they
still face significant barriers in the classroom. One barrier is the impact
stereotypes have on biasing attributions of student performance. This talk
addresses how stereotypes bias attributions, the impact of attributional
stereotypes on education outcomes, and strategies to avoid these biases.

Fri 8:30AM - 12:30PM   Salon 04

8:30 Decoding the Disciplines: Faculty, Student and Institutional Perspectives
Leslie Cameron, Carthage College; Dennis Munk, Carthage College; Holly Pelnar, Carthage College
Decoding the Disciplines is an approach to enhance student learning that helps faculty make explicit for students their implicit or tacit knowledge. We will describe how we have adopted and applied this paradigm from the perspective of a faculty member, a student and an institution.

9:20 Jumpstarting student research ideas and group formation in methods courses
Beth Lyon, University of Nebraska at Omaha
In most research methods courses, we aim to give students hands-on experience with conducting a unique research project. Ideally, students form a meaningful research question—but this takes time. The discussed method allows for early assignment of students into research groups, with an initial topic of interest.

10:10 Discussion with the APA's Committee on Undergraduate Education
Christina Shane-Simpson, University of Wisconsin, Stout
CABE (of APA's Education Directorate) develops various tools to assist psychology educators. During this session a CABE member will discuss resources such as the Skillful Psychology Student, Introductory Psychology Initiative, and Project Assessment. We'd also like to give educators the opportunity to give their feedback on these and future resources.

11:00 A Skill-Building, Competency-Driven Senior Capstone Experience that Challenges, Teaches, Mentors
Monica Heller, University of Saint Francis; Mike Martynowicz, University of Saint Francis - Fort Wayne; Devin Harpel, University of Saint Francis
The psychology capstone course serves as an ideal catalyst for student mastery and building of essential professional skills. In our newly-designed capstone curriculum, we incorporate innovative methods aligned with

APA's five comprehensive learning goals to foster student competency, achievement, and preparedness for future employment or advanced study in the discipline. Curriculum implementation has yielded many positive outcomes.

11:50 APA's Introductory Psychology Initiative: Recommendations for teaching Intro Psych
Garth Neufeld, Cascadia College; Guy Boysen, McKendree University
APA's Introductory Psychology Initiative (IPI) will make recommendations about the Introductory Psychology course. In 2019, a large-scale survey was conducted by the IPI working group and was taken by nearly 1000 instructors of Introductory Psychology. This symposium will include highlights of this data, as well as its current recommendations for the course.

STP Poster Session

Fri 10:30AM - 11:20AM   Exhibit Hall

18 Assessing methods for teaching a course on stereotypes and prejudice
Tay Hack, Angelo State University
This study explored teaching methods used during an undergraduate class on stereotypes and prejudice and measured pre and post levels of bias. Results indicated that students rated enhanced PowerPoint lectures as the most effective method in aiding their understanding. Additionally, post-test measures indicated a reduction of bias against different social groups.

19 Using Virtual Engagement to Increase Appreciation of Social Neuroscience
Beth Dietz, Miami University; Barbara Oswald, Miami University
This study demonstrates that appreciation for and knowledge of psychology as a science can increase in undergraduate courses by virtually engaging students in a laboratory experience performed by others. When psychophysiological recording equipment is used, students report greater appreciation for social neuroscience, suggesting that using technology matters.

20 Scientific Self Efficacy in Psychology Majors Engaging in Replication Research
Mona Ibrahim, Concordia; Kiara Timmerman, Concordia College
In this study, we examined self efficacy in a group undergraduate research

methods students who conducted novel research compared to another group who conducted replication research. Results indicated that most students who conducted replication research rated the experience highly, however these positive ratings did not correspond to higher self-efficacy scores.

21 I Remember!: Using Pinterest to Encourage Application in Lifespan Development
Amanda Joyce, Murray State University
This project examined the utility of the social media platform, Pinterest, in helping students to apply their knowledge of developmental psychology. Qualitative and quantitative student responses suggest that the assignment is associated with learning and engagement, but that care should be taken to address practical concerns of the platform.

22 University health care: a holistic, integrated primary care training model
Jennifer Phillips, Xavier University
Behavioral Health Consultants (BHCs) may mitigate the problems faced by providers in primary care clinics, specifically on university campuses. There currently exists a dearth of psychologists with BHC training. Here, we describe an innovative, tiered model of psychology training, which inherently provides support to university students and healthcare providers.

23 A demonstration of coincidence detection in the Superior Olivary Nucleus
Robert Hallock, Purdue Northwest; April Mae Sirbas, Purdue University Northwest
A mini lecture coupled with two demonstrations of coincidence detectors in the superior olivary nucleus was developed for an undergraduate 300-level neuroscience course. Assessment showed the demonstrations and lecture increased student understanding of the material, and additionally, students rated the demonstrations as beneficial to their learning.

24 A paradigm for student success coaching as experiential learning in a MMHC Program
Lucinda Woodward, Indiana University Southeast; Donna J. Dahlgren, Indiana University-Southeast
With the enrollment drop, higher-ed institutions are seeking new ways to help students achieve academic success. One program--academic success coaching--is designed to help students with deficits adapt and persevere in school. The proposed paradigm addresses structure, selection, training,

contact and assessment of an experiential learning program for MMHC students to fill this function.

25 #MyBusyCollegeLife: Psychological Predictors of In-Class Social Media Use

Christina Shane-Simpson, University of Wisconsin, Stout; Alicia Stachowski, University of Wisconsin - Stout; Kathryn L. Hamilton, University of Wisconsin-Stout; Adriana Loecher, University of Wisconsin Stout

This study explored whether demographic or psychological variables predict students' use of social media during class time. Both SnapChat and Instagram users reported more school interference with their non-academic lives when compared with non-users. Findings suggest that students may be drawn to each site for varying social and academic needs.

26 Career Development Course for Psychology Majors: Application of Career Theory

Samantha Brown, Coe College; Renee Penalver, Coe College; Carlyn Cole, Coe College; Robert Stills, Coe College

Social Cognitive Career Theory was applied to a career development course for psychology students. Students' self-efficacy, outcome expectations, and knowledge were surveyed pre and post the semester to evaluate the effectiveness of the course. Results will be discussed within the context of theory and implications for future courses will be described.

27 FoMO and Nomophobia and Cell Phones, Oh My!

Kathryn L. Hamilton, University of Wisconsin-Stout; Alicia Stachowski, University of Wisconsin - Stout; Christina Shane-Simpson, University of Wisconsin, Stout

This project explored the constructs of Fear of Missing Out (FoMO) and nomophobia as they relate to several student outcomes (e.g., school-life balance, loneliness, belonging). Undergraduate students ($N = 181$) completed a survey in the Fall of 2019. Correlations revealed relationships among FoMO, nomophobia, and a wide range of variables.

28 Classroom expectation differences in high school and college

Teddi Deka, Missouri Western State University

Preparedness for college includes behavioral aspects in addition to academics. Most information about behavioral preparedness is anecdotal. The "classroom expectations questionnaire" (73 items) administered to high school and college instructors, investigated differences in classroom expectations, assignment turn-ins, homework and others. Strongest

differences occurred with assignment allowances and homework
expectations.

29 Qualitative Assessment of Students' Science Attitudes Following Neuroscience Outreach

Dustyn Leff, University of Minnesota Duluth; Imane Ait Daoud, University
of Minnesota- Duluth; Katie Oltz, University of Minnesota Duluth; Rebecca
Gilbertson, University of Minnesota -- Duluth

This multi-year outreach study examined middle school students' science
attitudes using a pre-post design. Students ($N = 750$) completed paper/pencil
brain cap and sheep brain activities. Results show that students preferred
small group hands-on activities and interacting with university students,
especially during class periods earlier in the day.

30 Guidelines for Fostering Gender Inclusive Learning Environments

Carolyn Reynolds, Roosevelt University; Misha Mohan, Roosevelt
University; Steven A. Meyers, Roosevelt University

This poster presentation includes guidelines adapted from the American
Psychological Association's Guidelines for Psychological Practice with
Transgender and Gender Nonconforming (TGNC) People. The purpose of
identifying these guidelines is to assist instructors in developing culturally
competent and trans-affirmative curriculum in order to become more effective
allies for TGNC students.

31 "It's Just Not Worth My Time": When Course Point Totals Impact Student Performance

Elizabeth Arnott Hill, College of DuPage; Or'Shaundra Benson, College of
DuPage

We were interested in whether course point total could influence student
performance and motivation. We found that students in classes that only
differed by number of possible points (100 vs. 1000) differed significantly in
final grade distributions as well as number of incomplete assignments.

32 Best Practices to Improve Executive Functioning Skills in Higher Education

Ariana Garagozzo, Roosevelt University; Misha Mohan, Roosevelt
University; McKenna O'Shea, Roosevelt University; Steven A. Meyers,
Roosevelt University

Executive functioning is a broad domain that guides goal-directed behaviors.
Executive functioning skills are strong predictors of academic achievement
and are malleable to intervention. This roundtable discussion will examine six

best practice guidelines for improving executive functioning in college students and facilitate discussion on applying these guidelines to college classrooms.

33 Utilizing Psychology Graduates as Motivators for Current Psychology Majors

Cheryl DeLeon, Purdue University Northwest-Westville; Kimberly Brunt, Purdue University Northwest

This poster discusses a scholarship of teaching and learning project conducted to assess whether the addition of psychology graduates as guest speakers in a Professional and Ethical Issues course changed current majors' attitudes and beliefs about psychology related careers

34 Enhancing Learning Ownership: Adding Structure in a Discussion-Focused Graduate Course

Chelsea Lovejoy, University of Wisconsin - Stout

Twenty-five master's students participated in a novel, structured method of encouraging engagement in discussion-based courses over a semester. Survey results of student reactions regarding both the forms of structure (e.g., assigned roles) and instructor participation were largely positive (all above a mean of 4 out of 6).

35 Demystifying complex brain processes using mobile EEGs and K-12 engagement

John Pintar, Minnesota State University, Mankato; Serena Miller, Minnesota State University Mankato; Adam Steiner, Minnesota State University, Mankato

Analytical methods designed to address questions to investigate cognitive processes remain a mystery to many undergraduates in the psychological sciences. We propose a tiered training model where undergraduates learn the primary methods necessary for basic electroencephalogram (EEG) analysis, then perform outreach to solidify their training and identify knowledge gaps.

36 Stigma reduction in Psych 101

Eleni Pinnow, University of Wisconsin-Superior; Abby Downs, University of Wisconsin-Superior

This study addressed stigma-reduction in Introductory Psychology; students received psychoeducation about psychological disorders and "In Our Own Voice" ("IOOV") presentation or only psychoeducation. Relative to the education-only group, the "IOOV" group were more likely to believe

recovery from mental illness is possible and reported a higher likelihood of help-seeking behavior.

37 Counting your blessings: A campus-wide gratitude intervention
Dianne R. Moran, Benedictine University
This project examines the results of a campus-wide gratitude intervention conducted by students enrolled in a positive psychology lab course.

38 The impact of faculty feedback on students' emails
Aimee Adam, Indiana University Southeast; Todd M. Manson, Indiana University Southeast
In this between-subjects experiment, we will examine the effectiveness of giving students information about how professors and students at our university differ in their perceptions of poorly written student emails compared to more traditional email etiquette instructions, by tracking and evaluating student emails over the semester.

39 Prejudice toward Transfer Students and Connections to Belonging
Carly Pullen, Radford University; Nicole Iannone, Radford University; Laura Ruth Parker, University of Houston Downtown
This study examined the nature of traditional students' attitudes toward transfer students. Traditional students felt more negatively toward transfer students than other social groups. Additionally, traditional students' feelings of belonging on campus were associated with their attitudes toward transfer students. Implications for transfer students' belonging and success will be discussed.

40 The Effectiveness of Popular Culture and Educational Videos for Learning
Mykaela Hagen, Radford University; Nicole Iannone, Radford University
This study examined whether educational and pop culture videos help students learn material better than when material only appears in lecture. Fewer students got questions wrong when they viewed video clips rather than were just lectured on topics. These results have implications for classroom methods that could improve student learning

41 Enhancing Students' Knowledge of Careers with a Bachelor's in Psychology
Elizabeth Meinz, Southern Illinois University Edwardsville
Less than 20% of those with Bachelor's degrees in Psychology go on to graduate study in Psychology, but faculty and coursework in psychology

often emphasize career paths that require graduate study. Exercises and programmatic suggestions for increasing student knowledge of job opportunities with a Bachelor's degree in Psychology are presented.

42 Crises in the Classroom

Amy Erlich, Roosevelt University; Maria Nikolova, Roosevelt University; McKenna O'Shea, Roosevelt University; Ariana Garagozzo, Roosevelt University; Steven A. Meyers, Roosevelt University

A majority of students in undergraduate programs will experience adverse life events that will impact their academic performance. As instructors, our role in providing support to these students is unclear. Thus, we will be presenting strategies instructors can use to provide their students with the support they need to succeed academically.

43 Refuting media claims: Teaching information literacy skills in General Psychology

Jamie L. Bromley, Franklin College; Ryan Rush, Franklin College; Kristin Flora, Franklin College; Jessica Mahoney, Franklin College; William Eiler, Franklin College

A General Psychology assignment used to teach information literacy skills, which APA has identified as an important skill for undergraduates (APA, 2013), was investigated. After two library sessions in identifying empirical studies to refute media claims, participants' perceptions of information literacy skills increased significantly, $t(42) = -6.89$, $p < .01$.

44 Development of a Multidimensional Inventory to Assess Classroom Phone Use

Brandon Whittington, Jefferson College

A student sample of introductory psychology students completed an initial pool of 43 items related to electronic device use during class and study sessions. Exploratory factor analysis yielded a three-factor solution of 21 items: Device Use, Device Anxiety, and Device Distraction, all of which were positively associated with smartphone addiction self-reports.

45 Cultural Relevance and Representation in Neuroscience

Meghan Kahn, Indiana University-Southeast; Brittany Sizemore, Bowling Green State University

This project examined representation of diverse people in college neuroscience textbooks. Results are related back to student survey data showing poor cultural relevance of materials in college science classes.

Representation is one step that instructors can take to increase the cultural relevance of their classes and promote broader student success.

46 The impact of syllabus font on syllabus/course/professor impressions
Kristian Veit, Olivet Nazarene University
Syllabi with different fonts (Times New Roman, Calibri, and Comic Sans) were randomly assigned to different undergraduate participants to investigate whether font style can impact perceptions of a syllabus, course, and professor. Results indicated that font style may have implications for perceived course difficulty and perceptions of the course's professionalism.

47 Practice Quizzes Improve Introductory Psychology Students' Exam Performance
Timothy J. Lawson, College of Mount Saint Joseph
This study examined whether recognition (i.e., multiple-choice) quizzes were as effective as cued-recall (i.e., fill-in-the-blank) quizzes for improving introductory psychology students' performance on unit exams. Results showed that both the multiple-choice and fill-in-the-blank quizzes improved students' exam scores, compared to no quizzes.

STP Invited Address

How to Benefit From, not Fear, Student Evaluations of Teaching

Guy Boysen, McKendree University
gaboysen@mckendree.edu

Fri. 2:00PM – 2:50PM   Crystal
Moderator: Meera Komarraju, Southern Illinois University Carbondale

Student evaluations can be a source of fear and loathing among college teachers. But they can also benefit teachers at all levels of professional development. This session will outline strategies for overcoming fear of teaching evaluations as well as specific methods for maximizing the usefulness of student feedback.

STP Roundtable I

Sat 8:30AM - 10:20AM   Salon 04

8:30 Student engagement in a hybrid undergraduate statistics course
Adena Meyers, Illinois State University; Paige Hemming, Illinois State
University; Dante Caruso, Illinois State University; Kira Wade, Illinois State
University
This presentation describes the application and evaluation of a variety of
instructional technologies in teaching a hybrid version of an intermediate
undergraduate statistics class. Presenters include the faculty instructor and
three teaching assistants who experienced the class first as students and later
as instructional assistants.

9:20 What Are We Really Measuring? Teaching Construct Validity
Jordan Horan, Ferris State University; Christopher Redker, Ferris State
University
Construct validity is a key aspect of research methodology. Please come
prepared to address the following: How do we emphasize the importance of
construct validity early in undergraduate education? How do we increase the
practice of construct validation? How do we role model the importance of
construct validity to students?

STP Roundtable II

Sat 8:30AM - 11:40AM   Salon 09

8:30 Cultivate Your Students' Minds through Positive Psychology
Sharon Pappas, The Chicago School of Professional Psychology
Positive Psychology provides research-based theory and interventions to
cultivate students' engagement and strengthen their capacity to learn and
maintain resilience throughout their academic journey. Discussions and
activities (expressing gratitude, three good things and cue-trigger and reward)
will be demonstrated so teachers can utilize them in the classroom.

9:20 Privilege in Pedagogy: White Instructors Working with Students of Color
Maria Nikolova, Roosevelt University; Amy Erlich, Roosevelt University; Carolyn Reynolds, Roosevelt University; Steven A. Meyers, Roosevelt University
White instructors face certain barriers when working with students of color that may interfere with their ability to create optimal learning environments. We will discuss how to create a curriculum that is relevant to all students, and facilitate success for students of color through implementing best practices from the literature.

10:10 Films in Psychology Courses: A Roundtable Discussion for CinemaPsych Podcast
Alexander Swan, Eureka College
Using films in a psychology course is a useful pedagogical strategy. The purpose of this roundtable is twofold: First, explore different pedagogical strategies for using films. Second, I want to record those that come to this roundtable about film pedagogy and disseminate that recording on my self-produced podcast, *CinemaPsych Podcast*.

11:00 Integrating psychology and technology in the First-Year Experience
Kerry Michael, University of Minnesota Morris; Angela Vetsch, University of Minnesota Morris
We designed a new course model with an Embedded Librarian to integrate technology/information literacy into a liberal arts first-year seminar. Discussion will focus on methods for developing technology-focused learning outcomes that tie into critical thinking and information/digital literacy, implementation in the classroom, and sharing strategies for success.

STP Roundtable III

Sat 12:00PM - 2:20PM   Salon 09

12:00 Let's talk about drugs: Different approaches to teaching addiction
Eleni Pinnow, University of Wisconsin-Superior; Mimi Rappley Larson, University of Wisconsin-Superior
This roundtable session will engage participants in discussion of issues related to teaching about drug use and addiction. The goal is to discuss effective teaching strategies, how to best critically engage students in the

course content academically, and how to create meaningful opportunities for reflection and growth.

12:50 Teaching writing for psychology: Challenges, tips, and best practices
Eleni Pinnow, University of Wisconsin-Superior
The goal of this round table discussion is to share tips, best practices, and insights gleaned from teaching writing for Psychology. Topics for discussion include syllabus prepartion, assignment scaffolding, creating rubrics, delivering effective feedback, and tips for helping students overcome challenges.

1:40 Teaching mindfulness strategies to address academic and social-emotional functioning
Timothy Pedigo, Governors State University; Albert Tuskenis, Governors State University
College students are experiencing an increase in stress and anxiety affecting engagement and academic functioning. We created a course that includes social emotional learning and mindfulness to address the factors affecting student stress. We present the mindfulness strategies that may lead to increases in self-compassion, academic self-efficacy and university belonging.

STP Symposia

Sat 8:30AM - 12:30PM   Salon 4

8:30 Bringing Open Science into the Undergraduate Psychology Curriculum
Jordan R. Wagge, Avila University; Robert Calin-Jageman; Crystal Steltenpohl, University of Southern Indiana; Katherine Daniels, University of Southern Indiana
The Open Science movement is changing the way we develop, analyze, and report research. This symposium will discuss opportunities and challenges for bringing Open Science into the undergraduate psychology curriculum. Presenters will highlight resources and discuss specific activities you can use to effectively inculcate Open Science practices into student training.

9:20 Students turned research assistants: Teaching research methods in introductory psychology
Amanda Egan, Marian Univesrity
This interactive, in-class research methods demonstration helps students understand study design, methodology, and research ethics by enlisting them as research assistants during a single class period. Students evidenced good recall of concepts six weeks after the activity and reported high levels of enjoyment and perceived value for the activity.

10:10 Improving Retention Strategies in Undergraduate Psychology Programs
Jeannette Stein, University of Michigan-Flint; Hillary Heinze, University of Michigan-Flint; Nicole Altheide, University of Michigan-Flint
A panel of faculty and staff will discuss successful implementation of retention strategies in undergraduate psychology programs. A holistic, three-pronged approach that included professional academic advising, formalized faculty mentoring and career preparation will be presented. Evaluation of retention data revealed 7% improvement within the first year of implementation.

11:00 You can love assessment: Five ideas to use right now
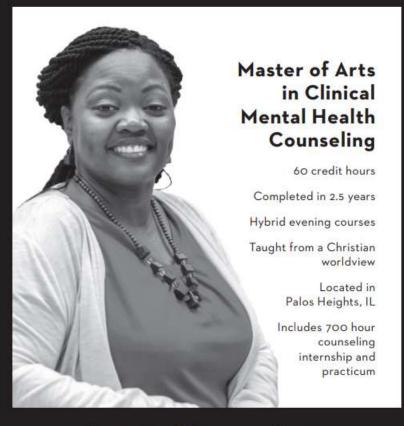Melissa Beers, Ohio State University
Assessment has great potential to inform teaching, but it often feels burdensome and disconnected with what instructors care about most. In this session, I will share five strategies that build on elements already present in your classroom to make assessment a useful and – dare I say – enjoyable practice.

11:50 Teaching replication and reproducibility with undergraduates
Devin Burns, Missouri University of Science & Technology; Jordan R. Wagge, Avila University; Kara Moore, University of Arkansas
Presenters discuss experiences incorporating replication and reproducibility into undergraduates projects. You'll hear how a research methods class produced a published article in JESP, how more than 120 student teams contributed data for 4 meta-analyses through CREP, and how senior research students are using project TIER to make their work reproducible.

AD:
Allient University Graduate School

268

-------------------- **Friday, April 24, 2020** ---------------------

SCRA Sessions I

Fri 9:00AM - 3:00PM   Logan

9:00 After-School SEL Interventions: Strategies for Efficacy and Fidelity
Jordan Reed, DePaul University; Kevin Ryan, DePaul University; Crystal
Steltenpohl, University of Southern Indiana; Matthew Powless, University of
Southern Indiana; Christopher B. Keys, DePaul University
This open strategy session begins with broad discussion about attendees'
lessons learned regarding social and emotional learning interventions and
evaluation. Presenters will then outline a pilot highschool SEL and college
readiness program plan. Attendees are invited to provide feedback concerning
organizational context, program development and evaluation.

10:00 Transitioning from efficacy to effectiveness intervention trials
LaVome Robinson, DePaul University; Sally Lemke, Rush University; Marc
Atkins, The University of Illinois at Chicago; Leonard Jason, DePaul
University; Mia Kosmicki, DePaul University; Chelsea Harris, DePaul
University; Shaun Bhatia, DePaul University; Kyle Hucke, DePaul
University; Jeremy Jagers, DePaul University; Simone Parkas, Depaul
University; Rowe Hillary, DePaul University; Catharine Ryan, DePaul
University; Chauncia VanLowe, DePaul University; Melinda Troyka, DePaul
University
When conducting intervention research, there are certain factors to take into
consideration when moving from efficacy to effectiveness trials, such as
building partnerships, training personnel, and fidelity. This roundtable will

269

engage audience members in a discussion about some of the challenges and growth opportunities involved in this scaling-up process.

11:00 Under Pressure: Quantifying Adolescent Stress and Adversity
Brandon Isler, DePaul University; Heather Marshall, DePaul University; Alexander O'Donnell, DePaul University; Zoe Makuch, DePaul University; Imani Todd, DePaul University; Corbin Heath, DePaul University; Jocelyn Carter, DePaul University; Kathryn Grant, DePaul University
Recent advancements have provided clinician-researchers new ways to quantify stress. Integrating these new measures – whether physiological, socio-environmental, or cognitive-affective – with traditional measures could drastically improve clinical child/adolescent trauma interventions. Novel methodologies relevant to such interventions will be discussed, as will their potential to expand our understanding of trauma.

12:00 The Impact of Teacher Classroom Behaviors on Students' Feelings about School
Sonji Jones-Manson, National Louis University; Ray Legler, National Louis University
This round-table discussion will examine issues related to the connection between classroom environments and affective outcomes for students of color in a large urban school district, and encourages a broader conversation about understanding the influence of student-teacher relationships on student affect through a social-cultural lens.

1:00 The relationship between parents' internalized stigma and child treatment outcomes
Samuel Yoo, DePaul University; Elzbieta Wiedbusch, DePaul University; Madeline Johnson, DePaul University; Krista Ekberg, DePaul University; Chelsea Torres, DePaul University
Adolescents face unique barriers to mental health treatment services. Parents may inhibit services by refusing underreporting symptoms or outright denying services. The presenters will discuss contributing factors, like the stigma of mental illness as a product of failed parenting, cultural intersections of gender, race, and ethnicity, and more.

2:00 Breaking the Binary: Trans-Affirming and Empowering Practices
Michelle Adzido, DePaul University; Karl Conroy, DePaul University; Alexandra Porcaro, DePaul University; Rebecca Nguyen, DePaul University; Elzbieta Wiedbusch, DePaul University; Leonard Jason, DePaul University
Gender discourse within psychology is often limited in scope. As our

understanding of gender changes, researchers must implement inclusive transgender-affirming practices that not only effectively capture gender diversity, but also yield ethical and accurate research. The goals of this roundtable are to discuss transgender community partnership engagement, inclusive measures, and allyship.

SCRA Sessions II

Fri 9:00AM - 3:00PM   Kimball

10:00 Capacity-building for forming partnerships with community organizations

Rebecca McGarity-Palmer, DePaul University; Kelly Lancaster, DePaul University; Kayleigh Zinter, DePaul University; Helena Swanson, DePaul University; Martha Szekely, DePaul University; Ted Bobak, DePaul University; Jakob Carballo, DePaul University; Ryan Claudio, DePaul University; Genera Fields, DePaul University; Madeline Mazanek, 1993; Emily Edwards, Depaul USA; Joseph R. Ferrari, DePaul University

We review our data and evaluation capacity building with a local non-profit that provides housing and food assistance to college students. We discuss how to build capacity within non-profits, why capacity building is important, and how this activity can serve to better connect a research team with a community organization.

11:00 The Chicago Anti-Recidivism (CAR) Model: Collaborating for Social Change

Tonya Hall, Chicago State University; Martha Williams, Retired from Chicago Public Schools; Christine Robison, Consultant in Private Practice

This roundtable will highlight the Chicago Anti-Recidivism (CAR) model, a community-based, participatory action research program designed to establish collaborations among key stakeholders to reduce recidivism rates of individuals returning to society (IRS) after incarceration. The purpose of the CAR program is to establish a theoretical model designed to empower individuals returning to society to be productive citizens contributing positively to their communities. Conference attendees are invited to join the roundtable discussion.

12:00 Forming Partnerships and Engaging in International Collaborative Research

Cori Tergesen, DePaul University; Kailyn Bare, DePaul University; Kayleigh Zinter, DePaul University; Yesenia Garcia, DePaul University; Elena

Gonzalez Molina, DePaul University; Susan McMahon, DePaul University; Luciano Beradi, DePaul University; Martha McGivern, DePaul University; Fabricio Balcazar, University of Illinois, Chicago
Effective international collaboration can potentially address global issues and lead to mutually beneficial long-term partnerships. This roundtable aims to (a) discuss ideas for setting goals for engaging in international collaborative projects, (b) share benefits and challenges encountered while establishing and maintaining international partnerships, and (c) propose solutions for overcoming these barriers.

1:00 What Are Benefits Of The Community Collaborating With Community Psychologists?

LaShawn Littrice, National Louis University; Brad Olson, National Louis University; Judah J. Viola, National Louis University; Tiffeny Jimenez, National-Louis University; Ericka Mingo, National Louis University
This roundtable discussion will focus on the role of Community Psychologists in the community. There are important benefits of Community Psychology and the impact of community organizing, community advocacy, and community outreach. The systemic issues that affect the community should be at the core of our collaborative efforts.

2:00 HOMELESSNESS: COLLABORATION AND WRAP AROUND SERVICES

Gloria West, National Louis University
Homeless shelter programs often provide limited services to homeless families that support self-sufficiency and sustainability. Services depend largely on the collaborations and partnerships of the programs themselves. The comprehensive wraparound approach can be created only through the complete assessment of the family.

SCRA Sessions III

Fri 9:00AM - 3:00PM   Indiana

10:00 Giving Voice to Communities: Serving Marginalized Populations

Karl Conroy, DePaul University; Krista Ekberg, DePaul University; Chelsea Torres, DePaul University; Madeline Johnson, DePaul University; Leonard Jason, DePaul University
Giving communities a voice is essential when serving marginalized populations, and one way to do this is with self-report measures, which can inform research by allowing community members to speak for themselves.

This roundtable will discuss the construction and application of self-report measures, and consider their relation to advocacy work.

11:00 Oxford House v. NIMBY: Intergroup Conflict and Cooperation
Joseph Cotler, Depaul University; Ted Bobak, DePaul University; Shaun Bhatia, DePaul University; John M. Majer, Harry S. Truman College
 Intergroup conflict between Oxford house residents and established ocmmunity residents are often legally resolved through litigation, however lingering tensions still exist. The current roundtable seeks to identify cooperation strategies to mitigate intergroup conflict between the two groups.

12:00 Examining Medication Assisted Treatments in Oxford House Recovery Residences
Leonard Jason, DePaul University; Jack O'Brien, DePaul University; John M. Majer, Harry S. Truman College; Ted Bobak, DePaul University
Descriptive data, from Oxford House (OH) recovery home residents in 12 states, will be analyzed with a focus on the number of residents on Medication Assisted Treatment (MAT). A recent study has shown attitudes shift regarding MAT utilization in OH, and trends regarding MAT use is needed.

1:30 Early Pathways: Assessment and Treatment of Young Children Experiencing Trauma
Alan Burkard, Marquette University; Sarah Boeding, Marquette University; Jennifer Tomlin, Marquette University
Early Pathways, an evidence-based treatment model for trauma and mental health concerns for children ages zero-to-six will be presented. The session will address the treatment model, a cultural adaptation, assessment of trauma, current research. This session will conclude with discussion of future directions for the research and treatment of trauma.

<div align="center">

SCRA Sessions IV

</div>

Fri 9:00AM - 3:00PM   Marshfield

10:00 Putting your Community Psychology Training to Use: Landing a Job and Doing the Work
Judah J. Viola, National Louis University; Chanel Phillips, National Louis University; TONYA ROBERSON, DePaul University; Eileen Johnson, National Louis University; Jacqueline Samuel, National-Louis University;

Patricia R. Luckoo, National Louis University; Donna Woods, National Louis University; Charles Brown, National Louis University; LaShawn Littrice, National Louis University
The presenters whose positions include hospital administrator, consultant, faculty member, non-profit manager, and government agency supervisor, will share lessons learned from their job search experiences and engage with audiences through dialogue for the purpose of disseminating knowledge of how to apply their training to their work settings.

11:00 Bridging the Gap Between Classroom and Community
Catharine Ryan, DePaul University; Olya Glantsman, DePaul University; Sarah Pelletier, DePaul University; Jack O'Brien, DePaul University
DePaul University's Community Psychology concentration requires undergraduate students to participate in a fieldwork internship at various locations including non-profits, research labs, counseling services, and more. This roundtable seeks to engage students, instructors, and audience members in a discussion about the importance of Community Psychology within the classroom and fieldwork.

12:00 Can Entrepreneurship help Youth in Transition from High School?
Fabricio Balcazar, University of Illinois, Chicago; Sumithra Murthy, University of Illinois at Chicago; Sarah Parker-Harris, University of Illinois at Chicago
This is a discussion about a school-based model intended to promote best practices for promoting entrepreneurship outcomes for low-income transition-aged youth with disabilities which could be adapted to any other youth preparing to graduate from high school. We plan to discuss contextual and personal factors that can impact the process.

1:00 How Community Psychologists are Impacting Chicagoland Communities
Judah J. Viola, National Louis University
This presentation will share interview and survey findings of career outcomes and community engagement of 60 recent community psychology PhDs. Participants are engaged in work across a variety of settings and systems including but not limited to healthcare, education, and higher ed), government, nonprofit, and consulting.

10:00 Using an ecological framework to determine feasibility of CHW program

Gina Curry, University of Chicago Cancer Center; Tiffeny Jimenez, National-Louis University; TONYA ROBERSON, DePaul University

Lack of diversity in biomedical research contributes to health disparities. Community Health Workers are evidenced to help reduce health disparities and improve health equity. This roundtable will discuss the feasibility of a CHW biomedical research career pipeline program using an ecological framework to identify and eliminate barriers.

11:00 Reducing Conflict through Environmentally Sustainable Programs: A Greener Approach

August Hoffman, Metropolitan State University; Shannon Sonnee, Metropolitan State University

Conflict, hate crimes and extremism have been steadily increasing in the United States due to a variety of political, economic and sociological factors. The purpose of the current research is to examine the role of green space and environmentally sustainable programs as viable methods to reduce conflilct.

12:00 Midwest ECO 101: Planning and Practice in Student-Led Conferences

Vanessa Goodar, National-Louis University

Over 300 students, professionals and community members were in attendance at the 43rd Midwest ECO Conference. The conference focused on "Strengthening the Village: Global Implications of Social Solidarity". In an attempt to be of assistance to the next generation of ECO organizers, we offer some points of consideration.

1:00 Marginalized youths' post-high school plans and aspirations: An ecological analysis

Marbella Uriostegui, University of Illinois at Chicago; Amanda Roy, University of Illinois- Chicago; Taylor Lay, University of Illinois at Chicago; Andrea DaViera, University of Illinois, Chicago; Kyla Ford, University of Illinois at Chicago; Amanda Boyer, Loyola University Chicago

This symposium features an ecological analysis exploring the individual, familial, and community factors related to low-income, racial/ethnic minority youths' post-high school plans. These studies suggest that youths' future

aspirations should be viewed in the context of their development, family, and community assets that they leverage to reach their goals.

SCRA Poster Session

Fri 11:30AM - 12:20PM   Exhibit Hall

18 Examining the Housing Histories of Long-Term Shelter Stayers
Mackenzie Hudson, DePaul University; Noor Arjmand, DePaul University; Victoria Zygmunt, DePaul.edu; Quinmill Lei, DePaul University; Molly Brown, DePaul University
LTSS are homeless individuals who stay in shelters for an extended period of time. This study analyzes the housing history and housing transitions of LTSS individuals through qualitative interviews with 19 LTSS shelter residents. Findings have implications for better defining the term LTSS and illuminating pathways into long-term shelter use.

19 Conscientious clergy: Exploring personality structure of social justice ministers
Kelly Lancaster, DePaul University; Jakob Carballo, DePaul University; Ryan Claudio, DePaul University
A Deacon's role in Catholicism is to serve. The HEXACO Personality Inventory measures six personality traits, "conscientiousness" describes one's likelihood to work towards goals and to serve their surroundings. Using data gathered from Deacons (n = 1,349) and candidates (n = 202) we will explore their conscientious scores on the HEXACO.

20 Belonging support and reintegration for ex-offenders with substance use disorder
Mary Abo, DePaul University; Mayra Guerrero, DePaul University; Leonard Jason, DePaul University; Meghan Salomon-Amend, DePaul University
Previously incarcerated and drug dependent individuals are at-risk for reincarceration.This study examines belonging support in relation to reintegration and sobriety. Within recovery settings, individuals who have been incarcerated rated higher belonging support and sense of community than those who are drug dependent with no history of incarceration.

21 Hip-Hop H.E.A.L.S.: "Talking the Talk" to "Walk the Walk"
Jaleel K. Abdul-Adil, University of Illinois at Chicago; Roberto Lopez-Tamayo, University of Illinois at Chicago; Liza Suarez, University of Illinois

at Chicago; Summer Akers, University of Illinois at Chicago; Jacqueline Moncivais, University of Illinois at Chicago; Taylor Roth, University of Illinois at Chicago & Samantha Brooks, University of Illinois at Chicago
Hip-Hop H.E.A.L.S. uses strategically-selected Rap music and Hip-Hop culture to promote evidence-based practices for violence prevention and trauma-informed care in culturally-sensitive styles that target urban youth audiences. Preliminary mixed methods program evaluation of initial provider trainings suggests positive feedback that can inform dissemination and implementation efforts in urban communities.

22 Community-academic collaboration addresses cancer disparities in Chicago Latinx community
Gina Curry, University of Chicago Cancer Center
Cancer in Chicago's South Chicago community (#46) exceeds both local & national rates. Despite a large percentage of the population identifying as Latinx that live, work, worship and play in the area, there are few community specific cancer resources for this population. This poster will describe collaborative efforts to combat this disparity.

23 Barriers to Housing from the Perspectives of Individuals with Long-term Shelter Use Histories
Camilla Cummings, DePaul University; Molly Brown, DePaul University
There is limited research on barriers to housing among long-term homeless shelter stayers (LTSS). This qualitative study of 19 LTSS identified 12 themes describing barriers to housing across ecological levels. Findings have implications for programs to better serve this subset of the chronically homeless population.

24 An Exploratory Analysis of Critical Motivation in Urban Mentoring Settings
Mary Takgbajouah, DePaul University; Catherine Pierre-Louis, DePaul University; Edith Chen, Northwestern University; David DuBois, University of Illinois at Chicago; Greg Miller, Northwestern University; Kathryn Grant, DePaul University
Critical Motivation (CM) measures perceptions of how able/committed one is to challenging inequalities/creating change. 100 students from DePaul University and Chicago Public School were administered a CM subscale. An ANOVA will determine variation in CM among different demographics/developmental stages to provide insight as how these different sub-populations experience CM.

25 Student Experiences with the "Introduction to Community Psychology; Becoming an Agent of Change" Textbook
Ted Bobak, DePaul University; Olya Glantsman, DePaul University; Jack O'Brien, DePaul University; Leonard Jason, DePaul University
The *Introduction to Community Psychology; Becoming an Agent of Change* textbook is tailored for undergraduates, but can be used by anyone who is interested in learning more about the field. Student satisfaction, readability, quality images, ancillary links, and pedagogical aids are the primary domains of this evaluation.

26 Suicide among African American Children
Mia Kosmicki, DePaul University; Simone Parkas, Depaul University; Leonard Jason, DePaul University; LaVome Robinson, DePaul University
This poster explores the existing literature on suicidality among African American adolescents, especially those within the 5-12 age range, in order to identify common risk and protective factors specific to this population. Additionally, this poster offers suggestions for future research based on gaps in the literature.

27 Perceptions of Sexual and Relationship Violence Preventability Among College Males
Emily Patton, DePaul University; Kayleigh Zinter, DePaul University; Peggy Tull, DePaul University; Megan Greeson, DePaul University
Using a repeated measures ANOVA, this poster examines the differences that exist between fraternity and non-fraternity males and their perceptions of sexual and relationship violence (SRV) as preventable. Longitudinal data were collected at an urban, Midwest Catholic university. Implications for future research and practice will be discussed.

28 When the Servant Serves the Community: Community Involvement and HEXACO-60
Ryan Claudio, DePaul University; Joseph R. Ferrari, DePaul University; Jakob Carballo, DePaul University; Rebecca McGarity-Palmer, DePaul University
Deacons are men of the Catholic Church who serve in both their communities and parishes. In this study Roman Catholic deacons (n = 1,349) completed an online survey. The community involvement of the participants was analyzed using a one-way ANOVA to see if it affected the participants' HEXACO subscale scores.

29 Círculo de Mamás: Moving from Community Assessment to Action

Lisa Edwards, Marquette University; Karina Loyo, Marquette University; Ashley Faytol, Marquette University; Mackenzie Goertz, Marquette University; Kat McConnell, Marquette University; Ian Turnbow, Marquette University

Círculo de Mamás provides an example of moving from community assessment to the development of an intervention to support perinatal Latinx mothers' mental health. Early findings from this wellness support group suggest that mothers find it helpful and effective at decreasing loneliness and increasing a sense of support.

30 Links Between Threatened Masculinity and Verbal Sexual Coercion

Susan Long, Lake Forest College; Cassidy Herberth, Lake Forest College; Dean Kapolas, Lake Forest College; Sharona Kolesnikov, Lake Forest College; Elizabeth Ramirez, Lake Forest College; McKinley Scheppler, Lake Forest College; Eleanor Sokol, Lake Forest College; Molly Schul, Lake Forest College; Arleigh Kraker, Lake Forest College

In United States culture, the term "toxic masculinity" is used to imply a negative and hypermasculine ideology. Part of this hypermasculine ideology is the need to reassert one's masculinity when it is seemingly questioned. This study investigates the sexually assaultive tendencies of men whose masculinity was threatened.

31 Growth-focused activities in NMRs and academic outcomes among Latinx adolescents

Alexander O'Donnell, DePaul University; Bernadette Sanchez, DePaul University

Natural mentoring relationships are one space in which youth have opportunities to engage in activities longitudinally associated with intrinsic motivation, such as learning about subjects they are interested in. This relationship may moderated by the presence of school-related stressors. Follow-up linear regression analyses will be used to test these associations.

32 Schools' Use of Technology to Screen Youth At-Risk for Suicide

Chelsea Harris, DePaul University; Shaun Bhatia, DePaul University; Leonard Jason, DePaul University; LaVome Robinson, DePaul University

To help expand a school's capacity to prevent suicides, a leading cause of death among adolescents, schools may consider the use of e-training tools and computer-assisted screeners. The likely benefits and potential concerns of using technology to aid schools in screening for youth at-risk for suicide will be explored.

33 SDA Christian LGBT+Family Support, Depression & Suicide: Implications

Nancy Carbonell, Andrews University

Most religious groups are seen as unfriendly to LGBT youth which contributes to the difficulty these young people have in coming out to their families. The results from one of the first denominational studies to explore the experience of LGBT+ youth coming out to their families will be discussed.

34 Open Collaboration and Open Access: The Online Textbook Creation Process

Jack O'Brien, DePaul University; Kaitlyn Ramian, DePaul University; Ted Bobak, DePaul University; Olya Glantsman, DePaul University; Leonard Jason, DePaul University

The free, online textbook, "*Introduction to Community Psychology: Becoming an Agent of Change*" was published in 2019. There will be analysis and discussion of the creation process as a model for community psychologists to follow in making their own online resoures.

35 Gender Differences in Suicide for African American Adolescents

Melinda Troyka, DePaul University; Catharine Ryan, DePaul University; Chauncia VanLowe, DePaul University; Leonard Jason, DePaul University; LaVome Robinson, DePaul University

Existing literature reveals noteworthy gender differences in both the rates and trajectory of suicidality for African American adolescents. This poster explores proposed theories for these differences, discusses the risk and protective factors in suicide for boys and girls, and provides implications for community-based interventions with African American adolescents.

36 Community-Engaged Pedagogical Practices that Support Both Civic Development and Psychosocial Well-Being Among Marginalized Undergraduate Populations

Claire Barrett, University of Wisconsin-Madison

This poster presents research about specific community-engaged learning pedagogical practices that support both the civic development and psychosocial wellbeing of marginalized student populations. It addresses the importance of intersectional identities and authentic relationships among students, faculty and community partners and highlights important implications for programs in community psychology.

37 Gender differences in symptom reporting between youth with myalgic encephalomyelitis/chronic fatigue syndrome (ME/CFS) and their parents
Krista Ekberg, DePaul University; Chelsea Torres, DePaul University; Leonard Jason, DePaul University
To date, potential gender discrepancies in symptom reporting between youth with myalgic encephalomyelitis or chronic fatigue syndrome (ME/CFS) and their parents have not been investigated. The current study's aim is to determine whether there are gender differences in a community-based sample of 119 children diagnosed with ME/CFS and their parents.

38 Developing Relationships Between Underrepresented College Students and Institutional Natural Mentors
Lidia Monjaras, DePaul University; Mariana Bednarek, DePaul University; Bernadette Sanchez, DePaul University; McKenna Parnes, Suffolk University; Sarah Schwartz, Suffolk University
This study investigates factors that predict institutional natural mentoring relationships (INMs). Preliminary analyses indicate that having a stronger social network orientation, stronger relationships with instructors, and having an off-campus mentor were significantly associated with having an INM. This study may shed light on factors that influence students' developing INMs.

39 Motivations for Starting Sexual Assault Response Teams (SARTs)
Jessica Rice, DePaul University; Annie Wegrzyn, DePaul University; Megan Greeson, DePaul University
Sexual Assault Response Teams (SARTs) consist of individuals who coordinate in responding to sexual assault. Qualitative semi-structured interviews were conducted with SARTs to examine goals and motivations for implementing a SART in their community. Findings from this study will indicate influential motivations behind the formation of SARTs.

40 Estimating the Number of Recovery Residences in The United States
Elzbieta Wiedbusch, DePaul University; Ted Bobak, DePaul University; Leonard Jason, DePaul University
The study aims to gather an estimate of recovery residences. Findings reveal that there is no system records the number of recovery homes, no registration required for home owners, and no agency tracking the residences' status. Future research should explore how affiliation affects outcomes of homes and its residents.

41 Post-Exertional Malaise (PEM): Examining patients' experience through a community developed questionnaire.

Rebecca Tsivin, DePaul University; Krista Ekberg, DePaul University; Chelsea Torres, DePaul University; Leonard Jason, DePaul University
Post-exertional malaise (PEM) is a cardinal symptom of Myalgic Encephalomyelitis or Chronic Fatigue Syndrome. The aim of the current study will examine patients' experience of PEM through a community developed questionnaire. Further, we examine symptoms that follow PEM to explore if type of onset may predict subsequent symptoms.

42 Use of Trauma-informed Care during Conflict Resolution within Homelessness Services
Rachel Bell, DePaul University; Cristina Candel, DePaul University; Erin Hoffman, DePaul University; Mackenzie Hudson, DePaul University; Sarah Pelletier, DePaul University; Molly Brown, DePaul University
Trauma-Informed Care (TIC) can be used for conflict resolution within homelesssness service delivery. This study examines how homelessness service providers employ TIC to manage conflict with 1) service consumers and 2) between fellow providers. Preliminary findings suggest strengthening TIC policy and practice in homelessness organizations.

43 Organizational Support within a Trauma-informed Homelessness Service Organization
Sarah Pelletier, DePaul University; Rachel Bell, DePaul University; Cristina Candel, DePaul University; Erin Hoffman, DePaul University; Molly Brown, DePaul University
This qualitative study explores the traits and practices of organizational support within a homeless service organization. Most often a quantitative methodological approach is used within researching organizational support, however qualitative methodologies capture a deeper understanding of perceived organizational support and its impacts on staff's work performance.

44 Mentor Ethnic-Racial Similarities and Support on Student Well-being
Yesenia Garcia, DePaul University; Bernadette Sanchez, DePaul University; McKenna Parnes, Suffolk University; Sarah Schwartz, Suffolk University
How do ethnic-racial similarities and ethnic-racial support in a natural mentoring relaltionship influence the psychological well-being for college students of color? This study examines how higher ethnic-racial support and similarity promote students' ethnic-racial identity centrality and influence higher life-satisfaction, higher self-esteem, and lower psychological distress in college students.

45 Beyond Awareness into Prevention
Llena Chavis, Hope College; Kirby Julia, Hope College
In response to astounding statistics of suicidality in middle and high school students in a college community, one professor and one college student developed and implemented an intervention program. Incorporating recent literature, the PI's developed an 8-week course which they evaluated through a pre and post-test. Results will be presented.

46 Disentangling Men's Shame and Masculinity
Susan Long, Lake Forest College; Eleanor Sokol, Lake Forest College; McKinley Scheppler, Lake Forest College; Elizabeth Ramirez, Lake Forest College; Arleigh Kraker, Lake Forest College; Molly Schul, Lake Forest College; Dean Kapolas, Lake Forest College; Cassidy Herberth, Lake Forest College
Popular culture often discusses the concept and consequences of "toxic masculinity." Men whose masculinity was threatened felt higher shame, were more likely to try to escape feelings of shame, and were more likely to prevent future shaming opportunities than men in the control group.

47 The Effects of Stereotype Threat on Emotional Stroop Response Latency
Brandon Isler, DePaul University; Heather Marshall, DePaul University; Alexander O'Donnell, DePaul University; Zoe Makuch, DePaul University; Imani Todd, DePaul University; Corbin Heath, DePaul University; Kathryn Grant, DePaul University
Urban, ethnic-minority youth report a decline in psychological health problems across adolescence. A diverse sample of adolescents attending middle and high schools in Chicago were asked to complete an emotional Stroop task either before or after a demographic survey to assess the impact of stereotype threat on response latencies.

48 Interdisciplinary Community Coalitions: Examples from the Saving Lives, Inspiring Youth Cross-Age Peer Mentoring Program
Jamie Kessler, Loyola University Chicago; Ogechi Onyeka, Loyola University Chicago; Kevin Miller, Loyola University Chicago; Chana Matthews, Loyola University Chicago; Amzie Moore, Loyola University Chicago; Maryse Richards, Loyola University Chicago
Community-academic partnerships produce ecologically valid, community research, with community collaborators integral to understanding a community's strengths and concerns. Tensions between research and practice may present challenges, particularly in marginalized communities. This

proposal explores community collaborations from Saving Lives, Inspiring Youth (SLIY), a community-based cross-age peer mentoring program in Chicago.

49 Racial Socialization as a Protective Factor in Adolescent Suicidality
Jeremy Jagers, DePaul University; Kyle Hucke, DePaul University; Leonard Jason, DePaul University; LaVome Robinson, DePaul University
This poster examines the existing literature on the link between racial socialization and suicidality for African Americans. Racial socialization is a multidimensional process that has previously been examined as a potential protective factor for African American adolescents. Exposure to racism is a risk factor for increased suicidality in African Americans.

50 Technology Clutter: Why do people keep their E-waste?
Genera Fields, DePaul University; Helena Swanson, DePaul University; Joseph R. Ferrari, DePaul University
In our ever-deprecating ecological system, we wanted to see why different age groups chose to keep their electronic waste. We surveyed 300 adults both young and old in the hopes of finding a pattern. E-waste, however, is an epidemic for all with no consistent reasoning. We must do better.

APA Division 27
Dinner and Poster Awards

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 send your RSVP to thall26@csu.edu.

Day/Time: Friday, 5:00PM

Location: Exchequer Restaurant & Pub
                   226 S. Wabash Avenue
                   Chicago, Illinois, 60604
                   http://www.exchequerpub.com

Organizers:

MELISSA PONCE-RODAS, Andrews University
TONYA HALL, Chicago State University

The 34th Annual Door County Summer Institute

Week 1: July 20-24, 2020

Session 1   July 20-24, 2020
Donald Meichenbaum, PhD
A Cognitive Behavioral Approach to Trauma and Resilience Across the Lifespan

Session 2   July 20-21, 2020
Richard Barthel, MD
Pediatric Psychopharmacology Update 2020

Session 3   July 20-21, 2020
Michael Hoyt, PhD
Single-Session Therapy: When the First Meeting May be the Last

Session 4   July 23-24, 2020
Michelle Loman, PhD, & Lindsay Nelson, PhD
Effects of Adult and Pediatric Traumatic Brain Injury: What do we Know, and What do we do?

Session 5   July 23-24, 2020
Laurie Sullivan, MD
Mindfulness Immersion: Non-Drug Methods for Coping with Stress, Pain, and Illness

Week 2: July 27-31, 2020

Session 6   July 27-31, 2020
Fred Heide, PhD, & Lee Becker
Unconditional Positive Regard: An Improvisational Approach

Session 7   July 27-31, 2020
James Gustafson, MD
The Importance of Second Impressions in Psychotherapy

Session 8   July 27-28, 2020
Russell Barkley, PhD
ADHD in Adults: Nature, Assessment, Diagnosis, and Management

Session 9   July 30-31, 2020
Rebecca Anderson, PhD, & Sarah Trost, PhD
Principles of Pain Management for the Mental Health Provider

Week 3: August 3-7, 2020

Session 10   August 3-7, 2020
Francis Lu, MD
Enhancing Compassion as a Way to Resilient Well-Being Through the Mindful Viewing of Films

Session 11   August 3-7, 2020
David Katzelnick, MD, & Ronald Diamond, MD
2020 Update on Prescribing Psychiatric Medications

Session 12   August 3-4, 2020
Albert "Skip" Rizzo, PhD
Clinical Virtual Reality: A Brief Review of the Future!

Session 13   August 6-7, 2020
Jerrold Post, MD
The Fundamentals of Political Psychology

Sponsored by the Medical College of Wisconsin, Department of Psychiatry
Visit our website for course descriptions and a link to our online registration:
www.mcw.edu/psychiatry/doorcounty.htm
or call (414) 955-7250 for more information

Morrison Family
College of Health

UNIVERSITY OF
St.Thomas

MENTAL & BEHAVIORAL HEALTH TRAINING.

WHOLE PERSON FOCUS.

THE MORRISON FAMILY COLLEGE OF HEALTH

Located in the heart of the vibrant Twin Cities metro area, the Morrison Family College of Health at the University of St. Thomas offers multiple graduate program options for mental health professionals seeking to advance the total health and well-being of individuals, families and communities.

- **MSW in clinical social work**

- **Counseling Psychology M.A. and Doctorate programs**

stthomas.edu/health

Psi Chi Poster Session I

Thu 8:00AM - 8:45AM   Exhibit Hall

1 To be or to not to be paid? Examining the effects of scholarships for NCAA swimmers
Logan Johnsen, University of Wisconsin Green Bay; Rosalyn Stoa, University of Wisconsin-Green Bay (Jana Fogaca, Faculty Sponsor)

2 Do Difference in Teaching Evaluations Really Matter? An Investigation into What Constitutes a Meaningful Difference in Evaluations of Professors.
Catherine Bain, Butler University (Dr. R. Brian Giesler, Faculty Sponsor)

3 The effect of pet ownership on resilience and self-efficacy following social rejection
Logan Amundson, Dakota Wesleyan University; Jacinda Biberdorf, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

4 Exploring the Use of Social Media for Studying a Rare Dialect-specific Grammatical Construction
James Lazzara, University of Pittsburgh at Greensburg (Dr. Kristin Asplin, Faculty Sponsor)

5 Effectiveness of immediate visualization in soccer free kicks
Juan Gaitan, Lindenwood University Belleville; Trisha Prunty, Lindenwood University - Belleville (Trisha Prunty, Faculty Sponsor)

6 The Impact of Student Employment Status and Time of Major Selection on Student Persistence and Benefits of a Peer-Mentoring

Program - PSI CHI AWARD WINNER
Devon Burris, University of Wisconsin, River Falls (Dr. Travis Tubré, Dr. Richard Seefeldt, Faculty Sponsor)
We examined whether employment status and time to decision of major were related to benefits in a first-year student peer mentoring program. Employed students and those deciding more proximally on their major indicated reduced benefits from the program. We will discuss program modifications that may reduce this discrepancy.

7 Parents, Stress, and Mastery Orientation: What Impacts a Student's Determination to Excel?
Hannah Mansfield, Truman State University; Samantha Carroll, Truman State University (Dr. Karen Vittengl, Faculty Sponsor)

8 The roles of head and assistant coaches in athlete motivation
Sthephany Escandell, University of Wisconsin- Green Bay; Tsz Lun (Alan) Chu, University of Wisconsin - Green Bay (Alan Chu, Faculty Sponsor)

9 The Big Five Traits as a Mediator Between Gender and Religiosity
James Waltz, Southeast Missouri State University; Grace Smith, Southeast Missouri State University; Catherine Chou, Southeast Missouri State University (Catherine Chou, Faculty Sponsor)

10 The impact of feedback on failure to complete a task when prevented from trying
Jocelyn Behm, Dakota Wesleyan University; Sydney Fritz, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

11 Measuring Cell Phone Use in College Students: Implications for Achievement
Elizabeth Berning, Jefferson College; Cassidy Sansoucie, Jefferson College (Brandon Whittington, Faculty Sponsor)

12 The relationship between General Factor of Personality, flow, and identity
Megan Bardmass, Western Illinois University; Curtis Dunkel, Western Illinois University (Dr. Curtis Dunkel, Faculty Sponsor)

13 Personality and Serial Killers in Popular Culture
Kristin Kennedy, Murray State University (Sean Rife, Faculty Sponsor)

14 Effect of Personal Stories from a Recovered Patient on Participants' Perceptions of Individuals with Schizophrenia
Taylor Weber, Mount St. Joseph University (Dr. Tim Lawson, Faculty Sponsor)

15 The relationship between financial stress and well-being in college students
Rachael Tuve, University of Wisconsin- Superior (Eleni Pinnow, Faculty Sponsor)

16 Reducing Anxiety in College Students Through the Use of Mental Health Apps
Abigail Campbell, Mount St. Joseph University (Dr. Tim Lawson, Faculty Sponsor)

17 Appearance and Social Influence: The impact of social perceptions on helping skills
Caity Cox, Clarke University (Larissa Arnold, Faculty Sponsor)

18 Exploring the role of mentorship, sense of belonging and non-discriminatory campus climates on leadership self-efficacy for black women collegians
Kiana King, University of Missouri-Columbia (Dr. Michael Williams, Faculty Sponsor)

19 Could Caffeinated Coffee be the Newest Comfort Food to a Sleep Deprived Mind?
Caroline Hunt, University of St. Thomas; Abby Johnson, University of St. Thomas; Aziza Osman, University of St Thomas (Sarah Hankerson, Faculty Sponsor)

20 Evaluation of the reliability and validity of the Constructive and Unconstructive Worry Questionnaire
Ivana Majerle, John Carroll Univeristy; Anthony Tarescavage, John Carroll University (Anthony Tarescavage, Ph.D., Faculty Sponsor)

21 Get down to brass tacks with the beat: how rhythm affects temporal perception
Kamilah Boedigheimer, University of St. Thomas (Dr. Sarah Hankerson, Faculty Sponsor)

22 The relationship between accuracy of dog behavior classification and gaze pattern
Sarah Gasdick, Miami University; Sarah Edwards, Miami University of Ohio; Carrie Hall, Miami University; Kate McCoy, Miami University (Carrie Hall, Faculty Sponsor)

23 The Effects of Tattoos on Perception
Chadwick Walkins, Heidelberg university; Ava Donnersbach, Heidelberg University; Amandalin Hensley, Heidelberg University

724 First-year experience and how it affects overall college experience
Emma Stefanatos, Manchester University; Naomi Deneke, Manchester University; Rebecca Porterfield-Winstead, Manchester University; Lily Wheeler, Manchester University (Marcie Coulter-kern, Faculty Sponsor)

25 Attitudes and beliefs about ENDS use in young adults
Katie Oltz, University of Minnesota Duluth; Rebecca Gilbertson, University of Minnesota -- Duluth (Rebecca J. Gilbertson, Faculty Sponsor)

26 Emotional Support Animals and Their Effect on Stress and Math Performance
Alyssa Eckman, Xavier University (Heather M. McCarren, Ph. D, Faculty Sponsor)

27 Effect of breed name on visual scanning of canines
Sarah Edwards, Miami University of Ohio; Sarah Gasdick, Miami University; Kate McCoy, Miami University; Carrie Hall, Miami University (Dr. Carrie Hall, Faculty Sponsor)

28 Art Heals? Impressions of effectiveness of art therapy based on quantitative and qualitative video presentations
Christine Seitz, North Central College; Rachel Allison, North Central College (Karl Kelley, Faculty Sponsor)

29 Watch your language: investigating linguistic markers of persuasion and attitude change
Alexia Loggarakis, Lake Forest College; Vivian Ta, Lake Forest College; Caroline Griffith, Lake Forest College; Annie Keller, Lake Forest College (Vivian Ta, Faculty Sponsor)

30 Effects of Dark Personality Traits on Social Relationships
Kali Forden, Murray State University; Kristin Kennedy, Murray State University; Hillary Copeland, Murray State University; Christian Barefield, Murray State University; Allison Hine, Murray State University; Brooke Kordys, Murray State University; Hannah Hays, Murray State University; Tristen Brown, Murray State University; Katherine Link, Murray State University; Sadie Goralski, Murray State University; Tracey Garcia, Murray State University; Patrick Cushen, Murray State University (Dr. Patrick Cushen, Dr. Tracey Garcia McCue, Faculty Sponsor)

31 Validation of the Student-Instructor Relationship Assessment
Jacob Brown, Indiana Wesleyan University (Dr. Timothy Steenbergh, Ph.D, Faculty Sponsor)

32 Effects of a Fake Psychic Reading on College Student's Paranormal Beliefs
Briana Goines, Mount St. Joseph University (Tim Lawson, Faculty Sponsor)

33 The influence of parental adverse childhood experiences on parenting styles and behavior in pre-schoolers
Katalina Cha, University of Wisconsin-Milwaukee; Amy Lang, University of Wisconsin, Milwaukee; W. Hobart Davies, University of Wisconsin-Milwaukee (W. Hobart Davies, Faculty Sponsor)

34 The Relationship Between Criminal Thinking, Mental Illness and Social Disadvantages
Tiana Henderson, University of Missouri (Dr. Keli Canada, Faculty Sponsor)

35 The impact of screen-time on perceived relationship quality
Jasmine Kim, Andrews University; Abigail Lopez, Andrews University (Kristen Witzel, Faculty Sponsor)

36 Neural dynamics of altruistic decision-making
Matthew Kersting, University of Wisconsin - Green Bay (Jason Cowell, Faculty Sponsor)

37 The bystander effect in the digital age: Applying bystander apathy to social media
Rebekah Altonen, John Carroll University (Dr. John Yost, Faculty Sponsor)

38 Explicit and implicit attitudes towards people with disabilities
Abigail Right, Lindenwood University (Dr. Nohara-LeClair, Faculty Sponsor)

39 Conscientiousness and conservation
Abigail Right, Lindenwood University (Dr. Colleen Biri, Faculty Sponsor)

40 Can meaning affirmations reduce intolerance in a disagreement on a moral mandate?
Irein Thomas, Knox College (Frank Mcandrew, Faculty Sponsor)

41 Male alcohol consumption affects females' perceptions of them as mates - PSI CHI AWARD WINNER
Irein Thomas, Knox College (Frank Mcandrew, Faculty Sponsor)
The current study examined what male alcohol consumption signaled to females in a mating situation. Results indicate females' perceptions of the male's personality traits as well as their willingness to engage in a relationship with the male differed as a function of the frequency of the male's alcohol consumption.

42 Just following orders: Understanding the valence of instructions in violent videogames
August Hoffman, Kenyon College (Patrick Ewell, Faculty Sponsor)

43 Toolkit intervention to reduce bias in employee evaluation
Elizabeth Grines, The University of Kansas; Monica Biernat, University of Kansas (Dr. Monica Biernat, University of Kansas, and Rachel Korn,University of California, San Francisco, Faculty Sponsor)

44 Social regulatory conditioning promotes the effectiveness of social emotion regulation in stranger dyads
Christina Wiebmer, Bradley University; Lane Beckes, Bradley University; Sarah Jernberg, Bradley University; Nathan Wisbey, Bradley University; Thomas Shaw, Bradley University; Emma Dowling, Bradley University; Daiyana Young, Bradley University (Lane Beckes, Faculty Sponsor)

45 Peoples' explicit attitudes toward distinctively racial names
Asia Robinson, Fontbonne University (Jason Finley, Faculty Sponsor)

46 The influence corporate objectives have on employees need satisfaction at work.
Amanda Larson, St Cloud State University; BRENDA N. BUSWELL, Saint Cloud State University (Brenda Buswell, Faculty Sponsor)

47 Academic and Social Experiences of Minority Students in Higher Education
Hira Hamirani, Maryville University in Saint Louis (Peter Green, Faculty Sponsor)

48 Gender differences in crosswalk use.
Danielle Gilbert, Wittenberg University; Lukas Klever, Wittenberg University; Natalie Lowen, Wittenberg University; Brittney DiDomenico, Wittenberg University (Lauren S. Crane, Faculty Sponsor)

49 Factors Influencing Text Message Interpretation
Molly Gibbs, Southeast Missouri State University (Dr. Alison Whiteford-Damerall, Faculty Sponsor)

50 It's not you, it's your bumper stickers: Assessing others' external identity markers
Elaine Gatewood, Lindenwood University; Rebecca Foushee, Lindenwood University (Rebecca D. Foushee, Faculty Sponsor)

51 Effects of maladaptive interpersonal schemas on college students' relationships
McKenzie Specht, Minnesota State University, Mankato (Emily Stark, Faculty Sponsor)

52 Using meditation as a tool for prejudice reduction
Josh Higgins, University of Kansas; Christine Tully, University of Kansas; Evelyn Wilson, University of Kansas; Elizabeth Jones, University of Kansas; Olivia Miller, University of Kansas; Leah Miller, University of Kansas; Anna Pope, University of Kansas (Dr. Anna Pope, Faculty Sponsor)

53 Personality risk factors for cyber and relational victimization for males and females
Lauren Postier, Iowa State University; Nicole Hayes, Iowa State University (Dr. Monica A. Marsee, Faculty Sponsor)

54 Does sharing gratitude change how you perceive yourself and others?
Nora Lewis, DePaul University; Laurette McIlwee, Depaul University (Dr. Ralph Erber, Faculty Sponsor)

55 Internalized Misogyny and Victim Blaming
Katheryn Landsbaum, Lindenwood University Belleville; Trisha Prunty, Lindenwood University - Belleville; Kristen McWhirter, Lindenwood University - Belleville (Dr. Trisha Prunty, Faculty Sponsor)

56 Media, emotional intelligence, and their effect on relationship beliefs
Julia Salloum, Hillsdale College (Dr. Kari McArthur, Dr. Benjamin Winegard, Faculty Sponsor)

57 Comparing the treatment of LGBTQ+ students in both same sex and co-ed colleges
Madeleine Green, Saint Mary's College (Bettina Spencer, Faculty Sponsor)

58 The relationship between sexual activity, sexual agency, and self-sexualization in the perception of heterosexual young women
Alyssa Sugar, Kenyon College (Sarah K. Murnen, Ph.D., Faculty Sponsor)

59 The Impact of First-Year-Specific Residence Halls
Elizabeth Russell, Manchester University; Steven Grimes, Manchester University (Dr. Marcie Coulter-Kern, Faculty Sponsor)

60 The effects of solution source on solution aversion to climate change
Baylee Milam, University of Northern Iowa; Brendan Walters, University of Northern Iowa; Nicholas Schwab, University of Northern Iowa (Nicholas G Schwab, Faculty Sponsor)

61 How Motivational Goals Shape Interattitudinal Interactions
Rylan Deer, Indiana University; Elise Ozier, Indiana University; Dorainne Levy, Indiana University, Bloomington; Kathryn Kroeper, Indiana University-Bloomington; Mary C. Murphy, Indiana University (Elise M. Ozier, Dorainne J. Green, Kathryn M. Kroeper, Mary C. Murphy, Faculty Sponsor)

62 Exploring bright spots amongst collegiate student-athletes
Michael Koldan, University of Findlay; Rebekah Frampton, University of

Findlay; Allison Kasprzyk, University of Findlay; Andrea Mata, The University of Findlay (Andrea Mata, Faculty Sponsor)

63 Decreasing stigmatization of individuals with disordered eating by priming uniting identity
Karina Marquez, St. Ambrose University (Robin A. Anderson, Faculty Sponsor)

64 Juror Perceptions of Firearms Conclusions
Sarah Potter, Iowa State University; Kayla Burd, Iowa State University; Stephanie Madon, Iowa State University; Max Guyll, Iowa State University (Dr. Stephanie Madon, Faculty Sponsor)

65 Knowledge and Perceptions Toward Sex Trafficking Victims
Sophia Sielen, University or Wisconsin-Green Bay (Kris Vespia, Faculty Sponsor)

66 They don't make bourbon like they used to; an empirical investigation on nostalgia and attachment as drivers of consumers' preferences, purchases, and consumption of whiskey.
Montana McKnight, Otterbein University (Cynthia Laurie-Rose, Faculty Sponsor)

67 Sports fans, Social Identity, and High-Risk Drinking
Tracey Garcia, Murray State University; Hayley Smith, University of Central Florida (Tracey A. Garcia, Faculty Sponsor)

68 Mixed in the media: media representation and self identity of multiracial individuals
Migdalia Simpson, University of Wisconsin - La Crosse; Mickey Redington, University of Wisconsin - La Crosse; Gabriella Storin, University of Wisconsin - La Crosse (Suthakaran Veerasamy, Faculty Sponsor)

69 Can you see me now? Gender, face stimuli, and impression formation in online communications
Kathryn Larsen, South Dakota State University (Dr. Pirita See, Faculty Sponsor)

70 Reduction of Racial Bias Through Loving Kindness Meditation
Seanna Gebhard, Loras College; Chris Zaragoza, Loras College; Laura

Brinez, Loras College; Samantha Watts, Loras College; Wah Wah Lwin, Loras College (Lisa Grinde, Faculty Sponsor)

72 Implicit beliefs: Does manipulating one belief alter another?
Taylor Robinson, Missouri Western State University (Benjamin England, Faculty Sponsor)

73 What is Cultural Appropriation?: Examining Laypeople's Understanding of Cultural Appropriation
Nicole Olczyk, DePaul University; Sirenia Sanchez, Northwestern University; Ally Friedman, Northwestern University; Fariha Ahmed, Northwestern University; Sylvia Perry, Northwestern University (Sylvia Perry, Faculty Sponsor)

74 An Exploration of the Psychological Correlates of Ableist Beliefs
Lacie Hines, Bemidji State University; Rebekah Asp, Bemidji State University (Dr. Thomas Dirth, Faculty Sponsor)

75 How racial discrimination and colorism impact mental health outcomes in Black and Latino college students
Jasmine Pool, University of Missouri- Columbia (Dr. Antoinette Landor, Faculty Sponsor)

76 Dominance and testosterone in romantic relationships
Rachel Landry, University of Michigan; Robert Vasilkovskii, University of Michigan; Kalea Young-Gibson, University of Michigan; Dominic DiFranco, University of Michigan; Zachary Reese, University of Michigan - Ann Arbor (Robin Edelstein, Faculty Sponsor)

77 Finding the 'Meaning' in Social Media: How Social Media Post Type Affects the Likelihood of Following and Perceived Happiness of the Poster
Margaret King, Truman State University; Allison Rice, Truman State University; Connor Firth, Truman State University; Annie Schwend, Truman State University; Nate Aldrich, Truman State University (Dr. Karen Vittengl, Faculty Sponsor)

78 The depth of superficiality: an exploration of vanity and meaning in life
Anna Eggers, South Dakota State University; Derrick Siverson, South Dakota

State University; Denise Tanner, South Dakota State University; Erik Hastad, South Dakota State University (Pirita See, Faculty Sponsor)

79 Malleability of Mindsets and Prejudices towards Hispanics
Caitlin McLoughlin, Greenville University; Eric Watterson, Greenville University (Eric Watterson, Faculty Sponsor)

80 Socially prescribed perfectionism: Predicting anxiety, depression, and school maladjustment in undergraduates
Ashley Lehan, DePaul University (Kathryn Grant, Faculty Sponsor)

81 Measuring closeness in one's perceived relationship to God
Hailey Nold, Augustana University; Samson Mettler, Augustana University; Margaret Oberg, Augustana University; Paige Grace, Augustana University; Marlee Nicholson, Augustana University; Anna Olson, Augustana University; Christina Demissie, Augustana University; Kaitlin Masterson, Augustana University (Dr. Benjamin Jeppsen, Faculty Sponsor)

82 Mental health self-efficacy in one's perceived relationship to God
Kaitlin Masterson, Augustana University; Margaret Oberg, Augustana University; Paige Grace, Augustana University; Marlee Nicholson, Augustana University; Hailey Nold, Augustana University; Samson Mettler, Augustana University; Christina Demissie, Augustana University; Anna Olson, Augustana University (Dr. Benjamin Jeppsen, Faculty Sponsor)

83 Smartphones, Stupid Interactions? Phone Presence and Social Interaction
Michaela Vondrum, University of St.Thomas; Damola Ademola-Green, University of St.Thomas; Alexis Kunze, University of Saint Thomas; Lauren Bruce, University of St.Thomas

84 Cross-cultural differences in the effectiveness of happiness-inducing techniques
Kaveri Sarkar, Beloit College (Lawrence T. White, Faculty Sponsor)

85 Effects of Face Altering Applications
Veronica Moore, Rochester University (Dr. R. Siegel-Hinson, Faculty Sponsor)

Psi Chi Symposium I

8:30 Start Strong: MPA Conference Orientation
Jamie L. Bromley, Franklin College

Psi Chi Poster Session II

Thu 8:50AM - 9:35AM   Exhibit Hall

1 The effect of dog interaction on job performance and confidence in the workplace
Emily Price, Xavier University (Dr. Dalia Diab, Faculty Sponsor)

2 Reactions to selection processes involving diversity statements
Azusa Mokuta, University of Nebraska at Omaha; Yuika Suzuki, University of Nebraska at Omaha; Laura Brooks Dueland, University of Nebraska, Omaha (Dr. Carey Ryan, Faculty Sponsor)

3 Persuasion and the Refusal of Plastic Lids and Straws on a College Campus
Paige Rader, Simpson College (Sal Meyers, Faculty Sponsor)

4 Effects of managerial awareness of mental health diagnoses on perceived work performance and potential
Ashley Challes, University of Wisconsin-River Falls; Lucy Schetnan, University of Wisconsin-River Falls (Dr. Travis Tubré, Dr. Richard Seefeldt, Faculty Sponsor)

5 Empirical Assessment of Typical versus Maximal Responding in Behavior Description Interviews
Corrie Marshall, Bradley University; Rachael Metzger, Bradley University; Victoria Gioia, Bradley University; Evan Gagnon, Bradley University; Megan Bobrowski, Bradley University; Connor O'Brien, Bradley University (Allen Huffcutt, Faculty Sponsor)

6 The work/life balance of college students: A comparison study
Madilynn Woodham, University of Missouri-St. Louis (Kate Votaw, Faculty Sponsor)

7 Leadership Styles and Well-being
Daniel Gray, University of Missouri - Columbia; Alexis Wilkinson, University of Missouri Columbia; Jake Womick, University of Missouri-Columbia; Laura King, University of Missouri, Columbia (Laura A. King, Faculty Sponsor)

8 Faculty Implicit Bias and the Quality of the Student Veteran Experience on Campus
Taylor Adams, University of Cincinnati; Elle McGuire, University of Cincinnati (Stacie Furst-Holloway, Faculty Sponsor)

9 What's new? Adding novelty as a component of self-determination theory
Matthew Kersting, University of Wisconsin - Green Bay; Rosalyn Stoa, University of Wisconsin - Green Bay; Jasmine Quistorf, University of Wisconsin- Green Bay (Tsz Lun Chu, Jason Cowell, Faculty Sponsor)

10 The relationship between the dark triad and dysfunctional sport fans
Brooke Kordys, Murray State University (Dan Wann, Faculty Sponsor)

11 Interventions Affecting Climate Change Attitudes & Behaviors
Maren Youngquist, University of Wisconsin LaCrosse; Katherine Kortenkamp, University of Wisconsin - La Crosse; Sophie Pitney, University of Wisconsin - La Crosse (Katherine Kortenkamp, Faculty Sponsor)

12 Emotional labor and work outcomes
Grace Cox, Taylor University; Rebekah Carp, Taylor University (Laura McClelland Ph.D., Faculty Sponsor)

13 Personality & Campus Resource Utilization
Madeline Estergard Hensleigh, Gonzaga University (Adam Stivers, Faculty Sponsor)

14 How subtle- and overt-bias training affects perceptions of racial minorities and Whites
Mya Findley, Purdue University; Margo Monteith, Purdue University (Dr. Margo Monteith, Faculty Sponsor)

15 How does student perception of safety on campus affect anxiety levels and ability to recover

Sydney Newton, Manchester University; Bethany Pegg, Manchester University; Caitlin McGettrick, Manchester University; Alexis Jones, Manchester University (Kelsey-jo kessie, Marcie coulter-kern, Faculty Sponsor)

16 Fear of academic failure correlates with college students' procrastination tendencies
Malloree Siver, South Dakota State University; Megan Labat, South Dakota State University; Jennifer Palmer, South Dakota State University; Emily Boyle, South Dakota State University; Trevor Smith, South Dakota State University; Pirita See, South Dakota State University (Dr. Pirita See, Faculty Sponsor)

17 Interrelationships Among Cognitive Ability, Vocational Personality, and Job Performance
Ryan Raymond, Southern Illinois University Edwardsville (Elizabeth Meinz, PhD, Faculty Sponsor)

18 Access to medical leave significantly improves employees' likelihood of discussing mental health issues in the tech industry
Ruby Carlson, University of St Thomas; Lilly Hartnett, University of St. Thomas (Dr. Sergey Berg, Faculty Sponsor)

19 Workplace discrimination against the disabled and ageism
Michael Robinson, Southern Illinois University Edwardsville (Dr. Elora Voyles, Faculty Sponsor)

20 Big five personality and psychological interest
Thomas Phillips, Southern Illinois University Edwardsville (Dr. Elora Voyles, Faculty Sponsor)

21 Perceptions of therapists with tattoos
Thomas Phillips, Southern Illinois University Edwardsville (Dr. Laura Pawlow, Faculty Sponsor)

22 And Then What? The Effects of Allowing Response Probing in Behavior Description Interviews
Rosalyn Stoa, University of Wisconsin - Green Bay; McKenzie Diny, University of Wisconsin - Green Bay; Emily Doran, University of Wisconsin - Green Bay; Emily Fritsch, University of Wisconsin-Green Bay; Tara Polk,

University of Wisconsin-Green Bay; Lindsey Casper, University of Wisconsin-Green Bay; Kelsey Flaskrud, University of Wisconsin- Green Bay; Kassidy Murphy, UW-Green Bay; Kyle VandeVenter, University of Wisconsin - Green Bay; Laura Van Remortel, University of Wisconsin - Green Bay; Alexis Smith, University of Wisconsin - Green Bay; Farhiya Muhidin, Green Bay; Richard Kellogg, University of Wisconsin Green Bay (Dr. Allen Huffcutt, Faculty Sponsor)

23 Feeling the Pressure: Stress and intrinsic motivation in collegiate swimmers
Rosalyn Stoa, University of Wisconsin - Green Bay; Logan Johnsen, University of Wisconsin Green Bay (Jana Fogaca, Faculty Sponsor)

24 Self-serving bias affects personality test-taking due to Barnum effect
Elizabeth DeYoung, Cornerstone University; Sergio P. da Silva, Cornerstone University; Brittany Gibson, Cornerstone University (Sérgio P. da Silva, Faculty Sponsor)

25 The necessity of classroom trigger warnings: comparing a religious university to a large national sample
Jasmine Kim, Andrews University (Herbert W. Helm Jr., Karl G. D. Bailey, Faculty Sponsor)

26 The influence of emojis and punctuation on receptive attitudes
Annaliet Delgado-Rodriguez, Xavier University (Heather M. McCarren, Faculty Sponsor)

27 Student and faculty/staff relationships and their effects on students success and retention.
Dalton Bailey, Manchester University; Katie Johnson, Manchester University; Abby Giddens, Manchester University; Ricky Partanen, Manchester University (Dr. Marcie Coulter-Kern, Faculty Sponsor)

28 How do mandatory first-year residence halls affect the first-year experience
Kole Kelley, Manchester University; Taylor Grehl, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

29 Motivation for coming out as LGBTQ+
Sarah Wunder, University of Missouri; Kennon Sheldon, University of

Missouri, Columbia; Mike Corcoran, University of Missouri - Columbia (Ken Sheldon, Faculty Sponsor)

30 The Effect of PLTL Workshops on STEM Course Grades
Norma Chavez, Dominican University (Tina Taylor-Ritzler, Faculty Sponsor)

31 The effect of interactions with alumni stories on STEM students
Rebecca Porterfield-Winstead, Manchester University; Manuel Hernandez, Manchester University (Dr Marcie Coulter-Kern, Dr. Kristen Short, Faculty Sponsor)

32 Young adult perceptions of elderspeak with older adults.
Olivia Eblin, Xavier University (Heather H. McCarren, Ph.D., Faculty Sponsor)

33 Examining the effectiveness of an interactive board game to teach about gender bias
Hannah Lampkin, Missouri University of Science and Technology; Jessica Cundiff, Missouri University of Science and Technology; Leah Warner, Ramapo College of New Jersey; Reeve Harden, Ramapo College of New Jersey (Jessica Cundiff, Faculty Sponsor)

34 The role of emo-diversity in get-acquainted conversations
Erin Hannegan McKee, Truman State University; Samantha Carroll, Truman State University; Myranda Billington, Truman State University; Claire Miller, Truman State University; Laura Gurrieri, Truman State University; Lydia Helfrich, Truman State University (Dr. Jeffrey Vittengl, Faculty Sponsor)

35 Examining the interactions of negative peer experiences and parental support predicting depressive symptoms in rural youth
Caroline Page, Southern Illinois University Carbondale; Sarah Kertz, Southern Illinois University (Sarah Kertz, Faculty Sponsor)

36 The relationship between past trauma and coping strategy formation
Maggie Herms, University of Wisconsin-La Crosse; Lucas Marinack, University of Wisconsin-La Crosse (Ryan McKelley, Ph.D, Faculty Sponsor)

37 Learned Helplessness and Sex Differences
Jasmine Kavanaugh, Rochester University (Dr. Robyn Siegel-Hinson, Faculty Sponsor)

38 The effect of interactions with dogs on stress
Julia Campbell, Heidelberg University; Rachel Ensman, Heidelberg
University (Dr. Virginia R. Gregg, Faculty Sponsor)

38 Relations among internalizing stereotypes, outward parental affection, and depression in Asian Americans
Emily Luong, University of Notre Dame (Dr. Lira Yoon, Faculty Sponsor)

40 Childhood trauma is directly related to the ability of young adults to relax
Sergio P. da Silva, Cornerstone University; Justin Numerick, Cornerstone
University; Nicole Walters, Cornerstone University (Sérgio P. da Silva,
Faculty Sponsor)

41 Sexual orientation, mental health and suicidality
Trevor Furst, Andrews University (Duane McBride, Curtis VanderWaal,
Alina Baltazar, Faculty Sponsor)

42 Childhood Physical Abuse, Binge Drinking, and Sexual Minority Status
Reem Almukdad, Cleveland State University; Evan Basting, Cleveland State
University; Elizabeth Goncy, Cleveland State University (Elizabeth Goncy
Ph.D., Faculty Sponsor)

43 Fatherly Warmth Predicts Subclinical Personality Disorders
Sydney DeWees, Western Illinois University; Aaron Steele, Western Illinois
University (Kristine Kelly, Faculty Sponsor)

44 Physical Punishment: Child Abuse or Discipline? A Cross-Cultural Study
Dana Awlia, Ashland University (Diane Bonfiglio, Faculty Sponsor)

45 Acculturation, ethnic identity, and gender in Mexican families: A closer look at immigration and identity
Lauren Tan, Loyola University Chicago; Yvita Bustos, Loyola University
Chicago (Dr. Catherine DeCarlo Santiago, Faculty Sponsor)

46 The Relationship between Youth Major Loss and Self Esteem
Jessica Rice, DePaul University; Megana Nair, DePaul University; Molly

Cory, DePaul University; Kathryn Grant, DePaul University (Dr. Kathryn Grant, Faculty Sponsor)

47 A comparison of two meditation apps on anxiety and depression in adults
Madison Di Silvio, Concordia University Chicago (Beth Venzke, Faculty Sponsor)

48 Disclosure effect on ptsd and trauma-related disorders
Andrew Thrower, Southeast Missouri State University (Eu Gene Chin, Faculty Sponsor)

49 The Effects of Adverse Childhood Experiences on Depression and Suicidal Ideation in College and University Students
Bailey Jorgensen, Southwest Minnesota State University (Dr. Scott Peterson, Faculty Sponsor)

50 The role of parental stress in the association of neighborhood disadvantage and childhood ADHD
Zach Gestrich, University of Wisconsin-Madison (Dr. James Li, Faculty Sponsor)

51 Narrative Identity in Relation to Non-Suicidal Self-Injury
Caitlyn Allen, Monmouth College (Dr. Tara McCoy, Faculty Sponsor)

52 The Impact Clothing has on Emotions and Self-Confidence
Lauren Berquist, Maryville University, St. Louis (Dr. Green, Faculty Sponsor)

53 A Comparison of Personality Dysfunction Profiles based on Pathological Traits
Karina Malkovsky, University of Notre Dame (Lee Anna Clark, Faculty Sponsor)

54 The influence of digital social support on psychopathology outcomes
Sakura Ito, Purdue University; Samantha Ingram, Purdue University (Susan C. South, Faculty Sponsor)

55 Interrelationships between socioeconomic status, current substance use frequency, and age of first exposure—does the age of first exposure

mediate the relationship between SES and last 12-month substance use?
Savannah Adkins, Buena Vista University; Steven Beckwith, Buena Vista University (Steven Wesley Beckwith, Faculty Sponsor)

56 Driving after Cannabis Use: Methods of Use and Gender Differences
Sarah Elder, Western Kentucky University; Shelby King, Western Kentucky University; Sterling Hubbard, Western Kentucky University (Jenni Teeters, Faculty Sponsor)

57 Knowledge and Perceptions of Pharmacotherapies for Substance Use Disorders
Eric McBride, Western Kentucky University; Sarah Elder, Western Kentucky University; Shelby King, Western Kentucky University; Sterling Hubbard, Western Kentucky University (Jenni Teeters, Faculty Sponsor)

58 Digital Representations of Dissociative Identity Disorder
Michelle Andrade, University of St. Francis (Dr. Melinda Hammond, Faculty Sponsor)

59 Personality profiles of women in relationships involving men with ASPD, BPD, and NPD
Katherine Lucas, Purdue University; Susan South, Purdue University; Doug Samuel, Purdue University (Susan South, Doug Samuel, Faculty Sponsor)

60 The relationship between trauma and alcohol use and alcohol-related consequences: Stress as a possible moderator
Sadie Goralski, Murray State University; Tracey Garcia, Murray State University (Dr. Tracey Garcia McCue, Faculty Sponsor)

61 Do Coping Motives Predict Emotion Regulation Deficits Among Opioid Users?
Joseph Lancaster, Cleveland State University; Ilya Yaroslavsky, Cleveland State University (Ilya Yaroslavsky, Faculty Sponsor)

62 The interaction of Social Anxiety and Ostracism on Binge Drinking Behaviors in Undergraduates
Joseph Pitock, Bradley University; Adrienne Rozmus, Bradley University; Melody Gentle, Bradley University; Giovanna Zacarias, Bradley University; Cameron Schumacher, Bradley University (Amy Bacon, Faculty Sponsor)

63 Differences in Approaches to Feeding Children as a Function of Parent Marital Status
Claire Piehowski, University of Wisconsin- Milwaukee; Paulina Lim, University of Wisconsin-Milwaukee; W. Hobart Davies, University of Wisconsin-Milwaukee; Kristoffer Berlin, The University of Memphis; Alan Silverman, Medical College of Wisconsin; Kathryn Balistreri, University of Wisconsin-Milwaukee (Paulina Lim, W Hobart Davies, Faculty Sponsor)

64 The impact of "Applying to Graduate School" curriculum on students' postgraduate application self-efficacy
Meaghan Rowe-Johnson, Aurora University; Aliaa Eldabli, Aurora University; Kerstin Rewerts, Aurora University; Emily Dyba, Aurora University (Aurora University, Faculty Sponsor)

65 Protective factors and their effect on attachment in children
Kaia Schott, University of Missouri- Kansas City; Erin Hambrick, University of Missouri- Kansas City (Dr. Erin Hambrick, Faculty Sponsor)

66 Does Stress Moderate the Relationship Between Borderline Features and Social Cognition?
Ashmita Ghosh, University of South Dakota; Emily Larson, University of South Dakota; Rhiannon Kusler, University of South Dakota (Sara Lowmaster, Ph.D., Faculty Sponsor)

67 All Tuckered Out with Anxiety: The Moderating Effects of Race, Socioeconomic Status, and Perceived Racial Discrimination
Camille Petrich, University of Northern Iowa; Dilbur Arsiwalla, University of Northern Iowa (Dr. Dilbur Arsiwalla, Faculty Sponsor)

68 The effect of intimate partner violence on emotional reactivity to idiographic stimuli
Lehar Chellani, Purdue University; Samantha Ingram, Purdue University; Dan Foti, Purdue University; Susan South, Purdue University (Susan South, Faculty Sponsor)

69 The effect of youth-adult relationships on the mentor-mentee dyad and academic coping behavior.
John Valmonte, DePaul University; Audrey Jewett, DePaul University; Molly Cory, DePaul University; Kathryn Grant, DePaul University (Dr. Kathryn Grant, Faculty Sponsor)

70 Dark Triad trait insight: Exploring self and informant perceptions by gender
Nicole Shumaker, University of Notre Dame (Dr. David Watson, Claire Scott-Bacon, Faculty Sponsor)

71 Social Cooperation in Schizophrenia
Lola Wazir Mohammad, University of Toronto (Michael Best, Faculty Sponsor)

72 Primed knowledge on ADHD symptoms increase number of reported ADHD symptoms
Sydnee Barrins, Illinois State University (Suejung Han, Faculty Sponsor)

73 Parental Support, Culturally-Relevant Coping, & Suicidal Ideation in African-American Boys
Pimaa Mintah, Loyola University-Chicago (Kaleigh Wilkins, Noni Gaylord-Harden, Faculty Sponsor)

74 Narcissism and Empathy: Differences in concern for others and helping behaviors
Miette Daluga, Illinois State University (Dr. Suejun Han, Faculty Sponsor)

75 Exposure to Violent Stress and Perception of Control as it Relates to Academic Stress and Success
Audrey Jewett, DePaul University; Samantha Schwartz, DePaul University; John Valmonte, DePaul University; Gina Puig, DePaul University; Sabrina Salvador, DePaul University (Dr. Kathryn Grant, Faculty Sponsor)

76 Understanding LGBT+ Students Perceptions of Mentoring
Vincent Sarna, Loyola University Chicago; Maryse Richards, Loyola University Chicago; Cara DiClemente, Loyola University Chicago; Michael Dentato, Loyola University Chicago (Dr. Maryse Richards, Dr. Michael Dentato, Faculty Sponsor)

77 Discrepancies in Parent and Youth Behavioral Symptom Reporting Across Community and Juvenile Justice Samples
Colette Delawalla, Indiana University-Purdue University Indianapolis; Melissa Cyders, IUPUI (Melissa A. Cyders, Faculty Sponsor)

78 Intoxication at the time of traumatic brain injury and executive functioning
Grace Amadon, University of Nebraska Lincoln; Mackenzie Cissne, University of Nebraska - Lincoln; Jeremy Feiger, University of Nebraska - Lincoln; Jeff Snell, Quality Living, Inc. (Kathy Chiou, Faculty Sponsor)

79 The association between mental health, adverse childhood experiences, and Drunkorexia behaviors
Taylor Gates, University of Cincinnati; Cathy Stough, University of Cincinnati (Dr. Cathy Stough, Faculty Sponsor)

80 Prevalence of Students Receiving Disability Accommodations Across Postsecondary Institutions
Cassidy Audette, Denison University (Dr. Robert Weis, Faculty Sponsor)

81 Predictors of stigmatization of individuals with mental illness
Hillary Aguilar-Ruano, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

82 The influence of current and past victimization and sexual harassment on college students
Miracle Hermann, University of Wisconsin-Parkside; Brieanna Muzzy, University of Wisconsin-Parkside (Dr. Meredith McGinley, Faculty Sponsor)

83 Express Yourself: A Study on Expressive Writing Treatment and Trait Anxiety
Emerald Norman, Andrews University; Rachelle Pichot, Andrews University (Harvey Burnett, Karl G. D. Bailey, Faculty Sponsor)

84 Traditional and Cyber-aggression: Associations with Personality Traits and Technological Ability
Caitlyn O'Conner, Iowa State University; Nicole Hayes, Iowa State University (Monica A Marsee, Faculty Sponsor)

85 Contamination, Sympathetic Magic, and Psychopathology
Ana Bogdanovich, Hillsdale College (Dr. Kari McArthur, Dr. Benjamin Winegard, Faculty Sponsor)

86 Antisocial traits and emotionally negative photographs
Victoria Martinkovic, Franklin College (Ryan Rush, Faculty Sponsor)

Thu 9:30AM - 10:50AM   Salon 02

9:30 Applying to Doctoral Programs in Psychology: Application Workshop and Keys to Success
Anni Subar, University of Denver; Eliza Kramer, University of Denver; Kevin Summers, University of Denver; Gina Paganini, University of Denver

Psi Chi Poster Session III

Thu 9:40AM - 10:25AM   Exhibit Hall

1 Loneliness and negative affective conditions among African American college students: Are optimism and pessimism mediators?
Ariel Huang, University of Michigan, Ann Arbor; Brianna McManamon, University of Michigan, Ann Arbor; Rachel Eisner, University of Michigan, Ann Arbor; Devin Ablow, University of Michigan; Aprill N. Park, University of Michigan, Ann Arbor; Adi Kah, University of Michigan, Ann Arbor; Michelle Lin, University of Michigan, Ann Arbor; Takahiro Ouchi, University of Michigan; Paige K. Demers, University of Michigan, Ann Arbor; Nithya M. Rao, University of Michigan, Ann Arbor; Madeleine R. Vieth, University of Michigan, Ann Arbor; Claire Novak, University of Michigan; Edward Chang, University of Michigan (Edward C. Chang, Faculty Sponsor)

2 Social Anxiety in the Get-Acquainted Process among College Students
Myranda Billington, Truman State University; Samantha Carroll, Truman State University; Laura Gurrieri, Truman State University; Erin Hannegan McKee, Truman State University; Lydia Helfrich, Truman State University; Claire Miller, Truman State University (Dr. Jeffrey Vittengl, Faculty Sponsor)

3 Comparing neuropsychological skills of individual versus team athletes
Gabriella Weybright, University of Illinois Springfield; Madison Hollinshead, University of Illinois Springfield; Stuart Atkinson, University of Illinois Springfield (Sheryl Reminger, Carrie Switzer, Faculty Sponsor)

4 The effect of emotion regulation on cardiovascular reactivity and heart rate variability during interpersonal communication
Brittney Hayes, University of Utah (Dr. Timothy Smith, Faculty Sponsor)

5 The effect of authoritative school climate on emotion regulation and social competence in adolescents
Grace Fitzgibbons, Loyola University of Chicago; Maryse Richards, Loyola University Chicago; Cara DiClemente, Loyola University Chicago (Dr. Maryse Richards, Cara DiClemente, Faculty Sponsor)

6 The fear of developing Alzheimer's disease among community dwelling older adults
Kaitlin Garvey, Minnesota State University, Mankato; Maddison Hajek, Minnesota State University, Mankato (Jeffrey Buchanan, Ph.D., Faculty Sponsor)

7 Parenting style as a possible predictor of young adult alcohol, vapor, and illicit drug use
Halle Letizio, Cleveland State University (Elizabeth Goncy, Faculty Sponsor)

8 Behavioral vs. affective warning signs of depression: Differences in perceptions
Mitchell Hollingshead, Central College (Randall A. Renstrom, Faculty Sponsor)

9 How do rumination and distraction influence emotion and willingness to experience pain? - PSI CHI AWARD WINNER
Aidan Collins, St. Norbert College; Alma Spitz, St. Norbert College (Dr. Michelle Schoenleber, Faculty Sponsor)
Ruminating can increase negative emotion, thus promoting engagement in other emotion regulation strategies that may be worse, such as self-harm. We aimed to examine whether rumination (vs. distraction) increased participants' willingness to experience physical pain, and whether the experience of pain contributed to real-time reductions in negative emotion.

10 Impact of Acculturation Gap Stress on Latino Adolescents
Maria Afanador, Loyola University Chicago (Dr. Catherine DeCarlo-Santiago, Faculty Sponsor)

11 Flexible and conditional administration of the MMPI-2-RF among neuropsychological evaluations

Emily Barni, John Carroll University (Dr. Anthony Tarescavage, Faculty Sponsor)

12 Performance Anxiety among Collegiate Athletes and Musicians: The Role of Gender

Sydney Salton, Wartburg College (Dr. Shaheen Munir, Faculty Sponsor)

13 Cross-Cultural Examination of Disordered Eating Patterns in Scottish and American College Students: Student's and Mental Health Professional's Perspectives

Maria Kalantzis, North Central College (Dr. Leila Azarbad, Faculty Sponsor)

14 Pain tolerance and fearlessness about death as predicting factors of eating disorder symptoms

Kristina Miljkovic, Miami University; Margaret M. Glass, Miami University; Shelby Ortiz, Miami University (April Smith, Faculty Sponsor)

15 Moderational effects of religion on well-being for parents of children with developmental disabilities

Brianna Campbell, University of Illinois Springfield; Karen Contreras, University of Illinois Springfield; Frances Shen, University of Illinois Springfield (Frances Shen, Faculty Sponsor)

16 The Effect of Psychological Flexibility on the Relationship between Smartphone Addiction and Social Connectedness

Amanda Rakestraw, Murray State University; Michael Bordieri, Murray State University (Dr. Michael Bordieri, Faculty Sponsor)

17 Experimental intervention to increase coping self-efficacy

Vivian Cirilano, Denison University; Galen May, Denison University; Angelica Jang, Denison University (Robert Weis, Faculty Sponsor)

18 Campus Involvement, GPA, and psychological distress: Perceived college adjustment and social support as mediators

Elizabeth Marsh, Illinois State University (Dr. Suejung Han, Faculty Sponsor)

19 Child inhibition, error-related negativity, and kindergarten adjustment: a meditation model
Madison Hannapel, Miami University; Sydney Risley, Miami University of Ohio; Elizabeth Kiel, Miami University (Elizabeth Kiel, Faculty Sponsor)

21 The association between perceived social support and PTSD in survivors of sexual assault: Examining multiple social domains
Autumn Zwakenberg, Western Kentucky University; Kelsey Woodward, Western Kentucky University; Annalee Ellis, Western Kentucky University; Sarah Cotney, Western Kentucky University (Matthew Woodward, Faculty Sponsor)

22 Daily-life negative affect in emotional distress disorders associated with altered medial prefrontal cortex activation
Oriana Myers, University of Missouri; Jessica Hua, University of Missouri-Columbia; Anne Merrill, University of Missouri- Columbia; Kelsey Straub, University of Missouri- Columbia; Timothy Trull, University of Missouri-Columbia; John Kerns, University of Missouri- Columbia (John Kerns, Faculty Sponsor)

23 The Impact of Alcohol Use and Other Social Determinants of Health During Pregnancy on Metabolite Content in the Human Fetal Brain
Brendan Coyle, Wayne State University; Jasmine Hect, University of Pittsburgh; Imran Sheikh, Wayne State University; Toni Lewis, Wayne State University; Pavan Jella, Department of Radiology, Perinatology Research Branch NICHD-NIH-DHHS; Moriah Thomason, New York University (Christopher Trentacosta, Moriah Thomason, Faculty Sponsor)

24 Positive affect mediates the association between fixed vs. malleable mindsets of mental health and prognostic pessimism
Samantha Wick, The Ohio State University; Kristen P. Howard, The Ohio State University (Dr. Jennifer Cheavens, Faculty Sponsor)

25 From the lab to the I-pad: Using a novel smart-device application of the Morris water task to measure the influence of self-reported depressive symptoms on spatial ability in college students.
Thomas Koza, Lewis University; Philip Blankenship, Lewis University (Dr. Phil Blankenship, Faculty Sponsor)

26 Academic self-efficacy, learned helplessness, and GPA among White and racially minoritized students
Mary Wallace, Illinois State University; Suejung Han, Illinois State University (Suejung Han, Faculty Sponsor)

27 Cortical Volumes Predict Treatment Outcomes to Propranolol in Autism
Amanda Nieters, University of Missouri; Cory Riecken, University of Missouri; Brad Ferguson, University of Missouri Thompson Center for Autism & Neurodevelopmental Disorders; David Beversdorf, University of Missouri - Columbia (Cory Riecken, Brad Ferguson, David Beversdorf, Faculty Sponsor)

28 Examining mindfulness as a mediator for the relation between exercise and perceived stress and anxiety in college students
Victoria Sardella, Loyola University Chicago; Brynn Huguenel, Loyola University Chicago; Colleen S. Conley, Loyola University Chicago (Brynn Huguenel, Colleen Conley, Faculty Sponsor)

29 Basal Ganglia Morphometry in Individuals with Early-Treated Phenylketonuria (PKU)
Mikayla (Mickey) Ursery, University of Missouri- Columbia (Dr. Shawn E. Christ, Faculty Sponsor)

30 Predicting Mood Disorder Severity: Relationships between depression, anxiety, impulsivity and locus of control.
Kathryn Wixom, Buena Vista University; Savannah Adkins, Buena Vista University; Shunichi Sawamura, Buena Vista University; Alondra Ramirez Zavala, Buena Vista University; Steven Beckwith, Buena Vista University; Patrice Arkfeld, Buena Vista University (Patrice Arkfeld, S. Wesley Beckwith, Faculty Sponsor)

31 Predictors of Informant Discrepancies on Observer, Therapist, Youth, and Caregiver Ratings of Treatment Adherence
Kiwon Song, University of Missouri- Columbia (evelyn cho, kristen hawley, Faculty Sponsor)

32 An examination of mental health outcomes in a likely food insecure sample of low-income black pregnant women
Emily France, Kent State University; Keaton Somerville, Kent State

University; Angela Neal-Barnett, Kent State University (Dr. Angela Neal-Barnett, Faculty Sponsor)

33 Adult psychological dysfunction and African-American adolescents' internalizing and externalizing symptoms
Kiarra Pittman, Loyola University Chicago; Elizabeth Sargent, Loyola University Chicago; Noni K. Gaylord-Harden, Loyola University Chicago (Noni Gaylord-Harden, Faculty Sponsor)

34 Practitioner or parasite? Observation of Human-Animal Interaction Informs Therapy-Animal Welfare.
Javiann Lewis, Bemidji State University; Alyssa Pajari, Bemidji State University (Dr. Angela K Fournier, Faculty Sponsor)

35 Exploring Trauma Pathways to Homelessness in Transition-Aged Youth: A Preliminary Qualitative Analysis
Janaei Phillips, Rush University Medical Center; Dominika Winiarski, Rush University Medical Center; Angela Glover, Rush University Medical Center; Sarah Van Valkenburg, University of Illinois at Chicago; Adrian Melendez, Rush University Medical Center/ University of Chicago; Niranjan Karnik, Rush University Medical Center (Niranjan Karnik, Dominika Winiarski, Faculty Sponsor)

36 Service provider identities and the associated comfort level of sexual and gender minority clients
Thomas Schlechter, Case Western Reserve University (Dr. Amy Przeworski, Faculty Sponsor)

37 Social media site use and personality dysfunction
Keefe Maccarone, John Carroll University (Dr. Anthony Tarescavage, Faculty Sponsor)

38 Prediction of Asians' coping styles by internalization of the Model Minority Stereotype, perfectionism, and levels of depression, anxiety and stress
Callie Wang, Case Western Reserve University (Amy Przeworski, Faculty Sponsor)

39 Effects of information and knowledge on identification of obsessive and compulsive behaviors in the classroom
Michelle Lindhart, Central College (Dr. Peggy Fitch, Faculty Sponsor)

40 Moderating effect of age on the relationship between time since injury and cognitive dispersion in individuals with traumatic brain injury
Teagan Mieth, University of Nebraska-Lincoln; Emily Overend, University of Nebraska-Lincoln; Mackenzie Cissne, University of Nebraska - Lincoln; Jeremy Feiger, University of Nebraska - Lincoln (Kathy Chiou, Jeffry Snell, Faculty Sponsor)

41 Using daily diary methods to evaluate the effect of emotion regulation interventions on affect, rumination, and forgiveness
Lauren Thorne, Hope College; Bradley Dixon, Hope College (Lindsey Root Luna, Faculty Sponsor)

42 Predicting Suicide Risk: Relationships between Lethality Risk Assessments and Mental Health Risk Factors.
Jessica Rodriguez, Buena Vista University; Lauren Slings, Buena Vista University; Katherine Venegas, Buena Vista University; Alondra Melendez, Buena Vista University; Steven Beckwith, Buena Vista University; Patrice Arkfeld, Buena Vista University (Patrice Arkfeld, S. Wesley Beckwith, Faculty Sponsor)

43 Gender and the perception of trauma
DeMira Reyes, Maryville University (Dustin Nadler, Faculty Sponsor)

44 Religiosity, National Circumstances, and Well-Being in a Strict Religion
David Sherman, Andrews University (Karl G. D. Bailey, Faculty Sponsor)

45 The mediating role of dialectical self-beliefs in the relation between relational mobility and well-being
Sophia Rotterman, Iowa State University; Minjoo Joo, Iowa State University; Susan Cross, Iowa State University (Susan Cross, Faculty Sponsor)

46 The manifestation of meaning: how military personnel write about their experiences
Joseph Jackowski, University of Michigan (Susan Gelman, Faculty Sponsor)

47 Disgust and Vaccine Attitudes
Sophia Todorov, Loyola University Chicago; Akila Raoul, Loyola University Chicago; Jeffrey Huntsinger, Loyola University Chicago (Dr. Jeffrey Huntsinger, Faculty Sponsor)

48 The role of personality and emotional regulation strategies on music elicited emotions
Madeline Kapinos, St. Cloud State University (Dr. Buswell, Faculty Sponsor)

49 Understanding How Framing Racial Inequality Affects Racial Attitudes: A Replication
Emily Sanabria, Dominican University; Adilene Osnaya, Northwestern University; Sirenia Sanchez, Northwestern University; Juana Iris Borrego Solis, Dominican University; Tina Taylor-Ritzler, Dominican University; Jason Pych, Concordia University Chicago; Or'Shaundra Benson, College of DuPage (Dr. Tina Taylor-Ritzler, Faculty Sponsor)

50 Hiring Bias in Truck Drivers
Amanda Orf, Maryville University; SukYi Scott, Maryville University of St. Louis; Rachel Mace, Maryville University (Dr. Dustin Nadler, Faculty Sponsor)

51 Differences in Motivation and Academic Success Between International, Domestic, Non-Traditional, and Traditional Students
Rachel Mace, Maryville University; SukYi Scott, Maryville University of St. Louis; Amanda Orf, Maryville University (Dr. Dustin Nadler, Faculty Sponsor)

52 Value-violation and the influence of binding moralities and personality
Kaitlyn Harndon, Francis Marion University; Megan Haggard, Francis Marion University (Megan Haggard, Faculty Sponsor)

53 A cultural mismatch for students of color in higher education: Consequences for belonging and well-being
Nazia Khan, Elmhurst College; Jennifer Deren, Elmhurst College (Elizabeth A. Majka, Faculty Sponsor)

54 Social Identity and the Complementarity Effect
Leo Swanson, Elmhurst College; Jessica Sim, Elmhurst College (Jessica Sim, Faculty Sponsor)

55 Relationship status and satisfaction: Predictors of self-concept clarity and well-being
Jennifer Deren, Elmhurst College; Nazia Khan, Elmhurst College (Elizabeth A. Majka, Faculty Sponsor)

56 The Effect of Self-Construal on Dispute Resolution Method Preference
Jared Noetzel, University of Nebraska-Lincoln; Abigail Herzfeld, University of Nebraska-Lincoln; Ashley Votruba, University of Nebraska-Lincoln (Ashley Votruba, Faculty Sponsor)

57 Alcohol and personality: How person-thing orientation relates to drinking
Andrew Bradburn, Purdue University; Regina Henares, Purdue University; William G. Graziano, Purdue University (William G. Graziano, Faculty Sponsor)

58 Alzheimer's Caregiving, Memory, and Meaning in Life
Anna Blue, University of Missouri Columbia; Hope Rose, University of Missouri; Christopher Sanders, University of Missouri, Columbia; Laura King, University of Missouri, Columbia (Laura A. King, Faculty Sponsor)

59 Depression severity as a moderator for the effectiveness of mindfulness meditation on decreasing somatic symptoms.
Saba Shalwani, Loyola University Chicago; Carol Hundert, Loyola University Chicago (Dr. Colleen Conley, Faculty Sponsor)

60 Humble Success: Does collective intellectual humility lead to more effective group work?
Sean Porath, Hope College (Dr. Benjamin Meagher, Faculty Sponsor)

61 Sexually Explicit Music and Perceptions of Strangers
Grace Bradley, University of Michigan- Dearborn; Pam McAuslan, University of Michigan - Dearborn; Arlo Clark-Foos, University of Michigan, Dearborn (Dr. Pamela McAuslan, Dr. Arlo Clark-Foos, Faculty Sponsor)

62 Do violent video games stimulate aggressive tendencies?
Megan Hamilton, Lindenwood University (Dr. Michiko Nohara-LeClair, Faculty Sponsor)

63 The Harry Potter Effect: Defeating Prejudice
Dielle Ochotorena, Benedictine University; Sara Kanter, Benedictine University; Vanessa Graham, Benedictine University (Dr. James Davis, Faculty Sponsor)

64 Listening to Music When Sad: The Role of Appropriateness and Consolation
Melissa Ward, Simpson College (Sal Meyers, Faculty Sponsor)

65 SES and healthcare barriers
Lobsang Palmo, Earlham College (Beth Mechlin, Faculty Sponsor)

66 Dating Apps: Quick Sex on the Maps
Hannah Hays, Murray State University; Sean Rife, Murray State University (Dr. Sean Rife, Faculty Sponsor)

67 The Effects of Social Media on Academic Aptitude
Simon Walsh, DePaul University; Jessica Rice, DePaul University; Chantelle Miller, DePaul University; Kathryn Grant, DePaul University (Dr. Kathryn Grant, Faculty Sponsor)

68 Social perceptions in hiring ex-offenders
Shana Pierson, Indiana University Purdue University Columbus; Elizabeth daSilva, Indiana University- Purdue University Columbus; Joan R. Poulsen, Indiana Purdue University at Columbus (Dr. Elizabeth B. daSilva, Dr. Joan R. Poulsen, Faculty Sponsor)

69 The challenge of being a commuter student: A qualitative approach
Kathleen Saverino, Elmhurst College; Julia Jamka, Elmhurst College; Joshua Nichols, Elmhurst College (Elizabeth A. Majka, Faculty Sponsor)

70 Cognitive Dissonance in Major Declaration
Jessica Beckmann, Governors State University; Rachel Beckmann, Governors State University; Alli Cipra, Governors State University (Dr. Alli Cipra, Faculty Sponsor)

71 Assessing the Impact of Advertising on Women
Nataliya Turchmanovych, Loyola University Chicago; Amy Heard Egbert, Loyola University Chicago; Rebecca Silton, Loyola University Chicago; Robert Morrison, Loyola University Chicago; Amy Bohnert, Loyola University Chicago (Amy Bohnert, Faculty Sponsor)

72 Personality and social media use patterns
Katherine Link, Murray State University; Sean Rife, Murray State University (Sean Rife, Faculty Sponsor)

73 The Effects of Sexual Orientation and Gender on: Verdicts, Guilt, and Sentencing of Defendants
Rebekah Rayman, Maryville University (Dr. Dustin Nadler, Faculty Sponsor)

74 Relationship between study methods, motivation, goals, and grade point average
Olivia Renaud, Maryville University (Dustin Nadler, Faculty Sponsor)

75 Using Social Comparison to Explain Choice of Friends
Ryan Newpower, University of Wisconsin-River Falls (Dr. Richard Seefeldt, Faculty Sponsor)

76 Exposure to altered images of self and it's effect on body image
Shannon Nessinger, The University of Wisconsin Green Bay (Kathleen Burns, Faculty Sponsor)

77 Talking the talking but skipping the walk: Reports from under-represented students support recent findings on why young adults fail to engage in "affirmative" consent practices
Cornelius Ingram, Northern Illinois University; Taylor Civilus, Northern Illinois University; Maeve Wallace, Northern Illinois University; Kelly Vidovic, Northern Illinois University; Kelsie Moosman, Northern Illinois University; Bettie Mattison-Farris, Northern Illinois University; Andrew Elder, Northern Illinois University; Breanna Bullock, Northern Illinois University; Paul Blackmon, Northern Illinois University; Kristen Myers, East Carolina University (Patricia Wallace, Faculty Sponsor)

78 Effectiveness of awareness campaigns
Britney Katzenstein, Morningside College (Shannon De Clute, Faculty Sponsor)

79 Perceptions of Professionalism in relation to Different Types of Body Modification
Lucie Ecker, Fontbonne University (Dr. Jason Finley, Faculty Sponsor)

80 Narcissism, Meaning in Life, and Subjective Well-Being
Brenda Atherton, University of Missouri-Columbia; Jake Womick, University of Missouri-Columbia; Laura King, University of Missouri, Columbia (Laura A. King, Faculty Sponsor)

81 The effects of susceptibility of influence and college year on perceptions of college hookup culture
Stephanie Goyette, Saint Mary's College (Bettina Spencer, Faculty Sponsor)

82 Does Instagram Lead to Negative Interpersonal Outcomes?
Hailey Scherer, Radford University; Nicole Iannone, Radford University (Dr. Nicole Iannone, Faculty Sponsor)

83 Black superheroes don't wear capes or respect women: Black masculinity in Blaxploitation films.
Amber West`, University of Wisconsin- La Crosse (Dr. Ryan McKelly, Faculty Sponsor)

84 Trust thy neighbor? Examining trust in religious outgroups
Hannah Bugg, Hope College; Victoria Gardner, Hope College (Dr. Lindsey Root Luna, Faculty Sponsor)

85 Self-Handicapping in the Context of Relationships
Alex Coulter, Indiana University Bloomington; Edward Hirt, Indiana University-Bloomington; Janelle Sherman, Indiana University (Ed Hirt, Janelle Sherman, Faculty Sponsor)

Psi Chi Poster Session IV

Thu 10:30AM - 11:15AM   Exhibit Hall

1 Does stage of exercise behavior predict college students' perceptions of framed persuasive messages about exercise?
Steven Neville, Kent State University (Dr. Jennifer Taber, Faculty Sponsor)

2 Personal factors that affect academic performance in first-semester collegiate student-athletes
Jack Givens, University of Saint Francis; Nate Conder, University of Saint Francis; Devin Harpel, University of Saint Francis (Dr. Monica L. Heller, Dr. Mike Martynowicz, Faculty Sponsor)

3 Smoking e-cigarettes: Behaviors and habits amongst college students
Kali Meixner, University of Wisconisn-River Falls; Savannah Caturia, UW-River Falls (Melanie Ayres, Faculty Sponsor)

4 Effects of political framing on attitudes toward vaccines
Sydney Williams, Central College (Randall A. Renstrom, Faculty Sponsor)

5 Anxiety and ethical behavior
Madison Schony, University of Wisconsin - Platteville (Kameko Halfmann, Faculty Sponsor)

6 Examining the relationship between group and solitary exercise on depression
Alexis De Matteis, John Carroll University (Denise Ben-Porath, Faculty Sponsor)

7 Vaping attitudes, behaviors, and correlates in college students
Taylar Counts, Southern Illinois University Edwardsville; Megan Devore, Southern Illinois University Edwardsville; Lauren Ferris, Southern Illinois University Edwardsville; Camiryn Irving, Southern Illinois University Edwardsville; Garrett Milligan, Southern Illinois University Edwardsville; Anna Zavertnik, Southern Illinois University Edwardsville (Laura Pawlow, Faculty Sponsor)

8 Public perceptions about dementia risk and prevention in Minnesota
Smita Khobragade, St. Cloud State University; Amanda Hemmesch, St. Cloud State University (Amanda Hemmesch, Jim Cottrill, Ann Finan, Sandrine Zerbib, Faculty Sponsor)

9 Self-satisfaction and depression can predict eating disorder symptoms in college student-athletes
Elena Hurley, University of Wisconsin - Green Bay; Jasmine Quistorf, University of Wisconsin- Green Bay; Janaina Lima Fogaca, University of Wisconsin - Green Bay (Janaina Lima Fogaca, Faculty Sponsor)

10 Cardiovascular Reactivity in Runners
Robert Steger, University of Wisconsin–Milwaukee; Hanna Johnson, University of Wisconsin–Milwaukee; Raymond Fleming, University of Wisconsin-Milwaukee (Raymond Fleming, Faculty Sponsor)

11 Impact of sexual education on STI prevalence in gender minorities
Kelly Solano, Cleveland State Univerisity; Jennifer Ishaq, Cleveland State University; THRiVE Collaborative, Cleveland State University (Elizabeth Goncy, Faculty Sponsor)

12 Disability, religiousness, & spirituality
Kimberly Paquette, Hope College (Alyssa Cheadle, Faculty Sponsor)

13 The effects of injury on the self-confidence of athletes
Dharia Everett, Rochester College (Dr. Robyn Siegel-Hinson, Faculty Sponsor)

14 Sticking with it: Adherence to a Home-Based Exercise Program
Matthew Waller, University of Wisconsin-La Crosse (Alex O'Brien, Faculty Sponsor)

15 Religious residue effect in health behaviors of adults
Amy Osterbaan, Hope College; Lilly Hemesath, Hope College (Alyssa Cheadle, Daryl Van Tongeren, Faculty Sponsor)

16 The effects of ostracism and pain beliefs on mood and pain tolerance
Elizabeth Brush, Columbia College (Gretchen Hendrickson, Faculty Sponsor)

17 Associations between sleep chronotype and sleep health in college freshmen
Jocelyn Jarvis, University of Wisconsin-Milwaukee; Amy Lang, University of Wisconsin, Milwaukee; Nina Linneman, University of Wisconsin--Milwaukee (W. Hobart Davies, Faculty Sponsor)

18 Suggestions for improving healthcare for transgender and gender diverse populations
Cyn Brown, Michigan State University; Rowan Giffel, Michigan State University; Maryam Razzaq, Michigan State University; Jae Puckett, Michigan State University (Jae Puckett, Faculty Sponsor)

19 Religious residue effect in health behaviors and outcomes of young adults
Lilly Hemesath, Hope College; Amy Osterbaan, Hope College (Alyssa Cheadle, Daryl Van Tongeren, Faculty Sponsor)

20 Religious engagement and purpose in older adulthood
Isabelle Martin, Lindenwood University; Gabrielle Pfund, Washington University in St. Louis; Patrick Cruitt, Washington University in St. Louis (Dr. Patrick Hill, Faculty Sponsor)

21 End of Life Perceptions
Nicole Lappe, Maryville University (Dr. Dustin Nadler, Faculty Sponsor)

22 Cognitive and affective barriers to help-seeking in young adults with chronic illness
Emily Lilly, Carthage College (Dr. Kateryna Sylaska, Faculty Sponsor)

23 A biopsychosocial approach to understanding early season influenza vaccination behavior
Jacob Roahrig, The Ohio State University at Newark; Jennifer Kowalsky, The Ohio State University at Newark (Dr. Jennifer Kowalsky, Faculty Sponsor)

24 Procrastination and alcohol involvement: The role of personality and life satisfaction
Paula Ramirez, Western Illinois University (David J. Lane, Ph.D., Faculty Sponsor)

25 Examining the combined impact of personality and stress on college drinking behavior.
Matthew Gewinner, Maryville University; Gillian McManemin, Maryville University; DeMira Reyes, Maryville University (Dr. Julia Grant, Faculty Sponsor)

26 "Falling through the cracks: the silent eating disturbances in female athletics" - PSI CHI AWARD WINNER
Bailey Bickerstaff, Hillsdale College (Dr. Ben Winegard, Dr. Kari McArthur, Faculty Sponsor)
While athletes pose a higher risk for developing subclinical eating disorders, many cases of problematic eating are ignored due to failure to meet the DSM-V's diagnostic weight criteria. This study investigates eating disturbances and

screening practices within female athletic departments, making a case for the reclassification of eating disorder criteria.

27 Association between academic performance and marijuana use in undergraduate college students
Margaret Hart, Gonzaga University; Ben Mandel, Gonzaga University; Luke Pfister, Gonzaga University (Adam Stivers, Faculty Sponsor)

28 The Effects of Instagram User Weight and Health Orientation on Perceptions of Food Posts
Savannah Schaller, University of Wisconsin, Milwaukee; Saman Imran, University of Wisconsin, Milwaukee; Alese Nelson, University of Wisconsin-Milwaukee; Raymond Fleming, University of Wisconsin-Milwaukee (Alese M. Nelson, Raymond Fleming, Faculty Sponsor)

29 How do resilience resources change in response to acute stress?
Victoria Gardner, Hope College; Emily Blackwell, Hope College; Nina Cuthrell, Hope College (Dr. Alyssa Cheadle, Faculty Sponsor)

30 Impact of self-compassion and gender on stress
DeMira Reyes, Maryville University; Gillian McManemin, Maryville University; Matthew Gewinner, Maryville University (Julia Grant, Faculty Sponsor)

31 The impact of pre-existing beliefs about essential oils on stress response in the presence of lavender aromatherapy
Rachel Kullas, University of St. Thomas; Madie Kroehler, University of St. Thomas (Dr. Sarah Hankerson, Ph.D., Faculty Sponsor)

32 Sex differences in the association between temperament and lifespan in rats
Vidhurba Srihari, University of Minnesota Morris (Kerry Micheal, Faculty Sponsor)

33 Examining the Relationship Between Alcohol and Stress
Gillian McManemin, Maryville University; DeMira Reyes, Maryville University; Matthew Gewinner, Maryville University (Dr. Julia Grant, Faculty Sponsor)

34 Impact of university health courses on psychological readiness towards physical activity and VO2 max
Kensei Maeda, North Park University; Kezia Shirkey, North Park University (Kezia Shirkey, Faculty Sponsor)

35 Anaphylaxis and academics: the psychology of food-allergic post-secondary students
Derek Boswell, King's University College at Western University; Mike Morrison, King's University College (Michael Morrison, Faculty Sponsor)

36 Student social media use and physical health outcomes
Katrina Rasmusson, University of Minnesota, Morris (Kerry C. Michael, Faculty Sponsor)

37 Perceptions of Coloring and Stress Relief
Adrian Brown, College of DuPage; Patrick Kelley, College of DuPage; Brianna Orto, College of DuPage; Sarah Butler, College of DuPage; Or'Shaundra Benson, College of DuPage (Sarah Butler, Or'Shaundra Benson-Meirick, Faculty Sponsor)

38 Moving beyond income: Dimensions of deprivation and threat in the context of poverty uniquely predict child internalizing problems
Lilly Bendel-Stenzel, St. Catherine University; Meriah DeJoseph, University of Minnesota; Daniel Berry, University of Minnesota; Clancy Blair, NYU (Dr. Daniel Berry, Faculty Sponsor)

39 Easing the college transition: Examining differences between on and off campus students in family support and other related variables
Lindsey Hunter, Murray State University; Amanda Joyce, Murray State University (Dr. Amanda Joyce, Faculty Sponsor)

40 Do Young Children Conform? Conformity Behaviors in Children Aged Two Through Five
Tatiana Bakken, University of Wisconsin-Stout (Dr. Christina Shane-Simpson, Faculty Sponsor)

41 Biological Children of International Adoptees: Identity in the Second Generation
Kiana Schuchard, University of St. Thomas; Malia Sherred, University of St. Thomas, MN (Jean Giebenhain, Faculty Sponsor)

42 College Students Technologically-Mediated Communication with Close Relationship Partners and Influences on Relationship Quality
Madelyn Arends, University of Missouri-Columbia; Yue Guo, University of Missouri-Columbia; Anna Lindell, University Wisconsin-Whitewater; Sarah Killoren, University of Missouri; Nicole Campione-Barr, University of Missouri (Dr. Nicole Campione-Barr, Faculty Sponsor)

43 Predicting parentification of individuals with siblings with autism spectrum disorder
Sarah Campbell, Kenyon College (Dana Krieg, Faculty Sponsor)

44 Building Resilience in Children
Megan Rodgers, Governors State University; Danielle Jibaja, Governors State University (Alli Cipra, Faculty Sponsor)

45 Risk perception and health-related risk-taking behaviors in emerging adults: The role of parental control
Alicia Oladipo, Southeast Missouri State University (Dr. Catherine Chou, Faculty Sponsor)

46 Links between coparenting and callous-unemotional behaviors in preschool-aged children
Madeline Patrick, The Ohio State University; Jia (Julia) Yan, Ohio State University; Sarah Schoppe-Sullivan, The Ohio State University (Sarah Schoppe-Sullivan, Faculty Sponsor)

47 Relationship quality and stress as joint predictors of adaptation to college: What is the mechanism of interaction?
Elsie Parmar, Denison University (Gina Dow, Faculty Sponsor)

48 The effect of indirect speech acts on children's memory accuracy
Jeffery Leiter, University of Toledo; Christina O. Perez, University of Toledo; Kristina Todorovic, University of Toledo; Alana Barclay, University of Toledo; Kamala London, University of Toledo (Dr. Kamala London, Faculty Sponsor)

49 Fathers' involvement in intervention and its impact on their infants' affect
Caizi Qi, University of Notre Dame; Braungart-Rieker Julie, University of Notre Dame (Dr. Julie M. Braungart-Rieker, Faculty Sponsor)

50 Raising the bar: An examination of parenting styles and academic success
Abbey Knope, Maryville University (Dr. Peter Green, Faculty Sponsor)

51 International-adult-adoptee identity: The impact of having biological children
Malia Sherred, University of St. Thomas, MN; Kiana Schuchard, University of St. Thomas (Jean Giebenhain, Faculty Sponsor)

52 Associations of alternative educational methods with depression, anxiety, and social climate of adolescent classrooms
Sarah Rybacki, UW-Parkside (Dr. Meredith McGinley, Faculty Sponsor)

53 The Effect of Adaptability and Family Conflict on Child Externalizing Behavior
Margaret Schlotter, Southern Illinois Univesity Carbondale; Riley Marshall, Southern Illinois University Carbondale (Lisabeth F. DiLalla, Faculty Sponsor)

54 How Academic Disappointment affects Motivation in Youth
Megana Nair, DePaul University; Jessica Rice, DePaul University; Chantelle Miller, DePaul University; Kathryn Grant, DePaul University (Dr. Kathryn Grant, Faculty Sponsor)

55 Foraging strategies in preschoolers
Aubrielle Maginness, University of Missouri; Kristy vanMarle, University of Missouri - Columbia (Kristy vanMarle, Faculty Sponsor)

56 Work Orientation among Adolescents with ADHD: Co-Occurring Problems and Parenting
Marixza Torres, Eastern Washington University; Dawn Gondoli, University of Notre Dame; Christine Steeger, University of Colorado Boulder; Bradley Gibson, University of Notre Dame (Dawn Gondoli, Faculty Sponsor)

57 Family dynamics and multidimensional perfectionism
Asa Jaymes, Miami University; Nick Stamper, Miami University; Anthony Drew, Miami University (Dr. Elizabeth Kiel, Faculty Sponsor)

58 Relationship between implicit theories and stress regulation in older adults

Daniel Vo, Holy Cross College; Michael Bright, Holy Cross College; Maria Barrera, Holy Cross College; Maritza DeAnda, Holy Cross College; Alexa Lemieux, Holy Cross College (Cosette Fox, Lira Yoon, Faculty Sponsor)

59 The differential impact of parent-child conflict on adolescent adjustment
Katy Donnelly, University of Missouri; Christopher Odudu, University of Missouri (Nicole Campione-Barr, Faculty Sponsor)

60 Building Resilience Against Bullying Behaviors
Victoria Gutierrez, Governors State University; Megan Rodgers, Governors State University (Alli Cipra, Faculty Sponsor)

61 Examining Antecedents of Maternal Caregiving Behaviors using SEM Models
Rachael Robinson, University of Missouri-Columbia; Nanxi Xu, University of Missouri - Columbia; Ashley Groh, University of Missouri - Columbia (Ashley Groh, Faculty Sponsor)

62 The influence of maternal and paternal autobiographical memory and attachment and narcissism
Brieanna Muzzy, University of Wisconsin-Parkside; Miracle Hermann, University of Wisconsin-Parkside (Dr. Meredith McGinley, Faculty Sponsor)

63 Birth complications are linked to preschooler externalizing behaviors
Elena Cornelius, Southern Illinois University Carbondale; Emily Pali, Southern Illinois University - Carbondale (Lisabeth DiLalla, Faculty Sponsor)

64 Keeping your cool: The impact of outdoor versus indoor mindfulness activities on preschool behavior
Allison Mullins, Marshall University; Marianna Linz, Marshall University; Olivia Revels-Strothers, Marshall University (Marianna Linz, Ph.D., Faculty Sponsor)

65 Impact of mothers' interoceptive awareness on daughters' bulimia symptoms and body dissatisfaction
Molly Light, University of Notre Dame (Dr. Dawn Gondoli, Faculty Sponsor)

66 Cross-Syndromic Comparisons of Temperament and Heart Rate Variability during Arm Restraint

Alexis Morell, Purdue University; Wei Siong Neo, Purdue
University (Bridgette Kelleher, Faculty Sponsor)

**67 Impact of child maltreatment on emotional regulation and empathy:
A cross cultural examination**
Tanisha Lyngdoh, Columbia College (Gretchen Hendrickson, Faculty
Sponsor)

68 Parental Authority Legitimacy's Influence on Adolescent Disclosure
Chase O'Neal, University of Missorui; Christopher Odudu, University of
Missouri (nicole campione-barr, Faculty Sponsor)

**69 What happens when toddlers say "I don't know"?: naturalistic
analyses** - PSI CHI AWARD WINNER
Courtney Larsen, Bradley University; Becca Ruger-Smith, Bradley
University; Daiyana Young, Bradley University; Derek Montgomery, Bradley
University (Dr. Derek Montgomery, Faculty Sponsor)
Toddlers' naturalistic expressions of ignorance were studied. Most of the
expressions were in response to a question (90.5%). Many questions (48.2%)
were intended to teach the child and were often (51.80%) followed with an
answer. Parents routinely teach children what it means *to* know after children
say they *don't know*.

**70 On the Day You Were Born: Birth Narratives and Preschool
Attachment**
Twyla Barkakoty, Beloit College; Suzanne Cox, Beloit College (Suzanne M.
Cox, Ph.D., Faculty Sponsor)

**71 Mother's Attachment Representations, Emotion Talk, and Child
Socioemotional Outcomes**
Danielle Rock, University of Missouri-Columbia; Ashley Groh, University of
Missouri - Columbia (Dr. Ashley Groh, Faculty Sponsor)

**72 Emerging adults' perceptions of aggression in sexual scenes from film
and TV**
Scout Crowell, Kenyon College; Miriam Freiberg, Kenyon College; Haley
Witschey, Kenyon College (Dana Krieg, Faculty Sponsor)

73 Children's social network and preferences
Victoria Keating, University of Chicago; Nicole Burke, University of

Chicago; Amanda Woodward, The University of Chicago (Amanda Woodward, Faculty Sponsor)

74 Do 5-year-olds rely on visual cues to track the perspective of their speaker?
Harrison Clark, Bradley University; Madelyn Grady, Bradley University; Nicole Tucker, Bradley University; Raven Moore, Bradley University; Valerie San Juan, Bradley University (Valerie San Juan, Faculty Sponsor)

75 Examining the role of gender in the factor structure of parenting behaviors
Brooke Hoeferle, University of Missouri (Ashley Groh, Faculty Sponsor)

76 Does early theory of mind predict later developing communication skills?
Adeline Donahue, Bradley University; Priyal Patel, Bradley University; Ricardo Onate, Bradley University; Austin Smith, Bradley University; Kellie Morrissey, Bradley University; Valerie San Juan, Bradley University (Dr. Valerie San Juan, Faculty Sponsor)

77 Family Emotional Climate and Youth Victimization of Peers: Mediating Effects of Disinhibition and Emotion Regulation - PSI CHI AWARD WINNER
Kendall Riley, Indiana University Bloomington (Tennisha Riley, Faculty Sponsor)
Family environments can transmit anger and negative emotions, resulting in youth externalizing these behaviors toward their peers. Using serial mediation we found that youth-reported disinhibition partially explained the relation between negative family expressiveness and youth's inclination to victimize their peers. However, emotion regulation did not contribute to the model.

78 Attachment and personality as predictors of relationship satisfaction in emerging adulthood
Jen Kern, Central College (Dr. Peggy Fitch, Faculty Sponsor)

79 Assessment of perceived workload in the classroom
Connor MacKenzie, Otterbein University; Cynthia Laurie-Rose, Otterbein University (Dr. Cynthia Laurie-Rose, Faculty Sponsor)

80 College motivation and the correlation between Greek life and GPA
Kirsten Parr, Augustana College (Dr. Dan Corts, Faculty Sponsor)

81 Examining Executive Function and Schizotypy in a Normative Population using ERP
Alison Bahena, University of Wisconsin-Green Bay (Jason Cowell, Faculty Sponsor)

82 College Students' Adjustment, Success, and Relationship Expectations: Views from Three Generations
Alyssa Provencio, Loras College (Dr. Lisa Grinde, Faculty Sponsor)

83 Childhood friendships effect on cooperation in college
Laura James, University of Wisconsin- River Falls (Melanie Ayres, Faculty Sponsor)

84 Early Life Stress and It's Effect on Inhibitory Control in College Students
Ryan Tautges, University of Wisconsin - Green Bay; Destany Calma-Birling, University of Wisconsin Oshkosh; Jason Cowell, University of Wisconsin-Green Bay (jason cowell, Faculty Sponsor)

85 Perceived daily health and perceived daily stress in middle-aged and older adults
Karen Aldavaz Saenz, University of Notre Dame; Raquael Joiner, University of Notre Dame (Dr. Cindy Bergeman, Faculty Sponsor)

86 Differences in adult relationship satisfaction between youth gender-related variables
Molly White, University of Missouri-Columbia; Amanda Rose, University of Missouri (Amanda Rose, Faculty Sponsor)

11:00 Everything You Wanted to Know About the GRE (and how to do your BEST at it)
Matthew Bashi-Kadlubowski, Educational Testing Services (ETS)

Thu 11:20AM - 12:05PM   Exhibit Hall

1 Tensions Run High: Disentangling the Interrelations Between Attachment Style, Self Efficacy, and Social Anxiety
Ashlen Grubbs, Murray State University; Casey Brugh, Murray State University (Amanda Joyce, Faculty Sponsor)

2 Why do today what you can put off to tomorrow?: ADHD, parenting, and academic procrastination
Helen Chavis, Murray State University (Amanda Joyce, Faculty Sponsor)

3 Association of adolescent gender typed communication style on adult romantic relationships
Madison Bellamy, University of Missouri- Columbia (Dr. Amanda Rose, Faculty Sponsor)

4 Preservice teachers' conceptual understanding of fraction division compared to other undergraduates: are the differences due to attitudes?
Gabrielle Eismann, University of Kentucky (Dr. Pooja Sidney, Faculty Sponsor)

5 Differential expression of autism-risk genes across a cortical language network
Mariah Olinger, University of Wisconsin River Falls (Daniel Ehlinger, Lori Swanson, Faculty Sponsor)

6 Cross-Cultural Similarities in Parental Perceptions of Technology in the Classroom
Nathalie Bonilla, University of Wisconsin Stout (Christina Shane-Simpson, Faculty Sponsor)

7 Differences in adolescent disclosure to siblings in intact vs. non-intact families
Sarah Hanske, University of Missouri-Columbia; Yue Guo, University of Missouri-Columbia (Nicole Campione-Barr, Ph.D., Faculty Sponsor)

8 The Impact of Adoption on Identity: NBC's "This Is Us"
Kiana Schuchard, University of St. Thomas (Jean Giebenhain, Faculty Sponsor)

9 Religious beliefs in youth;contributing to internalizing, externalizing and subjective well being
Grace Smith, Southeast Missouri State University; James Waltz, Southeast Missouri State University (Dr. Catherine Chou, Faculty Sponsor)

10 Effects of early sex education on post-adolescent relationships
Dawson Quinn, University of Missouri - Columbia (Dr. Rachel Thibodeau Nielson, Faculty Sponsor)

11 Exploring context-dependent variability in children's understanding of whole number division and zero
Jessica Blake, University of Kentucky; Pooja Sidney, University of Kentucky (Pooja Sidney, Faculty Sponsor)

12 Childhood life skills prevalence in a low socioeconomic status community
Jasmine Quistorf, University of Wisconsin- Green Bay; Elena Hurley, University of Wisconsin - Green Bay; Tricia Hansen, University of Wisconsin - Green Bay; Kallie Reckner, University of Wisconsin - Green Bay; Sarah Lesniak, University of Wisconsin - Green Bay; Janaina Lima Fogaca, University of Wisconsin - Green Bay (Jana Fogaca, Faculty Sponsor)

13 Twin-status, siblings, and peers: Differences between parent-reported and observed behavioral inhibition - PSI CHI AWARD WINNER
Kelly McKiness, Southern Illinois University; Matt Jamnik, Southern Illinois University Carbondale (Lisabeth DiLalla, Faculty Sponsor)
Previous research suggests a parent report bias on shyness measures due to twin-status. The current study examined the influence of twin-status, daycare, and number of siblings on observed inhibition and parent-reported withdrawn behaviors. Results highlight the influence of biological temperament on observed shyness, and twin-status on parent-reported withdrawn problems.

14 Examining parents' acceptability of physical punishment of children: A survey of parents of children ages 0-8
Olivia Chang, University of Michigan College of LSA; Shawna Lee, University of Michigan School of Social Work; Elizabeth Gershoff, The

University of Texas at Austin; Joyce Lee, University of Michigan School of Social Work; Catherine Taylor, Tulane University School of Public Health and Tropical Medicine (Shawna Lee, Faculty Sponsor)

16 Lifelong consequences with hope: Adverse childhood experiences and social connectedness on adolescent depression
Christopher Baker, Murray State University; Esther Malm, Murray state University (Esther Malm, Faculty Sponsor)

17 Toddlers' Object Learning and Generalization
Sarah Pan, University of Chicago; Riley Abeles, The University of Chicago; Natalie Brezack, The University of Chicago; Amanda Woodward, The University of Chicago (Amanda Woodward, Faculty Sponsor)

18 Examining bilingual and monolingual infants' verb learning and generalization
Rachel Kritzik, Northwestern University; Alexander LaTourrette, Northwestern University (Sandra Waxman, Faculty Sponsor)

19 The Effect of Parental Interaction on Emotional Learning with Interactive Devices in Children Ages Three to Six
Kathleen Rosneck, Otterbein University; Lillian Quaid, Otterbein University (Dr. Meredith Meyer, Faculty Sponsor)

20 Emerging adults' perceptions of sexual aggression in television and movies
Haley Witschey, Kenyon College; Scout Crowell, Kenyon College; Miriam Freiberg, Kenyon College; Dana Krieg, Kenyon College (Dana B. Krieg, Faculty Sponsor)

21 Associations Between Love Styles and Music Preference
Sophia Svetnicka, University of St. Thomas; Andrea Huber, University of St. Thomas (Dr. John Buri, Faculty Sponsor)

22 Event criteria do not influence PTSD symptoms
Tiffany Abrams, Saint Xavier University; Samar Awwad, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

23 The influence of cognitive dissonance on decision-making through the framing effect
Julie Heniff, Lewis University; Jeremiah Rivera, Lewis University (Spencer Campbell, Faculty Sponsor)

24 The influence of an agent's voice on learning outcomes
Thomas Morris, Eastern Kentucky University; H-T. Michael Chen, Eastern Kentucky University; Jon Phillips, Eastern Kentucky University (H-T. Michael Chen, Faculty Sponsor)

25 Gogh'ing to the Art: Effects of Knowledge and Presence on Art Value
Caroline Stallings, Centre College; Sarah Mandviwala, Centre College (Drew Morris, Faculty Sponsor)

26 "Let's just call this done": A mixed method approach to college students' writing revisions
Dani Toth, Saginaw Valley State University; Julie Lynch, Saginaw Valley State University; Mary Sesti, Saginaw Valley State University; Cameron Munroe, Saginaw Valley State University (Julie Lynch, Faculty Sponsor)

27 Individual Differences in Perception of Correlation in Visual Data
Collin Lehmann, Hillsdale College (Benjamin Winegard, Kari McArthur, Faculty Sponsor)

28 Empathy and perspective: Exploring how state empathy and perspective shape recall
Corrin Stines, Elmhurst College (Dr. Joshua VanArsdall, Faculty Sponsor)

29 Facial Expression vs. Gesture in Interpreting Communication Without Verbal Language
Rachel Hecke, Augustana College (Dan Corts, Faculty Sponsor)

30 Neurophysiological Responses to Stress and Music's Role in Improving Hippocampal Functions
Dakotah Kinsella, Augustana College (Dr. Rupa G. Gordon, Faculty Sponsor)

31 Reimagining reflection: multiple variables that may affect how students reflect on their performance
Alyssa Rodway, Carthage College; Kimberly Hernandez, Carthage College (Dr. Dennis Munk, Faculty Sponsor)

32 Concussions and ADHD
Andie Woodcox, Centre College; Mikayla Fee, Centre College (Dr. KatieAnn Skogsberg, Faculty Sponsor)

33 Sleep deprivation and memory: does mood induction reverse the negative effects in memory performance?
Susana Melgar, Wartburg College (Dr. Andrea Eslick, Faculty Sponsor)

34 Impaired memory retrieval during high intensity exercise
Courtney Kruthoff, Central College; Marissa Hudson, Central College; Molly Kellar, Central College (Ashley Scolaro, Faculty Sponsor)

35 Is that really funny or am I just misogynistic? A deeper understanding of verbal intelligence and humor preference
Gabrielle Lewis, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville (Dr. Trisha Prunty, Faculty Sponsor)

36 Testing adaptive theories of depression's effects on various cognitive processes
Lindsay Chassay, kansas state university; Jeffrey Hood, Kansas State University (Gary L. Brase, Faculty Sponsor)

37 Music's effect on age-related differences for emotional word recall
Savannah Lewis, Ashland University; Miranda Bielawski, Ashland University; Natalie Clinger, Ashland University; Mitchell Metzger, Ashland University; Peter Mallik, Ashland University (Peter Mallik, Mitchell Metzger, Faculty Sponsor)

38 Retention of procedural memory
Reilly Connor, University of Notre Dame; Abigail Doolen, University of Notre Dame (Dr. Gabriel A. Radvansky, Faculty Sponsor)

39 An Examination of Different Dimensions of Memory as Related to Television Programs
Laura McKernan, University of Notre Dame; Abigail Doolen, University of Notre Dame (G.A. Radvansky, Faculty Sponsor)

40 The Effect of Disgust on Directed Forgetting
Jocelyn Plowman, Augustana College; Teresa McKay, Augustana College (Dr. Daniel Corts, Faculty Sponsor)

41 Certainty, subjective numeracy, and objective numeracy in decision making.
Sara Pierce, Ohio State University; Brittany Shoots-Reinhard, The Ohio State University; Richard Petty, Ohio State University, Columbus; Ellen Peters, The Ohio State University (Brittany Shoots-Reinhard, Ellen Peters, Richard Petty, Faculty Sponsor)

42 Who Makes the Best Decision? Association Between Emotional-Behavioral Regulation and Optimal Decision-Making
Nam Nguyen, Lindenwood University (Colleen Biri, Faculty Sponsor)

43 The impact of PTSD on Memory for Central and Peripheral Information
Jameson Brehm, Kansas State University; Barbara Pitts, Kansas State University; Heather Bailey, Kansas State University (Dr. Barbara L. Pitts, Dr. Heather Bailey, Faculty Sponsor)

44 The Effects of Knowledge and Age on Eye Movements and Memory
Whitney Applegate, Kansas State University; Jameson Brehm, Kansas State University; Maverick Smith, Kansas State University; Heather Bailey, Kansas State University (Heather Bailey, Maverick Smith, Faculty Sponsor)

45 Thinking positively, learning actively: Assessing impacts of emotion and presentation in associative learning
Tyler Frost, Loras College; Jack Tressel, Loras College (Dr. Jake Kurczek, Faculty Sponsor)

46 Using Cognitive Dissonance Theory to Prevent Cheating
Naoki Oe, Lindenwood University-Belleville; Veljko Stojanovic, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville (Dr. Trisha Prunty, Faculty Sponsor)

47 Mindfulness meditation: the effects of a 3-day intervention - PSI CHI AWARD WINNER
Katelyn Limke, Nebraska Wesleyan University (Dr. mary beth ahlum, Faculty Sponsor)
Brief mindfulness-based interventions have been shown to positively impact negative affectivity, anxiety, rumination, emotional regulation, and attention. This study sought to observe the effects of a 3-day mindfulness-based intervention on attentional processes, dispositional mindfulness, and

psychological well-being and to determine if a positive relationship exists between attention and well-being.

48 Perceiving the Gist of Auditory Information at Brief Exposures

Megan Schulte, University of Wisconsin - Parkside; Holly Ambruso, UW Parkside (Melissa K. Gregg, Faculty Sponsor)

49 Examining the effect of meaningfulness in memory aids

James Walshaw, Southeast Missouri State University (Dr. Whiteford-Damerall, Faculty Sponsor)

50 Early Life stress and fairness: An ERP analysis

A Yang, Undergraduate at University of Wisconsin - Green Bay; Natalie Ehren, University of Wisconsin - Green Bay (Jason M. Cowell, PhD, Faculty Sponsor)

51 Counterfactual thinking and perfectionism: Does self-esteem suffer?

Caroline Kilroy, University of St.Thomas; Abigail Gray, University of St. Thomas (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

52 Meditation and its potential shielding effects on stress

Ethan Perkins, Earlham College (Angel Muñoz, Faculty Sponsor)

53 "Gender" differences in autobiographical recall: Does gender identity predict better than assigned sex? - PSI CHI AWARD WINNER

Jessica Seal, University of St Thomas; Tess Lattery, University of St. Thomas; Erica Stott, University of Saint Thomas (Greg Robinson-Riegler, Faculty Sponsor)

We investigated the relationship between gender identity and autobiographical memory. Previous research addresses only binary gender identity; considering gender as a spectrum increases inclusivity and allows for greater generalizability. Participants will respond to a gender identity assessment and recall autobiographical memories. Gender identity is expected to reliably predict memory characteristics.

54 Calling creativity: The effect of smartphone use on creativity

Kendall Cornick, Augustana University; Daniel Bishop, Augustana University; Annemarie Fisher, Augustana University; Elizabeth Helder Babcock, Augustana University (Elizabeth Helder Babcock, Faculty Sponsor)

55 Memories of College: Turning Points and Transitions
Jane Ude, University of St. Thomas; Emma Peerenboom, University of St. Thomas; Madeleine Averkamp, University of St.Thomas; Olivia Tjokrosetio, University of St Thomas; James St. Peter, University of St. Thomas (Dr. Greg Robinsin-Riegler, Faculty Sponsor)

56 Adult age-related differences in associative memory for word pairs: evidence for levels of specificity in the verbal domain
Ashley Boone, University of Missouri; Nathaniel Greene, University of Missouri (Moshe Naveh-Benjamin, Faculty Sponsor)

57 Attentional focus regarding elicitation of the N2pc component
Renee Barthel, UW Oshkosh (Aaron Karst, Faculty Sponsor)

58 Questions About Videos: Examining the Effects of Virtual Reality on Deception Detection
Colin Lamb, University of Dayton; Owen Boyle, University of Dayton; William Soto, University of Dayton (Dr. Susan T. Davis PhD, Faculty Sponsor)

59 Sex differences in visual attention following a concussion
Meredith Hobbs, Centre College; Ashley Lewis, Centre College (Dr. KatieAnn Skogsberg, Faculty Sponsor)

60 VPA impacts on anxiety and repetitive behaviors in Long-Evans rats
Parker Beer, Kansas State University; Lina Parks, Kansas State University; Emily Heinking, Kansas State University; Felipe Deihle, Kansas State University; Tessa Maze, Kansas State University; Zachary McKinnell, Kansas State University; Bethany Plakke, Kansas State University (Bethany Plakke, Faculty Sponsor)

61 Self-concept and the Influence Mirrors have on Cognitive Performance
Eric Volk, Fontbonne University (Jason Finley, Faculty Sponsor)

62 Gender differences in food-felated Stroop task
Amanda Borchardt, Carroll University (Tara Schmidt, Joshua Wolf, Abigail Riemer, Faculty Sponsor)

63 I Remember This, Period: Characteristics of Memories for Menarche and Feminist Identity
Olivia Checkalski, University of St. Thomas; Greg Robinson-Riegler, University of St. Thomas (Dr. Greg Robinson-Riegler, Faculty Sponsor)

64 Can people distinguish between solvable and unsolvable problems?
Rebecca Sennett, University of Wisconsin - Parkside (Edward Bowden, Faculty Sponsor)

65 Effects of task-unrelated thoughts on visual-search task performance in individuals with ADHD
Divya Manikandan, University of Michigan- Ann Arbor; Tessa Abagis, University of Michigan; John Jonides, University of Michigan (John Jonides, Faculty Sponsor)

66 Modeling decision strategy when selecting a driver after drinking
Lane Burdette, University of Missouri - Columbia; Olivia Warner, University of Missouri - Columbia; Rachel Wesley, University of Missouri; Clintin Davis-Stober, University of Missouri - Columbia; Denis M. McCarthy, University of Missouri - Columbia (Denis McCarthy, Faculty Sponsor)

67 A behavioral and EEG investigation of the differences in auditory and visual memory
Elizabeth Buell, UW-Parkside; Dominik Bakowski, UW-Parkside; Melissa Gregg, University of Wisconsin Parkside (Dr. Melissa Gregg, Faculty Sponsor)

68 Looking at race: explicit and implicit measures of own-race bias
Elainna Simpson, Loras College; Kayla Kinney, Loras College; Gabrielle Noland, Loras College (Jake Kurczek, Faculty Sponsor)

69 Co-witness influence on police lineup identifications
Chase Siner, University of Arkansas; Amber Giacona, University of Arkansas (James Lampinen, Faculty Sponsor)

70 Parental memories and Childhood separation: Does Resiliency matter?
Sadie L Allison-Palmateer, University of St. Thomas; Maggie Applegarth, University of St. Thomas (Dr. Greg Robinson-Riegler, Faculty Sponsor)

71 The impact of a single semester of new language learning on creativity in college students
Molly Schwibinger, Lakeland University; Kayla Potter, Lakeland University; Emilie Schartner, Lakeland University; Mai Lor, Lakeland University; Ariel Lochman, Lakeland University; Olivia Hansen, Lakeland University (Jessica Kalmar, Faculty Sponsor)

72 Manifesting the athlete: Autobiographical memory and athletic identity
Jordan Johnson, University of St. Thomas; Lauren Yanisch, University of St. Thomas; Lexi Rognstad, University of St. Thomas; Lena Wilson, University of St. Thomas (Greg Robinson-Riegler, Faculty Sponsor)

73 Sexes perform equally on fluid intelligence and working memory tasks
Emily Augustine, Kansas State University; Sydnee Pachek, Kansas State University; Destiny Bell, Kansas State University (Dr. Heather Bailey, Faculty Sponsor)

74 Studying ways to combat the low prevalence effect using eye-tracking
Chad Bolman, Carthage College (Arryn Robbins, Faculty Sponsor)

75 Influence of category variability on category learning and classification of novel stimuli
Patricia Baker, Carthage College; Kory Scherer, Carthage College; Alanna Sullivan, Carthage College (Dr. Arryn Robbins, Faculty Sponsor)

76 Truthiness of life hacks
Jana Knudsen, University of Wisconsin River Falls; Meghan Weatherly, University of Wisconsin River Falls (Abigail Jackson, Faculty Sponsor)

77 Titles self-generated by viewers enhance recognition memory, pleasingness and willingness to purchase paintings
Tessa Jatczak, University of Dayton; Abigail Flower, University of Dayton; Rachel Yeager, University of Dayton; Terah Blakemore, University of Datyon; Hannah Propes, University of Dayton; Kaylee Hargis, University of Dayton; Kiersten Weatherbie, University of Dayton (Susan T. Davis, Ph.D., Faculty Sponsor)

78 Insight problem solving and magic: may I have your executive attention?

Ian Bonar, University of St. Thomas; Noah Robinson, University of St. Thomas; Logan Monahan, University of St. Thomas, MN (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

79 Understanding the relationship between definition and prevalence: a meta-analysis of false memory research
Esmeralda Mariscal, Dominican University; Anthony Krafnick, Dominican University (Anthony Krafnick, Faculty Sponsor)

80 Energy Drinks and Their Effect on Sleepiness, Cognition, and Mood
Chrismaria William, Michigan State University; Trishul Kalapuram, Michigan State University; Kimberly Fenn, Michigan State University; Ankita Rao, Michigan State University; Nicholas Harb, Michigan State University (Kimberly Fenn, Faculty Sponsor)

81 The Functional Viewing Field and Object-Based Attentional Guidance in Visual Search
Olivia Saccameno, Carthage College (Arryn Robbins, Faculty Sponsor)

82 Retention of field-use pre-lineup instructions
Nathalie Moriarty, University of Arkansas, Fayetteville; James Lampinen, University of Arkansas (Dr. James M. Lampinen, Faculty Sponsor)

83 Reliance on Technological Memory Aids Across Age
Laura Hetrick, University of Nebraska at Omaha; Beth Lyon, University of Nebraska at Omaha; Jackelin Portillo, University of Nebraska at Omaha; Bailey Hoffer, University of Nebraska at Omaha; Allysia Holm, University of Nebraska at Omaha (Dr. Bethany Lyon, Faculty Sponsor)

84 Recollection of Romantic Relationships
Daniela Gonzalez, University of St. Thomas; Ashley Christensen, University of St. Thomas; Madie Kroehler, University of St. Thomas; Nancy Bury, University of St. Thomas

Psi Chi Data Blitz Session I

Thu 12:00PM - 12:50PM   Salon 02

12:00 Low, but not moderate, caffeine increases alcohol intake in male and female C57 mice
Melissa Evans, Butler University (Dr. Jennifer Berry, Faculty Sponsor)

12:07 Cognitive interpretation of neutral faces: an electrical neuroimaging study
Claire Perry, University of Chicago; Jennifer Fanning, McLean Hospital, Harvard Medical School (Royce Lee, Faculty Sponsor)

12:14 Emotional burnout, not time of day, predicts cheating behavior
Lila Sebetka, Central College; Timothy Augspurger, Central College; Jordan LaBarge, Central College (Ashley Scolaro, Faculty Sponsor)
The morning morality effect is the finding that people behave more ethically in the morning than later in the day (Kouchaki & Smith, 2014). We hypothesized that sleep deprivation and burnout would be additional predictors of cheating behavior. Our results show that emotional burnout, not time of day, predict cheating.

12:21 Encouraging women to identify a successful male computer science student as a role model by highlighting similar past adversity
Alanna Echols, Indiana University-Purdue University Indianapolis; Alex Armstrong, Indiana University-Purdue University Indianapolis; Katherine Shr, Indiana University-Purdue University Indianapolis (Dr. Evava Pietri, Faculty Sponsor)
Exposure to successful scientist role models can enhance women's interest in computer science; however, women must feel similar to a scientist for the scientist to be a role model. We demonstrated increasing perceptions that a successful computer science major who had similar experiences with adversity, enhanced identification within this student.

12:28 Who is the 21st century environmentalist? The relationship among environmental views, personality traits, and demographic characteristics
Noah Cordoba, North Central College (Leila Azarbad, Faculty Sponsor)
Previous research has found positive correlations between environmental concern and personality and demographic characteristics but is limited. The present study aimed to further investigate these relationships. A 67 participant study revealed women, liberals, and high emotionality and openness to experience scorers were more likely to show high environmental concern.

12:35 Internet Search Strategies, Concepts of Justification and Epistemic Beliefs

Joseph Wansing, University of Missouri-Columbia (Phillip K. Wood, Faculty Sponsor)

12:42 The effect of anxiety and depressive symptoms on the relationship between confidence and mental health help-seeking attitudes
Avery Pankratz, Loyola University Chicago; Colleen S. Conley, Loyola University Chicago (Colleen Conley, Amanda Ruggieri, Faculty Sponsor)

Psi Chi Poster Session VI

Thu 12:10PM - 12:55PM   Exhibit Hall

1 Influence of Assertiveness on Group-Oriented Beliefs among College Students
Chung Ho Chee, Upper Iowa University; Melinda Heinz, Upper Iowa University (Dr. Melinda Heinz, Faculty Sponsor)

2 The Effect of Feedback Reception on the Development of Schadenfreude
Macey Windley, Xavier University (Dr. Cynthia Dulaney, Faculty Sponsor)

3 The relationship between attitudes towards gender roles and GPA among women in male-dominated majors
Aya Shohatee, Ball State University (Katie Lawson, Faculty Sponsor)

4 The role of food consumption on evaluations of older adults
Mierel Rehich, Northeastern Illinois University (Amanda Dykema- Engblade, Lorilene Cuevas, Faculty Sponsor)

5 Effects of personal hypermasculinity on acceptance of masculine and feminine perceived men
Bryan Gazak, Xavier University (Dr. Tammy, L. Sonnentag, Faculty Sponsor)

6 How acknowledging human error affects the perceived hirability of applicants with different criminal backgrounds
Paige Harbarger, Xavier University (Dr. Tammy Sonnentag, Dr. Stacey Raj, Faculty Sponsor)

7 Perceiving self-interest in the charitable behavior of helping professionals: Role of counterfactual information
Madison Muriel, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

8 The effects of severity and frequency of disparaging language about women on individuals' tendencies to respond
Maggie McDonnell, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

9 The effect of model size and gender on consumer purchasing behavior
Rachel Barth, Xavier University (Dr. Dalia Diab, Faculty Sponsor)

10 Social support, perceived ostracism, and posttraumatic stress symptoms among veterans
Julie Myers, Illinois State University; Miette Daluga (Eric D. Wesselmann, Leandra Parris, Mark Swerdlik, Faculty Sponsor)

11 Connections between Rape Myth Acceptance and Favorite Musical Artist among College Students
Sahar Elmenini, University of Michigan-Dearborn (Pam McAuslan, Marie Waung, Faculty Sponsor)

12 Mental health first aid training on a university's campus
Kathryn Brien, Dominican University (Tina Taylor-Ritzler, Faculty Sponsor)

13 College Students' Perceptions of Military Veterans
Jessica Carter, Indiana University; Kathryn Kroeper, Indiana University-Bloomington (Mary Murphy, Faculty Sponsor)

14 The Effect of Religious Priming on Attitudes Toward Immigrants
Taylor Richmond, Hope College; Kelly Teahan, Hope College (Dr. Daryl R. Van Tongeren, Faculty Sponsor)

15 How Emotional Intelligence Can Limit Burnout
Ilker Erkut, Penn State University Abington College; Michael Bernstein, Penn State Abington; Sahiba Bansal, Penn State Abington (Michael J. Bernstein, Faculty Sponsor)

16 When does having one's fan interests ignored threaten psychological needs?

Tyler Pederson, Illinois State University; Cody Atkinson, Illinois State University; Miette Daluga; Amy Bajaczyk, Illinois State University (Eric D. Wesselmann, Faculty Sponsor)

17 Plastic Surgery as a Long-term Mating Strategy
Emily Haynes, Western Illinois University; Emma Holtz, Western Illinois University; Sable Icenogle, Western Illinois University (Kristine Kelly, Faculty Sponsor)

18 Does mindfulness affect one's awareness of their negative impact on an ostracized individual?
Jason Tippie, The Ohio State University-Newark; Eric Jones, Grand Valley State University (Dr. James Wirth, Faculty Sponsor)

19 Patterns of relationship behaviors among grandiose and communal narcissists
Cheyenne Drotleff, The Ohio State University- Mansfield; Amy Brunell, The Ohio State University Mansfield (Dr. Amy Brunell, Faculty Sponsor)

20 Autism spectrum disorder and bully interventions
Haley Muth, Xavier University (Dr. Heather McCarren, Faculty Sponsor)

21 More than muscles: A social network analysis of undergraduate fraternity men's body image and eating practices
Robert Morgan, Miami University; Shelby Ortiz, Miami University; Lauren Forrest, Miami University (April Smith, Faculty Sponsor)

22 Perceptions of safety in your neighborhood and exercise habits: The moderating effect of income level
Madeline Mazanek, 1993; Helena Swanson, DePaul University; Joseph R. Ferrari, DePaul University (Dr. Joseph Ferrari, Faculty Sponsor)

23 Overweight stigma: Do implicit biases lead to explicit discrimination in educational settings?
nicolle wein, University of Wisconsin La-Crosse; megan Johnson, University of Wisconsin La Crosse (Berna Gercek Swing, Faculty Sponsor)

24 The relationship between personality traits on the online self-presentation

Braden Johnston, Southeast Missouri State University; Catherine Chou, Southeast Missouri State University (Dr. Catherine Chou, Faculty Sponsor)

25 The influence of positive intergroup interactions on willingness to interact
Kathryn Gustafson, Marquette University; Keara Kangas, Marquette University; Sydney Timmer-Murillo, Marquette University (Dr. Nakia Gordon, Faculty Sponsor)

26 Assessing the validity of the commonly-used lab-based measures of aggression research
Randy J. McCarthy, Northern Illinois University; John Erwin, Northern Illinois University (Randy McCarthy, Faculty Sponsor)

27 What explains more aggression in those exhibiting Dark Tetrad traits?
Lauren Hudachek, Iowa State University; Tessa Logan, Iowa State University; Diana Muranovic, Iowa State University (Dr. Zlatan Krizan, Anthony Miller, Faculty Sponsor)

28 Perceived identity compatibility and expected post-undergraduate achievement for women in male-dominated majors
Viveka Melo, Ball State University; Katie Lawson, Ball State University (Dr. Katie Lawson, Faculty Sponsor)

29 Does a self-protection goal change women's memory for smiling and neutral Black male faces?
Adira Daniel, University of Toronto; Bethany Lassetter, University of Toronto; Rebecca Neel, University of Toronto (Rebecca Neel, Faculty Sponsor)

30 Persuasion and swearing: How gender, status, and word choice influence attitudes
Evan Gray, College of DuPage; Adrian Brown, College of DuPage; Brianna Orto, College of DuPage (Elizabeth Arnott-Hill, Or'Shaundra Benson, Ken Gray, Faculty Sponsor)

31 Sport and perspective taking
Hillary Copeland, Murray State University (Dan Wann, Faculty Sponsor)

32 Promising Pathways: A Holistic Advising Model
Jacqueline Moya, Dominican University; Meagan Rosario, Dominican University (Tina Taylot-Ritzler PhD, Faculty Sponsor)

33 The effects of priming for social class on ethical decision making
Emily Bowman, Missouri Western State University; Alissa Bright, Missouri Western State University; Kaitlynn Rhinehart, Missouri Western State University; Sherry Rickel, Missouri Western State University; Sydney Shavnore, Missouri Western State University; Sara Wyss, Missouri Western State University (Dr. Teddi Deka, Faculty Sponsor)

34 How Communal Opportunities Relate to Belonging and Psychological Well-being in STEM
Hannah Samuels, Indiana University; Tessa Benson-Greenwald, Indiana University; Mary C. Murphy, Indiana University (Mary Murphy, Faculty Sponsor)

35 Like father, like partner? The influence of opposite-sex parents on implicit and explicit mate preferences
Jessica Danielle Bernal, Hope College; Emily Dodge, Hope College (Dr. Carrie Bredow, Faculty Sponsor)

36 Arab American Rejection Sensitivity
Debra Erickson, University of Michigan- Dearborn; Yue Yan Feng, University of Michigan - Dearborn; Kristina Nastoska, University of Michigan - Dearborn; Elizabeth Johnson, University of Michigan - Dearborn (Dr. Hymes, Faculty Sponsor)

37 Benevolent sexism influences how we detect uses for objects
Isabelle Matthews, Hope College (Benjamin Meagher PhD, Faculty Sponsor)

38 Relations Between Collegiate Athletes' Gender and Perceived Coaching Climates
Jasmine Quistorf, University of Wisconsin- Green Bay; Tsz Lun (Alan) Chu, University of Wisconsin - Green Bay; Trent A. Petrie, University of North Texas; Erin Albert, University of North Texas (Tsz Lun (Alan) Chu, Faculty Sponsor)

39 Perceptions of prostitution: Where does the opposition lie?
Tiffany Abrams, Saint Xavier University; Angela Pirlott, Saint Xavier University (Angela G. Pirlott, Faculty Sponsor)

40 The role of framing on test performance & anxiety
Julie Heniff, Lewis University; Jeremiah Rivera, Lewis University (Spencer Campbell, Faculty Sponsor)

41 Can Black-and-White Thinking Color Judgment?
Nam Nguyen, Lindenwood University (Sara Bagley, Faculty Sponsor)

42 Feeling Good about the Future? Communal Memories and Optimism
Sophia Svetnicka, University of St. Thomas; Abby Johnson, University of St. Thomas; Penny Groethe, University of St. Thomas (Dr. Greg Robinson-Riegler, Faculty Sponsor)

43 Influence of Test Anxiety in Creating False Memory When Given a Warning
Harsimran Kaur, Indiana Univeristy Northwest; Veronica Wing, Indiana University Northwest; Jasmin Alvarado, Indiana University Northwest; Sunshine Thompson, Indiana University Northest; Carolina Torres, Indiana University Northwest; Falicia Gutierrez, Indiana University Northwest (Frances Daniel, Faculty Sponsor)

44 The Effect of Cognitive Reflection and Warnings on False Memories
Ian Krause, Indiana University Northwest; Dylan Brock, Indiana University Northwest; Erin Hagenseker, Indiana University Northwest; Ameedah Johnson, Indiana University Northwest; Crystal Rucinski, Indiana University Northwest; Caroline Rutherford, Indiana University Northwest (Frances Daniel, Faculty Sponsor)

45 Cognitive Effects of Concussions on Student Athletes
Raelynn Twohy, Missouri University of Science and Technology; Amy Belfi, Missouri University of Science and Technology (Amy M. Belfi, Faculty Sponsor)

46 Can comprehending sentences about wrestling improve collegiate wrestlers' performance?
Michael Hendrix, University of Wisconsin-Whitewater (David Havas, Faculty Sponsor)

47 Learning and memory performances with video and PowerPoint lessons
Alaina Elliott, Mount Mercy University; Jaclynn Sullivan, Mount Mercy University (Dr. Jaclynn Sullivan, Faculty Sponsor)

48 Magicians shift event boundaries to shape awareness: The case of symmetry
Alyssa Ruediger, Carthage College; Bennett Shebesta, Carthage College (Anthony S. Barnhart, Faculty Sponsor)

49 Art expertise: Recognizing color in and out of context
Katherine Albert, Southern Illinois University Edwardsville (Elizabeth Meinz, Faculty Sponsor)

50 Intrusion into Awareness of Words Unconsciously Registered in Visual Working Memory
Taylor Jancetic-Bidelman, University of Missouri; Steve Hackley, University of Missouri - Columbia; Nelson Cowan, University of Missouri; Amy Underwood, University of Missouri - Columbia (Steven Hackley, Faculty Sponsor)

51 Visual attention differences among video-game players
Talyah Fogle, Ashland University; Hannah Outen, Ashland University; Savannah Lewis, Ashland University; Jessica Wilson, Ashland University; Jordan MacKay, Ashland University (Peter Mallik, Mitchell Metzger, Faculty Sponsor)

52 Planning and Navigating in an Unfamiliar Location: Effects of Outsourcing on Memory
Bailey Hoffer, University of Nebraska at Omaha; Beth Lyon, University of Nebraska at Omaha; Jackelin Portillo, University of Nebraska at Omaha; Laura Hetrick, University of Nebraska at Omaha; Allysia Holm, University of Nebraska at Omaha (Dr. Bethany Lyon, Faculty Sponsor)

53 Sick of Being Sick? How Current Illness Bias Plays a Role in Symptom Frequency Recall - PSI CHI AWARD WINNER
Allison Rice, Truman State University; Margaret King, Truman State University; Annie Schwend, Truman State University; Nate Aldrich, Truman State University; Connor Firth, Truman State University (Karen Vittengl, Faculty Sponsor)

Most studies of illness rely on patient recall of symptoms, which can be biased by recency and personality. We investigated how recall is biased by current experience of symptoms. Across three waves of surveys, participants frequently recalled more past symptoms when they were currently sick than when they were not.

54 Auditory Distractibility in the Visual Modality: Reverse Effects of Perceptual Load Hypothesis
Jacob Schlaegel, The Ohio State University; Chris Robinson, The Ohio State University (Dr. Chris Robinson, Faculty Sponsor)

55 Investigating the association between musical anhedonia and music-evoked autobiographical memories
Maria Gugliano, Missouri University of Science and Technology; Claire Neill, Missouri University of Science and Technology; Amy Belfi, Missouri University of Science and Technology; Ava Peterson, Missouri University of Science and Technology (Dr. Amy Belfi, Faculty Sponsor)

56 Unintentional and Intentional Mind-Wandering: Replication of Seli, Risko, & Smilek (2016)
Gabrielle Walton, Avila University; Jordan R. Wagge, Avila University (Dr. Jordan R. Wagge, Faculty Sponsor)

57 Speak the beat: The influence of rhythm on speech production
Elizabeth Champlin, The Ohio State University; Abigail Sedziol, Ohio State University; Elise Mabry, The Ohio State University (Melissa Jungers, Julie Hupp, Faculty Sponsor)

58 The effects of feedback and item sequence on metacognitive accuracy.
Hannah Pannell, South Dakota State University (Dr. Tyler Miller, Faculty Sponsor)

58 Stressed to the Max: How Financial Stress Links to Students' Academic Decision Making
Hannah Bontrager, University of Wisconsin- La Crosse; Alexis Condy, University of Wisconsin- La Crosse (Bianca Basten, Faculty Sponsor)

60 The effect of anthropomorphism on consumer memory for advertisements

Joshua Pike, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

61 The effect of writerly and readerly texts on empathic concern, perspective-taking, and social intelligence
Kelsey Buchmann, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

62 Age- and sex-differences in voluntary and involuntary autobiographical memory retrieval
Claire Neill, Missouri University of Science and Technology; Ava Peterson, Missouri University of Science and Technology; Raelynn Twohy, Missouri University of Science and Technology; Elena Bai, Missouri University of Science and Technology; Maria Gugliano, Missouri University of Science and Technology; Amy Belfi, Missouri University of Science and Technology (Dr. Amy Belfi, Faculty Sponsor)

63 The effect of relaxation techniques on using convergent and divergent thinking to solve problems
Hunter Bergland, Dakota Wesleyan University; Rory O'Malley, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

64 Profanity and Honesty: No F**** Way!**
Olivia Magaldi, Lewis University; Spencer Campbell, Lewis University; Jeremiah Rivera, Lewis University (Spencer Campbell, Faculty Sponsor)

65 Memory for emotionally arousing material does not improve over time
Julia Nebiolo, University of Notre Dame; Jerry Fisher, The University of Notre Dame (Dr. Gabriel A. Radvansky, Faculty Sponsor)

66 Detecting Head Injuries from Sports with an EEG: Is it Possible to Narrow the Amount of Electrodes Needed?
Cameron Shoemaker, Shawnee State University (Kyle Vick, Faculty Sponsor)

67 Intervening in the Negative Effects of Math Anxiety in Undergraduate Students
Lauren Zahrn, University of Kentucky; Pooja Sidney, University of

Kentucky; Clarissa Thompson, Kent State University (Dr. Pooja Sidney, Faculty Sponsor)

68 Value-driven attentional capture and its effects on adult Individuals with ADHD
Anthony Edgar, University of Michigan (John Jonides, Ph.D, Faculty Sponsor)

69 Prevalence of false memories in a negative mood induction
Brianna Grahovac, University of Wisconsin-River Falls; Renee Reckner, University of Wisconsin - River Falls (Dr. Abigail Jackson, Faculty Sponsor)

70 Timing of trauma: The importance of recognizing self-agency following traumatic experiences
Ellen Gruebbeling, University of Missouri-St. Louis; Miranda Jany, University of Missouri-St. Louis; Carissa Philippi, University of Missouri St. Louis (Dr. Carissa Philippi, Miranda Jany, Faculty Sponsor)

71 Attentional Deployment and Reappraisal Success to Negatively Valenced Images
Edward Mehrer, DePauw University (Michael Roberts, Faculty Sponsor)

72 Using the autobiographical memory model to predict PTSD symptoms
Samar Awwad, Saint Xavier University; Tiffany Abrams, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

73 Religion in politics: How religious beliefs affect policy debates
Christopher Parra, University of St. Francis; Eyal Sagi, University of St. Francis (Eyal Sagi, Faculty Sponsor)

74 The effects of auditory distractions on visual short-term memory
Rachel Burd, Western Illinois University; Julia DePriest, Western Illinois University; Torey Drumm, Western Illinois University (Kristine Kelly, Faculty Sponsor)

75 Tracking eye movements during a cognitive task with distraction: comparison of ADHD and control participants
Clara Steeby, University of Michigan; Tessa Abagis, University of Michigan (John Jonides, Faculty Sponsor)

76 Religious primes increase taboo language production
Andie Leeper, Central College; Savannah Allen, Central College; Joseph Rebik, Central College (Ashley Scolaro, Faculty Sponsor)

77 Does the experience of choking in performance differ in various circumstances
Keersten Heinrich, Lindenwood University; Sara Bagley, Lindenwood University (Dr. Sara Bagley, Faculty Sponsor)

78 Sex Differences, Moral Judgement, and Dark Triad Personality Traits
Gabrielle Bianco, Andrews University (Herb Helm, Karl G. D. Bailey, Faculty Sponsor)

79 Sounds slow down latency of first fixations
Dylan Laughery, The Ohio State University at Newark; Chris Robinson, The Ohio State University (Christopher W. Robinson, Faculty Sponsor)

80 Memory Recollection of Eyewitnesses and Victims
Adriana Jones, Holy Cross College of Notre Dame (Doris Van Auken, Cosette Fox, Faculty Sponsor)

81 Examining self-reflection and self-confidence as constructs related to insight in healthy and psychotic populations
Christopher Birch, University of Chicago; Barrett Kern, University of Chicago; Sarah K. Keedy, University of Chicago (Dr. Sarah Keedy, Faculty Sponsor)

82 Coping strategy and controllability regarding academic stress in university students
Sabrina Salvador, DePaul University; Chantelle Miller, DePaul University; Kathryn Grant, DePaul University (Kathryn Grant, Faculty Sponsor)

83 Active Procrastination, Time Perspective and Academic Self-Regulation in University Students
Amber Zimmerman, Andrews University (Dr. Karl G. D. Bailey, Faculty Sponsor)

84 Evolutionary Psychology: Is Mental Health Contagious?
Maddison Whitmore, University of St. Thomas; Benjamin Kraemer, University of St. Thomas; McKenna Mayne, University of St. Thomas;

Tanner Whitmore, University of St. Thomas (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

85 Impact of temperature priming on agreeableness
Veljko Stojanovic, Lindenwood University-Belleville; Naoki Oe, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville (Trisha Prunty, Faculty Sponsor)

86 Males' perceptions of sexual entitlement and self-control
Caroline Kilroy, University of St.Thomas (Dr. John Buri, Faculty Sponsor)

Psi Chi Data Blitz Session II

Thu 1:00PM - 1:50PM   **Salon 02**

1:00 Does humility compensate for incompetence? An empirical investigation of leader perceptions

Kelly Teahan, Hope College (Dr. Daryl R. Van Tongeren, Faculty Sponsor)

1:07 "Does Personality Affect the Type of Processing in a Short-term Memory Task?"

Maria Kalantzis, North Central College; Samuel Cahue, North Central College; Lauren Walsh, North Central College (Dr. Mary Jean Lynch, Faculty Sponsor)
This study aimed to cross-culturally examine disordered eating patterns in Scottish and American college students and campus mental health professional's perceptions of effectiveness of ED prevention and intervention. Scottish data is complete and American data is 70 % complete. Differences hypothesized within DE patterns and perceived effectiveness of ED interventions.

1:14 Organizational encouragement's influence on the donor: an assessment of blood donor motivation

Samantha Lapka, University of Missouri (Dr. Ken Sheldon, Milla Titova, Faculty Sponsor)
The function of this study was to compare blood donor groupings, based on relationship to organizations that encourage blood drive participation, to donor motivation. Views on personal and other's motivation were examined. We expect a positive relationship between autonomous motivation scores and donors that do not belong to encouraging organizations.

1:21 The effects of defendants' displays of emotion and crime severity on perceived recidivism

Elizabeth Stromquist, South Dakota State University; Mia Hockel, South Dakota State University; Cambree Huss, South Dakota State University; Princess Baygboe, South Dakota State University; Pirita See, South Dakota State University (Pirita See, Faculty Sponsor)

1:28 Progressive moral foundations and support for mandated vaccinations

Michelle Santiago, Augustana College; Madison Hoffeditz, Augustana

College; Tracy Pham, Augustana College; Audrey Mast, Augustana College (Daniel Corts, Faculty Sponsor)
Our research shows that the moral foundation of Care is associated with pro-vaccination beliefs, especially among those with an external health locus of control. In contrast, the foundation of Purity was associated with anti-vaccination beliefs. Again, this was moderated by health locus of control.

1:35 A Self-Math Overlap Manipulation and its Effect on Math Anxiety
Joseph Pitock, Bradley University (Amy Bacon, Faculty Sponsor)
Math anxiety (MA) has detrimental effects on students, but expressive writing can decrease MA. Self-Math Overlap (SMO) measures the overlap between math and one's sense of self. Its hypothesized that those that expressively write about math should have increased SMO and SMO will mediate the relationship between intervention and MA.

1:42 Vigilance Task Dependent Stress States and Cognitive Fatigue
Ryan Krebs, University of North Dakota; Jessica Van Bree, University of North Dakota (Kyle Bernhardt MA, Dmitri Poltavski, PhD & Thomas Petros PhD, Faculty Sponsor)
This study examined if automated system tasks result in similar stress states to standard vigilance tasks. A successive vigilance task and a generalized flight simulation with automated features were compared. The results indicated that automation results in similar stress states to standard vigilance tasks.

Psi Chi Symposium IV

Thu 2:00PM - 2:50PM   Salon 02

1 APA Academic Career Workshop
Lindsey M. Root Luna, Hope College

Psi Chi Awards Presentation and Reception

Thu 3:30PM - 5:00PM   Adams

1 Psi Chi Awards Presentation and Reception
Lindsey M. Root Luna, Hope College

Psi Chi Poster Session VII

1 Effects of different types of Instagram posts on college-age women's body image
Margaret Fox, University of Missouri-Columbia; Virginia Ramseyer-Winter, University of Missouri-Columbia (Virginia Ramseyer-Winter, Faculty Sponsor)

2 Acts Of Kindness Correlated With College Students' Mood
runzi kang, Denison University; Yi Jiang, Denison University; Mingsheng Li, Denison University; Inasia Belton, Denison University (Robert Weis, Faculty Sponsor)

3 Writing about one's best possible self to influence task persistence
Stephanie Holmes, Xavier University (Dr. Heather McCarren, Faculty Sponsor)

4 Effects of a brief gratitude intervention on happiness and depression
Sarah Hamre, Denison University; Gabrielle Dufresne, Denison University; Joey Semel, Denison University (Robert Weis, Faculty Sponsor)

5 Mindful or full mind?
Karina Weltcheff, University of Wisconsin-La Crosse; Kassidy Veness, University of Wisconsin - La Crosse (Michael Wong, Faculty Sponsor)

6 Predictors of trait accountability: Heart rate variability and self-regulation
Alex Thompson, Hope College; Audrey Theye, Hope College; Miranda Byl, Hope College; Lindsey Medenblik, Hope College; Johan Buurma, Hope College; Taylor Dolan, Hope College; Emily Dodge, Hope College; Anna Hagnner, Hope College; Carley Laird, Hope College; Maxwell Stremler, Hope College; Katrina Clayton, Hope College; Ashley Hayden, Hope College (Lindsey Root Luna, Charlotte vanOyen Witvliet, Faculty Sponsor)

7 Explaining volunteer motivations through Self-Determination Theory and Functional Motives Theory
Ben Bratcher, University of Missouri; Milla Titova, University of Missouri; Kennon Sheldon, University of Missouri, Columbia (Dr. Kennon M. Sheldon, Faculty Sponsor)

8 Give yourself a break: A mixed-methods approach to examining the benefits of self-compassion in college students through correlational data and the Mindfulness Based Flourishing Program
Angela Boice, University of Wisconsin-River Falls; Megan Richards, University of Wisconsin - River Falls; Erin Lunz, University of Wisconsin - River Falls (Todd Wilkinson, Faculty Sponsor)

9 The role of significance and coherence on the experience of meaning
Gregory Woodard, Hillsdale College (Kari McArthur, Benjamin Winegard, Faculty Sponsor)

10 Effects of mindfulness meditation on exam performance
Ben Dumont, University of Wisconsin- La Crosse (Dr. Alex O'Brien, Faculty Sponsor)

11 Effects of country of origin and U.S citizenship status on perceptions of academic success and legal rights of immigrant students
Alan Lozano, Xavier University (Dr.Tammy Sonnentag, Faculty Sponsor)

12 Globalization of indifference: The effects of group biases and proximity to tragedy - PSI CHI AWARD WINNER
Sianne Alexis, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)
This study examines if the geographic closeness of a tragic event influences individuals' indifference toward the victims, when the event affects in- or out-group members. Individuals are expected to demonstrate greater indifference toward geographically distant victims than close victims, particularly when the victims are out-group rather than in-group members.

13 Worth a thousand words?: The effect of photographs on perceived compellingness of positively and negatively framed stories
Camryn Backman, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

14 The effect of location and discreetness on perceptions of public breastfeeding
Olivia Simons, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

15 The effect of performance area on music performance anxiety
Mary Pat Hamzik, Xavier University (Dr. Dalia Diab, Faculty Sponsor)

16 Empathetic donations
Jeremy Lemmon, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville (Trisha K. Prunty, Faculty Sponsor)

17 The effect of threat on color vision.
Jesse Childress, Xavier University (Dr Dalia Diab, Faculty Sponsor)

18 Expecting to be poor: economic threat, desperation, and spending behaviors.
Ashley-Lauren Barrett, Murray State University (Jana Hackathorn, Faculty Sponsor)

19 Influences of Perception of Performance on Actual Performance
Caitlin Klare, Butler University; Meghan Riordan, Butler University; Alexandra Cordill, Butler University; Hellen Kyler, Butler University; Brian Day, Butler University (Brian Day, Faculty Sponsor)

20 Types of Distraction: A Study in Target Accuracy/Precision
Robert Osborne, Lindenwood University; Kevin McGowan, Lindenwood University; Sara Bagley, Lindenwood University (Dr. Sara Bagley, Faculty Sponsor)

21 Trust in Scientific Knowledge and Free Will Beliefs
Emily Dyba, Aurora University (David Rudek, Faculty Sponsor)

22 Effects of labeling a student as learning disabled on evaluation of the student's writing and estimated GPA
Christen Abrams, Mount St. Joseph University (Tim Lawson, Faculty Sponsor)

23 Examination of attitudes toward direct-to-consumer genetic testing in undergraduate students
Michael Baum, Purdue University Northwest; Lindsay Gielda, Purdue University Northwest; Christina Ragan, Purdue University Northwest (Lindsay M. Gielda, Christina Ragan, Faculty Sponsor)

24 Immediacy of Affordance Perception
Shreya Patel, Butler University; Carson Middlebrook, Butler University; Alexander Rydberg, Butler University; Brian Day, Butler University (Brian Day, Faculty Sponsor)

25 Role of cognition in the relationship between body checking and body dissatisfaction
Mekenna Atterholt, Baldwin Wallace University (Dr. Deb Esty, Faculty Sponsor)

26 Olfactory Sensitivity and Depression
Chloe Koeppen, Carthage College (Leslie Cameron, Faculty Sponsor)

27 Creatively Healing Through Art
Madeleine Tolly, Nebraska Wesleyan University (Dr. Mary Beth Ahlum, Faculty Sponsor)

28 Learning Disabilities, Gender, and the Effects of Teacher Bias on Academic Achievement
Emma Esposito, Kenyon College (Dana Krieg, Faculty Sponsor)

29 Can racial biases be identified by facial features
Jeremy Lemmon, Lindenwood University-Belleville; ruth fernandez, lindenwood university belleville; Samuel Pikus, Lindenwood University Belleville; Trisha Prunty, Lindenwood University - Belleville (Trisha Prunty, Faculty Sponsor)

30 Odor Discrimination and Depression
Chloe Guillaume, Carthage College; Alexia Scott, Carthage College; Isaac Oetzman, Carthage College (Leslie Cameron, Faculty Sponsor)

31 Effectiveness of substance use as a form of recovery among college students
Kirstyn Stratton, Manchester University; Ashley Steel, Manchester University; Hailey Rivard, Manchester University; Mary O'Neill, Manchester University; Samantha Deneve, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

32 Assessing the Effects of Fear on the Facilitation of Prejudice
Tori Acton, University of Wisconsin Oshkosh (Aaron Karst, Faculty Sponsor)

33 Can I feel you?: An examination on the relationship between physiological linkage and empathy.
Joia Wesley, Marquette University; Nakia Gordon, Marquette University; Keara Kangas, Marquette University (Nakia Gordon, Faculty Sponsor)

34 The Perception of Public Displays of Affection based on Age and Gender

Lanae Shelly, Baker University (Dr. Sara Crump, Faculty Sponsor)

35 Can reading help us be better people? the effect of reading on wise reasoning

Isadora Baughman, Hope College (Dr. Benjamin Meagher, Dr. Christiana Salah, Faculty Sponsor)

36 Is the performance of an activity influenced by self-confidence? Understanding the need of competence

Ruth Fernandez Berrendo, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville; Diana L. D. Jacobs, Lindenwood University-Belleville (Trisha Prunty, Diana Jacobs, Faculty Sponsor)

37 Mindfulness: Does It Affect Psychopathy & Aggression?

Tracie-Lynn Lamoreux, Iowa State University; Liam Cashin, Iowa State University; Eric Ryder, Iowa State University; Veronica Morenas, Iowa State University; Christian Stornello, Iowa State University; El-Lim Kim, Iowa State University (Douglas Gentile, Faculty Sponsor)

38 Smells like success: Gendered perception of scent and leadership

Megan Lindloff, University of St. Thomas; Kiana Schuchard, University of St. Thomas; Olivia Checkalski, University of St. Thomas; Katelyn Nenovich, University of St. Thomas (Dr. Sarah Hankerson, Faculty Sponsor)

39 Pratfalling in Love: The Effects of Physical and Verbal Pratfalls on Perceived Attractiveness

Sophia Pinz, Truman State University; Christian Ferguson, Truman State University; Lillian Schell, Truman State University; Madeline Gajdosik, Truman State University; Jacklyn Reitz, Truman State University (Sal Costa, Faculty Sponsor)

40 Attitudes toward bisexuality

Baylie Fowler, Lindenwood University (Colleen Biri, Faculty Sponsor)

41 Relationship Status, Stress, and Social Support in University Students

Farah Ghanem, Andrews University (Karl G. D. Bailey and Melissa Ponce-Rodas, Faculty Sponsor)

42 Awe and self-serving bias via the small self
Elise Bernard, Centre College; Madison Malloy, Centre College; Matthew Kassner, Centre College (Matthew Kassner, Faculty Sponsor)

43 Do Prejudice Concerns Undermine Intimacy in Cross-Group Interactions?
Alexandrea Johnson, The Ohio State University; Taylor Ballinger, The Ohio State University; Jane Klinger, The Ohio State University; Steven Spencer, The Ohio State University (Dr. Steven Spencer, Faculty Sponsor)

44 VR induced effects on ingroup/outgroup charity giving
Dominic Nayan, Centre College; Kristen Mulcahy, Centre College; Luis Barreras, Centre College (Matthew Kassner, Faculty Sponsor)

45 Generation Z's view of cohabitation: the importance of relationship length and intensity of connection
Emilie James, Carroll University (Tara Schmidt, Faculty Sponsor)

46 Sentencing Disparity: How much does race and gender matter?
Morgan Casey, University of South Carolina Upstate; Avery Allen, University of South Carolina Upstate (Ann Hoover, Faculty Sponsor)

47 The effect of moral relativism on discounting the morality of ingroups and outgroups
Azl Saeed, Xavier University (Tammy L. Sonnentag, Faculty Sponsor)

47 The Influence of Social Reaction on Help-seeking Behavior
Katja Nielsen, University of Wisconsin Superior (Eleni Pinnow, Faculty Sponsor)

48 The relationship between belief in pure evil and reactive vs. proactive forms of aggression
Lea Gainer, Penn State Abington College (Russell Webster, Faculty Sponsor)

50 Social Support Visibility: Effects on Male Recipients' Mood Under Stress
Thao-Nhi Huynh, Augustana college; Megan Schlebecker, Augustana College; Sara Prier, Augustana College; Mackenzie Peterson, Augustana College (Dr. Austin Williamson, Faculty Sponsor)

51 The effects of facial piercings on attributions
Rebekah Mayer, Morningside College (Dr. Shannon Claxton, Faculty Sponsor)

52 The effect of self-efficacy on metaphorically coping with embarrassment
Emily Hanson, Central College; Jack Jermano, Central College; Ethan St.John, Central College (Ashley Scolaro, Faculty Sponsor)

53 Required Religious Activities, Religious Experiences, and Well-Being
Hyunbee Choi, Andrews University (Karl G. D. Bailey, Faculty Sponsor)

54 I have virtue, but how 'bout you?: Distinguishing the effects of charitable giving and virtue signaling on social media
Karinne Robbins, Kenyon College (Leah Dickens, Patrick Ewell, Faculty Sponsor)

55 The Effect of Natural Hair on Stereotype Activation
Kassidie Harmon, The Ohio State University; Taylor Ballinger, The Ohio State University; Steven Spencer, The Ohio State University (Dr. Steven Spencer, Faculty Sponsor)

56 Individual differences in personal belief
Tyler Jacobson, St. Cloud State University (Brenda N. Buswell, Faculty Sponsor)

57 Do people mispredict the value of handwritten thank-you notes?
Mary Ovan, Elmhurst College (Joshua VanArsdall, Elizabeth Majka, Faculty Sponsor)

58 Institutional religious affiliation and the college experience for LGBQ students
Ivol Frasier, Saint Mary's College (Dr. Bettina Spencer, Faculty Sponsor)

58 Trait and Sexuality Perceptions of Gender-Role Violaters
Ian Williams, John Carroll University; Hannah Djakovich, John Carroll University (John Yost, Faculty Sponsor)

60 Categorical vs continuum view of mental health. Does it impact beliefs?

Karissa Ferguson, The University of Wisconsin-River Falls; Nathan Bienias, The University of Wisconsin-River Falls (Richard Seefeldt, Melanie Ayres, Faculty Sponsor)

61 Social influences on the perception of dark humor
Camila Davila, Augustana College; Shannon Thomas, Augustana College; Richard Fordjour, Augustana College (Dr.Daniel Corts, Faculty Sponsor)

62 Linkages Between Self-Esteem, Perceived Social Support and Sex-Role Orientation
Jenna Alsvig, Luther College (Dr. David Njus, Faculty Sponsor)

63 Going to the dark side: do ostracized individuals avoid non-ideal interaction partners?
Calaudia Kuchan, The Ohio State University; Mitchell Brown, Fairleigh Dickinson University; DONALD SACCO, JR, University of Southern Mississippi; James Wirth, The Ohio State University at Newark (Dr. James Wirth, Faculty Sponsor)

64 Are adolescent binge drinkers more at risk for decreased prosocial helping behavior?
Rachel McLeod, Augustana College (Daniel Corts, Faculty Sponsor)

65 Ambivalent sexism and the metoo movement: Why are victims blamed?
Rianna West, Otterbein University (Cynthia Laurie-Rose, Faculty Sponsor)

66 Empathy Levels in Greek Life Undergraduate Women as a Function of Victimization Experience
Gaelen Joseph, University of Missouri - St Louis (Jennifer Siciliani, Faculty Sponsor)

67 The effect of mortality salience and human-animal cognitive comparison on attitudes towards animals.
Christopher Demeules, St. Cloud State University (Dr. Brenda Buswell, Faculty Sponsor)

68 I'm so embarrassed! Confrontation and motivation predicts responses to implicit racial bias
Alyssa Beckham, Centre College; Lexi Harris, Centre College; Zoe Jones,

Centre College; Karim Kimble, Centre College; Jennifer Goetz, Centre College (Dr. Jennifer Goetz, Faculty Sponsor)

69 Effects of pronoun disclosure on transphobia: Pronouns as cues for non-binary and transfeminine identity
Ashley Turner, DePaul University; Christine Reyna, DePaul University; Kara Harris, DePaul University (Christine Reyna, Faculty Sponsor)

70 Social influence on social media: To endorse or not to endorse?
Kristen Werpy, South Dakota State University; Ted Eining, South Dakota State University; Thomas Stacker, South Dakota State University; Pirita See, South Dakota State University (Pirita See, Faculty Sponsor)

71 The Effect of Lovingkindness and Mindfulness Meditation on Empathy among Grandiose Narcissists
Madelyn Grady, Bradley University; Amanda Riggenbach, Bradley University; Debrah Garcia, Bradley University; Austin Smith, Bradley University; Anthony Hermann, Bradley University (Anthony Hermann Ph.D., Faculty Sponsor)

72 Romantic Resentment: Feelings Regarding Relative Achievement Between Romantic Partners
Dominick Sokotoff, University of Michigan; Jasmine Hamilton, University of Michigan, Ann Arbor; Jennifer Ho, University of Michigan-Ann Arbor; Zachary Reese, University of Michigan - Ann Arbor (Sabrina Thai, Faculty Sponsor)

73 Differences in Stereotypes and Meta-stereotypes of Transgender Persons
Kirstie Camp, University of Kansas; Carrie Sutherland, University of Kansas; Ashley Worley, University of Kansas; Shannon Ayers, The University of Kansas; Hannah Gillum, University of Kansas; Daphnis McPherson, University of Kansas; Erika Simon, University of Kansas; Lauren Miller, University of Kansas (Dr. Anna R.D. Pope, Faculty Sponsor)

74 Different Culture, Different Machismo
Loida Reyes Gomez, Greenville College; Eric Watterson, Greenville University (Eric Watterson, Faculty Sponsor)

75 Prevalence of Early Sexual Debut in Traumatized Sexual Minority Individuals - PSI CHI AWARD WINNER
Noel Scanlon, Cleveland State University; Michaela Steiner, Cleveland State University; Evan Basting, Cleveland State University; Elizabeth Goncy, Cleveland State University; THRiVE Collaborative, Cleveland State University (Elizabeth A. Goncy, Faculty Sponsor)
Despite the previously asserted prevalence of adverse childhood experiences among sexual minority individuals, there is little existing research regarding outcomes such as early sexual debut and the interconnectedness of these variables. A comprehensive view of this interconnectedness could aid in the conceptualization and implementation of effective prevention policy.

76 Racially charged: The impact of ambivalent sexism on Black and White women arrested for prostitution - PSI CHI AWARD WINNER
Aliaa Eldabli, Aurora University (Dr. Renae Franiuk, Faculty Sponsor)
Ambivalent sexism can be applied differentially to White women and Black women. White prostitutes were punished more by those high in benevolent sexism and Black prostitutes were punished more by those high in hostile sexism, adhering to shifting standards based on race and sexist ideals.

77 The problem gamblers: does the race of risk-takers influence perceived recklessness?
Bernardo Duarte, The University of Iowa; James Wages, Northwestern University; Sylvia Perry, Northwestern University (Sylvia Perry, James Wages, Faculty Sponsor)

78 Student perceptions of professors in the classroom
Edith Monceaux, Angelo State University; Tay Hack, Angelo State University (Tay Hack, Ph.D., Faculty Sponsor)

79 Is sexism taking on new forms in movies? An ambivalent sexism perspective
Morgan Brewington, Murray State University; Jana Hackathorn, Murray State University; Alex Valez, Murray State University (Jana Hackathorn, Faculty Sponsor)

80 The effect of social status and gender on obedience to authority
Gage Pemberton, Dakota Wesleyan University (Anne M. W. Kelly, Faculty Sponsor)

81 The Influence of Social Norms on Prejudice Confrontation

Daphne Castro Lingl, Indiana University; Kathryn Kroeper, Indiana University-Bloomington; Mary C. Murphy, Indiana University (Dr. Mary Murphy, Faculty Sponsor)

82 Prenatal and postnatal exposures and child outcomes

Ali Abdallah, Wayne State University; Michael Bankes, Wayne State University; Imran Sheikh, Wayne State University; Jessica Hruschak, Wayne State University; Christine Austin, Icahn School of Medicine at Mount Sinai; Paul Curtin, Icahn School of Medicine at Mount Sinai; Moriah Thomason, New York University; Christopher Trentacosta, Wayne State University (Moriah E. Thomason, PhD, Chris Trentacosta, PhD, Faculty Sponsor)

83 How do Couples Reconcile Overlap in Identity?

Laraine Pesheck, University of Michigan, Ann Arbor; Kristin Orrach, University of Michigan Ann Arbor; Zachary Reese, University of Michigan - Ann Arbor (Robin Edelstein, Faculty Sponsor)

Psi Chi Symposium V

Fri 8:30AM - 9:20AM   Salon 02

1 The inclusive classroom: Putting Psychology's values into practice
Deborah Harris O'Brien, Trinity Washington University

Psi Chi Poster Session VIII

Fri 9:30AM - 10:15AM   Exhibit Hall

1 The effects of awe and a hurry manipulation on prosocial behavior

Alex Frye, Carthage College; Carter Serpe, Carthage College (Kateryna Sylaska, Faculty Sponsor)

2 Is a gift just a gift? Potentially increasing online survey participation via reciprocity

Katherine Krahel, Cardinal Stritch University; Eva Martinez, Cardinal Stritch University (Dr. Terrance Steele, Faculty Sponsor)

3 Why is accountability a struggle for some and not others? Empathy is key

Ashley Hayden, Hope College; Katrina Clayton, Hope College; Jonah Oman, Hope College; Amanda Schultz, Hope College; Isabelle Matthews, Hope College; Emily Peterson, Hope College; Matthew Schuiling, Hope College; William Lake, Hope College (Charlotte vanOyen Witvliet Ph. D., and Gerald Griffin Ph. D., Faculty Sponsor)

4 Different mindsets impact the willingness to be accountable to a real-life supervisor

Ashley Hayden, Hope College; Katrina Clayton, Hope College; Jonah Oman, Hope College; Amanda Schultz, Hope College; Isabelle Matthews, Hope College; Emily Peterson, Hope College; Matthew Schuiling, Hope College; William Lake, Hope College (Charlotte vanOyen Witvliet Ph. D., and Lindsey Root-Luna Ph. D., Faculty Sponsor)

5 Accountability and heart rate variability: an experimental investigation of states

Emily Dodge, Hope College; Taylor Dolan, Hope College; Anna Hagnner, Hope College; Carley Laird, Hope College; Maxwell Stremler, Hope College; Alex Thompson, Hope College; Johan Buurma, Hope College; Miranda Byl, Hope College; Lindsey Mendenblik, Hope College; Audrey Theye, Hope College; Katrina Clayton, Hope College; Ashley Hayden, Hope College (Dr. Lindsey Root Luna, Faculty Sponsor)

6 Well-being while being in virtual reality

Taylor Kotlarek, University of Wisconsin- Oshkosh; Sedona Sieg, University of Wisconsin Oshkosh; Grace Hudson, University of Wisconsin-Oshkosh (Amy Knepple Carney, Faculty Sponsor)

7 The Effect of A Social Support Intervention on Depression and Happiness

Mia Chiappe, Denison University; Felicia Atkinson, Denison University; Juliana Brenner, Denison University (Robert Weis, Faculty Sponsor)

8 Well-Being among Undergraduates given Reports of Optimism and Negative Affect

Maxwell Boyd, University of Missouri-Columbia; Jordan Booker, University of Missouri- Columbia (Jordan Booker, Faculty Sponsor)

9 The relationship between student's attitudes towards debt, perceptions of financial stability, and overall happiness.
Drew Rassett, University of Wisconsin-River Falls; Kelsey Mitchell, University of Wisconsin-River Falls; Melanie Ayres, University of Wisconsin, River Falls (Melanie Ayres, Faculty Sponsor)

10 Flourishing and academic success of college students with depression and anxiety
Eve Chesivoir, Carleton College (Christopher Dallager, Faculty Sponsor)

11 The Relationship between Dopamine and Utilitarian Moral Judgment
Dana Mueller, University of Wisconsin-Platteville (Dr. Kameko Halfmann, Faculty Sponsor)

12 Physiological synchrony in cooperative and competitive tasks
Tabitha Hoey, Augustana College; Alexis Cassani, Augustana College; Cora Habeger, Augustana College; Justin Verlinden, Augustana College; Rupa Gordon, Augustana College (Rupa G. Gordon, Faculty Sponsor)

13 Gene/prenatal stress model and diet effects on litter size and offspring weight in mice.
Mikaela Drewel, University of Missouri; Briana Kille, University of Missouri; David Beversdorf, University of Missouri - Columbia (Briana Kille, David Beversdorf, Faculty Sponsor)

14 Relationship between Emotion Dysregulation and Skin Conductance Response During Trauma and Neutral Imagery in Trauma Survivors
Claire Sheeran, Marquette University; Hailey Begg, Marquette University (Jacklynn M. Fitzgerald, Faculty Sponsor)

15 A phenotypic and polygenic model of ADHD that explains how social skills deficits in these children arise
Sheyenne Tung, University of Wisconsin-Madison (James Li, Faculty Sponsor)

16 Perceived stress, anxiety, and depression and genetic vulnerability expressed by the ADRB1 gene in undergraduate students
Brea Regula, Purdue University Northwest- Hammond; Annabelle Engel, Purdue University Northwest; Brittany Williams, Purdue University

Northwest; Ian Norris, Purdue University Northwest (Christina M. Ragan, Faculty Sponsor)

17 Cannabidiol decreases the depressive, but not the anxiety-related symptoms in an adolescent rodent model of PTSD
Carrissa Multon, Bradley University; Jacob O'Russa, University of Illinois-Urbana Champaign; Sage Beceks, Bradley University; Joseph Pitock, Bradley University; Timothy Koeltzow, Bradley University; Donald Cooper, Bradley University (Timothy Koeltzow, Faculty Sponsor)

18 Remember that party last night? Examining the effects of binge-like alcohol on memory
Anna Thomas, Butler University (Dr. Jennifer Berry, Faculty Sponsor)

19 The Effects of Menstruation and Birth Control Usage on Stress Response
Hennelie Hawes, University of St. Thomas (Sarah Hankerson, Faculty Sponsor)

20 Put on your thinking app: (App)lying smart-device manipulatory-scale spatial tasks to predict ambulatory-scale spatial performance
Paige Smith, Lewis University; Philip Blankenship, Lewis University (Dr. Phil Blankenship, Faculty Sponsor)

21 Sex-Specific Effects of Acute Early Life Stress on Subsequent Fear Memory Incubation and Extinction
Collin Riddle, Miami University; Madeline Booms, Miami University; Catherine Wasylyshyn, Miami University; Ian Stuart, Miami University; Elle Henley, Miami University; Manuel Acuna, Miami University; Sarah Reitz, Miami University; Jennifer Quinn, Miami University (Jennifer Quinn, Faculty Sponsor)

22 Hormonal Control of Alcohol-Induced Aggression in Male Japanese Quail
Zena Maddux, Centre College; Emily Stone, Centre College; Brianna Roberts, Centre College; Izzy Neel, Centre Colllege (Karin Gill, Faculty Sponsor)

23 The Effect of Intermittent Access to Alcohol on Reinforcing Strength
Shunichi Sawamura, Buena Vista University; Steven Beckwith, Buena Vista University (Steven Wesley Beckwith, Faculty Sponsor)

24 Effects of varying levels of methamphetamine exposure on anxiety-like behavior in the open field test, and corticosterone in adolescent and adult mice
Noah Robinson, University of St. Thomas; Jonathan Acevedo, University of St. Thomas (Dr. Jessica Siegel, Faculty Sponsor)

25 The Association Between Timing of Menarche and Cognition in Adulthood
Rachel Horwitz, University of Illinois in Chicago; Ece Kilic, University of Illinois at Chicago; John Bark, University of Illinois at Chicago (Pauline M. Maki, Faculty Sponsor)

26 Weight discrimination within higher education: Weight bias in undergraduates' evaluations of professors
Isadora Baughman, Hope College; Cindy Nguyen, Hope College; Andrea Sweet, Hope College; Lisa Makena Abraham, Hope College (Patricia Roehling, Faculty Sponsor)

27 Is the relationship with our mothers what determines our love style?
Ruth Fernandez Berrendo, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville (Trisha Prunty, Faculty Sponsor)

28 If I am Happy, Are We Happy?
Tracie-Lynn Lamoreux, Iowa State University; Jillian Anderson, Iowa State University; Vanessa Castillo, Iowa State University; Susan Cross, Iowa State University (Susan Cross, Faculty Sponsor)

29 Does Instagram mean instant anxiety? Social media, biased attention, and body image
Megan Lindloff, University of St. Thomas (Dr. Gregory Robinson-Riegler, Dr. Sarah Hankerson, Faculty Sponsor)

30 The Effects of Frustration on Environmental Decision Making
Sophia Pinz, Truman State University; Lillian Schell, Truman State University; Christian Ferguson, Truman State University; Madeline Gajdosik,

Truman State University; Jacklyn Reitz, Truman State University (Salvatore Costa, Faculty Sponsor)

31 Feelings of empowerment on intentions to confront hostile and benevolent sexism
Caitlin Richmond, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

32 Perceptions of Grit
Emily Novak, Elmhurst College (Dr. Jessica Sim, Faculty Sponsor)

33 Rate my professor: Does gender influence students' perceptions of professors' humor use?
Lexy Malecha, University of St. Thomas; Caroline Kilroy, University of St.Thomas; Mary Guillen, University of St Thomas (Dr. Britain Scott, Faculty Sponsor)

34 Perceived social support mediates relationship between social network size and mental health outcomes in older adults
Jenny Zhao, Indiana University (Anne C. Krendl, Faculty Sponsor)

35 How are ethnic differences and resilience related to media use to obtain disaster event information
Ethan Jasper, Andrews University (Harvey Burnett, Faculty Sponsor)

36 Effect of threat and Conservatism on need for simplicity and certainty - PSI CHI AWARD WINNER
Juliette Koepke, John Carroll University (John Yost, Ph.D., Faculty Sponsor)
Manhood is naturally tenuous and requires social proof to maintain. The conservative mindset is marked by intolerance of ambiguity. The present research predicted and found that conservative males (vs. females and liberal males) respond to perceived threat (i.e., societal advances by women) with heightened need for simplicity and certainty.

37 Incidental Social Exclusion: A New Experimental Paradigm
Megan DeLire, DePaul University; Adrian Leon, DePaul University; Andrea Sanders, DePaul University (Verena Graupmann, Faculty Sponsor)

38 Perceptions of Society and People who are Homeless on Homelessness
Helen Bartolon-Gonzalez, Cardinal Stritch University; Triliyah Bowie,

Cardinal Stritch University; Samantha Kuhn, Cardinal Stritch University (Terry Steele, Faculty Sponsor)

39 Homophobia and transphobia as correlates of case judgments in a child sexual abuse case context
Christopher Palmer, The University of Toledo; Quincy Miller, University of Toledo; Kamala London, University of Toledo (Kamala London, Faculty Sponsor)

40 Perceptions of bullshitters and liars: contextual influences
Blair Martin, DePaul University; christopher cole, DePaul University (Dr. Ralph Erber, Faculty Sponsor)

41 The use of degrading and aggressive sexual language in relation to the use of sexually explicit media in college women and men
Eleanor Tetreault, Kenyon College (Dr. Sarah Murnen, Faculty Sponsor)

42 Lecture Questions in American Classrooms vs India Classrooms
Jubileen Kombe, Wittenberg University; Antonia Turner, Wittenberg University (Lauren Crane, Faculty Sponsor)

43 Gender Role Beliefs and Intercultural Relationships
Jessica Bujor, Andrews University (Dr. Karl Bailey, Faculty Sponsor)

44 Perception of masculinity and femininity in simple v. contextual arguments
Juliette Koepke, John Carroll University (John Yost, Ph.D., Faculty Sponsor)

45 Evaluation of a small, rural Indiana county's drug court. - PSI CHI AWARD WINNER
Dalton Bailey, Manchester University (Dr. Peter Martini, Faculty Sponsor)
An evaluation of a small county's drug court was conducted, with a sample of 62 drug court participants and 124 individuals from probation and jail. A logistic regression was used to examine the data. Early findings suggest drug court has lower recidivism than incarceration and possibly probation.

46 Social Mirroring Enhances The Learning Of Statistics For College Students
Steven Montalvo, Northeastern Illinois University; Maureen W. Erber, Northeastern Illinois University; Yeo Eun (Grace) Yun, Northeastern Illinois

University; Christian Palaguachi, Northeastern Illinois University; Suleima Tank, Northeastern Illinois University; Alyssa Mogil, Northeastern Illinois University; Steven Hernandez, Northeastern Illinois University; Ruth Church, Northeastern Illinois University (Maureen Erber, Faculty Sponsor)

47 Gritty college students more likely to take precautionary safety measures - PSI CHI AWARD WINNER
Grace Haring, Miami University; Katherine Knauft, Miami University of Ohio; Vrinda Kalia, Miami University; Grace Good, Miami University; Morgan Maison, Miami University (Dr. Vrinda Kalia, Faculty Sponsor)
This study investigates the relationship of grit, perceived stress, gender, and precautionary measures taken against sexual assault. Grit-perseverance was negatively correlated with perceived stress, but stress was not related to taking precautionary measures. Grittier individuals and women are more likely to take precautionary safety measures against sexual assault.

48 A Link to the Future: Ostracism's Effects on Aggressive Behavior
Josiah Krumm, The Ohio State University at Newark; Melissa T Buelow, The Ohio State University; James Wirth, The Ohio State University at Newark (Melissa T. Buelow, James H. Wirth, Faculty Sponsor)

49 Effects of affirmations: Impact of implicit personality theory on self-efficacy following affirmations about effort and outcome
Ashley Durbin, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

50 How perspective taking affects perceived hirability of higher and lower ses applicants
Kesea Noahr, Xavier University (Dr. Tammy Sonnentag, Dr. Stacey Raj, Faculty Sponsor)

51 Effects of virality and tweet content on message believability and sharing tendencies on Twitter
Katie DeLeon, Xavier University (Dr. Tammy Sonnetag, Faculty Sponsor)

52 The effect of misinformation and race of the perpetrator on the inaccuracy of eyewitness accounts
Rachel Wilson, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

53 Role of knowledge and humility about one's knowledge on moral hypocrisy
Lily Taplin, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

54 An Intervention to Reduce Stigma about Consensual Non-Monogamy
Rachel Harris, University of River Falls Wisconsin; CYNDI KERNAHAN, University of Wisconsin, River Falls (Cyndi Kernahan, Faculty Sponsor)

55 Effects of self-identification on deindividuation and aggression
Hannah Queen, Southern Illinois University Edwardsville; Elora Voyles, Southern Illinois University Edwardsville (Dr. Elora Voyles, Faculty Sponsor)

56 Are perpetrators of inappropriate sexual behaviors also victims?
Grace Howard, Western Illinois University; Nataliya Kytsak, Western Illinois University; Chyanne Davidson, Western Illinois University (Eugene Mathes, Faculty Sponsor)

57 A bad experience: The relationship between regret elements and the sexual double standard
Janessa Garcia, Roosevelt University; Jill Coleman, Roosevelt University; Alana Friedlander, Roosevelt University (Jill Coleman, Ph.D., Faculty Sponsor)

58 Male rape myth - the role of gender role conformity in men's perceptions of male rape
Randi Spiker, Southeast Missouri State University (Dr. Jeremy Heider, Faculty Sponsor)

59 Effects of emotional disclosure on attributions to discrimination and meaning-making
Megan Hussey, St. Olaf College; Laila Rahman, St.Olaf College; Lori Tran, St. Olaf College; Jessica Benson, St Olaf College (Jessica Benson, Faculty Sponsor)

60 Sigma-1 Receptor Antagonist PD144418 Selectively Reduces Female Motivation for Sucrose During Negative Energy Balance
Kelsey Mason, University of Missouri, Columbia (Matthew Will, Faculty Sponsor)

61 Ostracism, Pessimism, & Risk-Taking Behavior
Alyssa McNerney, The Ohio State University at Newark (Melissa T. Buelow,
James H. Wirth, Faculty Sponsor)

**62 Thought Suppression as a Function of Ironic Processing and
Introversion**
Ashlee Daniels, Western Illinois University (Kristine Kelly, Faculty Sponsor)

**63 The Goldilocks' Effect: Determining when eye contact is not too much
or not too little**
Zachary Sparks, The Ohio State University at Newark; Eric Wesselmann,
Illinois State University; DONALD SACCO, JR, University of Southern
Mississippi; James Wirth, The Ohio State University at Newark (James
Wirth, Faculty Sponsor)

64 The effect of priming on empathy and social judgements
Alexis Konda, Dakota Wesleyan University (Anne M. W. Kelly, Faculty
Sponsor)

**65 Are grandiose narcissists more susceptible to the Dunning-Kruger
effect?**
Alec Ducham, Bradley University; Anthony Hermann, Bradley University;
Lane Beckes, Bradley University (Anthony Hermann, Lane Beckes, Faculty
Sponsor)

66 Death Attitudes Measures Validation
Hibah Naseer, University of Michigan- Dearborn; Elise Kwasniewski,
University of Michigan- Dearborn; Zoe Irvin, University of Michigan-
Dearborn; Caitlin Rohroff, University of Michigan- Dearborn; Shayla Smalls,
University of Michigan - Dearborn (Dr. Robert Hymes, Faculty Sponsor)

**67 Peaking through the blinders: examining identity salience on social
distance within professional relationships**
Jillian Wiley, Lindenwood University; Breeanna Slusher, Lindenwood
University (Dr. Stephanie Afful, Faculty Sponsor)

**68 Understanding team cohesiveness and its importance to efficacy and
identity among college athletes**
Brady Schleuter, Dakota Wesleyan University (Anne M. W. Kelly, Faculty
Sponsor)

69 Neuroticism moderates the relationship between authenticity and well-being
Garren Wegener, University of Missouri; Jake Womick, University of Missouri-Columbia; Laura King, University of Missouri, Columbia (Dr. Laura King, Jake Womick, Faculty Sponsor)

70 Is the relationship between religiosity and emotional reactions to religious music mediated by personality?
Jasmine Logan, Andrews University (Karl G. D. Bailey, Faculty Sponsor)

71 Can basic racism education influence perceptions of ambiguously racist situations?
Mitchell Cross, Central College; Angel Del Rio, Central College; Kiera Dixon, Central College; Cynthia Rangel, Central College (Ashley Scolaro, Faculty Sponsor)

72 It's Casual: Relationship between Sociosexuality and Enjoyment of Pornography
Tully Pritchett, Murray State University; Imara Peralta, Murray State University; Morgan Brewington, Murray State University; Jana Hackathorn, Murray State University (Dr. Jana Hackathorn, Faculty Sponsor)

73 In what ways is growth from traumatic events an interpersonal and/or intrapersonal experience?
Rachel Wesley, University of Missouri; Jordan Booker, University of Missouri- Columbia (Jordan A. Booker, Faculty Sponsor)

74 Jazz Hands: Delayed and Synchronous Dance Instruction on Indicators of Prosocial Interaction
Samantha Carter, University of Illinois at Chicago; Indira Reinert, University of Illinois at Chicago; Teresa Borowski, University of Illinois at Chicago; Timothy Carsel, University of Illinois at Chicago; Alexander Demos, University of Illinois at Chicago (Alexander P. Demos, Faculty Sponsor)

75 Demographic Analysis of Bias and Privilege at a Small Midwestern University
Brandon Beaulieu, University of Wisconsin-Stout (Dr. Chelsea Lovejoy, Faculty Sponsor)

76 Beliefs about the Motivational Benefits of Feedback Predict Well-Being
Lindsey Battaglia, The Ohio State University; Tina Nguyen, The Ohio State University; Kentaro Fujita, The Ohio State University (Kentaro Fujita, Faculty Sponsor)

77 'You're fired': Economic threat, social dominance orientation, and immigration Policy
Shayla Cox, Central College (Randall A. Renstrom, Faculty Sponsor)

78 The consequences of anticipated personal vs pro-social consequences on task persistence in college students
Robert Alba, Earlham College (Angel Munoz, Faculty Sponsor)

79 Social media and videos
Melissa Lundgren, University of Wisconsin Green Bay; Ron Vecchie, University of Wisconsin Green Bay (Kathleen Burns, Faculty Sponsor)

80 Black Lives Matter in the #MeToo Movement: The Influence of Race on College Student Perceptions of Sexual Harassment
Mariah Glinski, University of St. Thomas; Meagan Kluver, University of St. Thomas; Erin Bishop, University of St. Thomas (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

81 You may invade my personal space only if you are using a cellphone
Katia Sustayta Castro, Cardinal Stritch University; Markson Samo, Cardinal Stritch University; Sarah Smith, Cardinal Stritch University (Terrance Steele, Faculty Sponsor)

82 Cyberbullying and an unlimited audience: The bystander effect on the web
Rebekah Altonen, John Carroll University (Dr. John Yost, Faculty Sponsor)

83 The sky is falling: the effect of catastrophic news headlines on existential threat and just-world belief
Baker Hodges, University of Missouri - Columbia; Jamie Arndt, University of Missouri - Columbia (Jamie Arndt, Faculty Sponsor)

84 Effects of Reformation Activities on the Perception of Former Prisoners
Eliza Rinck, Baker University (Sara Crump, Faculty Sponsor)

85 The Unfixable Brain: Football Players Confirmation Bias When Presented with Self-Threatening Information about CTE
Carrington Ream, Baker University (Dr. Sara A. Crump, Faculty Sponsor)

86 The Influence of Cross-race and Same-race Stereotypical Behaviors on Perception
Janeane Hernandez, Baker University (Sara Crump, Faculty Sponsor)

Psi Chi Data Blitz Session III

9:30 Defendant Race and Perceptions of Jury Deliberations
Porsche Burns, University of Idaho (Traci Craig, Faculty Sponsor)

9:37 The Pen-pal Exchange Program
Sally Al-Qaraghuli, John Carroll University; Tracy Masterson, John Carroll University (Dr. Tracy Masterson, Faculty Sponsor)

9:44 Loyal friend or dutiful citizen? How culture shapes moral decisions
Jiayin Yuan, University of Michigan - Ann Arbor; Martha Berg, University of Michigan - Ann Arbor; Shinobu Kitayama, University of Michigan; Ethan Kross, University of Michigan, Ann Arbor (Martha Berg, Shinobu Kitayama, Ethan Kross, Faculty Sponsor)
Individuals have a pervasive tendency to protect close others who violate moral norms. Yet it remains unclear whether this tendency is equally prevalent in other cultural contexts. We demonstrate that, although both Americans and Japanese show a bias toward protecting close others, these moral decisions are importantly modulated by culture.

9:51 Impact of hometown size on homophobia and LBGTQ+ allyship
Rebecca Hassebrock, University of Wisconsin Superior (Eleni Pinnow, Faculty Sponsor)
This research tests the relationships between hometown size, homophobia, and allyship. Participants completed a composite survey of three homophobia and allyship scales. A three-way Pearson correlation did not yield significant correlations between hometown size and homophobia or allyship. Limited range of participant ages and hometown sizes may account for results.

9:58 Investigating Stereotype Content Model in Different Situations
Nandita Banik, Grinnell College; Haohao Yu, Grinnell College (Dr. David Lopatto, Faculty Sponsor)
Based on the Stereotype Content Model, we designed a study that measured differences between Asian and Caucasian participants in their willingness to interact with four different target combinations based on race (Asian, Caucasian) and trait combination (high warmth-low competence, low warmth-high competence), across workplace and daily life setting.

10:05 Past to Prejudice: History Education, Prejudice and Intergroup Contact
Daisy Estrada, University of Texas at Arlington (Jared Kenworthy, Faculty Sponsor)

10:12 What can crowdfunding for school shootings victims tell us about social inequalities?
Abigail Lopez, Andrews University (Kristen Witzel, Faculty Sponsor)
Crowdfunding is a great platform for donations and business start-ups, but is it fair? Our study examined crowdfunding campaigns for victims of two high school shootings, and found inequalities related to injury type, age, gender, race, and location of the shooting.

Psi Chi Symposium VI

Fri 9:30AM - 10:20AM   Salon 09

9:30 Graduate Faculty Conversations
Jonathan Hammersley, Western Illinois University

Psi Chi Symposium VIII

Fri 12:30PM - 1:20PM   Salon 02

1 Psi Chi Chapter Success: Student Leadership
Lindsey M. Root Luna, Hope College

Psi Chi Symposium VII

Fri 1:30PM - 2:20PM   Salon 02

1 So You Want to Be a Graduate Student? An Inside Look
Bryant Stone, Southern Illinois University Carbondale

Psi Chi Symposium IX

Fri 2:30PM - 3:20PM   Salon 01

1 Psi Chi Chapter Success: Advisor Leadership
Lindsey M. Root Luna, Hope College

Psi Chi Awards Presentation and Reception

Thursday, 3:30PM – 4:50PM   Adams

Hosts: Lindsey Root Luna, Hope College (Midwestern Vice President, Psi Chi); Eric Landrum, Boise State University (Past President, Psi Chi); Martha Zlokvich, (Executive Director, Psi Chi); & the Psi Chi Midwestern Steering Committee: Jamie Bromley, Franklin College; Jonathan Hammersley, Western Illinois University; Anna Lanholz, Hope College; David Kreiner, University of Central Missouri; Tyler Miller, South Dakota State University; Bryant Stone, Southern Illinois 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 4:00pm.

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).

Alabama
Birmingham-Southern College – Shane Pitts

Arkansas
University of Arkansas, Fayetteville – Joel S. Freund

California
University of California-Santa Cruz – Anthony R. Pratkanis
California Lutheran University – Amanda ElBassiouny

Colorado
Colorado State University, Fort Collins – Justin Lehmiller
Metropolitan State College of Denver – Lesley Hathorn
University of Denver – Paige Lloyd

Georgia
Georgia Institute of Technology, Atlanta – Randall Engle
Georgia Southern University, Statesboro –
Kennesaw State University, Kennesaw – Christopher K. Randall

Idaho
Boise State University, Boise – Ronald Eric Landrum

Illinois
Adler School of Professional Psychology – Laruen Calderon
Aurora University, Aurora – David Rudek
Benedictine University – Kelly Kandra
Black Hawk College, Moline – Brigette Dorrance
Bradley University, Peoria – Claire Etaugh
Chicago Medical School, North Chicago – Lawrence C. Perlmuter
The Chicago School of Professional Psychology – Kerri Bradley-Ronne
Chicago State University, Chicago – Tonya Hall
College of DuPage – Elizabeth Arnott-Hill
College of Lake County – Martha J. Lally
Concordia University - Chicago – Beth Venzke
DePaul University, Chicago – Ralph Erber
Eastern Illinois University, Charleston – Gary Canivez
Elmhurst College, Elmhurst – Kathleen Sexton-Radek

Eureka College – Alexander B. Swan
Governors State University – Sasha N. Cervantes
Illinois Institute of Technology, Chicago – Elisabeth Batchos
Illinois School of Professional Psychology, Chicago – Sue Bae
Illinois School of Professional Psychology, Schaumburg – Aryn Bostic
Illinois State University, Normal – John Pryor
Illinois Wesleyan University – Marie Nebel-Schwalm
Lake Forest College – Vivian Ta
Lewis University, Romeoville – Susan Sheffer
Lindenwood University - Belleville – Trisha K. Prunty
Loyola University, Chicago – Scott Tindale
McKendree College – Linda Hoffman
Midwestern University – Richard Ney
Millikin University, Decatur – Rene Verry
Monmouth College, Monmouth – Tara P. McCoy
North Central College, Naperville – Daniel VanHorn
North Park University, Chicago – Elizabeth Gray
Northeastern Illinois University, Chicago – Maureen Wang Erber
Northern Illinois University, DeKalb – Douglas Wallace
Northwestern University, Evanston – David Uttal
Olivet Nazarene University, Bourbonnais – Kristian M. Veit
Roosevelt University, Chicago – Susan Torres-Harding
Rosalind Franklin University of Medicine and Science – Steven Miller
St. Xavier University, Chicago – Angela Pirlott
Southern Illinois University, Carbondale – Meera Komarraju
Southern Illinois University, Edwardsville – J. Thad Meeks
University of Chicago – Dario Maestripieri
University of Illinois, Chicago –
University of Illinois-Springfield – Carrie Switzer
University of St. Francis, Joliet –
Western Illinois University, Macomb – Kristine Kelly

Indiana
Ball State University, Muncie – Michael Tagler
Bethel College – Terry Chi
Butler University, Indianapolis, Brain Giesler
DePauw University, Greencastle – Susanne Biehle
Earlham College – Rachael D. Reavis
Franklin College, Franklin – Jamie Bromley
Hanover College, Hanover – Ellen Altermatt
Indiana State University, Terre Haute – June Sprock
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, Fort Wayne – Dan Miller

Indiana University – Purdue University Indianapolis – Leslie Ashburn-Nardo
Indiana University Southeast, New Albany – Donna Dahlgren
Indiana Wesleyan University – Christopher Devers
Manchester University – Marcie Coulter-Kern
Purdue University, West Lafayette – Thomas S. Reddick
Saint Mary's College, Notre Dame – Rebecca Stoddart
University of Notre Dame, Notre Dame – Dan Lapsley
University of Saint Francis – Mike Martynowicz
Valparaiso University, Valparaiso – Daniel Arkkelin

Iowa
Central College, Pella – Randall Renstrom
Clarke University, Dubuque – Olivia Aspiras
Coe College –
Cornell College, Mt. Vernon – William Dragon
Grand View University – Joshua Woods
Grinnell College – Laura Sinnett
Iowa State University, Ames –
Loras College – Julia Omarzu
Luther College, Decorah – David M. Njus
Morningside College, Sioux City – Larry David Sensenig
Simpson College, Indianola – Sal Meyers
St. Ambrose University, Davenport – Robin Anderson
University of Iowa, Iowa City – Edward A. Wasserman
University of Northern Iowa, Cedar Falls – Linda Walsh
Wartburg College, Waverly – Cynthia Bane

Kansas
Benedictine College, Atchison –
Fort Hays State University, Hays – Carol Patrick
Kansas State University, Manhattan – Don Saucier
Kansas Wesleyan University, Salina – Steve Hoekstra
Pittsburg State University, Pittsburg – Gwen Murdock
University of Kansas, Lawrence – Nyla R. Branscombe
Washburn University, Topeka – Cynthia Wooldridge

Kentucky
Centre College, Danville – KatieAnn Skogsberg
Morehead State University, Morehead – Laurie Couch
Northern Kentucky University, Highland Heights – Kathleen Fuegen
Transylvania University, Lexington – Iva Katzarska-Miller
University of Kentucky, Lexington – Michael Bardo
University of Louisville – Marci DeCaro

Massachusetts
Framingham State University – Phoebe Lin

Northeastern University, Boston – Stephen Harkins
Simmons University – Megan K. McCarty

Michigan
Central Michigan University, Mt. Pleasant – Roger Van Horn
Eastern Michigan University, Ypsilanti – Natalie Dove
Ferris State University, Big Rapids – Christopher Redker
Grand Valley State University – Kristy Dean
Hillsdale College – Kari McArthur
Hope College, Holland – Carrie Bredow
Michigan State University, East Lansing –
Michigan Tech University – Susan Amato-Henderson
Olivet College, Olivet – Dina Battaglia
Rochester University – Robyn Siegel-Hinson
Saginaw Valley University, University Center – Jeanne Malmberg
University of Detroit Mercy, Detroit – Steven Abell
University of Michigan, Ann Arbor – Allison Earl
University of Michigan, Dearborn – Robert W. Hymes
University of Michigan, Flint – Jeannette Stein
Wayne State University, Detroit –

Minnesota
Augsburg College – David Matz
Aurora University – Christina Krause
Bemidji State University, Bemidji – Kathryn R. Klement
College of Saint Benedict/Saint John's University, St. Joseph –
Concordia College – Mona Ibrahim
Gustavus Adolphus College, St. Peter – Jennifer Ackil
Hamline University, St. Paul – Dorothee Dietrich
Metropolitan State University, St. Paul – Mark Stasson
Minnesota State University, Mankato – Emily Stark
St. Catherine University, St. Paul – Andrea Olson
St. Cloud State University, St. Cloud – Chris Jazwinski
St. Olaf College, Northfield – Grace Cho
St. Thomas University, St. Paul – John Buri
Southwest Minnesota State University, Marshall – Corey Butler
University of Minnesota, Duluth – Scott Carlson
University of Minnesota, Morris – Dennis Stewart

Missouri
Avila University, Kansas City – Jordan Wagge
Columbia College – Gretchen Hendrickson
Lindenwood University – Rebecca Foushee
Missouri State University – Amber Abernathy
Maryville University – Dustin R. Nadler
Missouri University of Science and Technology – Devin Burns & Amber Henslee

Missouri Western State College, St. Joseph – Brian C. Cronk
Park University, Parkville – Andrew Johnson
Saint Louis University – Ruth Warner
Southeast Missouri State University, Cape Girardeau – Jeremy D. Heider
Truman State University, Kirksville – Karen Vittengl
University of Central Missouri, Warrensburg – David Kreiner
University of Missouri, Columbia – Nicole Campione-Barr
University of Missouri, St. Louis – Matthew Taylor
Washington University, St. Louis – Randy J. Larsen
Westminister College, Fulton – David K. Jones

Nebraska
Chadron State College, Chadron – Mary Jo Carnot
College of Saint Mary – Molly Mahoney
Creighton University – Thomas Budesheim
Hastings College, Hastings – Chuck Eigenberg
Nebraska Wesleyan University, Lincoln – Abigail A. Mitchell
University of Nebraska, Lincoln – Cynthia Willis-Esqueda
University of Nebraska, Omaha – Carey Ryan
Wayne State College, Wayne – Karen E. Walker

New York
State University of New York, Albany – Jeanette Altarriba
State University of New York, Fredonia – Jack S. Croxton
Syracuse University – Stanislav Treger
University at Buffalo – Kenneth DeMarree

North Carolina
University of North Carolina, Greensboro – Paul Silvia

North Dakota
North Dakota State University, Fargo – Verlin Hinsz
University of North Dakota, Grand Forks – Thomas Petros
University of Mary, Manisha Sawhney

Ohio
Ashland University, Ashland – Mitchell Metzger
Case Western Reserve University, Cleveland – Robert L. Greene
Cleveland State University, Cleveland – Conor T. McLennan
College of Mount St. Joseph, Cincinnati – James H. Bodle
College of Wooster, Wooster – Amber Garcia
Denison University, Granville - Robert Weis
Findlay University – Andrea Mata
Heidelberg University – Virginia Gregg
John Carroll University – Angie Jones
Kent State University, Kent – William Merriman

Marietta College, Marietta – Mark E. Sibicky
Miami University of Ohio, Oxford – Jonathan Kunstman
Muskingum University, New Concord – Larry Normansell
Oberlin College, Oberlin – Norman Henderson
Ohio State University, Columbus – Richard Petty
Ohio State University, Mansfield – Terri Fisher
Ohio University – Kimberly Rios
Shawnee State University – Darrell Rudmann
Stark State College – Bryan Gerber
University of Akron, Akron – Wondimu Mohammed
Ursuline College, Pepper Pike – Christopher L. Edmonds
Walsh University, North Canton – Nina Rytwinski
Wittenberg University, Springfield –
Wright State University, Dayton – Martin Gooden
Xavier University – Tammy Sonnentag
Youngstown State University, Youngstown – Karen Giorgetti

Oklahoma
Cameron University, Lawton – John Geiger
University of Oklahoma, Norman – Kirby Gilliland

Oregon
Linfield College, McMinnville – T. Lee Bakner

Pennsylvania
Gannon University, Erie – Michael Sadler
Penn State University Abington – Russell Webster
Slippery Rock University of Pennsylvania – Linda Veronie
St. Vincent College – Devin Fava
Seton Hill College, Greensburg – Lawrence L. Jesky
Susquehanna University – James Briggs
Widener University, Chester – Karen Rose

South Carolina
The Citadel, Charleston – 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, Austin – Bertram Gawronski
University of the Incarnate Word, San Antonio – Harold Rodinsky

Virginia
Washington and Lee University, Lexington – Julie Woodzicka

Washington, D.C.
Howard University – Lloyd Ren Sloan

Wisconsin
Beloit College, Beloit – Greg Buchanan
Cardinal Stritch University – Trevor Hyde
Carroll University, Waukesha – Tara Schmidt
Carthage College – Anthony Barnhart
Edgewood College – David Lambert
Lakeland College – Elizabeth Stroot
Lawrence University, Appleton – Beth A. Haines
Marquette University, Milwaukee – Michael Wierzbicki
Medical College of Wisconsin – Terri deRoon-Cassini
Mount Mary University – Laurel End
Ripon College, Ripon – J. Timothy Petersik
St. Norbert College – Paul Y. L. Ngo
University of Wisconsin Colleges, UW Barron County –
University of Wisconsin, Eau Claire –
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, Oshkosh – Lee I. McCann
University of Wisconsin, Platteville –
University of Wisconsin, River Falls – Abigail Jackson
University of Wisconsin, Stevens Point – Craig Wendorf
University of Wisconsin-Stout, Menomonie – Sarah Wood
University of Wisconsin, Superior – Eleni Pinnow
University of Wisconsin, Whitewater – Sasha Karnes

West Virginia
Fairmont State University, Fairmont – Zach Moore
Marshall University, Huntington – April Fugett

CANADA
Ontario
Carleton University, Ottawa – John Zelenski

BOSNIA
International University of Sarjevo - Giovanni F. Misceo

NOTES

NOTES

Author and Moderator Index