PROGRAM

NINETY-FIRST ANNUAL MEETING

MIDWESTERN PSYCHOLOGICAL ASSOCIATION

APRIL 11-13, 2019

CHICAGO

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MPA Program

NEXT YEAR'S MEETING

April 23-25, 2020, 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	*Psi Chi:* 8:00-8:45 Posters I (p. 300) 8:50-10:35 Posters II (p. 313) 9:40-10:25 Posters III (p. 324)	*Psi Chi:* 10:30-11:15 Posters IV (p. 336) 11:20-12:05 Posters V (p. 348) 12:10-12:55 Posters VI (p. 362)
Adams		
Crystal	*MPA Invited Presidential Address*: Ethan Cross (p. 37)	10:30 *APA Distinguished Scientist Lecture*: Simine Vazire (p. 53) 11:30 *MPA Invited Presidential Address*: Leandre R. Rabrigar (p. 53)
Chicago	*SYM: Religious De-Identification* (p. 33)	Prejudice I (p. 37)
Salon 1	Individual Differences (p. 29)	Person Perception and Personality (p. 48)
Salon 2	*Psi Chi Symposium:* 8:30 Start Strong (p. 299) 9:30 Getting into Grad School (p. 299)	*Psi Chi Symposium:* 10:30 What to know RE GRE (p. 299) 11:30 Psi Chi is for you! (p. 300)
Salon 3	*SYM: Psychological and Physical Health in Couples: Implications for Couple Psychotherapy* (p. 36)	Close Relationships Maintenance (p. 45)
Salon 4/9	Physiological Psychology (p. 31)	Drugs and Choice (p. 50)
Salon 5/8	The Self (p. 28)	Emotion (p. 47)
Salon 6/7	Attitudes I (p. 23)	Ostracism & Belonging (p. 42)
Salon 10	Adult Psychopathology (p. 25)	*SYM: Social Support and Coping with Psychological Distress and Trauma (p. 54)*
Salon 12	Cognition, Language and Reading (p. 32)	Cognitive & Visual Attention (p. 51)
Indiana	Statistics, Data, and Measurement (p. 26)	Trauma, Neglect, and Related Issues (p. 43)
Kimball	*SYM: Applying Psychological Theory to Legal Decisions* (p. 34)	*SYM: Approach to Graduate Psychology Applications* (p. 55)
Logan		Intra- and Interpersonal Factors Related to Well-Being (p. 40)

Thursday Afternoon

Registration in Exhibit Hall 7:30AM-5:000PM

Room	1:00PM – 2:50PM	3:00PM – 4:50PM
Exhibit Hall	Applied Social Psychology Posters (p. 57)	Cognitive Psychology Posters (p. 97)
Adams		3:30 *Psi Chi* Awards and Reception (p. 377)
Crystal	*MPA Invited Presidential Address*: Nelson Cowan (p. 90)	
Chicago	Attitudes II (p. 78)	Persuasion (p. 111)
Salon 1	Applied Social: Measurement (p. 86)	Workplace Functioning (p. 120)
Salon 2	*Psi Chi Symposium:* 12:30 Data Blitz I (p. 374) 2:00 Success as Grad Researcher (p. 300)	NSF Funding and Insights (p. 96)
Salon 3	Political Psychology (p. 84)	Interests, Motivations, & Emotions (p. 116)
Salon 4/9	Stress & Hormones (p. 88)	Cognitive Neuroscience (p. 121)
Salon 5/8	Friendship Dynamis (p. 85)	Psychological Health (p. 118)
Salon 6/7	Thinking about ourselves and our groups (p. 80)	Thinking about Others: Social Cognition & Interpersonal Bonds (p. 112)
Salon 10	*SYM: Depression and Anxiety: (p. 56)*	Intervention, Empathy, Morality (p. 115)
Salon 12	*INV SYM: Math Cognition on Academic Outcomes (p. 91)*	Stereotyping I (p. 109)
Indiana	*SYM: Mindfulness & Related Skills Associated with Proximal and Distal Outcomes* (p. 74)	*SYM: Child Anxiety: Parent and Child Cognitive Risk and Protective Factors* (p. 93)
Kimball	Diversity and Belonging (p. 75)	*SYM: Sexual Harassment and Objectification of Women* (p. 95)
Logan	Diverse Perspectives & Health (p. 76)	Developmental Social Psychology (p. 114)
Wilson	Cognitive, Learning & Education I (p. 82)	*SYM: The Contagion of Violence in Multiple Contexts (p. 92)*

Social Hour: 5:00PM – 7:00PM

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

Friday Morning

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

Room	**8:30AM – 10:20AM**	**10:30AM – 12:20PM**
Exhibit Hall	8:30-9:15 Psi Chi Posters VII (p. 383) 9:30-10:15 Psi Chi Posters VIII (p. 394)	Clinical & Social Developmental Posters (p. 135)
Red Lacquer		*Psi Chi Lecture:* Alice Eagly (p. 381)
Crystal	*MPA Invited Presidential Address*: *Betsy Hoza* (p. 132)	*STP Invited Address*: Brad Bushman (p. 268)
Chicago	Prosocial Behavior (p. 125)	*SYM: Recent Advances in Social Categorization Research* (p. 162)
Salon 1	*INV SYM: Body Image: Considerations of Lifespan, Gender, and Cultural Diversity.* (p. 133)	Adaptive and Maladaptive Outcomes in Childhood and Adolescence (p. 153)
Salon 2	*Psi Chi Symposium:* 8:30 Grad Student: Inside look (p. 378) 9:30 Data Blitz II (p. 379)	*INV SYM: Careers and Pursuits in Public Service, Civic Engagement, Non-Academic Writing, and Applied Research (p. 161)*
Salon 3	*SYM: Personality, Cognition & Gender Norms: Biases in Orientations to Environment (p. 129)*	Sexual Orientation & Relationships (p. 152)
Salon 4	*STP Roundtable (p. 269, 276)*	
Salon 5/8	*SYM: Psychology of Social Change (p. 130)*	Stereotyping II (p. 150)
Salon 6/7	Political Polarization (p. 126)	Close Relationships (p. 155)
Salon 9	8:30 Psi Chi Roundtables (p. 378) 9:30 Psi Chi Roundtables (p. 378)	
Salon 10	Alcohol Addiction (p. 127)	Psychology of Religion (p. 157)
Salon 12	Cognition and Aging (p. 128)	Working Memory and Attention (p. 158)
Wilson	Psi Beta (p. 134) Assisting Non-Traditional Students	AHDP Chairs Session (p. 160)
Indiana Kimball Logan Madison Marshfield	*Division 27: Society for Community Research and Action Symposia and Roundtables* (p. 283)	

Friday Afternoon

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

Room	**1:00PM – 2:50PM**	**3:00PM – 4:50PM**
Exhibit Hall	1:00-2:50 Neuro Posters (p. 163) 1:00-1:50 STP Posters (p. 270) 2:00-2:50 SCRA Posters (p. 290)	
Red Lacquer	*MPA Invit*ed Address: Jennifer Eberhardt (p. 176)	*MPA Award Ceremony and Presidential Address* Duane Wegener (p. 177)
Crystal		
Chicago		
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Salon 2	2:00 Psych Degree in Workforce (p. 382)	
Salon 3		
Salon 4		
Salon 5/8	*Thinking About The Social World; Biases, Processes, & Implications* (p. 171)	
Salon 6/7	*STP Roundtables (276)*	
Salon 9	2:00 Research with Psi Chi (p. 382)	
Salon 10	*INV SYM: New Directions in Pain Research: Mechanism and Treatment* (p. 170)	
Salon 12	Cognitive Development (p. 174)	
Wilson	*WORKSHOP: Training Better Scientists* (p. 176)	
Indiana	12:30 *Society for Community Research and Action: Symposia and Roundtables* (p. 287)	
Kimball		
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. 188)	Social Psychology Posters II (p. 214)	Clinical & Developmental Posters II (p. 246)
Adams	*MPA Invited Presidential Address*: Barbara Anderson (p. 209)	*MPA Invited Presidential Address*: Wendy Wood (p. 241)	
Crystal	*STP Invited Address*: Andrew Butler (p. 277)	*STP Invited Address*: Judith Harackiewicz (p. 277)	
Salon 1	*SYM: Understanding Trauma's Impact on Women* (p. 186)	Alcohol and Substance Use (p. 239)	Social Policy, Community Engagement, and the Law (p. 263)
Salon 2	*SYM: Experiencing Violence: From Laboratory to Community* (p. 185)	*WORKSHOP: Meta-analyses small and large* (p. 241)	*SYM: Discrimination and Mental Health Among University Students of Color* (p. 244)
Salon 3	Self-regulation and Goal Pursuit (p. 182)	Existential Psychology (p. 211)	*SYM: Transgender & Racial Microaggressions* (p. 243)
Salon 4	*STP Symposia & Roundtables (p. 278)*	*SYM: Stigma Beliefs Among Perceivers & Targets Living with Mental Illness* (p. 212)	*STP Symposia & Roundtables (p. 280)*
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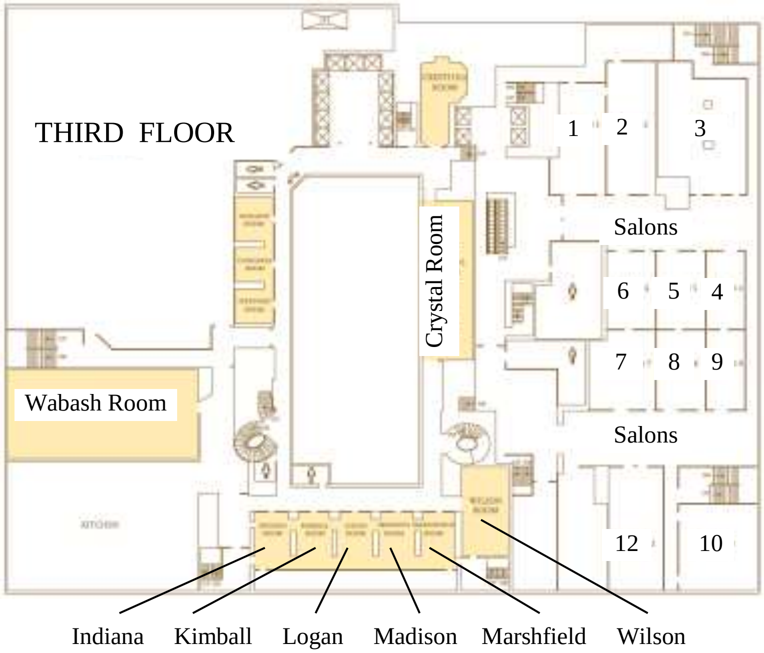
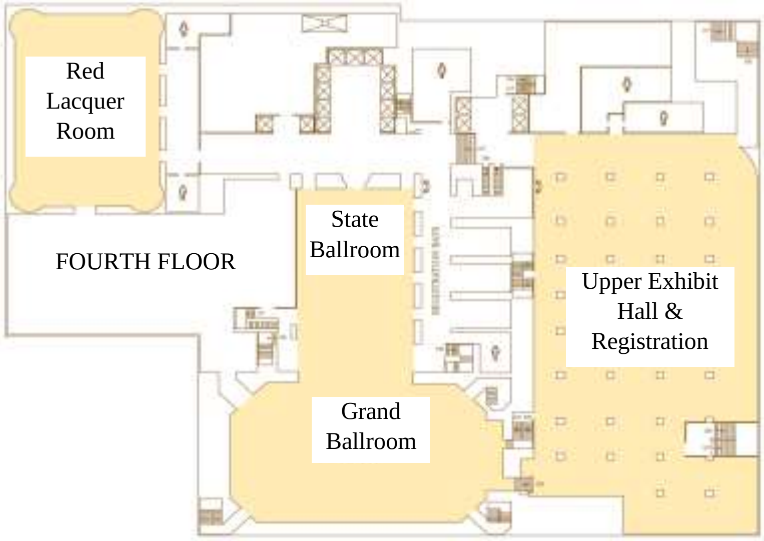
Salon 6/7	Applied Social: Student Success (p. 206)	Social Judgment & Decision Making (p. 236)	Prejudice II (p. 260)
Salon 9	*STP Symposia & Roundtables (pp. 279)*		
Salon 10	Cognitive, Learning & Education II (p. 204)	Memory I (p. 235)	Memory II (p. 258)
Salon 12	Spatial Cognition & Perception (p. 184)	*SYM: Evolutionary perspectives on adaptive/survival memory* (p. 213)	Cognition & Language (p. 242)

The *Call for Papers* for next year's meeting (April 23-25, 2020) will be posted September 1, 2019 at www.midwesternpsych.org.

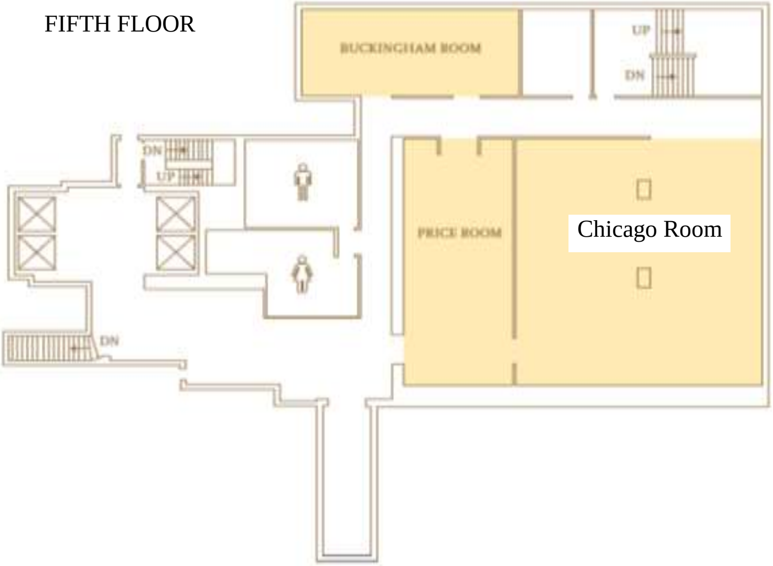
MAPS OF MEETING ROOMS



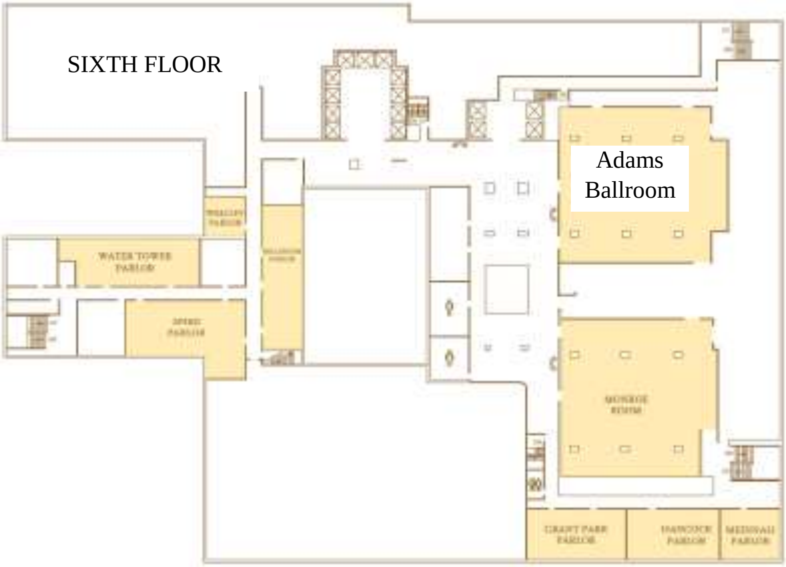


MAPS OF MEETING ROOMS

FIFTH FLOOR



SIXTH FLOOR



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

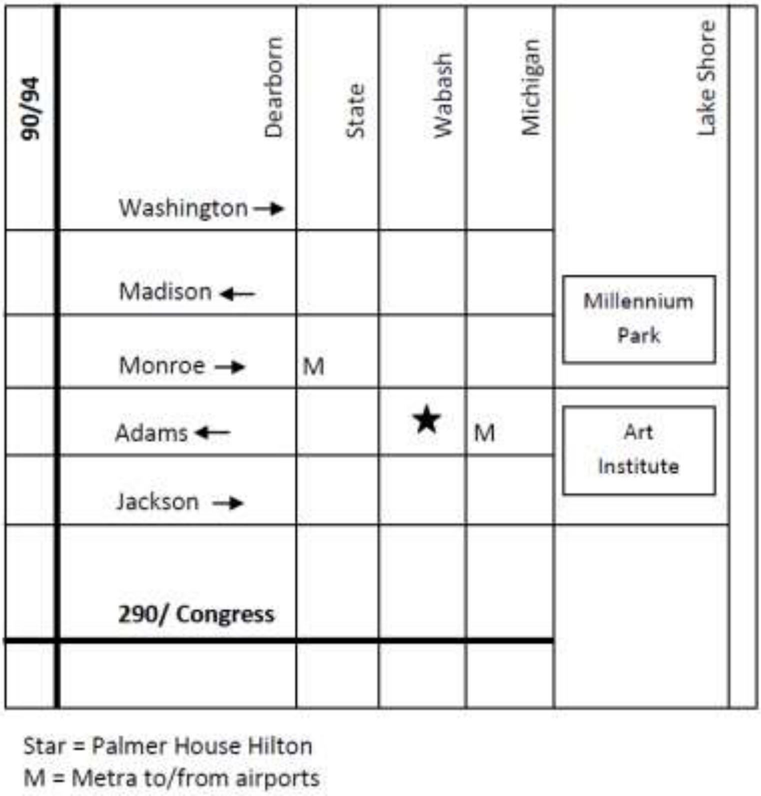
Information about Chicago

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



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 thanks the Education & Science Directorates of the American Psychological Association for their financial support of this year’s meeting.

MPA Officers
President: Duane T. Wegener, The Ohio State University

Past-President: Linda J. Skitka, University of Illinois at Chicago

President-Elect: Ximena Arriaga, Purdue University

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Council Member: Heather M. Claypool, Miami University

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Treasurer: Daren Kaiser, Indiana University-Purdue University Fort Wayne

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Kimberly Rios – Ohio University

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Jeanette Altarriba – SUNY Albany (2018-2020)
Stephanie Cacioppo – University of Chicago (2018-2020)
Heather Claypool – Miami University (2017-19)
Amanda Dykema-Engblade – Northeastern University (2019-2021)
Shira Gabriel – State University of New York Buffalo (2019-2021)
Verena Graupmann – DePaul University (2019-2021)
Elizabeth Kiel Luebbe – Miami University (2017-19)
Robyn Mallett – Loyola University of Chicago (2017-19)
Dennis K. Miller – University of Missouri (2017-19)
Marie Nebel-Schwalm – Illinois Wesleyan University (2019-2021)
Thomas Redick – Purdue University (2019-2021)
Doug Wallace – Northern Illinois University (2018-2019)
Jim Wirth – The Ohio State University at Newark (2019-2021)

2020 Program Moderator will be Melissa Buelow – The Ohio State University Newark

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
Abington, PA 19001
Phone: 215-881-7479
Email: mjb70@psu.edu

2019 GRADUATE STUDENT PAPER AWARDS

Tuyen Dinh, Indiana University Purdue University Indianapolis
Acute Power Unleashes Nonsexist People to Harass

Pete Ondish, University of Illinois at Urbana-Champaign
Ideological Differences in Using Social Class Categories to Organize Society

Gabriel Velez, University of Chicago
Boosting Empathy: A Story-telling Intervention with High School Students

Emily Errante, Northern Illinois University
Sex Differences in Motivation using an Effort-Related Decision Making Task

Mark Susmann, The Ohio State University
The Role of Discomfort in the Continued Influence of Misinformation

Tania Morales, Ball State University
Cross-cultural Differences in the Use of Emoticon and Emoji

NEW MPA FELLOWS

Mark Alicke – Ohio University
Amy B. Brunell – The Ohio State University at Mansfield
Melissa T. Buelow – The Ohio State University at Newark
Adrienne Carter-Sowell – Texas A&M University
Jason K. Clark – Purdue University
Katherine S. Corker – Grand Valley State University
Allison Earl – University of Michigan
Jana Hackathorn – Murray State University
Tara K. MacDonald – Queen’s Unniversity
Dario Maestripieri – The Universitity of Chicago
David C. Matz – Augsburg University
Diane M Reddy – University of Wisconsin-Milwaukee
Roger N. Reeb – University of Dayton
Donald Saucier – Kansas State University
Christine M. Smith – Grand Valley State University
Jennifer Tehan Stanley – The University of Akron
Renée M. Tobin – Temple University
Daryl R. Van Tongeren – Hope College
Susan Torres-Harding – Roosevelt University

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

MPA PAST PRESIDENTS

1928 Adam R. Gilliland
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

EXHIBITORS

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Society in Psychology

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College

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Suicide Prevention

Marshall University

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Elmhurst College

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Psychological Science

Tiffin Univeristy

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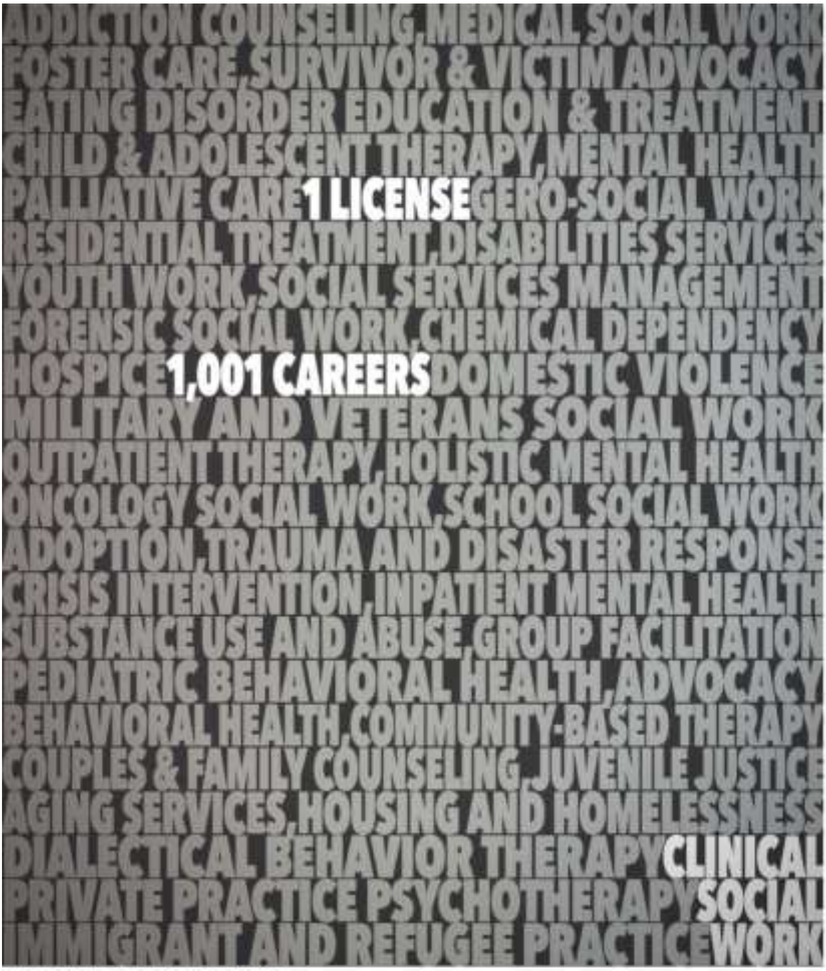
US Army Recruiting

The Psych Store


ADDICTION COUNSELING, MEDICAL SOCIAL WORK
FOSTER CARE, SURVIVOR & VICTIM ADVOCACY
EATING DISORDER EDUCATION & TREATMENT
CHILD & ADOLESCENT THERAPY, MENTAL HEALTH
PALLIATIVE CARE 1 LICENSE GERO-SOCIAL WORK
RESIDENTIAL TREATMENT, DISABILITIES SERVICES
YOUTH WORK, SOCIAL SERVICES MANAGEMENT
FORENSIC SOCIAL WORK, CHEMICAL DEPENDENCY
HOSPICE 1,001 CAREERS DOMESTIC VIOLENCE
MILITARY AND VETERANS SOCIAL WORK
OUTPATIENT THERAPY, HOLISTIC MENTAL HEALTH
ONCOLOGY SOCIAL WORK, SCHOOL SOCIAL WORK
ADOPTION, TRAUMA AND DISASTER RESPONSE
CRISIS INTERVENTION, INPATIENT MENTAL HEALTH
SUBSTANCE USE AND ABUSE, GROUP FACILITATION
PEDIATRIC BEHAVIORAL HEALTH, ADVOCACY
BEHAVIORAL HEALTH, COMMUNITY-BASED THERAPY
COUPLES & FAMILY COUNSELING, JUVENILE JUSTICE
AGING SERVICES, HOUSING AND HOMELESSNESS
DIALECTICAL BEHAVIOR THERAPY CLINICAL
PRIVATE PRACTICE PSYCHOTHERAPY SOCIAL
IMMIGRANT AND REFUGEE PRACTICE WORK

THURSDAY, APRIL 11, 2019

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

Attitudes I

Thu 8:30AM - 10:20AM Salon 6/7
Moderator: Andrew Hales, University of Virginia

8:30 Individual Differences in Attitude Change: Personal Attitude Stability Scale
Mengran Xu, The Ohio State Univeristy; Jeremy Gretton, Ohio State University, Columbus; Pablo Brinol, Ohio State University; Richard Petty, Ohio State University, Columbus; Derek Rucker, Northwestern University; Zakary Tormala, Stanford University
This research finds evidence for measurable individual differences in people’s attitude stability. The 11-item Personal Attitude Stability Scale (PASS) has good internal factor structure, test-retest reliability, and reasonable convergent and discriminant validity. Studies showed that PASS predicted attitude stability following a delay period across a variety of topics.

8:45 Accessibility of attitudes toward political categories predicts voting preferences
Alison Young, Olivet Nazarene University
Accessibility of attitudes toward Democrat vs. Republican political categories was measured. Participants rated likelihood to vote for democrat/republican candidates. An HLM predicting voting likelihood from political attitude accessibility suggested participants with more (less) accessible positive attitudes toward the Democrat category reported higher (lower) likelihood to vote for Democratic candidates.

9:00 Introducing the Structural Moral Basis of Attitudes
Aviva Philipp-Muller, The Ohio State University; Duane T. Wegener, The Ohio State University; Richard Petty, Ohio State University, Columbus

We developed a new measure to assess the structural moral basis of attitudes: the correspondence between the evaluative implications of participants' moral beliefs and their attitudes toward a topic. Structural moral basis predicted greater reading efficiency of moral (vs. practical) content, even controlling for traditional subjective measures of moral basis.

9:15 Mere Thought Affecting Value-Relevant Attitudes through Value Polarization

Tyler Knaplund, Iowa State University; Kevin Blankenship, Iowa State University

Merely thinking about a topic has wide reaching consequences. For example, thinking about an issue makes attitudes towards said issue more extreme. Tests of between-groups differences revealed that participants given more time to think about equality showed polarization of their thoughts, and higher favorability towards issues relevant to equality.

9:30 Experimental Demonstrations of the Earned Dogmatism Effect Using Optimal Manipulations

Victor C. Ottati, Loyola University Chicago; Chase Wilson, Loyola University Chicago; Chad Osteen, Loyola University Chicago; Yelyzaveta DiStefano, Loyola University Chicago

According to the Earned Dogmatism Hypothesis, occupation of the expert role reduces open-mindedness (Ottati et al., 2015). Calin-Jageman (2018) suggests this effect may be limited to highly restrictive and unrealistic conditions. However, consistent with the "optimal manipulation" hypothesis, optimal experimental manipulations elicit the effect, even under non-restrictive and realistic conditions.

9:45 The Role of Discomfort in the Continued Influence of Misinformation

Mark Susmann, The Ohio State University; Duane T. Wegener, The Ohio State University

Two studies examined why people continue to believe misinformation even after it has been retracted. Results suggest that retractions of misinformation produce feelings of psychological discomfort that motivate one to disregard the retraction, particularly if the misinformation is attitude-consistent, leading to continued belief in and reliance on the misinformation.

Adult Psychopathology

Thu 8:30AM - 10:20AM Salon 10
Moderator: Jack Lennon, Edward Hines Jr., VA Hospital

8:30 Clinical Distinctions between Nonsuicidal Self-Injury and Eating Disorders in Adolescents

Natalie Perkins, Miami University; Amy Brausch, Western Kentucky University; April Smith, Miami University

Eating disorders and nonsuicidal self-injury (NSSI) commonly co-occur. The current studied examined emotion reactivity and family functioning as factors in their comorbidity. Results demonstrated that emotion reactivity was greatest in those with NSSI and no different between the other groups. There were no group differences on family functioning.

8:45 Cardiac Biomarkers of Eating Disorders

Melinda Green, 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.

9:00 Addressing Obesity for African American Young Adults with Mental Illness

Janis Sayer, Illinois Institute of Technology; Sang Qin, Illinois Institute of Technology

Persons with serious mental illness (SMI) suffer high rates of obesity, and African American young adults are an important group for intervention. Five focus groups (N=25) were conducted to understand their perceptions of weight management in primary care. Key themes included importance of patient-provider relationship, verbal communication, and individualized care.

9:15 Binge Drinking as a Conformity Behavior

Tiffany Bainter, Western Illinois University; Michelle Ackerman, Northcentral University

The study explored binge drinking as a conformity behavior as it related to self-esteem and social acceptance in young adults. The findings expanded upon existing research regarding binge drinking as a conformity behavior as it impacted self-esteem and social acceptance in attempts to increase one’s relational value.

9:30 Rebranding depression's image: A YouTube content analysis and critical review

Andrew Devendorf, University of South Florida; Ansley Bender, University of South Florida; Jonathan Rottenberg, University of South Florida

This paper investigates public presentations for depression via a YouTube content analysis. Illness presentations impact illness beliefs, which influence self-stigma, public-stigma, and depression literacy. We critically review how messages can be tweaked to improve help-seeking behaviors, self-efficacy, and coping for people with depression, while decreasing harmful attitudes among the public.

9:45 Social Anxiety, Emotion Dysregulation, and Fear of Evaluation

Jaismeen Dua, Eastern Illinois University; Wesley Allan, Eastern Illinois University

Social anxiety is associated with fear of negative evaluation (FNE) and fear of positive evaluation (FPE). We examine whether the relationships of social anxiety to both FNE and FPE are moderated by emotion dysregulation.

Statistics, Data, and Measurement

Thu 8:30AM - 10:20AM Indiana
Moderator: Sunde Nesbit, Iowa State University

8:30 Consistency of the p Factor Across Samples

Holly Levin-Aspenson, University of Notre Dame; David Watson, University of Notre Dame; Lee Anna Clark, University of Notre Dame; Mark Zimmerman, Warren Alpert Medical School of Brown University

Bifactor analyses are a popular way to model general liability for psychopathology (p factor), but this body of research needs to be integrated. We tested the p factor's consistency across three large datasets. Interpretation of the p factor varied across samples, suggesting that it is not necessarily a substantive construct.

8:45 P-Hacking for MPA: The Dangers of Hypothesis Testing without Theory

Bryant Stone, Southern Illinois University; Amanda Chamberlain, Southern Illinois University; Chad Drake, Southern Illinois University

The researchers created four artifactual dichotomous variables from a random number generator to empirically demonstrate p-hacking. Using 14 scales and a 4-way MANOVA, 5.97% of tests resulted in significant findings. The authors argue for the use of the $\alpha = .001$ significance level to prevent the presentation of false positives.

9:00 A Monte Carlo Comparison of Three Dataset Augmentation Techniques

Brad Sagarin, Northern Illinois University; Joy Pawirosetiko, Northern Illinois University; Xinyu Hu, Northern Illinois University; Kathryn Klement, Bemidji State University

We used Monte Carlo simulations to test three techniques for augmenting datasets while controlling the false positive rate. The techniques successfully controlled the false positive rate, were unlikely to render otherwise significant results non-significant, and were efficient, but also produced biased effect size estimates and exacerbated publication bias.

9:15 MTurk Samples: A Continuing Evaluation of Data Quality 2014-2018

Adira Romanoff, Southern Illinois University Edwardsville; Isabella Divine, Southern Illinois University Edwardsville; Sarah Gentry, Southern Illinois University Edwardsville; Mackenzie Harrison, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville

Multiple studies were aggregated examining the use of Amazon.com’s MTurk crowd sourcing site for data collection from 2014-2018. We examine the impact of amount paid, focused samples, and attention items on demographic characteristics and data quality. Based on our empirical findings we provide suggested guidelines to maximize the quality of

9:30 I'm Emotionally Motivated! Validating a Measure of State Desperation

Christopher Hannan, Murray State University; Jana Hackathorn, Murray State University

No known scale of desperation as a state based emotion exists. Over two studies, a measure of desperation containing two factors (motivation and emotion) was created. Results of an EFA, CFA, correlational analyses, and a experimental manpulation indicate adequate statistical support for the measure.

9:45 Examining the Factor Structure of the Multidimensional Psychological Flexibility Inventory

Bryant Stone, Southern Illinois University; Dustin Seidler, Southern Illinois University-Carbondale; Bruce Clark, Southern Illinois University; Chad Drake, Southern Illinois University

The researchers used exploratory and confirmatory factor analyses to replicate the factor structure of the Multidimensional Psychological Flexibility Inventory. The results suggest that the best model replicates the original model; however, the defusion subscale presents improper loadings and numerous error covariances. Future directions for theoretically-consistent empirical modifications are discussed.

10:00 Development and Validation of the State Paranoid Social Cognition Scale

Joy Pawirosetiko, Northern Illinois University; Christopher Budnick, Southern Connecticut State University; Alecia Santuzzi, Northern Illinois University

We developed and validated measures to test Kramer's (1998) conceptual model of how psychological effects of evaluative social situations might yield negative perceptions of others. The 45-item nine-factor State Paranoid Social Cognition Scale was determined to be reliable through exploratory factor analysis.

The Self

Thu 8:30AM - 10:20AM Salon 5/8
Moderator: Mark Stambush, Muskingum University

8:30 Affect and the temporal self: When does nostalgia feel bittersweet?

Keith Markman, Ohio University

Nostalgia is described as a sentimental longing for the past, but contemporary research portrays it as a positive emotion. In this talk, I will describe how positive affect derives from the past self, negative affect derives from the present self, and that an overall sense of pastness elicits bittersweet feelings.

9:00 A perspective-dependent view on the true self

Yiyue Zhang, Ohio University; Mark Alicke, Ohio University

The current research examined self-enhancing biases in judgement of the true self. Two studies found that positive traits and behaviors were perceived as more true-self-characteristic than negative ones, and this bias was stronger when judging oneself relative to others. Together, these results imply that the true self may be perspective-dependent.

9:15 Self-Nature Representations: Implications for Pro-Environmental Action and Prosocial Emotions

Tyler Jacobs, Miami University; Allen McConnell, Miami University
Two studies (*N*=558) explored self-nature mental representation implications for environmental conservation. In a correlational Study 1, both self-nature overlap and nature-to-self size uniquely predicted pro-environmental behavior, and they interacted to predict socio-political beliefs. Study 2 manipulated nature-to-self size finding that seeing nature as larger than the self triggered prosocial emotions.

9:30 The Incongruent True Self: Self-essentialism Under Identity Threat

Ellen Dulaney, DePaul University; Verena P Graupmann, DePaul University
Self-essentialism, belief in one's "true self," has been associated with well-being benefits. Participants shown incongruities in their core identities reported lower self-essentialism than those shown identity congruities. Self-essentialism also positively associated with need-fulfillment and life satisfaction. Recognition of identity-specific mismatch may thus influence beliefs in a stable true self.

9:45 Mediations of Early Adolescent Interactions on Self-Construal and Later Self-Esteem

Mithra Pirooz, University of Nebraska at Omaha
The current study examined the mediating roles of positive and negative relationship interactions on the association between self-construal and self-esteem. The findings indicate that interactions with others, positive and negative, as well as how individuals identify themselves in relation to their social world, all affect self-esteem.

10:00 Differences in Self-Construal Influence Primacy Effects in Impression Formation

LaCount Togans, Miami University; Allen McConnell, Miami University
We investigated how self-construals influence impression formation, specifically by examining primacy effects. Overall, participants showed significant primacy effects (i.e., stronger influence of early information in favorability ratings). However, participants with self-construals more strongly emphasizing others' happiness showed significantly weaker primacy effects. Implications for cultural differences in social perception are discussed.

Individual Differences

Thu 8:30AM - 10:20AM Salon 1
Moderator: Sarah Beehler, University of Minnesota Medical School, Duluth Campus

8:30 Personality and Motivational Characteristics of Hobby Board Gamers

J. Corey Butler, Southwest Minnesota State University

Games are structured, interactional, leisure activities that can serve as a microcosm of real life. This preliminary, exploratory study examines Big Five personality traits and game-related motivational variables in an international sample (N=522) of hobby gamers. Factor analysis revealed five key gaming motivations: strategy, social interaction, immersion, winning, and conflict.

8:45 Did you see that? Person and Thing Orientation and Attention

Angela Receveur, Purdue University; William G. Graziano, Purdue University

This study explores how person and thing orientations relate to attention, using an inattentional blindness paradigm with a person or thing image appearing unexpectedly. No effect was found for person images, but those higher in thing orientation more accurately selected thing images in the divided attention trial.

9:00 Trait Contempt: A Robust Predictor of Dehumanization

Rusty Steiger, DePaul University

I examined trait contemptuousness as a predictor of dehumanization towards a wide variety of groups, with predictions informed by the stereotype content model (contempt and dehumanization are both linked with low-warmth and low-competence stereotyped groups, e.g. homeless people). Surprisingly, trait contempt robustly predicted dehumanization towards the majority of groups measured.

9:15 When the Dorm is a Car: Homelessness in College

Randi Smith, Metropolitan State University of Denver

Financial and life challenges—including relational, mental health, and substance abuse problems—have contributed to a new phenomenon of college student homelessness. At one large metropolitan university, data collected in 2014 and again in 2017 reveal the prevalence of student homelessness, its attendant life impact, and resources that can help.

9:30 Making Charitable Donation Decisions: Does Efficacy and Need Matter?

Tollie Schultz, Ball State University; Andrew Luttrell, Ball State University

We tested the explanation that people’s perceptions of donation efficacy are driven by practical concerns related to beneficiary distance, rather than the prevailing explanation of ingroup favoritism. Our evidence suggests support for a donation impact bias effect, whereby individuals favor local over foreign charities because they perceive greater efficacy.

9:45 The Differential Impact of Hope and Optimism: An Experiment
Mackenzie Shanahan, Indiana University Purdue University Indianapolis; Ian Fischer, Indiana University Purdue University Indianapolis; Sarah Fortney, Indiana University-Purdue University Indianapolis; Kevin Rand, IUPUI
It is theorized that hope may be influential in controllable situations and optimism may be influential in non-controllable situations. This claim was tested experimentally. Results suggest that hope only contributes to specific expectations in controllable situations while optimism contributes to more positive specific expectations regardless of situational control.

10:00 Reciprocity & SVO, Disparate Constructs or One?
Fatima Martin, Loyola University Chicago; James Larson, Loyola University Chicago
The current study investigated the relationship between reciprocity and social value orientation (SVO) using Confirmatory Factor Analysis. Results indicate that the best fitting model of SVO and reciprocity consist of three uncorrelated factors (positive reciprocity, negative reciprocity, and SVO), which suggest that these three constructs should be considered separately.

Physiological Psychology

Thu 8:30AM - 10:20AM Salon 4/9
Moderator: Ana Kehrberg, Muskingum University

9:20 The opposite of consciousness: What can we learn from sleep?
J. Roxanne Prichard, University of St. Thomas
Sleep is a complex neural activity that is required for life, enhances learning, and supports well-being. How is mental illness related to sleep? How does our epidemic of sleep deprivation impact behavior? Why should adolescents and young adults in particular invest in healthy sleep?

9:50 Physical Activity, White Matter Integrity, & Pattern Separation
Cooper Hodges, Brigham Young University; Brock Kirwan, Brigham Young University; Nathan Muncy, Brigham Young University
We used a mnemonic discrimination (MD) paradigm to study how pattern separation in the hippocampus was affected by habitual exercise. 49 subjects

completed a MD task during functional and diffusion MRI scans. Results indicate no significant effect of exercise on MD. There were significant differences in axial diffusivity between groups.

Cognition, Language and Reading

Thu 8:30AM - 10:20AM Salon 12
Moderator: Daniel P. Corts, Augustana College

8:30 A coordination approach to early language learning

Daniel Yurovsky, University of Chicago

By the time children can run down the street, they already produce a thousand words. Yet, these same children forget where they left their coats. I argue that rapid language acquisition emerges from coordination. The question is not how children learn language, but how children and caregivers construct it together.

9:00 Bilingualism Changes Semantic Distance Between Concepts

Siqi Ning, Northwestern University; James Bartolotti, Northwestern University; Viorica Marian, Northwestern University

Language experience influences cognition. Four behavioral and ERP experiments were conducted to examine whether patterns of connectivity between words and meanings in bilinguals can change how strongly different concepts are associated with each other. Results suggest that bilinguals may perceive concepts as more related with each other than monolinguals.

9:15 Positive and Negative Priming Between Languages in Two Bilingual Groups

Ewald Neumann, University of Canterbury; Ivy Nkrumah, University of Cape Coast

How bilinguals regulate their two languages and the words within them was investigated using cross-language priming tasks involving positive and negative priming manipulations. Remarkably consistent, yet counterintuitive, positive and negative priming effects between translation equivalent words were observed with both English-Spanish and Twi (a native language of Ghana)-English bilinguals.

9:30 Blame the jockey: Impact of individual stories on Theory of Mind

Stephen Briner, Sacred Heart University

Using data from 3 separate studies, I investigated the impact of fiction on

Theory of Mind. Participants read one of three literary or pop fiction stories, then completed a ToM task. Results indicated different patterns of ToM activation for the individual stories, highlighting the need to study these stories further.

9:45 Forensic Applications of Linguistic Word Analysis
Lucinda Woodward, Indiana University Southeast; Brandi Pirtle, Indiana University Southeast; Jacob Hoffman, Indiana University Southeast
In forensic settings, expert witnesses are occasionally called upon to provide diagnostic impressions of participants in court proceedings; however, such litigants are not always cooperative or accurate in their statements. Results indicated that LIWC content corresponded well with clinical impressions in assessing potential deviance in forensic applications.

Symposium

Religious De-Identification: Distinguishing Religious “Dones” from Religious “Nones”

Thu. 8:30AM-10:20AM Chicago
Organizer: Daryl Van Tongeren, Hope College

The third largest religious group in the world consists of people who report no religious affiliation (Pew-Templeton, 2015). Over the next 35 years, the number of these religious “nones”—individuals who are not religious—is projected to grow from 1.1 billion to 1.2 billion. Accordingly, research on religious nones has been steadily increasing. However, current research obscures important differences between those individuals who have never identified as religious (i.e., religious "nones") and those who were at one time religious but no longer identify as religious (i.e., religious "dones"). Insufficiently differentiating between formerly religious and never religious individuals may fail to identify the features associated with religious deidentification and the complex ways in which these two groups of individuals vary on cognitive, emotional, and motivational processes. This symposium examines from cross-cultural data, drawn from nationally representative samples, to examine how the consequences of religious de-identification. The first talk examines how the psychology and behavior of formerly religious individuals differs from never religious individuals, and in some cases, more closely resembles currently religious individuals. That is, some religious residue persists after religious de-identification. The second talk extends this work to examine consumer behavior among the varying religious groups, demonstrating that religious "dones" spend more on religious goods than religious "nones." The third talk examines cross-cultural differences in helping behaviors and materialism, which often vary based on religious affiliation. Together, these talks provide a compelling picture for better understanding how cultural and religious factors affect psychological processes and behavior.

Religious Residue: Cross-Cultural Evidence that Religious Psychology Persists after De-Identification

Daryl R. Van Tongeren, Hope College; C. Nathan DeWall, University of Kentucky; Zhansheng Chen, University of Hong Kong

Four Mechanisms Underlying Religious Purchases Following De-Identification

C. Nathan DeWall, University of Kentucky; Daryl R. Van Tongeren, Hope College

Cross-cultural Differences in Helping

Zhansheng Chen, University of Hong Kong; C. Nathan DeWall, University of Kentucky; Daryl R. Van Tongeren, Hope College

Symposium

Applying Psychological Theory to Legal Decisions

Thu. 8:30AM – 10:20 AM Kimball
Organizer: Margaret Stevenson, University of Evansville

Employing mixed methodologies, this symposium reveals broad-ranging contexts in which extralegal and individual difference variables and interventions affect legal outcomes. Specifically, authors explore predictors of actual and simulated legal outcomes, including the extralegal influence of participant sexism, gender, and race of defendants and victims, involved in various legal contexts. In Study 1, researchers provide a much-needed evaluation of the effectiveness of a novel child abuse prevention program on children’s abuse disclosures and substantiation. Supporting hypotheses, children exposed (versus not exposed) to the *Think First Stay Safe* program were more likely to disclose abuse during a forensic interview, which in turn, increased abuse substantiation likelihood. Study 2 reflects a novel archival analysis of protective orders allocated to victims of domestic violence. Supporting hypotheses, non-White domestic violence victims were significantly less likely to receive temporary protective orders than White victims – effects exacerbated when the perpetrator was White (versus non-White) and that remain after controlling for perpetrator criminal history and offense type. In Study 3, researchers conducted a content analysis exploring how mock jurors discuss and make attributions about coerced confession evidence during mock trial deliberations. Participants made more internal attributions (stated that confession reflects guilt) than external attributions (stated that police pressure coerced confession) about the defendant’s confession – attributions that predicted guilt, defendant responsibility, and perceived police interrogator fairness. Finally, Study 4 reflects an experimental manipulation of physician gender in a medical malpractice lawsuit, revealing physician gender by participant sexism interactions among female participants. Specifically, when the physician was male, as sexism increases, perceived carelessness and the belief the physician will get sued again decreases. Overall, this symposium uncovers interconnected implications for the impact of gender, race, attitudes, and interventions on legal outcomes, which will be critically explored by our discussant – a leading expert in psychology and law.

Effects of Abuse Prevention Program on Abuse Disclosure and Substantiation

Molly Elfreich, Holly's House Inc.; Margaret C. Stevenson, The University of Evansville; Crystal Sisson, Holly's House, Inc.; Alexandria Winstead, The University of Evansville; Katelyn Parmenter, The University of Evansville

Effects of Race on Allocation of Protective Orders

Alexandria Winstead; Margaret Stevenson, The University of Evansville

Understanding How Jurors Deliberate About a Defendant's Coerced Confession

Margaret C. Stevenson, The University of Evansville; Evan Mccracken, The University of Nebraska at Lincoln; Ar'reon Watson, Kenyon College; Tyler Plogher, The University of Evansville

Effects of Physician Gender on Medical Malpractice Case Outcomes

Luci Hulsman, The University of Evansville; Lilee Robinson, The University of Evansville

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Symposium

Psychological and Physical Health in Couples: Implications for Couple Psychotherapy

Thu. 8:30AM – 10:20 AM Salon 3
Organizer: Lynne Knobloch-Fedders, Marquette University

Close personal relationships are important for both physical and mental health (Holliday & Troxel, 2017), and relationship quality appears to mediate the link between marital and health outcomes (Meadows & Arbor, 2015; Sher, 2015). This symposium will explore the links between psychological and physical health in couples, with particular emphasis on the implications of these associations for couple-based psychotherapy and intervention.

The first paper, "Temporal invariance of the construct validity of the Systemic Therapy Inventory of Change (STIC)" (Alexander Williams, presenter), will examine evidence from a randomized clinical trial of outpatient treatment outcomes (*N* = 1009) supporting the metric invariance and configural invariance of the STIC (Pinsof et al., 2009), a self-report inventory designed to assess change in systemically-based individual, couple, and family therapy.

The second paper, "Interpersonal behavior in couple therapy: Concurrent and prospective associations with depressive symptoms and relationship distress" (Lynne Knobloch-Fedders, presenter), investigates longitudinal associations between couples' interpersonal behavior, depressive symptoms, and relationship distress over the course of couple therapy (*N* = 50 couples).

The third paper, "Generalized anxiety disorder, relationship distress, and the interpersonal behavior of couples" (Elizabeth Tinsley, presenter), describes results from an observational study of couples (*N* = 121) examining the links between GAD, relationship distress, and the interpersonal behavior of couples.

The final paper, “Sleep well versus not: Couples, health, and sleep” (Shveta Kumaria, presenter), explores sleep and health differences between individuals of different couple statuses in an effort to better understand why married people are healthier than non-married people, utilizing data collected by the National Health and Nutrition Examination Survey (2007 - 2008), a survey program of the National Center for Health Statistics that assesses the health and nutritional status of adults and children in the United States.

Temporal Invariance of the Construct Validity of the Systemic Therapy Inventory of Change (STIC)

Alexander Williams, Northwestern University; Nathan Hardy, Oklahoma State; Kelley Quirk, Colorado State; Mia Nunez and Amanda Kramer, Northwestern University; William Pinsof, Pinsof Family Systems; Jacob Goldsmith, Northwestern University

Interpersonal Behavior in Couple Therapy: Concurrent and Prospective Associations With Depressive Symptoms and Relationship Distress

Lynne M. Knobloch-Fedders, Marquette University; Stephanie J. Wilson, The Ohio State University

Generalized Anxiety Disorder, Relationship Distress, and the Interpersonal Behavior of Couples

Elizabeth Tinsley, Marquette University; Lynne M. Knobloch-Fedders, Marquette University; Richard E. Zinbarg, Northwestern University

Sleep Well Versus Not: Couples, Health and Sleep

Shveta Kumaria, Northwestern University; Christine Aiellio, Northwestern University; Tamara Sher, Northwestern University; Rebecca Schumm, Northwestern University

MPA Invited Presidential Address

When I become you:
How small shifts in language promote self-control

Ethan Kross, University of Michigan
ekross@umich.edu

Thu. 9:00AM – 10:20AM Crystal
Moderator: *TBD*

Do the words people use to refer to themselves during introspection influence their ability to control their emotions? In this talk I will suggest that the answer to this question is yes. I will also propose that these linguistic shifts constitute a primitive and potentially effortless self-control tool.

Prejudice I

Thu 10:30AM - 12:20PM Chicago
Moderator: Jason Deska, University of Toronto

10:30 Race deficits in discerning pain authenticity
E. Paige Lloyd, University of Denver
The current work identifies race deficits in pain authenticity. Specifically, perceivers struggle to distinguish real from fake pain among Black relative to White targets. Moreover, this effect has consequences for medical treatment and appears generalizable across perceiver race, participant population (i.e., medical, online, undergraduate), and several stimulus sets.

11:00 So Close, Yet So Far? Internationals' Socialization With Host Nationals
Wendy Quinton, University at Buffalo, SUNY
The present study examined theoretically grounded predictors of international students' socialization with host-national students. Results suggest that self-esteem is a particularly important resource for international students striving

to forge relationships with host nationals and that university identity may foster relationships between international students and both host-national and other international students.

11:15 Perceiving Ableism: When do Disabled People see Discrimination as Illegitimate?

Thomas Dirth, Bemidji State University

Beliefs about the social structure and disability model endorsement predicted disabled participants' perceptions of the legitimacy of group-based discrimination. Ultimately, this work explains how leveraging of social model rhetoric to frame issues that affect the disability community to reduce the ambiguity of what is acceptable treatment toward the group.

11:30 Selectively Sharing Stories of Ingroup Morality and Outgroup Immorality

Andrea Sanders, DePaul University; Verena P Graupmann, DePaul University

We investigated how people responded to stories of moral behavior within their political ingroup vs. outgroup. Results indicated that people chose to emphasize and share examples of outgroup immorality and ingroup morality, a behavior which reinforces perceptions of a large moral divide between groups.

11:45 Partisanship Shapes Reactions to Sexism Perpetrators and Confronters

Kala J. Melchiori, James Madison University; Robyn Mallett, Loyola University Chicago

We tested how political conservatives and liberals evaluated a sexist perpetrator and someone who confronted the sexist remark using an appeal based on care/harm or loyalty/betrayal moral foundations. Type of confrontation did not impact impressions; liberals were tougher on the perpetrator and more sympathetic to the confronter than conservatives.

12:00 Convergent Evidence for the Unidirectionality of Group Loyalty

Daniel J. Kruger, University of Michigan, Ann Arbor

Convergent evidence from four studies supports the principle that one can only be loyal to one team in a set of competitors. Data include naturalistic observations research incorporating experimental manipulations, brief informant interviews, an on-line survey with extensively validated quantitative items, and naturalistic reactions to social media advertisements.

Intra- and Interpersonal Factors Related to Well-Being

Thu 10:30AM - 12:20PM Logan
Moderator: Amber M. Gillenwaters, Missouri State University

10:30 Validation of a Retrospective Parental Environment Questionnaire in Emerging Adults

Karl Bailey, Andrews University; Cooper Hodges, Brigham Young University; Christiana Atkins, Andrews University; Paola Caceres, Andrews University; Eliana Iller, Andrews University; Alina Baltazar, Andrews University; Duane McBride, Andrews University

We revised, shortened, and validated a measure of retrospective perceptions of parental environment in emerging adults. Our exploratory factor analysis supported two factors: conflict and involvement. Across four ethnically-diverse samples, these subscales were related to existing retrospective measures of parental support, peer relationship qualities, academic and religious motivation, and well-being.

10:45 The Relationship between Personality Traits and Internalizing Psychopathology Symptoms

Emily Bartholomay, Southern Illinois University Carbondale; Bryant Stone, Southern Illinois University; Sarah Kertz, Southern Illinois University

The relationship between personality factors and internalizing pathology is unclear. The current study examined the relationship between internalizing symptoms and personality factors represented in the Big Five and HEXACO models of personality. Results suggest that conscientiousness is a consistent, important predictor of internalizing symptoms.

11:00 Personality Models Explain Variability in Externalizing Psychopathology

Bryant Stone, Southern Illinois University; Emily Bartholomay, Southern Illinois University Carbondale; Sarah Kertz, Southern Illinois University

The researchers use two multiple linear regressions to demonstrate that the Big Five can predict externalizing psychopathology (e.g., antisocial behavior) as well the HEXACO personality model. Conscientiousness was the only negative predictor between both models, which suggests that clinicians may consider increasing traits of conscientiousness to reduce externalizing psychopathology.

11:15 Maladaptive Emotion Regulation Moderates Depression and Perceived Stress across Symptoms

Pranav Bolla, Cleveland State University; Angela Bush, Cleveland State University; Skye Napolitano, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

This study examined whether the relationship between depressive symptoms and perceived stress was moderated by emotion regulation in young adults. Moderation analysis revealed that maladaptive emotion regulation predicts higher perceived stress at low levels of depression but blunted stress perception at high levels of depression. Clinical implications are discussed.

11:30 Parental Depression Symptoms Predict Positive Affect Reactivity in Offspring

Skye Napolitano, Cleveland State University; Angela Bush, Cleveland State University; Pranav Bolla, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Children reared by parents with depression and BPD exhibit numerous impairments compared to their peers. The present study tested whether parental depression and BPD symptoms predict impaired affect reactivity to negative and positive mood inductions during parent-child interactions. Results indicate high-risk offspring may exhibit blunted positive reactivity to positive stimuli.

11:45 Attention inflexibility co-segregation among siblings but not parents and offspring

Anna Olczyk, Cleveland State University; Skye Napolitano, Cleveland State University; Angela Bush, Cleveland State University; Pranav Bolla, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

The present study aimed to examine co-segregation of attention inflexibility among children and parents who were symptomatic for SAD and depression. Our findings support familial co-segregation of attention inflexibility among siblings, but not between parents and their offspring.

12:00 Discrepant views on parenting between mother-child dyads and mental health

Evan Basting, Cleveland State University; Skye Napolitano, Cleveland State University; Angela Bush, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Research suggests that when considering mother and child reports of parenting practices, higher discrepancies between informants’ reports of parenting practices predicts child emotional behaviors in a way that individual informant reports do not. This study seeks to understand how gender moderates these associations. Results and implications will be discussed.

Ostracism & Belonging

Thu 10:30AM - 12:20PM Salon 6/7
Moderator: Heather M. Claypool, Miami University

10:30 Beaten but not broken: Paths to recovery following social ostracism

Andrew Hales, University of Virginia

Ostracism is a painful and surprisingly common experience. Given its well-documented negative effects, there is growing interest in healthy recovery strategies. I present research testing approaches that neutralize the initial sting, approaches that speed recovery after the initial sting, and behaviors of the source that affect recovery.

11:00 Differentiating Mechanisms of Social Exclusion: Classic Ostracism and Allegiance Rebuff

Daniel J. Kruger, University of Michigan, Ann Arbor; Andrew Hales, University of Virginia; Eric Wesselmann, Illinois State University

We identify a specific mechanism for social exclusion, when unfamiliar presumed in-group members fail to reciprocate signals of social allegiance. Coders were able to differentiate these experiences from classic ostracism. Participants reported that these experiences were generally less aversive than classic ostracism and less threatening to basic needs.

11:15 "I'm Not Myself": Ostracism Adversely Affects Self-perceptions of One's Traits

James Wirth, The Ohio State University at Newark; Melissa T Buelow, The Ohio State University; Andrew Hales, University of Virginia

Ostracism (being excluded and ignored), compared to control groups (i.e., inclusion, mental visualization) causes individuals to report being less conscientiousness, agreeable, open, extraverted, and also more neurotic— a worse version of themselves. Reflexive reactions to ostracism influenced changes in personality traits and personality traits additionally influenced temptations to act aggressively.

11:30 A Multi-Method Examination of Cellphones and Socialization

Dora Juhasz, University of Michigan; Camille Phaneuf, University of

Michigan; Jessica Tung, University of Michigan; Bushra Hassan, University of Michigan; Nathan Schooner, University of Michigan; Daniel J. Kruger, University of Michigan, Ann Arbor
We used a multi-method approach to investigate the influence of cellphones on socialization and the relationship between survey responses and observed behaviors. Cellphone availability reduced social interaction among participants. Participants were aware of the addictive properties of cell phones and cellphone dependency predicted the occurrence of other related phenomena.

11:45 Being Politically Out of the Loop: Effects on Political Behavior
Nicole Iannone, Radford University; Janice R. Kelly, Purdue University; Kipling Williams, Purdue University
Participants were put in or out of the loop by being shown familiar vs. unfamiliar politicians and told most others recognize them. Those who were out of the loop reported lower need satisfaction and less future political engagement compared to those who were in the loop.

12:00 College drinking in response to rejection
Hannah R. Hamilton, Kenyon College
Alcohol consumption is common among college students, making it an easy outlet for coping with negative affect within a social environment. This talk will explore how different types of negative interpersonal interactions and threatened belongingness needs may increase college student drinking as well as some potential moderators of these effects. Findings will be presented from several studies employing both experimental and daily diary designs.

Trauma, Neglect, and Related Issues

Thu 10:30AM - 12:20PM Indiana
Moderator: Aryn Bostic, Illinois School of Professional Psychology

10:30 Differential Diagnosis of Autism Spectrum Disorder and Early Childhood Neglect.
Bronwyn Neeser, Saint Mary's University of Minnesota; Elizabeth Hooks, Ball State University
The aim of this presentation is to illuminate the process of differential diagnosis of autism spectrum disorders and early childhood neglect through behavioral observation and psychological assessment.

10:45 Differential Risk Factors for PTSD Symptom Cluster Severity

Sydney Timmer-Murillo, Marquette University

Evaluation of risk focuses on PTSD in its entirety, despite evidence that specific clusters may serve as a maintenance mechanism of PTSD. In injured, trauma survivors, items in a brief trauma screener (ITSS) differentially predict symptom clusters. Results suggest distinctions in predicting core PTSD symptoms compared to mood symptoms.

11:00 Sex Differences in Externalizing Symptom Trajectories in a Multi-Site Sample of Maltreated Children

Dean Lauterbach, Eastern Michigan University; Cherie Armour, Ulster University, Coleraine Campus; Ethan Paschall, Eastern Michigan University; David Phillips, Eastern Michigan University; Chong Man Chow, Eastern Michigan University

This study examined gender differences in externalizing symptom trajectories using two procedures: three-step approach (R3STEP), and multi-group longitudinal modeling. Initial tests of growth models supported a 3-class solution (consistently low, decreasing, and increasing). Results indicated that boys and girls did not differ in probability of group membership, slope, and intercept.

11:15 Patient Satisfaction Among Transgender and Gender Nonconforming Individuals

Kristen Suing, Michigan School of Psychology; Dustin Shepler, Michigan School of Psychology

This study explores which healthcare facets lead to transgender patient satisfaction. The hypothesized structural equation models, based upon research for cisgender individuals, poorly fit the data. Modified models accounted for 59.7% and 67.8% of variance in patient satisfaction for individuals with and without regular providers, respectively. Implications will be discussed.

11:30 Psychosocial Correlates of QoL in Young Adults with Disabilities

Christopher Haak, Illinois Institute of Technology; Eva Schiave, Illinois Institute of Technology; Sean Rafajko, Illinois Institute of Technology; Kristina Johnson, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology

This study examined the impact of self-efficacy, self-esteem and sense of community on quality of life in a sample of young adults with disabilities and investigated the extent to which these differ for those with Autism.

11:45 The Relationship between Death Anxiety, Combat-Related Stress, and Demographics

Courtney Kibble, Governors State University

Trauma reactions remain less understood than other complex emotional responses and may benefit from exploration in the context of related anxieties, including fear of death. Exploring the relationship between death anxiety and perceived traumatic experiences may facilitate future treatment methods for PTSD to create a more individualized and effective approach.

Close Relationships Maintenance

Thu 10:30AM - 12:20PM Salon 3

Moderator: Michele Acker, Otterbein College

10:30 Personality and Marital Adjustment

Jamie Tolmatsky, Adler University; Dr. Seema Saigal, Adler University

Seventy couples completed self-report measures of marital adjustment and personality. Results did not demonstrate an association between schizoid, borderline, narcissistic, or obsessive-compulsive pathology and marital adjustment which suggest that while personality pathology has long been associated with a decline in interpersonal effectiveness, this is not the case across personality disorders.

10:45 Factors that contribute to couples' failure to seek Post-Marital Counselling

Bakadzi Moeti, University of Botswana

The current study explored the factors that contribute to couples' failure to seek Post Marital Counselling. Twenty five participants consisting of married couples and service providers participated in the study. Data was attained through interviews and focus group discussions.

11:00 Manipulating Implicit Theories of Relationships to Assess Infidelity Forgiveness

Dallas Capesius, University of Minnesota Duluth; Danica Kulibert, Tulane University; Randi Doyle, Minerva Schools at KGI; Ashley Thompson, University of Minnesota Duluth

One correlational and one experimental study were conducted to assess the relationship between implicit theories of relationships (ITRs) and infidelity forgiveness, with gender as a moderator. Those endorsing growth beliefs were more likely to forgive a partner's infidelity than were those endorsing destiny beliefs, particularly among men.

11:15 Sexual and BDSM Activity with Romantic Partners and Play Partners

Joy Pawirosetiko, Northern Illinois University; Jennifer Erickson, Northern Illinois University; Brad Sagarin, Northern Illinois University

BDSM practitioners reported perceptions, history, and activity with romantic partners and play (BDSM scene) partners. Romantic partners were associated with greater importance of physical attraction, greater intensity of sexual BDSM activities, and greater trust during non-BDSM sexual activities. Play partners were associated with greater gender diversity.

11:30 Cognitive Dissonance in People's Infidelity Behaviors

Lijing Ma, Saint Louis University; Eddie Clark, St. Louis University

This study applied cognitive dissonance theory (Festinger, 1957) to the conflict between knowing that infidelity is immoral, but have done something unfaithful in their relationship. Men and women did not differ in methods of reducing this dissonance but dissonance strategies were related to relationship quality and affect.

11:45 "Not tonight, honey": When we have sex

Ellen Lee, Ripon College; Brad Sagarin, Northern Illinois University; Larissa Barber, Northern Illinois University

This study investigated the temporal sequence between sexual desire and sexual activity over a one-week time frame, allowing for a test of bidirectional effects. Participants responded to a survey four times a day that assessed current desire, mood arousal, mood valence, and if they had engaged in sex.

12:00 When Being Supportive at Childbirth Negatively Impacts Relationships Over Time

Jami Eller, University of Minnesota-Twin Cities; Monique Nakamura, University of Minnesota; Jeffry Simpson, University of Minnesota-Twin Cities; William Rholes, Texas A & M University

Childbirth and the transition to parenthood (TTP) are powerful experiences. Research hasn't examined how deviations in support at childbirth compared to everyday support impact relationships. We examined 192 couples across the two-year TTP. Our findings suggest that providing or receiving more support than usual at childbirth increases relationship dissatisfaction longitudinally.

Emotion

Thu 10:30AM - 12:20PM Salon 5/8
Moderator: Marcie Coulter-Kern, Manchester University

10:30 Friendship jealousy: A negative emotion for prosocial ends?

Jaimie Arona Krems, Oklahoma State University

Friendships make us happy, keep us healthy, and can even bolster reproductive fitness. But most friendships are not forever—even when we want them to be. How do people retain friends? Challenging existing views, our functional analysis proposes that negative feelings of “friendship jealousy” facilitate prosocial ends, including friend retention.

11:00 Depression Severity and Instructed Emotion Regulation Outcomes in Depressed Adults.

Steven Sisk, Cleveland State University; Kayla Scamaldo, Cleveland State University; Pranav Bolla, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

The current study examines the relationship between depression severity, instructed ER, and affective outcomes among depressed community-dwelling and psychiatric inpatient adult samples. Results show that instructed ER contributes to significant reduction in sadness across groups, with those reporting greater depression severity experiencing more enduring sadness than those reporting lower levels.

11:15 State-level Interpersonal Emotion Regulation Processes in Friendship Dyads

Samantha Chesney, Marquette University; Nakia Gordon, Marquette University

This study developed a novel assessment of state-level interpersonal emotion regulation processes to explore relationships with affect and friendship quality. Findings underscored the social and emotional significance of regulation which increases positive affect during emotionally-charged conversations. This differed from regulation that targets down-regulating negative affect, which evidenced weaker connections.

11:30 Sex and Acceptance Moderating between Maladaptive Emotion Regulation and Stress

Arishna Agarwal, Cleveland State University; Han Na Lee, Cleveland State University; Angela Bush, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

We examined the interaction between acceptance a type of coping response and gender between maladaptive emotion regulation (ER) and perceived stress. Our findings concluded that maladaptive ER does predict stress and women control their stress more effectively than men by accepting general life difficulties.

11:45 Working Memory and Emotion Regulation: Pronoun Use as a Mediator

Tien Hong Stanley Seah, Kent State University; Karin Coifman, Kent State University

Working memory capacity (WMC) is positively associated with adaptive emotion regulation (ER). We examined if the use of second-person pronouns (‘You’) during negative autobiographical recall mediates this relationship. We found that higher WMC predicted lower negative affect and this relationship was mediated by the use of ‘You’.

12:00 Making Others Happy: The Best Route to One’s Own Happiness?

Milla Titova, University of Missouri; Kennon Sheldon, University of Missouri, Columbia

Across five studies, trying to make someone else happier increased well-being more than both trying to make oneself happier and being made happy by others. This effect was mediated by relatedness need satisfaction and required neither face-to-face interaction nor knowing the other person.

Person Perception and Personality

Thu 10:30AM - 12:20PM Salon 1

Moderator: Sharon Pappas, The Chicago School of Professional Psychology

10:30 Effects of Mode of Thinking on Preferences in Hiring Decision-making

Alexandra Luong, University of Minnesota Duluth; Weiyi Liu, University of Minnesota Duluth; Alisa Schutz, University of Minnesota Duluth; Jennifer Xiong, University of Minnesota Duluth; Michaela Wurdelman, University of Minnesota Duluth

We examined whether inducing participants via a priming task would lead to preference for an intuitive or an analytical approach in making a hiring decision. We also reviewed the literature to locate prior studies that have induced mode of thinking, to examine boundary conditions within which such induction is effective.

11:00 Mental Images of Non- and Ex-Offending Job Applicants
Matthew Grabowski, Indiana University Purdue University Indianapolis; Leslie Ashburn-Nardo, Indiana University-Purdue University Indianapolis; Evava Pietri, Indiana University Purdue University Indianapolis
Job applicants with criminal records, especially minorities, have more difficulty getting hired. Additionally, racial stereotypes often connect criminal activity with minorities. This study explores racial biases by using a reverse correlation imaging technique to construct mental images of anonymous job applicants with and without criminal records.

11:15 Perceptions of Opioid Addicts via Categorical and Target-Based Information
Keith Jones, Central College; Holly Vander Pol, Central College
This study examined perceptions of opioid addicts using Jones's (1990) person perception model. Although categorical and target-based manipulations in the experiment did not affect perception of opioid addicts, participants' personal drug use and history with others who use illicit drugs resulted in less fearful and more positive views of addicts.

11:30 How Firm Are the Foundations of Mindset Theory?
Alexander Burgoyne, Michigan State University; D. Hambrick, Michigan State University; Brooke Macnamara, Case Western Reserve University
We empirically evaluated major claims of mindset theory, and found that many of its predictions were not supported. In a reprise of a classic experiment, students were given challenging problems followed by less difficult problems, to determine whether growth mindset insulated students from the effects of failure.

11:45 Antisocial Personality Disorder Traits, Behavioral Interaction Patterns, and Marital Satisfaction
Brittney Aubin, Adler University; Dr. Seema Saigal, Adler University
Antisocial Personality Disorder (ASPD) symptomology in husbands was associated with reduced marital satisfaction and negative behavioral interaction patterns for both partners. In contrast, ASPD symptomology in wives appeared to have little negative impact on the marital relationship. Findings are explored in the context of social roles and gender norms.

12:00 Covert Narcissism is Multifaceted: Evidence from the Hypersensitive Narcissism Scale
Bryant Stone, Southern Illinois University; Emily Bartholomay, Southern Illinois University Carbondale

Researchers use confirmatory factor analyses on the Hypersensitive Narcissism Scale to argue for the existence of two unresearched facets of covert narcissism – selfish self-interest and rejection sensitivity. The two facets are present in men and women, although men reported significantly higher selfish self-interest, whereas women report higher rejection sensitivity.

Drugs and Choice

Thu 10:30AM - 12:20PM Salon 4/9
Moderator: Charles Pickens, Kansas State University

10:30 Modeling drug-associated decision-making

Joshua Beckmann, University of Kentucky
Drugs of abuse affect many decision-making processes, and evidence suggests that substance use disorders are mediated by maladaptive decision-making. The present paper will discuss recent work modeling drug-associated decision-making in rodents, offering an avenue toward a better understanding of the governing neurobehavioral mechanisms.

11:00 Sex Differences in Motivation using an Effort-Related Decision Making Task

Emily Errante, Northern Illinois University; Leslie Matuszewich, Northern Illinois University
Motivational dysfunctions in Major Depressive Disorder are extremely debilitating; however, little is known about sex-specific effects on these symptoms. Using an animal model of motivational dysfunctions with food restriction as an added variable, results show sex differences are present and food restriction has a significant impact on motivational behaviors.

11:15 Is Satisficing Satisfying? Satisficers Exhibit Greater Threat During Choice Overload

Thomas Saltsman, University at Buffalo; Mark Seery, University at Buffalo
Although past work focuses largely on post-decisional evaluations, the current research examines differences in maximizers' and satisficers' experiences during choice overload. Contrary to hypotheses, we found that satisficers exhibited greater cardiovascular threat than did maximizers when evaluating and selecting from a large number of choice options.

Cognitive & Visual Attention

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

10:30 Alertness and cognitive control: A puzzling interaction

Darryl Schneider, Purdue University

An unusual connection between alertness and cognitive control is suggested by the finding that congruency effects in selective-attention tasks are larger when subjects are more alert. I will discuss experiments involving manipulations that do and do not modulate the alerting–congruency interaction, and their theoretical implications.

11:00 Scene Context Facilitates Search for Heterogeneous Categories

Arryn Robbins, Carthage College; Michael Hout, New Mexico State Univeristy

When looking for categorically-defined targets, heterogeneity of category exemplars results in inefficient search. Our experiments indicate that priming with an image of a congruent context (prior to search) facilitates attentional guidance to heterogenous target categories, but is not beneficial when searching for more homogenous categories.

11:15 Magical Contributions to the Study of Spatio-Temporal Attention

Anthony Barnhart, Carthage College

Magicians are informal cognitive scientists with hypotheses about the mind. We report two attention experiments inspired by theories and methods of magicians. Experiment 1 provides evidence that microsaccades index the location and timecourse of covert attention. Experiment 2 shows that the mere presence of an auditory rhythm biases visual attention.

11:30 Explicit Learning and Adaptive Changes in Temporal Attention

Matthew Junker, SIUc

Learning temporal regularities can improve how people allocate limited attentional resources in dynamic environments. Results of the current study demonstrate that more efficient allocation of temporal attention occurs after practice. Explicit knowledge of these temporal regularities further improves performance.

11:45 Long-Term Focus of Attentional Bias for Food

Garrett Pollert, Western Illinois University; Jennifer Veilleux, University of

Arkansas, Fayetteville
Biased visual attention toward food images over long trials (>2 seconds) have not been assessed. This study attempts to replicate findings on short trials while also extending our knowledge of attentional shifts over longer timeframes using a novel approach. Past findings were not replicated and novel findings were unexpected.

12:00 Emotion Regulation Responses Influence Attentional Bias in Depressed Adults

Steven Sisk, Cleveland State University; Angela Bush, Cleveland State University; Skye Napolitano, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Our study examines the relationships between dispositional use of adaptive and maladaptive emotion regulation (ER) responses on attention bias for valenced faces. Findings suggest those who habitually deploy maladaptive ER responses and insufficiently use adaptive strategies are more primed to attend to dysphoric information, irrespective of their depression levels.

APA Distinguished Scientist Lecturer

The credibility revolution in psychological science

Simine Vazire, University of California Davis
svazire@ucdavis.edu

Thu. 10:30AM – 11:20PM Crystal
Moderator: Duane Wegener, The Ohio State University

A fundamental part of the scientific enterprise is to engage in critical self-examination to detect errors in our theories and methods, and improve them. I discuss how well psychology, as a science, has been living up to this ideal, and what principles should guide our efforts to improve our science.

MPA Invited Presidential Address

A Validity-Based Approach to Understanding the Replication Crisis in Psychology

Leandre Fabrigar, Queen's University
fabrigar@queensu.ca

Thu. 11:30AM – 12:20PM Crystal
Moderator: Duane Wegener, The Ohio State University

Some psychologists have argued that failed attempts to replicate previously demonstrated effects in psychology reflect fundamental flaws in the foundations of psychological research. Others have dismissed these failed replications as uninformative. The present talk evaluates this debate using Cook and Campbell’s (1979) validity typology as an organizing conceptual framework.

Symposium

Social Support and Coping with Psychological Distress and Trauma

Thu. 10:30AM-12:20PM Salon 10
Organizer: Eric Wesselmann, Illinois State University

Trauma is a psychological state that occurs when an individual experiences circumstances or event(s) involving intense physical or emotional harm. Unchecked, trauma can lead to lasting adverse physical and psychological damage for the individual. People who experience traumatic events often fare better psychologically when they have a social support network to draw on for coping resources. Social support, a construct encompassing a broad array behaviors directed towards people perceived in need, can occur in formal (e.g., therapy) or informal (e.g., social interactions with friends and family) contexts. Research suggests that social support, though often helpful, can sometimes have negative effects if mishandled. This may be particularly problematic for individuals who are experiencing trauma. Our presenters will discuss research on different ways in which social support can impact how people cope with the psychological effects of different types of trauma. Collectively, we approach this general topic using different theoretical orientations and diverse methods, providing both quantitative and qualitative data. These presentations will have implications for basic and applied research, theory-building and clinical practice This symposium will encourage interested researchers to consider novel ways of studying trauma and social support in the spirit of an interdisciplinary approach.

Social Support and Social Exclusion in Negotiating Traumatic Experiences
Eric D. Wesselmann, Illinois State University

Promoting Empathy for Crime Victims and Their Families
Shelly Clevenger, Illinois State University

Trauma-Informed Program for Promoting Success
Jessica Foley, Illinois State University; Leandra Parris, Illinois State University

Helping Shelter Dogs and Students: A University-Shelter Collaboration.

Valeri Farmer-Dougan, Jennifer Gavin, Jasmine Mason, & Sarah Lozano-Zeibart, Illinois State University

Symposium

Finding Fit: A Strategic Approach to Graduate Psychology Applications

Thu. 10:30AM-12:20PM Kimball
Organizer: Daniel Michalski, American Psychological Association; Caroline Cope, American Psychological Association; Garth Fowler

According to the latest research from the American Psychological Association (APA), doctoral psychology programs receive more than 80,000 applications each year, and of these less than 14% are accepted. Complicating the process is the fact that competition varies by type of degree (Master's versus doctoral) and different subfields of the profession and discipline. This presentation for prospective graduate students describes the education and training options available across psychology (e.g., health & professional service provider, applied psychology research, and disciplinary research), and provides guidance on developing a strategic plan to find programs that best fit their career and educational goals. Specific topics covered include: Key questions to ask when selecting which programs to apply; How to ask for recommendation letters; Preparing personal statements and other applications materials; Understanding funding and financial assistance at the graduate level. Presenters will offer a first look at APA's national application data on the nascent psychology workforce and demonstrate the ways that these data will offer prospective students high-quality resources to make informed decisions. Finally, participants will be introduced to various tools (both APA and non-APA) to use for researching & selecting programs and completing applications.

Finding Fit: A Strategic Approach to Graduate Psychology Applications
Daniel Michalski, American Psychological Association; Caroline Cope, American Psychological Association; Garth Fowler, American Psychological Association

Finding Fit: A Strategic Approach to Graduate Psychology Applications
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Finding Fit: A Strategic Approach to Graduate Psychology Applications
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Symposium

Depression and Anxiety: An Examination of Attentional, Physiological, and Behavioral Mechanisms of Risk and Inter-generational Transmission

Thu. 1:00 PM-2:500PM Salon 10
Organizer: Ilya Yaroslavsky, Cleveland State University

Depressive and anxiety disorders are common in the US population, frequently co-occur, and show a familial pattern in their transmission. Findings from basic and clinical research point to deficits in attentional processes, autonomic nervous system dysregulation, and ineffective efforts to downregulate dysphoric emotions (emotion regulation) as promising candidates for elucidating risk for internalizing disorders, and their familial transmission. However, studies that examine these candidate mechanisms have primarily relied on single method approaches and cross-sectional designs with either parents or offspring. Importantly, relatively few works have examined the dynamic interplay between these mechanisms, their co-segregation within families, and whether transmission risk varies as a function of who is affected, parent or sibling. Research presented in this symposium examines the interplay between attentional, physiologic, and behavioral mechanism in affective dynamics among youths, adults, and families at risk for internalizing disorders across laboratory and daily life settings. The first presenter (Yang) will elucidate the roles of autonomic nervous system processes in affective responding among youths at high-risk for depression by virtue of their personal and familial depression histories and their low-risk peers. The second presenter (Allard) will present findings on the roles of biased attentional processes and post-event processing in emotional experience of young adults with elevated Social Anxiety Disorder levels. The third presenter (Olczyk) will discuss the mechanisms by which inflexible attentional processes co-segregate within families and confer inter-generational risk for depressive and anxiety disorders. The fourth presenter (Mirhosseini) will clarify links between parental and offspring' emotion regulation deficits and affective dynamics during contentious and positive interpersonal interactions. The fifth presentation (Yaroslavsky) elucidates the relationship between parents' and offspring's emotion regulation gains in the laboratory and daily life settings with respect to familial risk for depressive disorders.

Subjective-Physiological Incoherence Among Adolescents in Depression Remission and their Siblings.
Xiao Yang, University of Pittsburgh School of Medicine

Attentional Refocusing Mediates Effect of Social Anxiety on Mood Recovery.
Eric Allard, Cleveland State University

Emotion Regulation Influences Parent-Offspring Affective Dynamics During Contentious Interaction.
Tannaz Mirhosseini, Cleveland State University

First-fixations of Socially Anxious Parent-Child Dyads Support Vigilance Hypothesis.
Anna Olczyk, Cleveland State University

Laboratory Emotion Regulation Gains Reflect a Vulnerability for Familial Depression.
Ilya Yaroslavsky, Cleveland State University

Applied Social Psychology Posters

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

1 Hypomanic Tendencies and Lifetime Aggression
Tyler Kolander, University of North Dakota; Jenna Wolff, University of

North Dakota; Matt Evans, University of North Dakota; Ani Mangold, University of North Dakota; Alan King, University of North Dakota

Links between Hypomanic Personality Scale (HPS; Eckblad & Chapman, 1986) scores and a range of lifetime aggression indices were established. The merits of an HPS high risk classification rubric were supported. These findings extended the criterion validity of the HPS to lifetime aggression indicators in both college and national samples.

2 Childhood Sexual Abuse and Lifetime Aggression

Jenna Wolff, University of North Dakota; Mara Norton-Baker, University of North Dakota; Tyler Kolander, University of North Dakota; Matt Evans, University of North Dakota; Alan King, University of North Dakota

This study examined links between childhood sexual abuse and a range of lifetime aggression indices after control for variance associated with co-occurring forms of maltreatment. These associations were found to vary by gender and age of victimization.

3 An Investigation into Bullying and Cyberbullying: Effects on Victim Impact

Ashley Harrison, University of Dayton; Jackson Goodnight, University of Dayton

Previous research suggests cyberbullying may have a greater negative impact than traditional bullying (e.g., Gilroy, 2013). Mediation analyses indicated that a reduction in perceived control mediates the association between cyberbullying and depression, and that frequency of bullying explained differences in anxiety between victims of cyberbullying and victims of traditional bullying.

4 Gendered Perceptions of Dating Aggression and its Social Acceptability

Camille Smith, Metropolitan State University

We examined if the gender of a perpetrator influences the acceptability of sexual violence. We hypothesized that sexual assault perpetrated by male is perceived as more socially acceptable than the same acts perpetrated by a female. Results indicated male perpetrated violence was rated as more socially acceptable.

5 When is it a Hostile Work Environment? When a Male/Female Dominated Workplace Matters

Brenda Russell, Penn State Berks; Savanna Brown, The Pennsylvania State University, Berks; Debra Oswald, Marquette University

This research examined how participants rated the extent to which a harasser created a hostile work environment as a function of harasser gender, victim gender and male/female dominated workplace. Male participants rated harassers more harshly in same sex conditions and rated female harassers differently in male/female dominated organizations.

6 Latent Profile Analysis of Traditional and Cyber Aggression and Victimization among emerging adults.

Nicole Hayes, Iowa State University; Lydia Kratovil, Iowa State University; Lillian Jergens, Iowa State University; Monica Marsee, Iowa State University

Latent profile analysis was used to identify subgroups of individuals based on their scores on aggression and victimization. LPA revealed four-profiles of aggressors and victims (physical, relational, and cyber) in a sample of emerging adults ($N = 540$). These distinct profiles were differentially associated with psycho-social maladjustments and personality traits.

7 Characteristics of Men who Engage in Covert Condom Non-Use ("Stealthing")

Jody M. Ross, Indiana University/Purdue University at Fort Wayne; Jeannie DiClementi, Purdue University Fort Wayne; Michelle Drouin, IPFW; Alexis Atkins, Indiana Univ.-Purdue Univ. Fort Wayne; Tyler Niedermeyer, Purdue University Fort Wayne; Deanna Hecht, Purdue University Fort Wayne; Morgan Taylor, Purdue University Fort Wayne

We examined the frequency of “stealthing” (non-consensual condom removal/omission) in two samples and compared men who had versus had not engaged in this behavior. Men with a history of stealthing scored higher than those without such history on measures of personality disorder, attachment problems, intimate partner aggression, and coercive control.

8 Satisfaction with Life: The Significance of LGB Identity Acceptance

Dustin Shepler, Michigan School of Psychology; Jonathon DePorter, Michigan School of Psychology; Mackenzie Glaros, Michigan School of Psychology

Satisfaction with life (SWL) did not differ among men and women who identified as LGB. Analysis indicated that identity affirmation and centrality, but not outness were significant predictors of SWL. Implications for research and psychotherapy are addressed.

9 Teacher Stress and Emotion Regulation Strategies

Ariel Mankin, Temple University; Renée Tobin, Temple University

In this study, we examined the correlations between teacher stress and their emotion regulation strategies with a large sample of public elementary-school teachers. Specifically, we examined the connections between teacher self-reports of stress and their use of cognitive reappraisal and expressive suppression strategies. Implications of these results will be discussed.

10 Sexual Explicitness and Substance Use in Billboard Music

Grace Bradley, University of Michigan- Dearborn; Lauren Toth, University of Windsor; John Marcum, University of Michigan- Dearborn; Katherine Smith, University of Michigan- Dearborn; Kristen Ewald, University of Michigan- Dearborn; Pam McAuslan, University of Michigan - Dearborn

Popular music is increasingly likely to contain references to explicit sexuality and substance use. The present study analyzed the top Billboard songs from 1980 to 2017 to consider how year, artist characteristics and genre relate to alcohol, drug and explicit sexuality in lyrics. Implications for media literacy will be discussed.

11 Is a Values Q-Sort a Self-Affirmation Manipulation?

Imanuel Acera, Illinois State University; Rachael Namboodiri, Illinois State University; Daniel Lannin, Illinois State University

Translating self-affirmation exercises into clinical activities may be useful for practitioners. The present study tested the effects of self-affirming using Q-sort vs. essay writing tasks. The Q-sort reduced fear and increased state self-esteem, but did not reduce self-stigma. Q-sorts may be useful clinical activities for bolstering self-worth.

12 Utilizing Best-Worst Scaling to Model Mental Health Treatment Decisions

Kristina Okamura, Illinois State University; Daniel Lannin, Illinois State University; Michael Barrowclough, Illinois State University

When considering how to address mental health concerns, undergraduates chose speaking to friends or family members as their most preferred choice and speaking to a religious leader as their least preferred choice. Results suggest that, for undergraduates, talking to mental health professionals may be less stigmatizing than previous research suggests.

13 How Social Comparisons are Linked to Self-Stigma of Seeking Help

Adam Meyers, Illinois State University; Daniel Lannin, Illinois State University; Kelsey Anello, Illinois State University

The present research ($N = 134$) explored the relationship between one’s personal values and one’s perception of counselees’ values, and how this discrepancy is linked to help-seeking self-stigma. Participants reported that they are less self-concerned and more benevolent than counselees, the latter of which predicted lower help-seeking stigma.

14 Sexism as a Predictor of Perceived Stress and Physical Health for Women in Male-Dominated Majors

Adrianna Caballero, Ball State University; Katie Lawson, Ball State University; Rahissa Winningham, Ball State University

This study examined the role of gender and major on the association between sexism and physical health. For men and women, sexism predicted poorer physical health. The underlying mechanism, however, differed: sexism was an indirect predictor of poorer physical health, through higher perceived stress, only for women in male-dominated majors.

15 Emotion Stereotypes: The Intersection of Gender and Race

Christabel Rogalin, Purdue University Northwest; Jun Zhao, Dartmouth College; Shannon Fitts, Purdue University Northwest

Utilizing a sample of undergraduate students, we investigate the existence of racialized gendered emotional norms. Our study contributes to the growing number of voices, calling for an increased emphasis on the combined influences of race and gender in the role of emotions (Smith et al., 2017).

16 Does the College Classroom Suppress Viewpoint Diversity?

Ryan Hjelle, University of Minnesota Duluth; Olivia Wolff-Herda, 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 a classroom, on a variety of controversial topics. Results are discussed and suggest that the current classroom environment and current pedagogy may be inhibiting the voices of diverse philosophical viewpoints.

17 Socioeconomic differences in college students’ perceptions of mentoring

Sabriyah Mir, University of Michigan; Angela Ebreo, University of Michigan

I analyzed data from a longitudinal survey to examine if personal strengths facilitate resilience in students who differ in socioeconomic status. More specifically, I examined how mentoring influences students’ psychological adjustment. Based on the Bowman Strengths-based model, I hypothesized that mentoring functions promote wellbeing. Implications of the findings are discussed.

18 Scale of Smartphone Psychological Ownership: Convergent and Divergent Validity

Amanda Egan, Marian Univesrity

Smartphone psychological ownership captures the non-pathological ways users relate to smartphones. Evidence of convergent and divergent validity of a measure of smartphone psychological ownership was demonstrated by administering the scale along with measures of smartphone addiction and its correlates. These findings also replicate previous research on correlates of smartphone addiction.

19 Psychological and emotional responses to first consensual sexual experience

Michael Jacob, University of Wisconsin - River Falls; Melanie Ayres, University of Wisconsin, River Falls

This study examines responses to first sexual experience among sexual minorities and heterosexual young adults. Based on an online survey, we expect there will be a range of factors that will be correlated with satisfaction levels and that there may be differences based on gender or sexual orientation.

20 The Dark Triad: Implications for Mood and Self-Esteem

Anna Wehde, Iowa State University; Monica Marsee, Iowa State University

Bivariate correlations revealed a relationship between pathological personality traits (the Dark Triad) and mood and self-esteem outcomes (N=538). Women who reported higher levels of Machiavellianism also reported greater levels of anxiety, stress, and lower self-esteem. Meanwhile, there was not a relationship between Machiavellianism and mood or self-esteem for men.

21 Driving Miss Siri: Observational Analysis of Smartphones and Driving Behavior

Katelyn Schwieters, Metropolitan State University; Danielle Elia, Metropolitan State University; Kerry Kleyman, Metropolitan State University

A systematic observation investigated the relationship between smartphone use and driving behaviors. Findings suggest that there may be specific behaviors associated with smartphone use behind the wheel that may be valuable for both public policy makers and law enforcement in creating a safer driving environment.

22 Efficacy of Teaching American Sign Language in Homeless Shelters

Jennifer Zicka, University of Dayton; Roger Reeb, University of Dayton;

Katey Gibbins, University of Dayton; Amanda Barry, University of Dayton; Alicia Selvey, University of Dayton

Within the context of an ongoing participatory community action research project in homeless shelters, the efficacy of teaching American Sign Language (ASL) at shelters was examined. Residents perceived ASL sessions as important, meaningful, worthy of repeating, and enjoyable, and residents showed pre- to post-session improvements in receptive and expressive ASL.

23 Using EMA data to evaluate how youth spend their time

Alysa Miller, University of Illinois at Chicago; Amanda Roy, University of Illinois- Chicago

In an analysis of Ecological Momentary Assessment data from low-income, racial/ethnic minority Chicago youth, participants most often reported being with their mother or at least one sibling (42%). There were few reports of tobacco (1%), alcohol (2%), and marijuana usage (3%). Youth reported having helped someone across 26% of assessments.

24 Impact of Mentoring Relationship on Ruminative Coping

Alicia Chen, DePaul University; Kathryn Grant, DePaul University

Mentoring youth is effective in changing youth outcomes (Ahrens et al., 2018); however, more specific mechanisms explaining this impact have yet to be fully elucidated. Mentor relationship quality, specifically mentor self-disclosure, emotional openness, and emotional involvement, was explored and was found to negatively predict mentee ruminative coping.

25 LGB Identity Constructs Predict Relationship Satisfaction and Outness to Family

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

LGB individuals must navigate complex identity development processes that may impact relationship satisfaction and willingness to disclose sexual identity to their family members. Data from 233 LGB participants revealed that identity factors such as centrality and uncertainty predicted relationship satisfaction and identity disclosure. Implications for research are discussed.

26 Parent’s Views of Child Gender Socialization

Jessica Pleuss, Morningside College; Alisia Woodward, Morningside College

What are parent’s views regarding the socialization of their child’s gender? We examined whether parent responses to the Child Gender Socialization Scale (Blakemore & Hill, 2008) differed by child gender. Results suggest that the patterns found in the initial validation studies hold true in our sample as well.

27 Gender Stereotypes in Hispanics and Caucasians

Christina Fortuna, University of Northern Iowa; Elizabeth Lefler, University of Northern Iowa

This study’s purpose was to add to the research comparing stereotypes in Caucasian and Hispanic communities, which were measured in male participants using of the Bem Sex Role Inventory and the Traditional Machismo and Caballerismo scale. Results revealed a significant difference between Caucasians and Hispanics on the caballerismo subscale.

28 Re-Assessing the Current Validity of the Bem Sex-Role Inventory

Christina Fortuna, University of Northern Iowa; Melanie Reyes, University of Northern Iowa; Evan Stilgenbauer, University of Northern Iowa; Matthew Sedlacek, University of Northern Iowa; Kurt Klobassa, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

We replicated Holt and Ellis's (1998) validity reassessment of the Bem (1974) Sex-Role Inventory. Results suggest that the adjectives used for masculine and feminine characteristics in the BSRI may need to be revised to match current gender role perceptions and comprehension of the adjectives used.

29 Agenda-setting theory and internalized misogyny

Trisha Prunty, Lindenwood University - Belleville; Shauntey James, Penn State Harrisburg

Media coverage of internalized misogyny was invesitaged across a 3 year time frame to analyze agenda-setting and framing of women's issues in the public and political realm. The results indicated that the next step is the analysis of the level of the internalized misogyny of women and men within society.

30 Don't Threaten Me!: Heterosexual Identity, Perceived Threat, and Trans Prejudice

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

We studied factors associated with heterosexual women’s and men’s trans prejudice. Perceived threats and commitment to a heterosexual identity predicted trans prejudice although gender moderated the associations. Public discussion of gender with an emphasis on gender diversity may be one way to reduce prejudice and protect rights of trans people.

31 What Does Transgender Mean?: Transgender Definitions and Trans Prejudice

Veanne Anderson, Indiana State University; Destiny Budd, Indiana State University; Emily Williams, Indiana State University

We studied associations between definitions of *transgender* and attitudes toward trans people. Definitions of *transgender* that implied the person chose to radically change their gender were associated with higher levels of trans prejudice than definitions that mentioned transgender as an identity or as expressed superficially through appearance.

32 Experiences and Mental Health Outcomes among Women in Male-Dominated Majors

Danka Maric, Ball State University; Katie Lawson, Ball State University

This study examined professor support and mental health outcomes among women in male-dominated majors (MDMs). Results revealed that women in MDMs did not differ from control groups (men in MDMs, women in gender-neutral majors) in experienced professor support, nor was gender a moderator between professor support and mental health outcomes.

33 Men at Care: Attitudes Toward Male Caregivers in Child Daycare

Noam Shpancer, Otterbein University; Jessica Fannin; William Hove; Mariel Montgomery; Kathleen Rosneck, Otterbein University; Jordan Rush; Maya Venkataraman

Participants (N = 201) rated written vignettes about daycare in which child and caregiver sex were systematically manipulated. Participants also completed questionnaires about attitudes toward male caregivers. Preliminary results revealed no systematic bias against men in childcare, and positive attitudes toward including men in the profession.

34 The Effects of School Groups and Supportive Interactions on Gender Role Conflict

Shannon Ayers, The University of Kansas; Anna Pope, University of Kansas

In two studies, participation in various high school extracurricular activities were analyzed as a potential intervention to male gender role conflict and its negative outcomes. Though participation in gender non-congruent activities lowered some aspects of gender role conflict, males and especially females benefitted most from supportive interaction in gender-normative activities.

35 Cultural Differences in the Relation between Romantic Alternatives and Power

Yoobin Hwang, Iowa State University; Minjoo Joo, Iowa State University;

Susan Cross, Iowa State University

We investigate cross-cultural difference in the relation between perceived romantic alternatives and power in communication. We collected data from 310 people (177 Koreans) who were currently in romantic relationships. The result supported our hypotheses; there was a significant moderation effect of culture on relation between perceived alternatives and communicational power.

36 The Dark Side of Personality: Predicting High-Risk Behaviors in Organizations

Marc Cubrich, The University of Akron; Dennis Doverspike, Doverspike Consulting

The costs incurred from counterproductive work behaviors have been estimated at billions of dollars annually. Assessing the individual traits of job applicants may potentially prevent problematic employees from being hired in the first place. In two studies, we investigate the ability of newly developed assessments to predict counterproductive work behaviors.

37 Applicant Reactions to Gendered Wording in Job Advertisements

Sahra Kaboli-Nejad, University of Nebraska-Omaha; Eric Scheller, University of Nebraska at Omaha; Carey S. Ryan, University of Nebraska, Omaha

Women (vs. men) experienced greater stereotype threat and were less interested in applying for a male-dominated position, regardless of advertisement wording. Thus, femininely worded advertisements may not be enough to override societal stereotypes of male-dominated careers that are perceived to afford agentic versus communal goals.

38 Development and Validation of the Industrial/Organizational Psychology Interest Inventory

Jessica Sim, Elmhurst College; Patrick Nebl, Elmhurst College; Nicholas Jochim, Elmhurst College; Kevin Wang, Elmhurst College; Barbara Berent, Elmhurst College; Sara Sepkowski, Elmhurst College

The Industrial/Organizational Psychology Interest (IOPI) Inventory can be a tool for academic advising and the development of mentoring relationships. The IOPI consisted of 35 statements spanning seven subfields of I/O psychology; however, analyses indicated a six-factor model. The validity of the scale and future directions will be discussed.

39 General Trust and Cynicism: Do they translate to organizational attitudes?

Catherine Burr, University of Windsor; Catherine Kwantes, University of Windsor

The purpose of this study was to determine whether attitudes of trust and cynicism toward society in general predict attitudes of 1. organizational trust and 2. organizational cynicism. Results support the hypothesis that general trust predicts organizational trust and organizational cynicism but, contrary to expectations, general cynicism does not.

40 Moral Identity Centrality and (Dis)Approval of Prescriptive and Proscriptive Behaviors

Maggie Stets, Xavier University; Tammy Sonnentag, Xavier University; Laura Willman, Xavier University; Margaret Cullen-Conway, Xavier University; Stephanie Schaeper, Xavier University

We examined if expectations regarding the approval of prescriptive and disapproval of proscriptive behaviors depends on individuals’ moral identities. The more central morality to individuals’ identities the more they expected prescriptive behaviors to yield social approval. Centrality of morality was unassociated with expected disapproval of proscriptive behaviors.

41 Context and Sentiment Analyses of #WhyIDidntReport Tweets

Miranda Maher, Illinois State University; Paige Nagy, Illinois State University; Taylor Thomas, Illinois State University; Steven Dickey, Illinois State University; Kimberly Schneider, Illinois State University

In two studies, tweets involving recent trending Twitter topics on sexual assault and harassment are examined. The first study assesses #MeToo tweets and focuses on social reactions and targets' personal experiences. The second study will examine #WhyIDidntReport tweets by looking at factors that prevent targets from reporting and coping responses.

42 Commitment to Performance Management Predicts Supervisor Perceptions of Appraisal Interviews

Brad Wolfred, Indiana University-Purdue University Indianapolis; Montana Drawbaugh, Indiana University - Purdue University Indianapolis; Jane Williams, Indiana University - Purdue University Indianapolis

This study examined a newly developed measure of ‘commitment to performance management (PM). We examined how different types of commitment to PM predict supervisors’ reactions to PM activities. Affective commitment was the only significant predictor of supervisors’ perceived utility and satisfaction with their latest set of performance appraisal interviews.

43 Increasing Confidence and Sense of "Employment Worth" in Internship Students.

Dr Jill Sudak-Allison, Grand View University; Amy Getty, Grand View University

This study examined the impact of providing a two-day interactive workshop at the end of an 8 week Internship seminar course to help students gain a sense of their employee worth through the use of AAUW Start Smart curriculum. 125 students have participated in this program to date.

44 Communal Goals Partially Account for Women's Underrepresentation in STEM Occupations

Kilye J. Red, University of Nebraska at Omaha; Abigail Folberg, University of Nebraska Omaha; Carey S. Ryan, University of Nebraska, Omaha

We examined the effects of gender and communal goals on representation in STEM careers among working adults. Results revealed that women more strongly endorsed communal goals, which predicted women's underrepresentation in STEM careers. Thus, consistent with previous research on career interest, communal goals explain gender differences in actual career choice.

45 Faculty retention, coping and satisfaction

Neena Gopalan, University of Redlands

University faculty juggles work-family responsibilities in a unique working environment. Current study explores the role of work-family support and demographic variables including the number of years of service in predicting low turnover intentions, proactive coping and experience of more personal satisfaction among faculty. Practical and theoretical implications are put forward.

46 The Influence of Verbal Aggression on an Argument's Persuasiveness

Christopher Steele, Xavier University; Christian End, Xavier University

College students (*N* = 122) assessed a debate between two individuals. In this debate, an initiator utilized verbally aggressive language and a target responded neutrally or with verbal aggression. Results indicated that a verbally aggressive respondent received lower scores on measures of perceived authoritativeness, character, and persuasiveness.

47 Racism and Cynicism Predict Diversity Training Outcomes

Laura Brooks Dueland, University of Nebraska, Omaha; Carey S. Ryan, University of Nebraska, Omaha

Integrated and stand-alone diversity training did not differ in training outcomes. However, participants higher in pre-training symbolic racism learned marginally less, whereas those higher in pre-training cynicism perceived the training as having less workplace utility.

48 Measurement Invariance of the Negative Mood Regulation Expectancies Scale

Karolina Grotkowski, Rosalind Franklin University; Steven Miller, Rosalind Franklin University of Medicine and Science

Measurement invariance was evaluated on the Negative Mood Regulation Expectancies (NMRE) Scale to assess if measurement stability over two-weeks and different item formats. All NMRE items showed configural and weak invariance. Partial strong invariance was established, as twenty-five of 30 items showed invariant intercepts as well as variances and loadings.

49 Gaussian Mixture Model Personality Typology Replication via Model Based Clustering

Gregory Obert, Rosalind Franklin University Of Medicine and Science; Steven Miller, Rosalind Franklin University of Medicine and Science

Although personality types are generally rejected by personality researchers, Gerlach, Farb, Revelle, and Amaral (2018) identified four separate broad personality types: Average, Self-Centered, Reserved, and Role Model. A replication study was conducted using model based clustering. Two of four personality types replicated. Differences in estimation techniques and implications are discussed.

50 Narcissism, Social Worldviews, and Ideological Attitudes

Destaney Sauls, Oakland University; Mark Lehtman, Oakland University; Rania Bellaaj, Oakland University; Jennifer Vrabel, Oakland University; Virgil Zeigler-Hill, Oakland University

We examined the associations that narcissism had with ideological attitudes and social worldviews. Narcissistic admiration was positively associated with right-wing authoritarianism (RWA), whereas narcissistic rivalry was positively associated with social dominance orientation (SDO). Further, narcissistic rivalry had indirect associations with RWA and SDO through the competitive social worldview.

51 Obsessive-compulsiveness and disgust as predictors of eating and bathroom behavior.

Barbara Hunter, Southwestern Illinois College; Brooke Ingram, Southwestern Illinois College; Nyemba Bryant, Southwestern Illinois College

The relationship between obsessive-compulsiveness and disgust was examined within the contexts of eating and food sharing and bathroom-related behaviors. Our findings show obsessive-compulsiveness and disgust are related, but distinct concepts and they can be used to differentiate between categories of behavior.

52 Perception of Time and Post-Surgery Physical Rehabilitation

Maria Rowlett, Cleveland State University; Karmen Love, Cleveland State University

Participants who scored higher on the Present Hedonic subscale of the Zimbardo Time Perspective Inventory (Zimbardo & Boyd, 1999) significantly underestimated their recovery time following knee, hip, or shoulder surgery. The findings may aid in developing physical therapy strategies following surgery.

53 The Connections that Narcissistic Personality has with Conceptualizations of Sex

Mark Lehtman, Oakland University; Destaney Sauls, Oakland University; Rania Bellaaj, Oakland University; Jennifer Vrabel, Oakland University; Virgil Zeigler-Hill, Oakland University

We examined the connections that narcissistic admiration and narcissistic rivalry had with conceptualizations of sex in two studies. The results showed that narcissistic admiration was positively associated with agentic conceptualizations of sex, whereas narcissistic rivalry was negatively associated with communal conceptualizations of sex which mediated its associations with sociosexual orientation.

54 A Gritty Personality Buffers Against Academic Problems in College

Roseanna Hatton, Miami University; Katherine Knauft, Miami University of Ohio; Maggie Finn, Miami University; Madelyn Bray, Miami University; Kelly Eyler, Miami University; Vrinda Kalia, Miami University

Grit is positively associated with academic achievement whereas stress negatively impacts academic achievement. However, relation between grit, stress, and academic problems in college students is understudied. Grit, perceived stress and academic problems were assessed in college students. Findings indicate that gritty students experience less stress and have fewer academic problems.

55 Changes in Openness Predict Changes in Intellect: Growth Curve Analysis

Sophie Leib, Rosalind Franklin University of Medicine and Science; Steven Miller, Rosalind Franklin University of Medicine and Science

The longitudinal relationship between openness and intellect was examined. Data from the Michigan Health and Retirement Study were analyzed to determine if changes in openness predicted changes in intellect over time. Changes in openness significantly predicted changes in intellect. Results suggest openness may represent the expression of intellect in personality.

56 Conceptualizing Perfectionism: Utilizing Class Enumeration Process within Latent Profile Analysis

Lauren Drandorff, Rosalind Franklin University of Medicine and Science; Steven Miller, Rosalind Franklin University of Medicine and Science

Previous research has supported a three-class categorical conceptualization of perfectionism, consisting of maladaptive perfectionism, adaptive perfectionism, and non-perfectionism. Our study utilized novel latent profile analyses to identify the structure of perfectionism. We found a categorical, three-class conceptualization of perfectionism with categories consistent with the literature and elucidate item covariances.

57 Influences on Attitudes Associated with Seeking Psychological Help

Josie Baum, Muskingum University; Dinah Meyer, Muskingum University

University faculty, staff, and students (N = 143) completed questionnaires about their attitudes toward professional counseling. As opposed to students, older participants and faculty/staff reported more positive perceptions toward seeking psychological assistance. Results may be used in the formation of programming and resources for the student population.

58 The Impact of Situational and Individual Differences on Trust Decisions

Catherine Kwantes, University of Windsor; Kaitlin Smyth, University of Windsor; Megan Gancasz, University of Windsor

Trust and distrust decisions were found to fluctuate as the result of situational factors rather than high vs low personality-based trust. Trust and distrust decisions varied consistently in opposite directions for various situations. The magnitude of difference varied by situation with perception of target benevolence a key factor in decision

59 Conscientiousness and Body Discrepancy

Mitsuru Shimizu, Southern Illinois University Edwardsville; Page Nagel, Southern Illinois University Edwardsville; Zachary Leonard, Sourthen Illinois University Edwardsville

This study examines how conscientiousness influences discrepancy between current and ideal body size among college undergraduate students. The results demonstrated that both male and female participants with low (versus high) conscientiousness reported larger (versus smaller) body discrepancy than those with high (versus low) conscientiousness.

60 My Future Makes Me Sweat: Future-selves, Personality, & Skin Conductance

Dallas Robinson, Missouri State University; Tabetha Hopke, Missouri State University; Logan Griffin, Missouri State University; Rylee Cornelius, Missouri State University; Rebekkah Wall, Missouri State University; Cadence Johnson, Missouri State University; Emily Heinlein, Missouri State University; Amber Massey-Abernathy, Missouri State University

The current study examined the impact personality traits have on galvanic skin response when imagining positive and negative possible selves. Results revealed high conscientiousness is related to lower skin conductance when describing future positive selves and Machiavellian worldview is related to lower skin conductance when describing future negative selves.

61 The Many Faces of Personality: Social Selves

Tabetha Hopke, Missouri State University; Rebekkah Wall, Missouri State University; Dallas Robinson, Missouri State University; Logan Griffin, Missouri State University; Cadence Johnson, Missouri State University; Emily Heinlein, Missouri State University; Rylee Cornelius, Missouri State University; Amber Massey-Abernathy, Missouri State University; CaSandra Stanbrough, Missouri State University

This study compared an individual’s assessment of their own “Big Five” personality traits to assessments made by others. Results suggest that others (including family and friends) do not rate individuals the same way they rate themselves. The trait of neuroticism is most likely to be observed correctly by others.

62 Perfectionism, Stress, and Academic Motivation in College Students

Jessica Makenas, Central College; Keith Jones, Central College

This study examined the link between self-oriented and socially prescribed perfectionism and stress in a college sample. Both types of perfectionism and procrastination positively predicted of stress although only socially prescribed perfectionism was expected to play a negative role (Kawamura, Hunt, Frost, & DiBartolo, 2015).

63 Clergy members' and psychologists' education on familial suicide.

Rachel Heller, TCSPP; Kim Dell'Angela, The Chicago School of Professional Psychology

Psychologists and clergy support families in bereavement (Wilson & Marshall, 2010), including those bereaved by suicide. This study analyzes the similarities and differences in the ways in which religious clergy members from the Presbytarian, Catholic, Jewish, Islamic faith traditions and psychologists are taught how to work with families where there has been a suicide.

64 Student Success in Online Undergraduate Psychology Courses

Anna Martin, N/A; Jennifer Smith, Ohio State University

Course content may play a role in student success between course formats. Results showed course format (i.e. traditional vs. 100% online courses) indicated significant differences in achievement of undergraduate psychology students (N=2,230), with regression analysis showing individual characteristics (e.g. term GPA) being very predictive of student performance in online courses.

65 Gender and Racial/Ethnic Diversity in Graduate Psychology Programs

Daniel Michalski, American Psychological Association; Caroline Cope, American Psychological Association

Researchers addressed a significant gap to understanding the nascent psychology workforce by revising a survey to collect data on student demographics at the program level as opposed to previous years in which these data were collected by department. This revision offered a clearer snapshot of gender and racial/ethnic diversity in graduate psychology programs.

66 Challenge Accepted: Approach to Learning and Student’s Evaluation of Teaching

Aaron Beuoy, Murray State University; Jana Hackathorn, Murray State University

The current study examined the influence of the students’ characteristics (e.g., academic entitlement) on perceptions of two teachers: favorite and least favorite. These results indicate that students are not looking for an easy “A” and enjoy classes presenting them with challenging material.

Symposium

Mindfulness and Related Skills Associated with Proximal and Distal Outcomes

Thu. 1:00PM-2:50PM Indiana
Organizer: Peter Mezo, University of Toledo

There are a host of adaptive skills that have been shown to promote distal and proximal outcomes. Included among these skills are mindfulness and meditation practice, as well as emotion regulation and self-management. This symposium presents research in which these skills are considered in the context of each other and as predictors of valued outcomes. The first study investigates the simultaneous prediction of the distal negative outcomes of reported negative life events and perceived social support by mindfulness and self-management. The obtained findings indicate that mindfulness may uniquely predict reported negative life events, and conversely, self-management may uniquely predict perceived social support. The second study presents the findings of two virtual reality meditation conditions, in which the nature of the mindfulness meditation (either focused attention or open monitoring) resulted in different proximal outcomes in affect. Finally, the third study considered the interrelationship of mindfulness with reassurance seeking and emotion regulation. Moreover, emotion regulation was found to moderate the effect of mindfulness meditation on proximal negative affect. In sum, this research illustrates the extent to which mindfulness and related adaptive skills are interrelated and potentially complementary in their predictions of various outcomes.

Mindfulness and Self-Management in the Context of Reported Negative Life Events and Perceived Social Support
Justin R. Leiter-Mcbeth, Kelsey J. Pritchard, Kelsey Fairchild, Ethan E. Radatz, Peter G. Mezo, University of Toledo

Using Virtual Reality to Compare Types of Mindfulness Meditation
Hannah C. Herc, Kelsey J. Pritchard, Ben Harrison, Sarah E. Herr, Peter G. Mezo, University of Toledo

Emotion Regulation Deficits and Post-Virtual Reality Meditation Outcomes
Kelsey J. Pritchard, Hannah C. Herc, Ethan E. Radatz, Kellyann Navarre, Peter G. Mezo, University of Toledo

Diversity and Belonging

Thu 1:00PM - 2:50PM Kimball
Moderator: Rayne Bozeman, Chicago State University

1:00 What we talk about when we talk about trigger warnings: Defining the problem

Molly Metz, University of Toronto
Recent years have seen professionals in higher education battle over trigger warnings (TW), typically depicted as warnings given to students by instructors about sensitive topics. In this talk, I detail some of the major concerns surrounding TW in public discourse and offer new data that speak to how TW are conceptualized in practice.

1:30 Perceptions of social support shape group-based disparities in law school

Heidi Williams, Indiana University; Dorainne Levy, Indiana University, Bloomington; Victor Quintanilla, Indiana University; Gregory Walton, Stanford University; Sam Erman, University of Southern California; Michael Frisby, Indiana University; Mary C. Murphy, Indiana University
The present research explores how differences in perceived social support might contribute to group-based disparities in law school experiences and performance. Path analyses revealed that group-based disparities in students' perceptions of the quality of their relationships in law school can shape disparities in belonging, satisfaction, and grades in law school.

1:45 A Social-Belonging Intervention Improves Academic Achievement of ESL Students

Jennifer LaCosse, Indiana University; Mary C. Murphy, Indiana University; Nicholas Bowman, University of Iowa; Christine Logel, University of Waterloo; Elizabeth Canning, Indiana University
To address the underperformance of ESL students in STEM, we administered a short social-belonging intervention at 16 universities across the U.S. Results

indicated that ESL students who received the social-belonging intervention had a higher STEM GPA and earned more STEM credits than ESL students who did not receive the intervention.

2:15 Watching is Believing: Exploring the Benefits of Video Diversity Interventions

Chelsey Skipton, Indiana University Purdue University Indianapolis; Evava Pietri, Indiana University Purdue University Indianapolis

In an effort to increase diversity in STEM, we examined whether video interventions are more effective than written interventions. Our findings indicate that video interventions (compared to written) are more effective an encouraging parasocial contact (i.e., a sense of friendship) with a female target of bias in a STEM context.

2:30 Examining intersectional organizational identity safety-cues for Black women

Arielle Lewis, Indiana University-Purdue University Indianapolis; Leidy Trujillo, Indiana University-Purdue University Indianapolis; Evava Pietri, Indiana University Purdue University Indianapolis

We examined the influence of a Latina as an organizational identity-safety cue for Black women. Although a Latina was a better identity-safe cue than an Asian or White woman, a Latina did not induce trust and comfort to the same extent as a Black woman.

2:45 This is Fine: System Justification Theory and Perceived Immutability

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

This research demonstrated that justifying a system was positively correlated with perceiving a system as unchangeable ($\beta_{(217)} = .242$, $p = .001$). Analyses revealed relationships between perceived immutability and system justification and perceived immutability and perceived powerlessness ($\beta_{(217)} = .27$, $p < .001$).

Diverse Perspectives and Health

Thu 1:00PM - 2:50PM Logan

Moderator: Amber Henslee, Missouri University of Science & Technology

1:00 International Ratings of Life Experiences and Health

Dominica Chorostecki, University of Western Ontario; Mike Morrison, King's University College at the University of Western Ontario

We examined predictors of life satisfaction and health with a worldwide sample of participants from 76 countries. While there were some common predictors of life satisfaction, health satisfaction and objective life satisfaction, a number of regional, demographic and dispositional differences were also found. The various relationships and implications are discussed.

1:15 Antecedents of Religious Unbelief and their Implications for Morality

Tomas Stahl, University of Illinois at Chicago; Linda J. Skitka, University of Illinois, Chicago

We examined similarities and differences in the moral values endorsed by religious believers and unbelievers in two cross-national surveys (U.S. vs. Sweden). Unbelievers (vs. believers) were less inclined to endorse binding moral values, and the more constrained view of morality among unbelievers was attributable to three presumed antecedents of unbelief.

1:30 Developing a Scale to Measure Perceptions Towards Interracial/Interethnic Couples (PTICS)

Megan M. Morrison, Tennessee State University; Meera Komarraju, Southern Illinois University, Carbondale

Data was collected from 963 Amazon Mechanical Turk (AMT) workers (which was randomly split 60/40 to form exploratory and confirmatory datasets), to evaluate a newly developed Perceptions towards Interracial/Interethnic Couples Scale (PTICS). Reliability and validity analyses were especially promising for the relationship inferiority subscale and total PTICS scale.

1:45 Anti-bisexual Stigma, Internalized Heterosexism, Sexual Coercion among Bisexual Women

Selime Salim, Miami University; Amy McConnell, Miami University of Ohio; Terri Messman-Moore, Miami University

We examined whether aspects of anti-bisexual stigma are associated with verbal sexual coercion among bisexual women through the mediating role of internalized heterosexism. Results suggest that internalized heterosexism mediates the relation between aspects of anti-bisexual stigma (sexual orientation instability, sexual irresponsibility, and hostility) and verbal sexual coercion.

2:00 Disembodiment in Perception of Abortion Experiences: Surgical, Chemical, and Do-It-Yourself

Carly Miller, Western Illinois University

Chemical, surgical, and do-it-yourself (DIY) abortion methods encompass the abortion procedures available to female-bodied individuals. Perceptions of abortion procedures as inherently disembodied may result from inaccessabilitiy of accurate medical information regarding these procedures. I hypothesized that inaccessibility of accurate medical information on abortion methods would result in decreased disembodiment in female perceptions of the abortion experience.

2:15 Vitamin D Knowledge, Attitudes, and Behaviors

Madeline Johnson, Rosalind Franklin University of Medicine and Science; Kristin Schneider, Rosalind Franklin University of Medicine and Science

Results show VitD knowledge of sources and health benefits is low among the general population. Those who engage in more physical activity are not more knowledgeable about VitD but are more likely to be concerned about their VitD level and more likely to have had their VitD level evaluated.

2:30 Omission Bias in the "Crisis in the Treatment of Osteoporosis"

Erin Standen, University of Minnesota; Celina Furman, University of Minnesota; Susan Diem, University of Minnesota; Alexander J Rothman, University of Minnesota

This study provides evidence for an omission bias in the treatment of osteoporosis, such that people appear to underweight the risks of osteoporotic fractures and overweight the risk of side effects of osteoporosis medication. Interventions that target these tendencies may be an effective way to improve osteoporosis treatment outcomes.

Attitudes II

Thu 1:00PM - 2:50PM Chicago

Moderator: Andrew Luttrell, Ball State University

1:00 Convenient but biased? The reliability of convenience samples in research about communicating the scientific consensus on climate change

Matthew Goldberg, Yale University

We tested a robust finding in four identical experiments across three platforms using two study designs. Results show effect sizes ranging from near-zero to large. We use rake weighting to determine whether different results from identical experiments are due to underlying sample differences or to the unreliability of effects.

1:30 Online Bots Induced Disconsensus: Implications for Attitude Strength and Advocacy

Ji Xia, University at Buffalo; Kenneth DeMarree, The University at Buffalo; Shira Gabriel, SUNY Buffalo; Elaine Paravati, University at Buffalo, State University of New York; Melanie Green, The University at Buffalo

This research examines how online bots affect people’s attitudinal outcomes. Our data suggests when counter-attitudinal arguments were presented as computer-generated, participants discounted this information and perceived higher consensus that led them to have higher attitude certainty (clarity and correctness), which in turn, led to higher advocacy intentions (sharing and persuasion).

1:45 How Amount of Knowledge Influences Attitudes Toward Job Candidates

Joshua Guyer, Saint Louis University (Madrid); Borja Paredes, IE University; David Santos, Universidad Autónoma de Madrid; Beatriz Gandarillas, Universidad Francisco de Vitoria; Pablo Brinol, Ohio State University; Richard Petty, Ohio State University, Columbus

This research shows that having more (vs. less) information about an actual job candidate makes people more certain about their attitudes toward the candidate without affecting their attitudes. This knowledge led people to rely on their attitudes more when making a hiring decision and to resist an anti-candidate message.

2:00 Examining when and how evaluations of action and inaction differ

Aashna Sunderrajan, University of Illinois at Urbana-Champaign; Dolores Albarracin, University of Illinois

Naïve definitions reveal that attitudes towards actions are more positive than those towards inactions. Confirming this, we find that lay conceptualizations of actions and inactions differ, with actions evaluated more favorably than inactions. But, we also find that manipulations of intentionality can help attenuate this bias.

2:15 How the Attitude Attributions of Others Influence Advocacy Likelihood

Jacob Teeny, The Ohio State University; Richard Petty, Ohio State University, Columbus

This research sheds light on the current political polarization by examining how attributions about another’s attitude basis influences one’s advocacy likelihood. Specifically, perceiving someone to have a morally (vs. practicality) based attitude leads to inferences that the person’s attitude is stronger and subsequently more difficult to change, reducing advocacy intentions.

2:30 Need for Cognition Moderates Attitude-Intention Correspondence toward Doping

Joshua Guyer, Saint Louis University (Madrid); Javier Horcajo, Universidad Autonoma de Madrid; David Santos, Universidad Autónoma de Madrid; Lorena Moreno, Universidad Autonoma de Madrid
This research showed that Need for Cognition (NC) is an important determinant of the relationship between attitudes and behavioral intentions related to doping in sports. Specifically, attitudes were more predictive of intentions for high-NC than for low-NC individuals, even though no difference in attitude favorability emerged across levels of NC.

Thinking About Ourselves and Our Groups

Thu 1:00PM - 2:50PM Salon 6/7
Moderator: Megan McCarty, Amherst College

1:00 Open-minded group cognition

Jeremy Winget, Loyola University Chicago; Victor C. Ottati, Loyola University Chicago; Scott Tindale, Loyola University Chicago
The situational merit standard hypothesis states social norms dictate when open-minded condition (OMC) is appropriate. One context we expect normatively less open-mindedness is group dynamics. In one study, we manipulated target group membership and measured OMC. In a second study, we manipulated open-minded norms within a group and measured OMC.

1:15 Movies Matter: Two Paths to Collective Effervescence

Esha Naidu, State University of New York at Buffalo; Shira Gabriel, SUNY Buffalo; Elaine Paravati, University at Buffalo, State University of New York
Collective effervescence, the sensation of self-transcendence when in a crowd, leads to a host of positive outcomes. The current research explores what characteristics of events are most likely to lead to these collective effervescent experiences. Findings suggest two different pathways towards collective effervescence: an engaged crowd, and an engaging activity.

1:30 Increasing Women's Self-Efficacy Through Naturally Embedded Peer Role Models

Virginia Rhodes, Indiana University - Purdue University Indianapolis; Evava Pietri, Indiana University Purdue University Indianapolis; Leslie Ashburn-Nardo, Indiana University-Purdue University Indianapolis; Pratibha Varma-Nelson, Indiana University - Purdue University Indianapolis

The current research explored the role of matching the gender of students and peer-leaders of chemistry workshops in an effort to increase students' self-efficacy in science. The significant difference in self-efficacy between female and male students disappeared when female students were paired with a female peer-leader.

1:45 How the Presence/Absence of Pre-advice Judgment Influences Advice Taking in Groups

Young-Jae Yoon, Loyola University Chicago; James Larson, Loyola University Chicago; Scott Tindale, Loyola University Chicago

Across two experiments, we examined how the presence/absence of pre-advice judgments influences advice taking by groups. Results indicate that groups are less open to advice when they have already reported an initial (pre-advice) judgment. The effect of pre-advice judgment on final judgment accuracy is mediated by advice evaluation and utilization.

2:00 Self-Affirmation Via Groups: The Role of the Group in the Self-Concept

Christopher Mellinger, University of Colorado Boulder; Joshua Correll, University of Colorado Boulder; Bernadette Park, University of Colorado Boulder

Self-Categorization Theory holds that the personal and social self-concepts often remain separate, but allows for the possibility of cross-level influence. Across three studies, we show that social identities can act as self-affirmational buffers of people's personal self-esteem. This occurs primarily for groups that are an important aspect of the self-concept.

2:15 Comparing Measures of Identity Fusion and Group Identification

Olivia Kuljian, Texas Tech University; Zachary Hohman, Texas Tech University; Michael Hogg, Claremont Graduate University

We examined if identity fusion is a distinct construct from group identification. Results indicated that identity fusion and group identification measures were strongly correlated, and all items loaded onto one factor. Therefore, identity fusion and group identification may not be separate factors, but indicators of the same underlying construct.

2:30 For Our Own Good: Victim Blaming and Social Identity
Kathryn Klement, Bemidji State University; Kate Larson, Bemidji State University; Brad Sagarin, Northern Illinois University; Ellen Lee, Ripon College
Two studies (S1 N = 181; S2 N = 218) showed the effect of participants' and victims' social identity on judgments of a hypothetical rape scenario. Participants induced to highly identify with a group evaluated an ingroup victim more negatively than an outgroup victim, even controlling for rape myth acceptance.

Cognitive, Learning and Education I

Thu 1:00PM - 2:50PM Wilson
Moderator: Jeff Kellogg, Marian University

1:00 Opportunities to Fact-check Can Reduce Reliance on Inaccurate Information
Amalia Donovan, Northwestern University; David Rapp, Northwestern University
Research repeatedly demonstrates that people problematically use recently read inaccuracies to complete subsequent tasks. We investigated whether the opportunity to consult additional information while completing a post-reading task could attenuate these effects. Participants who consulted additional sources indeed reproduced fewer previously read inaccuracies than did participants offered no such opportunity.

1:15 Stressed to impress: Pressure effects on social contagion of memory
Nikita Salovich, Northwestern University; Jessica Andrews, Educational Testing Service (ETS); David Rapp, Northwestern University
People's reliance on information provided to them in collaborative settings, whether correct or incorrect, has been termed *social contagion*. The current experiment tested whether social pressure influences such reliance. The results demonstrate that people use inaccuracies provided to them by partners regardless of induced social pressure.

1:30 Love It or Interleave It: Practice Schedules and Problem Solving
Marta Mielicki, University of Illinois at Chicago; Jennifer Wiley, University of Illinois at Chicago
Interleaved practice is thought to lead to better learning than blocked practice. Hybrid practice schedules incorporate some blocked practice and some interleaved practice and may have additional benefits for learning. This

research explored the potential benefits of hybrid practice schedules for complex math problems.

1:45 When is Note-Taking Noteworthy for Learning from Text?

Tricia Guerrero, University of Illinois at Chicago; Jennifer Wiley, University of Illinois at Chicago

The current study tested the constructive activity hypothesis that engaging in transformative processing may be critical to support better understanding. Notes taken during study were analyzed for content and structure. The relations between note-taking measures and test performance from an expository text suggested a relationship between note quality and performance.

2:00 Supporting Problem Solving using Declarative Concepts: Definitions, Examples, or Both?

Amanda Zamary, Kent State University; Katherine Rawson, Kent State University

Declarative concepts are abstract concepts denoted by key terms and short definitions (Rawson, Thomas, & Jacoby, 2015). The primary aim of this research was to test the dual-route hypothesis, which states that problem solving using declarative concepts will be greater following practice of both definitions and examples versus either alone.

2:15 Can Successive Relearning Promote Student Achievement?

Jessica Janes, Kent State University; John Dunlosky, Kent State University; Katherine Rawson, Kent State University; Aaron Jasnow, Kent State University

Can *successive relearning* promote student achievement in an authentic educational context? In two experiments, students in a difficult Biopsychology course engaged in successive relearning via a virtual flashcard program to learn key concepts for their exam. Outcomes were impressive: successive relearning boosted exam performance by more than a letter grade.

2:30 Elaborations in Expository Text: Greater Reading Time and Lower Learning

Nola Daley, Kent State University; Katherine Rawson, Kent State University

Textbooks commonly include elaborations. How do these elaborations affect learning and processing of the main ideas? Participants studied a text with or without elaborations and returned later to take tests of their learning. Results indicate elaborations impair memory, impose a large time cost, and disrupt student processing of main ideas.

Political Psychology

Thu 1:00PM - 2:50PM Salon 3
Moderator: Eric Wesselmann, Illinois State University

1:00 Fairness: What it is, what it isn't, and what it might be for
Alex Shaw, University of Chicago
My research argues that people's fairness concerns are at least partially rooted in a desire to avoid being judged for showing favoritism. I demonstrate how this can sometimes lead people to waste resources. Finally, it will explore how we can mitigate this waste and increase people’s satisfaction with (fair) inequality.

1:30 Ideological Differences in Using Social Class Categories to Organize Society
Pete Ondish; Chadly Stern, University of Illinois at Urbana-Champaign
Why do liberals and conservatives often disagree on legislation that would reduce economic inequality in the United States? By integrating historical and contemporary theories, the present work finds that policy disagreements partially result from how liberals and conservatives differ in their use of social class categories to organize and understand society.

1:45 Free Will Beliefs Among Conservatives Affect Judgments of Others
Janelle Sherman, Indiana University; Edward R. Hirt, Indiana University-Bloomington
Conservatives show higher endorsement of free will beliefs. Our study examined whether conservatives’ free will beliefs lead them to hold ingroup and outgroup targets equally responsible for their own misfortune. Results suggest conservatives hold victims responsible, regardless of ingroup status. Thus, conservatives’ free will beliefs appear to trump ingroup loyalty.

2:00 Unjustifiable: Americans condemn instead of justify systems
Andrea Bellovary, DePaul University; Christine Reyna, DePaul University; Jennifer Zimmerman, DePaul University
System justifying beliefs can adversely affect low-status individuals and progress in society; but do people really justify systems? Several studies reveal that participants do not appear to be justifying various American systems; instead, it appears that, across racial and economic boundaries, participants are condemning and qualifying systems more than justifying.

2:30 Perceiving Science as Benefiting Society Predicts Trust in Science
Tessa Benson-Greenwald, Indiana University; Amanda Diekman, Indiana University; Alejandro Trujillo, Miami University
Public support for science is at risk; understanding how people construe the goals of science can provide insight. In two studies, perceiving communal purpose in science predicted trust in science (particularly for conservatives in Study 2). Understanding psychological processes underlying trust in science can inform public outreach.

Friendship Dynamics

Thu 1:00PM - 2:50PM Salon 5/8
Moderator: Sara L. Bagley, Lindenwood University

1:00 Interpreting Aggregated Friendship Quality: Archetype or Social Health Marker?
Kelci Harris, University of Toronto
Aggregation is a popular technique for handling self-reports of friendship quality with multiple friends, however, the interpretation of aggregated friendship quality is unclear. Is the aggregate an archetypal representation of a person's friends or a marker of social health? This talk explores how aggregated friendship quality might best be interpreted.

1:30 Situated Network Effects on Social Support
Jonathan Stahl, The Ohio State University; David Lee, The Ohio State University; Joseph Bayer, The Ohio State University
Psychological research on social support has largely been dyadic. However, people often turn to multiple individuals for support; this suggests that social support research may benefit from a network perspective. Here, we find that the denser (i.e., more interconnected) one's activated support network is, the more available support they perceive.

1:45 Social Network Analysis: A visual and statistical method of relational data
Mariana Juras, Eastern Illinois University; Sydney Rohmann, Eastern Illinois University; Aaron Brockie, Eastern Illinois University
Social Network Analysis (SNA) is a methodology that provides statistical measures and graphs to visualize relational data from a variety of settings. This presentation will provide information about social network theory and main concepts, descriptive and statistical measures of social networks analysis, examples of SNA data collection and further resources.

2:00 We need to talk: Overestimating the negative consequences of confrontation

James Dungan, University of Chicago; Nicholas Epley, University of Chicago

People avoid talking openly about issues in their relationships because they believe these confrontations will end poorly. We find that this belief is miscalibrated: people systematically *overestimate* how badly confrontations will go because they *underestimate* how much the people they're confronting have prosocial intentions (e.g., will sympathize with their perspective).

2:15 Attachment Insecurity Biases Perceived Social Network Approval of Romantic Relationships

Craig Brinkman, University at Buffalo; Sandra Murray, University at Buffalo

The current research examines the influence of attachment anxiety on perceptions of family members' and friends' approval of individuals' romantic relationships. Results of two studies show that attachment anxiety predicts lower perceived social network approval, and perceived approval mediates the relationship between anxiety and relationship quality (trust, commitment).

2:30 Causal uncertainty and computer-mediated communication

Erika Peter, Queen's University; Eliane Boucher, Providence College; Jill A. Jacobson, Queen's University

A 2006 study found that high causally uncertain people preferred computer-mediated communication to face-to-face exchanges. This was before smart phones were so widely used, so we conducted a replication of the effect. High causally uncertain people continue to prefer computer-mediated over face-to-face exchanges more than low causally uncertain people do.

Applied Social: Measurement

Thu 1:00PM - 2:50PM Salon 1

Moderator: Dustin R. Nadler, Maryville University

1:00 Examining psychological processes with computational modeling: An example with teams

Goran Kuljanin, DePaul University

One aspect of psychological theories focuses on the generative processes responsible for human affect, behavior, cognition, and social relations. Computational modeling offers a tool to develop process-oriented theories and facilitate the design of empirical research to investigate generative psychological processes. This presentation provides an example of its use with teams.

1:30 A Scale to Measure Time Attitudes, Beliefs, and Behaviors
Cheyene Horner, Cleveland State University; Courtney Kerch, Cleveland State University; Maria Rowlett, Cleveland State University; Steve Slane, Cleveland State University
In response to conceptual and psychometric problems with current scales, a more comprehensive scale of time-related attitudes, behaviors, and beliefs was developed. The scale contains six-factors with Cronbach alphas ranging from .69 to .81: Time Urgency, Perceptions of Procrastinators, Tardiness Concern, Promptness, Time Management, and Procrastination.

1:45 Measuring Burnout in Employed University Students
Kristin Schramer, University of Windsor; Carolyn Rauti, University of Windsor; Arief Kartolo, University of Windsor; Catherine Kwantes, University of Windsor
Employed students may be prone to burnout as they experience academic and occupational stress simultaneously. This study developed and validated a novel tool to assess burnout in employed students. A two-dimension model of employed student burnout emerged; 1) apathy and lack of motivation, and (2) exhaustion was developed and validated.

2:00 Expanding the TABS Instrument for Use with Diverse Trans* Identities
Deborah Miller, Indiana University East; Amanda Kraha, Indiana University East; Haley Perez-Arche, Ball State University
Ethical transgender research require acknowledging the transgender community as a diverse group with identities such as trans men, trans women, and nonbinary people. This study expands the Transgender Attitudes and Beliefs Scale (Kanamori, 2017) for use with transgender subgroups since few if any measures have been validated for this purpose.

2:15 The Trials and Tribulations of Developing the Romantic Conflict Measure
Nicole Hayes, Iowa State University; Elizabeth Lloyd-Richardson, University of Massachusetts- Dartmouth; Monica Marsee, Iowa State University
Aggressive behaviors can vary in form and function. However, within the romantic relationship domain, current measures do not assess both. The overarching goals of these two studies is the development and refinement of

the Romantic Conflict Measure (RCM), which assesses *both* the forms and functions of aggression in dating relationships.

2:30 Narcissism and Respect in Romantic Relationships
Jennifer Vrabel, Oakland University; Virgil Zeigler-Hill, Oakland University
The present research examined the connections that narcissistic admiration (i.e., assertive self-enhancement) and narcissistic rivalry (i.e., antagonistic self-protection) had with perceptions of respect in romantic relationships. Across two studies, the results revealed that these two forms of narcissism had unique and divergent associations with perceived respect from one's romantic partner.

Stress and Hormones

Thu 1:00PM - 2:50PM Salon 4/9
Moderator: Dennis K. Miller, University of Mossouri

1:00 Stress and emotions in dyadic relationships: A challenge and threat perspective
Brett J. Peters, Ohio University
This talk will illustrate how the biopsychosocial model of challenge and threat can help elucidate the underlying mechanisms of stress, cognitive, and affective processes on physiological and behavioral outcomes in dyadic relationships.

1:30 Effects of Enrichment and Midazolam on Anxiety Measures in Rats
Connor Wunsch, Creighton University; Nicole Chacho, Creighton University; Rachel Busselman, Creighton University; Lauren Pipitone, Creighton University; Hadi Berbari, Creighton University; Morgan Hamersky, Creighton University; Will Ramsey, Creighton University; Kimberly Holter, Creighton University; Becca McWilliams, Creighton University; Dustin Stairs, Creighton University
Rats were exposed to either enriched (EC), isolated (IC), or social (SC) condition during development then tested in fear conditioning, forced swim task and elevated plus maze following midazolam pretreatments. IC rats showed altered levels of anxiety compared to EC and SC rats and midazolam normalized their anxiety-like behaviors.

1:45 Resilience: The Relation Between Personality, Social Support, And Cortisol Levels

Elisheva Havlik, University of Northern Iowa; Seong-In Choi, University of Northern Iowa

The relation between personality, social support, and cortisol levels in response to stress in undergraduates was investigated. As hypothesized, resilience was significantly positively correlated with extraversion, agreeableness, conscientiousness, emotional stability and social support. Further, resilience moderated the relationship between extraversion and cortisol reactivity and emotional stability and cortisol reactivity.

2:00 Intranasal Vasopressin Has Dose-Dependent Effects on Affiliation and Aggression in California Mice

Caleigh Guoynes, UW Madison

Vasopressin (AVP) is a neuropeptide that modulates complex social behaviors; however, we know little about how AVP influences affiliation and aggression at different doses. This study found that at low and medium doses, AVP increased aggression in both males and females but at high doses it increased affiation in females only.

MPA Invited Presidential Address

Cognitive Limitations of Children, Citizens, and Scientists

Nelson Cowan, University of Missouri
CowanN@missouri.edu

Thu. 1:00PM – 2:50PM Crystal
Moderator: James Bodle, Mount Saint Joseph

People overestimate their abilities in situations ranging from simple working memory tasks to scientific theory-building. I will present working memory results in studies probing people's knowledge of their own mental contents and I will consider potential implications of the findings for children's intellectual development, adults' social discourse, and scientific debates.

Invited Symposium

The Influence of Math Cognition on Academic Outcomes

Thu. 1:00PM-2:50PM Salon 12
Organizer: Thomas S. Redick, Purdue University

Development of math cognition is a significant educational target for students of all ages. Understanding the cause of individual and developmental differences in math cognition, and possible targets for intervention, is critical for teachers, parents, students, policy makers, and researchers across disciplines.

Math Anxiety Experienced During Proportional Reasoning Learning and Problem Solving
Kelly Trezise, University of Chicago

Grade of Acquisition of Understanding of Mathematical Equivalence in Elementary School Predicts Algebra Readiness in Middle School
Caroline B. Hornburg, Purdue University; Brianna L. Devlin, University of Delaware; Nicole M. McNeil, University of Notre Dame

The Development of Children's Early Patterning Skills and Implications for Mathematics Education
Emily R. Fyfe, Indiana University

Improving Preschoolers' Numeracy Skills Through Storybooks: Effects of Quantitative vs. Spatial Language
David J. Purpura, Purdue University; Amy R. Napoli, Purdue University

Symposium

The Contagion of Violence in Multiple Contexts

Thu. 3:00PM-4:00PM Wilson
Organizer: L. Rowell Huesmann, University of Michigan Ann Arbor

Violence can be viewed as a contagious disease. If youth are exposed to violence, their own risk of behaving violently increases. Yet, unlike most contagious diseases, a person does not need to be very close to the violence in order to be infected with it. One can catch it at a distance. The infecting exposure can be an exposure to violence right in front of the person or it can be an exposure to distant violence through electronic media. The violence can be real-world violence or it can be dramatized violence. Furthermore, like many diseases, once a person catches the violence disease, the person becomes an infecting agent who can pass the disease to others.

In this symposium we argue that this contagion happens because various social cognitions and emotional reactions are automatically acquired through observational learning and subsequently promote violent and aggressive behavior. We present evidence from three longitudinal studies conducted with quite different samples of youth. In one study we examine the relation of exposure to proximal real-world ethnic-political violence on subsequent serious violent behavior directed at peers by Palestinian and Israeli youth. In another we examine the relation of exposure of high risk American youth to media violence, video game violence, family violence, and neighborhood gun violence on subsequent violent behavior with weapons. In the third we examine the extent to which exposure to violence and weapon use by friends promotes violence with weapons within social networks of normal American youth. In all three studies we find that exposure over time leads to a subsequent increased risk of behaving aggressively and violently.

Contagious Effects of Youths' Exposure to Political Violence in Middle-East

Eric F. Dubow, Bowling Green State University & University of Michigan; L. Rowell Huesmann, University of Michigan; Cathy Smith, University of

Michigan; Paul Boxer, Rutgers University

Youths' Violence Exposure in Multiple Domains and Subsequent Weapons Use
Rowell Huesmann, University of Michigan; Eric F. Dubow, Bowling Green State University & University of Michigan; Cathy Smith, University of Michigan

Violence Spreads Like a Disease Within Social Networks
Brad J. Bushman, Ohio State University; Robert M. Bond, Ohio State University

Symposium

Child Anxiety: Parent and Child Cognitive Risk and Protective Factors

Thu. 3:00PM – 4:00PM Indiana
Organizer: Susan Doyle, The University of Toledo

Anxiety disorders are the most commonly diagnosed psychiatric disorders among children and adolescents (Cartwright-Hatton, McNicol, & Doubleday, 2006), with one third of individuals meeting criteria for an anxiety disorder in their lifetime (Merikangas et al., 2010). A childhood anxiety disorder is associated with functional impairments across domains (Ezpeleta, Keeler, Alaatin, Costello, & Angold, 2001) and is predictive of future psychopathology (Kessler et al., 2012). Because of prevalence and resulting impairment, it is important to assess risk and protective factors associated with the development of pathological anxiety.

A multitude of predictive factors for child anxiety have been examined, including heredity (Turner, Beidel, & Costello, 1987), parenting behaviors (Chorpita & Barlow, 1998) and socioeconomic status (Guerrero, Hishinuma, Andrade, Nishimura, & Cunanan, 2006). One class of variables that appear to be particularly important—especially in integrative theoretical frameworks—are cognitive vulnerability and resiliency factors (e.g., Barlow, 1988), including thoughts and beliefs experienced by the child or parent. This talk reviews the relationship between childhood anxiety symptoms and various cognitive factors at both the level of the child—perceived control of anxiety, perceived parental overprotection, and metacognitive beliefs—and the parent—parental beliefs about anxiety and anxiety sensitivity, in a school sample.

Understanding relevant pathways of relationships between child and parent cognitive factors is another important consideration which holds clinical implications. This includes assessing the mechanisms of association, as well as interactive effects, between child and parent cognitive factors. The understanding of these pathways might assist in identifying children who are at risk for developing an anxiety disorder. Understanding mechanisms and moderating factors of these relationships can inform targets for prevention/intervention programming, and treatment planning. Overall, the delineation of the relationships between child and parent cognitive factors, as they pertain to the development and maintenance of child anxiety, can inform effective clinical work.

Clinical Usefulness of Parental Indicators of Child Anxiety
Susan Doyle, University of Toledo; Shannon Manley, University of Toledo; Sarah E. Francis, University of Toledo

Metacognitive Beliefs Underlying Socially-Anxious Behaviors in Childhood
Emily Meadows, University of Toledo; Shannon Manley, University of Toledo; Sarah E. Francis, University of Toledo

Metacognitive Beliefs in Relation to Worry and GAD
Clayton Allred, University of Toledo; Shannon Manley, University of Toledo; Sarah E. Francis, University of Toledo

Overprotection and Child Anxiety: Mediation of Perceived Control of Anxiety
Shannon Manley, University of Toledo; Sarah E. Francis, University of Toledo

Parental Beliefs about Anxiety - A Cognitive Risk for Child Anxiety?
Sarah E. Francis, University of Toledo; Shannon Manley University of Toledo; Susan Doyle, University of Toledo

Symposium

Sexual Harassment and Objectification of Women

Thu. 3:00PM-4:50PM Kimball
Organizer: Maayan Dvir, Illinois State University; Eric Wesselmann, Illinois State University;
Discussant: John B. Pryor, Illinois State University;

Sexual objectification – a category of behaviors that make someone feel as if they are merely a body that exists for the use and pleasure of others – ranges from sexual assault to explicit and subtle forms of sexual harassment. Previous research has shown that most women have experienced a type of sexual objectification at least once in their lives, and that both men and women are exposed to sexually objectifying portrayals of women in the media daily (Fredrickson & Roberts, 1997). The prevalence of sexual objectification was also demonstrated in October 2017 on social media when within two weeks over 1.7 million people responded to Alyssa Milano's call to post "#metoo" if they had experienced sexual harassment or sexual assault. The #metoo campaign initiated a public discussion regarding issues that surround sexual objectification. To inform the public discussion at this sensitive time, and to encourage further research of these issues, this symposium presents quantitative correlational and experimental research, as well as archival qualitative research. We close with a discussion of how these various studies frame future directions for research on sexual harassment and objectification, and the potential implications of this research to the public.

Race and Status Impact Perceived Guilt of Sexual Harassment Perpetrators

Michael J. Bernstein, Pennsylvania State University Abington; Pam N. Dayley, Pennsylvania State University Abington; Andia Anderson, Pennsylvania State University Abington

Descriptions of Sexual Objectification in #MeToo and #WhyIDidntReport Tweets

Anna George, Illinois State University; Lydia Marvin, Illinois State University; Kimberly T. Schneider, Illinois State University; Nathan J. Carpenter, Illinois State University

The Relation Between Sexual Objectification and Ostracism
Maayan Dvir, Illinois State University; Janice R. Kelly, Purdue University; Kipling D. Williams, Purdue University

Sexual Objectification Reduces Women's Academic Performance Due to Reduced Hope
Abigail R. Riemer, University of Nebraska-Lincoln; Sarah J. Gervais, University of Nebraska-Lincoln; M. Meghan Davidson, University of Nebraska-Lincoln

"I am a Strong, Independent Woman?" Exploring Origins of Uptalk
Regina R. Henares, Purdue University; Tomi-Ann Roberts, Colorado College; Christina Tzeng, Emory University

Invited Workshops

NSF Funding and Insights

Tamera Schneider, Wright State University
tamera.schneider@wright.edu

Thur. 3:00PM – 4:50PM Salon 2

Want to discuss NSF funding? Faculty who have NSF awards can discuss their questions and to gain insights. Faculty who would like to secure funding can discuss projects and potential NSF Program fits. Postdocs and graduate students may also be interested in funding opportunities.

Cognitive Psychology Posters

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

1 Positive Caregiving Experiences, Neuropsychiatric Symptoms, and Caregiver Burden in Dementia

John Martin, Kent State University; Kimberly Chapman, Kent State University; Jason Anderson, Kent State University; Mary Beth Spitznagel, Kent State University

Positive aspects of caregiving (PAC) were examined as a potential moderator in the relationship between behavioral symptoms of dementia care recipients and burden in their caregivers. Self-report measures were completed by 820 family caregivers for persons with dementia. PAC did not moderate the relationship between behavioral symptoms and caregiver burden.

2 The Effects of Social Resources on Retirement Satisfaction

Kaleena Odd, University of Nebraska at Omaha

The current study examined the mediating role of positive and negative affect on the associations between satisfaction with support and positive and negative social interactions as predictors of retirement satisfaction. The findings support the notion that positive and negative social interactions and positive and negative affect influence retirement satisfaction.

3 Prosopagnosia decreases eye contact, and increases social challenges

Robert Hallock, Purdue Northwest; Taylor Mihalic, Purdue Northwest

We explored the use of eye contact among prosopagnosics, as well as the social consequences of the being unable to remember faces. First, we found they report less eye contact than controls. Second, we found that 77% of Prosopagnosics report that it negatively affects their relationships.

4 How Performance Expectations Relate to Estimates of Rim Distance

Jeff Kellogg, Marian University

We examined the effect of performance and expectations on perception. Participants predicted free throws made before shooting and estimated the diameter and distance to the rim. We found a three-way interaction between experience, estimate timing, and difference between made and predicted for rim distance, indicating expectations and performance influence perception.

5 Female and Male Patterns of Objectification

David C. Matz, Augsburg University; Savannah Stevens, Augsburg Univeristy; Simona Mackovichova, Augsburg College

We examined the influence of participant gender, sex of target, and task orientation (judging appearance vs. personality) on participants' tendency to exhibit an objectifying gaze. Results indicate that participants examined the body regions of female targets more than male targets and that this tendency was slightly more prevalent among males.

6 Global Sound Features: Perceiving the Gist of Auditory Information at Brief Exposures

Holly Ambruso, University of Wisconsin - Parkside; Megan Schulte, University of Wisconsin - Parkside; Melissa Gregg, University of Wisconsin Parkside

This study examines whether global sound features contribute to rapid auditory gist perception. Participants completed a rapid categorization task on environmental sounds using basic-level category information or global sound feature information. Results indicated that the information listeners use to extract auditory gist depend on the sound type.

7 Forming Action-Effect Contingencies through Observation and Performance of a Dot-Control Task

Jasmine Mason, Illinois State University; J. Scott Jordan, Illinois State University; Yonca Cam, Illinois State University

Previous research suggests observers form action-effect pairings without performing the action themselves. After a dot-control task, we assessed the strength of observer's action-effect pairings, depending on how much visual access they had to the task. Results suggest that observers have this ability without visual access to controller actions.

8 Sleep, Goal Orientation, and State Anxiety on Attentional Emotional Bias

Joseph Johnson, Wittenberg University; Stephanie Little, Wittenberg University

This study investigated the interactive roles of sleep quality, state anxiety, and goal orientation on attentional bias toward emotional stimuli following the receipt of positive or negative feedback. Results revealed that individuals with lower sleep quality showed a bias toward neutral stimuli following the receipt of positive feedback.

9 On the Learning Difficulty of Five-Dimensional Categorical Stimuli

Karina-Mikayla Doan, Ohio University; Charles Doan, Marietta College; Ronaldo Vigo, Ohio University

While previous investigations limit categorization to four-dimensional categories, we assess learning difficulty for a key family of five-dimensional categories and compare results to the commonly tested $3_2[4]$ family. We account for the results using the Generalized Invariance Structure Theory Model (Vigo, 2013, 2014) and Generalized Context Model (Nosofsky, 1984, 1986).

10 Exploring Unsupervised Categorization of Integral-dimension Color Stimuli

Charles Doan, Marietta College; Ethan Bunnell, Marietta College; Stephanie Monroe, Marietta College; Celeste Prince, Marietta College

Investigations into unsupervised classification behavior reveal one-dimensional, family-resemblance, and other types of sorting strategies. Extending this literature, we conducted two category modification experiments with stimuli defined over integral stimulus dimensions. We found that *generalized representational information theory* (GRIT; Vigo, 2013, 2014) accounts for the results more accurately than alternative theories.

11 Latent Semantic Analysis of Category Fluency in Mild Cognitive Impairment

Erin Gandelman, Rosalind Franklin University of Medicine and Science; Margaret Abraham, Rosalind Franklin University of Medicine and Science; Steven Miller, Rosalind Franklin University of Medicine and Science

The links between genetic makeup and clear behavioral markers are difficult to see. Using latent semantic analysis of linguistic data on category fluency, we attempted to classify individuals into two or three category typologies of cognitive impairment. We were over 70% accurate in all cases, but never achieved 90% accuracy.

12 Beyond Wealth: Social-Environment as a Protective Factor in Nicaragua

Elayne Teska, University of Chicago; Lindsey Richland, University of California, Irvine

This report examines the link between *structure in the home, social engagement,* and *enrollment in early education*on 1,826 children's cognitive and social-emotional development in Nicaragua. Results from this study provide new evidence that the proximal context in which a child develops is crucially important for cognitive and social-emotional outcomes.

13 Manual Directional Gestures Facilitate Cross-Modal Perceptual Learning

Anna Zhen, Indiana University; Stephen Hedger, University of Chicago; Shannon Heald, University of Chicago; Susan Goldin-Meadow, University of Chicago; Xing Tian, New York University Shanghai

Our study found that directional manual gestures facilitate perceptual learning of Mandarin tones for English speakers. These results suggest that alignment via a common representation of an acoustic feature among motor and sensory modalities can mediate and facilitate multimodal perceptual learning.

14 Voice Pitch Influences on Teaching Evaluation and Student Learning

Thomas Augustin, Fort Hays State University

Data gathered from undergraduate students who partook in a simulated online lecture was evaluated to determine if voice pitch, professor gender, and subject taught would have an effect on professor evaluations and student learning. Results indicate these variables have significant effects on professor evaluations and student comprehension.

15 Dynamic Visual Noise Effects on Concreteness and Levels of Processing

Benjamin Anderson, Southwest Minnesota State University; Scott Peterson, Southwest Minnesota State University

We investigated the role of visual imagery in the concreteness and levels of processing effects by manipulating the presence of dynamic visual noise (DVN) as a within subjects variable. DVN did not significantly moderate either effect, suggesting that the concreteness and levels effects are not fully explained by visual imagery.

16 Still Puzzling: An Alternative Approach to Learning Math Formulas?

Aaron Beuoy, Murray State University; Paula Waddill, Murray State University

This study extended elaborative processing methods from text along with a self-test activity to mathematical material. Participants who learned formulas via elaborative processing and/or self-test showed greater recall for the formulas than the control group (rote memorization), suggesting that elaborative processing and/or self-testing can be applied to mathematical material.

18 Kindergarten Readiness Predicted by Type of Care and Family Income

Gina Dow, Denison University; Charlie-Mabel Savoy, Denison University

Kindergarten literacy readiness in a small, low-income district varied by type of child care and family income.

19 Home-based Caregivers Attitudes Towards Supporting Preschoolers' Math and Reading Learning

Abrea Greene, University of Chicago; Sarah Eason, University of Chicago; Michelle Hurst, University of Chicago; Kassie Kerr, University of Chicago; Amy Claessens, University of Wisconsin-Madison; Susan Levine, University of Chicago

We examined home-based caregivers' attitudes about children's learning before and after receiving tips for incorporating learning while interacting with the children in their care. We found providing engagement tips increased caregiver's self-identification with informal academic teaching roles. These findings highlight how interventions may empower caregivers to actively support preschoolers' learning.

20 The Effects of Nurtured Heart Approach on Writing

Edvinas Kaskauskas, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville

The Nurtured Heart approach recognizes individuals for good behaviors while giving no attention to negative ones. Prior studies show this approach is successful in academic settings, mental health treatment centers, and parenting. The current study applied this approach in an attempt to improve college students' writing, grammar, and APA usage.

21 Gaming and Academic Performance

Nicole Nowak, College of St. Scholastica; Katrina Ziells, Cloquet Middle School; William Bauer, Cloquet Middle School; Cynthia Welsh, Cloquet Middle School

In 281 students, higher GPA was predicted by lower frequency of playing video games, faster performance on a modified Stroop task, increased frequency of doing homework by hand, and decreased frequency of doing homework on a device. Spatial score was an additional predictor of grades in math and science.

22 Impact of Sampling Intent on Children's Reasoning Upon Negative Evidence

Vittoria Sipone, University of Wisconsin Milwaukee; Chris Lawson, UW-Milwaukee

This study examines the influence of sampling procedure on children's generalization about negative evidence. Consistent with existing models of induction, results indicate that the contribution of negative evidence in inductive reasoning is at least partially dependent on the expected intent of the sampling procedure.

23 The Effect of Graph Type on Data Interpretation

Jeffrey Hood, Kansas State University; Cade Graber, Kansas State University; Gary Brase, Kansas State University

Graphs are immensely helpful in disseminating research findings, and digital publishing allows for dynamic figures to be employed by authors. This study examined participants' ability to identify statistical relationships using different graph formats and found that, while helpful, dynamic graphs still struggle to convey complex relationships (i.e., interactions) effectively.

25 Explanations: the Good, the Bad, and the Randomly Generated

Jasmine Ahmad, DePaul University; Jessica M. Choplin, DePaul University

How adept are we at recognizing nonsense explanations? The current studies investigate individuals' evaluation of good and bad explanations, in addition to explanations containing randomly generated jargon (i.e., nonsense), in different situations. The relationship between explanation acceptance to B*llsh*t Receptivity Scale (Pennycook et al., 2015) and assurances is explored.

26 Decisions Involving Fuzzy Goals

Kevin Kenney, Kansas State University; Gary Brase, Kansas State University

Decisions about a fuzzy goal; one for which the exact value of an aspirational level is unknown but a range can be ascertained, was evaluated in 172 undergraduates. Participants demonstrated greater likelihood to use the midpoint in a range, compared to the upper or lower ends, in decision making.

27 Corpus-Based Assessment of Novelty and Diversity in Creativity

Dan R. Johnson, Washington & Lee University; Josie Hurst, Washington and Lee University; Alex Dolwick, Washington and Lee University

While validity evidence awaits, the corpus-based assessment of novelty and diversity (C-BAND) efficiently produces automated scores of novelty and diversity with excellent reliability. This semantic distance-based approach circumvents the need for labor-intensive subjective ratings.

28 Self-appraisal of Cognitive Failures in Clinical Populations

Bailey Cation, Roosevelt University; Dayna Abramson, Roosevelt University; Jessica Paxton, Roosevelt University

The current study evaluated the relationship between self-appraisals of cognition and executive functioning (EF) performance errors in a community sample of adults. Results demonstrated that high estimation of cognitive failures was related to fewer errors on an EF measure for one psychiatric group.

29 Individual Differences and a Continuous Measure of False Belief Reasoning

JoAnna Addy, Northwestern University; William Horton, Northwestern University

Using the so-called "Sandbox" task, we demonstrate biases in adults' reasoning about false belief. Furthermore, the degree of bias was predicted by performance on the Reading the Mind in the Eyes test (RMET). Using a continuous measure of false belief reveals differences in adults' ability to accurately attribute mental states.

30 Visuospatial Working Memory and Different Dimensional Maps effects on Wayfinding

Olivia Cody, Illinois State University; Alycia M Hund, Illinois State University

We investigated the influence of two- or three-dimensional maps and of visuospatial working memory components on wayfinding. Wayfinding performance was worst when spatial working memory was taxed compared to control trials. Specifically, wayfinding performance increased across three-dimensional map, two-dimensional map, and the exploration conditions for the secondary task trials.

31 Effects of a Mini-map Navigational Aid on Spatial Learning

Carol A. Lawton, Purdue University Fort Wayne; Lucas Carstensen, Boston University; Sean Hall, Purdue University Fort Wayne; Juan-Vernon Bastardo, Purdue University Fort Wayne; Angela Howard, Purdue University Fort Wayne; Tristan Tucker, Purdue University Fort Wayne; Sophia Manco, Purdue Univeristy Fort Wayne; Andres Montenegro, Purdue University Fort Wayne

We examined the effects of a mini-map navigational aid on spatial learning in a virtual building in which participants physically walked through the environment. Effects of mini-map training on subsequent travel between landmarks without the map and on pointing accuracy were compared for women and men.

32 Instructors’ Gestures Affect Math Learning for Deaf and Hearing Children

Theodora Koumoutsakis, Northeastern Illinois University; Jenny Lu, University of Chicago; Ryan Lepic, University of Chicago; Zena Levan, University of Chicago; Murielle Standley, Northeastern Illinois University; Andrew Mistak, University of Iowa; R. Breckinridge Church, Northeastern Illinois University; Susan Goldin-Meadow, University of Chicago

How does the timing of instructors’ gestures with language instruction affect math learning for speakers and deaf ASL signers? Results indicate that timing of gesture and language affects learning differently for both spoken and signed instruction. Gesture’s optimal benefit comes from being paired simultaneously with spoken or signed language.

33 Functional Equivalence in Spatial Reorientation?

Daniele Nardi, Ball State University; Josie Clark, Eastern Illinois University; Alexandra Twyman, University of Nebraska - Lincoln

Spatial reorientation with visual information tends to show that human and non-human animals incidentally encode ambiguous geometric cues even when a better predictor of the target location is available. Here we show an analogous finding with auditory information, which supports the theory of functional equivalence among sensory modalities.

34 Mental Imagery and Tracking

Ugo Bruzadin Nunes, Southern Illinois University; Reza Habib, Southern Illinois University Carbondale

Previously, research has shown that visual imagery can be separated into object and spatial imagery. The current study compared 118 participants’ scores in a series of visuo-motor and mental-spatial tasks with a cognitive-styles questionnaire. Our results point to the direction that tracking temporarily occluded objects may demand spatial imagery.

35 Evaluating missing-letter effects in proficient bilinguals

Cesar Riano Rincon, University of Illinois at Chicago; Gary Raney, University of Illinois Chicago

We explored the influence of language proficiency on word processing. Participants performed the letter detection task on passages in two languages. We predicted that English passages would reveal a larger missing letter effect than Spanish passages. Results support the conclusion that word processing changes as a function of language proficiency.

36 Noticing Violations of Perspective in Narrative Comprehension

Arielle Elliott, Northwestern University; William Horton, Northwestern University

We explored whether readers notice whether narrative information is “plausible” with respect to the common ground previously established between story characters. Participants reading times were significantly slower when the narratives included conversations with such common ground violations. This suggests that common ground violations can be detected without explicit intention.

37 The role of emoji in language processing

April Taylor, Ball State University; Caleb Robinson, Ball State University; Thomas Holtgraves, Ball State University; Olivia Hovermale, Ball State University; Logan Ankney, Ball State University

In digital contexts, emoji may help disambiguate messages and convey meaning, similar to nonverbal signals occurring in face-to-face interactions. When reading a text conversation between two interactants, participants were more accurate and quicker to understand texts when an emoji was present than when no emoji was present.

38 Language-based Characteristics of Internet Sex Sting Offenders vs. Non-offenders

Michelle Drouin, IPFW; Miriam Greidanus-Romaneli, Leiden University; Ellis Hernandez, Indiana University-Purdue University, Fort Wayne; Robert Nicola, Purdue University Fort Wayne

Using the LIWC analysis program, we examined chats from Internet sex sting offenders chatting with undercover agents (n = 590) and from non-offenders chatting with confederates posing as teens (n = 262). Offenders differed from non-offenders in nearly every linguistic category, displaying more sexual language, clout, and pronoun use.

39 Predicting Word Probabilities and Using These Predictions in Artificial Intelligence

Veanne Anderson, Indiana State University; Eric Anderson, Indiana State University; Gerald McDonnell, Indiana State University; Brad Brubaker, Indiana State University

To enhance computational linguistic methods, twenty books were scanned. A method for accurately predicting the appearance of a target word at a fixed distance in text from an index word out to 100 words was developed. Methods for using these predictions in AI systems for emulating human cognition are outlined.

40 The Effect of Vigorous Cardiovascular Exercise on Verbal Fluency

Maya Khanna, Creighton University; Corey L. Guenther, Creighton University; Joan Eckerson, Creighton University; Dion Talamante, Creighton University; Mary Elizabeth Yeh, Creighton University; Kimberly Holter, Creighton University; Krystal Hopkins, Creighton University; Megan Forby, Creighton University

We examined the effects of exercise on language processing and verbal fluency. Phonemic and semantic verbal fluency tasks were completed before, during and after a 30-minute bout of vigorous cycling. Participants produced more words after and during exercise than before and exercise influenced the characteristics of the words produced.

41 Approximately Timescale Invariant: Temporal Contiguity in Incidentally Encoded Memories

Abigail Dester, Michigan State University; Linh Lazarus, Michigan State University; Karl Healey, Michigan State University

The temporal contiguity effect is the tendency for the recall of one event to cue recall of other events that were originally experienced close in time to the first. We show that this effect is approximately timescale invariant even when the events are encoded incidentally.

42 Context Manipulations Influence Illusory Recollection

Josh Woods, Grand View University

Two experiments demonstrated illusory recollection increases when the study modality is more transient. Both investigations manipulated background details to influence the likelihood subjects would report details for items they never saw or heard. We conclude illusory recollection is based on both strategy as well as an inheritance of related details.

43 Structure and Function of Mental Simulations of the Imminent Future

Vannia A. Puig Rivera, University of Illinois at Chicago; Karl K. Szpunar, University of Illinois at Chicago

Two retrospective surveys revealed a valence-based dissociation wherein simulations of temporally removed events are biased toward positive outcomes and simulations of temporally imminent events are biased toward negative outcomes. Our data further indicate that this dissociation appears to be related to the context in which simulations arise and their function.

44 Time-Dependent Effect of Acute Stress on Memory

Alicia Olechowski, Southern Illinois University Carbondale; Reza Habib,

Southern Illinois University Carbondale
The current study sought to investigate whether the length of delay between stress induction and learning influences delayed cued-recall performance. A statistically significant effect of stress was observed for biological markers of stress, but a statistically significant linear, quadratic or cubic relationship between delay and cued-recall performance was not found.

45 Measuring Familiarity with a Face Sorting Task

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

Sorting ambient images of a face has commonly been used as a measure of familiarity. The current study helps to validate this measure by controlling for familiarity with an in-lab face training task. Also, this study introduces the utility of time data as a measure of face familiarity.

46 State Effects of Brief Mindfulness on Working Memory, Mind-wandering

Michael Baranski, Kent State University; Chris Was, Kent State University

Mindfulness meditation has shown variable effects on working memory. Individual differences (e.g., propensity to mind-wander) may moderate this relationship. Three experiments examined the effects of brief mindfulness meditation on state working memory capacity, and the moderating role of mind-wandering.

47 Influences of Affective Stimulus Placement on Procedural Memory Task Performance

Samuel Birkholz, University of Minnesota, Duluth; Emily Bates, University of Minnesota Duluth; Faith Mumphrey, University of Minnesota - Duluth; Brandon Haller, University of Minnesota Duluth; Samantha Tousignant, University of Minnesota Duluth; Eric Hessler, University of Minnesota Duluth

This study assessed how procedural memory task performance is influenced by affective tone and stimulus placement. Participants (n = 78) completed one of four conditions with timed practice and performance tests. Results demonstrate procedural memory tasks can be learned just as quickly under different affective conditions.

48 Investigating the Minimal Counterintuitiveness Effect

David Schena, Purdue University Department of Psychology; Michelle Coverdale, Purdue University Department of Psychology; James Nairne, Purdue University

Many scholars believe that minimally counterintuitive concepts are more memorable than intuitive ones. However, our experiment, using counterbalanced word lists and nonwords, suggests that prior empirical support for this theory may be due to experimental confounds, as intuitive information was found to be significantly more memorable than counterintuitive information.

49 Emotion and Retrograde Memory: Differences in Delay

Brett DeWitt, Miami University; Jessica Dupree, Warriors Research Institute Baylor Scott and White Health; John Bohannon, Butler University

Participants viewed a 35-slide presentation that included emotional or neutral content. Later, they recalled information from different temporal positions (pre-critical, critical, and post-critical) in the presentation. Participants remembered more items in the critical emotional (versus the neutral) slide, suggesting that emotional arousal during encoding enhances memory for emotionally-salient stimuli.

50 Does an Arousal-Based General Theory of Behavior Explain Anchoring?

joe hatcher, ripon college; Kayla Furlano, Ripon College; Sam Cares, Northern Illinois University

Explanations for “anchoring” have been elusive. This study tests the arousal-based hypothesis that responses more distant from the anchor lead to higher levels of arousal than responses nearer to the anchor. This prediction was supported, and implications for a general optimal-arousal/danger system of behavior are discussed.

51 Priming and Receptivity to Profound Bullshit

Timothy Koeltzow, Bradley University

Priming with definitions of “Bullshit” or “Fake” prior to completion of a modified Bullshit Receptivity Scale resulted in an enhanced ability to discern pseudoprofound bullshit from statements of conventional wisdom. These results indicate that simple strategies may prove useful in helping individuals to discern truth from untruth.

52 The Effects of Feedback on Conflict Detection in Cognitive Tasks

Alexander Swan, Eureka College

Feedback is a useful teaching tool. However, it’s been neglected in DPT. Participants completed cognitive tasks in one of four feedback groups. Accuracy, RT, and confidence ratings were collected. The feedback manipulation was not effective. However, confidence ratings were affected and in predicted directions. Implications and future directions are explored.

Stereotyping I

Thu 3:00PM - 4:50PM Salon 12
Moderator: Kathleen Schmidt, Southern Illinois University Carbondale

3:00 Sociofunctional Threats and Intergroup Emotions Associated with Anti-Transgender Prejudice

Kristin Broussard, Saint Louis University; Ruth Warner, Saint Louis University Department of Psychology
We examined which intergroup emotions and sociofunctional threats were elicited by transgender people. Transgender people elicited feelings of physical and moral disgust, which predicted negative attitudes toward transgender people. Transgender people were perceived as threatening to social functioning and values, which predicted more negative emotions toward transgender people.

3:15 A Sociofunctional Approach to Understanding Transphobia

Linas Mitchell, Loyola University Chicago; Alexandra Bakalich, Loyola University Chicago; Robyn Mallett, Loyola University Chicago
Using the sociofunctional threat approach, this study found that transgender targets evoked higher threat perceptions (general threat, values, coordination, trust) and more negative emotions (negativity, disgust, fear, pity) than cisgender targets. This provides a more nuanced understanding of the negative associations that underlie transphobia, suggesting directions for future interventions.

3:30 Can a Minority Sexual Orientation Erase Race?

Christopher Petsko, Northwestern University; Galen V. Bodenhausen, Northwestern University
Does learning that a man is gay color the ways in which perceivers make sense of his race? Our data from several experiments suggest that it does. Interestingly, we find that gay (vs. heterosexual) men from all racial groups seem less race-typical, and that some gay men seem "Whiter" as well.

3:45 Transgender and Cisgender Women and Men: Changing Representations of Gender

Natalie Gallagher, Northwestern University; Douglas L. Medin, Northwestern

University; Galen V. Bodenhausen, Northwestern University
Using multiple methods, we compare mental representation of cisgender and transgender categories. We show that transgender categories are perceived less positively than cisgender categories, and that gender essentialist beliefs exaggerate these differences. Though perceptions of cisgender men and women differ sharply, those of transgender men and women show striking similarity.

4:00 Physiological Reactions to Perception of Threat from Immigrants
Hui Chu, Purdue University Northwest; Christina Ragan, Purdue University Northwest; Isabelle Chandler, Purdue University Northwest
Participants responded to a questionnaire on perceiving symbolic and realistic threat from immigrants by legal status and by country/region of origin and provided saliva samples to analyze for cortisol and oxytocin. These results suggest that there is an implicit physiological response to an explicit response to perceived threat.

4:15 White Christians Exhibit Xenophobia but not Religious Bias against Muslims
Erika Kline, Southern Illinois University; Kathleen Schmidt, Southern Illinois University Carbondale
This study investigated whether White Christians’ anti-Muslim prejudice arises from religious bias or xenophobia. Participants rated their anxiety/fear and safety/calm when presented with photographs of individuals with stereotypical dress and different religions. Middle Eastern dress but not religion influenced ratings, suggesting xenophobia is a greater source of anti-Muslim prejudice than religion.

4:30 Feminist Ideological Endorsement and Attitudes Towards Transgender People
Haley Perez-Arche, Ball State University; Tollie Schultz, Ball State University; Linh Littleford, Ball State University
This study sought to examine how endorsement of feminist ideologies are linked to attitudes towards transgender people. Results showed that womanist ideologies and liberal feminist ideologies predicted positive attitudes; conservative gender beliefs predicted negative attitudes; and radical feminism was non-significant or predicted negative attitudes, dependent on the sample.

Persuasion

Thu 3:00PM - 4:50PM Chicago
Moderator: Chris Loersch, University of Colorado

3:00 Moral attitudes and resistance to persuasion

Andrew Luttrell, Ball State University

In a series of studies, merely perceiving a moral basis for their attitude makes people more resistant to persuasive communication, but only when the message does not directly appeal to morality. Moral appeals, by contrast, are relatively persuasive when the audience already sees the issue in a moral light.

3:30 The Effects of Information Framing on Belief Change about Individuals

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

The influence of the level of representation of information (individual, intermediate, and global) at belief formation and at persuasion on belief change towards an individual target was examined. Among key effects, an interaction between the level of representation at belief formation and at persuasion emerged, revealing a relative matching effect.

3:45 Intuition for the Intuitive: Matching Effects in Persuasion

Filipe Loureiro, ISPA - Instituto Universitário; Duane T. Wegener, The Ohio State University; Teresa Garcia-Marques, ISPA - Instituto Universitario

Two studies tested matching effects between intuition- and analysis-based advertisements for a new car brand and participants’ intuitive and analytic characteristics. Attitudes were more favorable when people who rely on or value intuition received an intuition appeal and when people who value analysis received an analysis appeal.

4:00 Speaker Confidence Differentially Influences Persuasion Based on High/Low Thinking

Joshua Guyer, Saint Louis University (Madrid); Leandre Fabrigar, Queen's University; Thomas Vaughan-Johnston, Queen's University

Two experiments tested the different mechanisms by which vocal-pitch influenced attitudes via perceptions of speaker confidence under high/low thinking. Results of SEM analyses revealed patterns largely consistent with expectations generated by the Elaboration Likelihood Model. Alternative mediators to perceptions of global speaker-confidence were not supported in either study.

4:15 How and Why Vocal Affect Influences Cognitive-Based Persuasion
Thomas Vaughan-Johnston, Queen's University; Joshua Guyer, Saint Louis University (Madrid); Leandre Fabrigar, Queen's University
Two experiments examined how different types of vocal affect (emotionless, calm, fearful, and excited) influenced attitude change towards a novel object using cognitive-based persuasion. Fearful and excited (but not emotionless or calm) voice conditions increased persuasion. Possible mechanisms including emotion contagion, surprise, and perceived source credibility were examined.

4:30 The Effects of Mirror and Advertisement on Recycling Behavior
Dusan Mitic, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville
Researchers compared various methods to increase recycling behavior on a college campus. The use of signs, mirrors, and a combination of the two were compared to determine if recycling behavior increased over the three week period. Results indicated that the mirror, specifically, positively impacted recycling but the effect was short-lived.

Thinking About Others -- Social Cognition and Interpersonal Bonds

Thu 3:00PM - 4:50PM Salon 6/7
Moderator: Amber Garcia, College of Wooster

3:00 Instrumental learning in social interaction
Leor Hackel, Rutgers University
How do we decide whom we like and with whom to spend time? Social cognition traditionally focuses on trait impressions acquired by observing others, but social interactions also provide us with material and social rewards. I will present an integrative framework for understanding how rewards and impressions shape social learning.

3:30 Political Polarization, Parasocial Relationships, and the President's Personal Tweets
Elaine Paravati, University at Buffalo, State University of New York; Shira Gabriel, SUNY Buffalo; Carl Weidemann, University at Buffalo, SUNY
The current research investigated the psychological mechanisms and

attitudinal consequences of the President's unprecedented use of Twitter to communicate with the American public. We found that participants with preexisting political attitudes similar to Trump showed increased liking of Trump with exposure to his Twitter, which was mediated by parasocial bond.

3:45 Digging Deeper: Meaningful Conversations are Surprisingly Pleasant

Michael Kardas, University of Chicago, Booth School of Business; Amit Kumar, University of Texas at Austin, McCombs School of Business; Nicholas Epley, University of Chicago

Deep conversation enhances connectedness, yet people's miscalibrated beliefs about deep conversation may pose barriers to self-disclosure. People who discussed deep questions such as, "Can you describe a time you cried in front of another person?" overestimated awkwardness and underestimated happiness. People may connect less deeply than would be optimal.

4:00 Person Memory Mechanism Influences Decision to Approach/Avoid Others

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

Past work on factors influencing approach/avoidance decisions about others has focused on group level factors (e.g., race, religion). A memory mechanism has been underexplored. Results suggest correctly remembering social targets as positive or negative lead to approach and avoidance responses, respectively. Interestingly, negative false alarms also led to avoidance decisions.

4:15 An Investigation into the Effect of Cosmetics on Perceptions

Nikki Thomas, Lindenwood University; Trisha Prunty, Lindenwood University - Belleville

When comparing perceived dominance, wellbeing, competency, and trustworthiness/likability of women with and without makeup, the results supported the hypothesis that individuals with makeup will benefit from the halo effect. These perceptions can be beneficial or harmful depending on the social context in which they occur.

4:30 Norm Conflicts in Donation Amounts

Julie Eyink, Indiana University; Gordon Heltzel, Indiana University; Edward R. Hirt, Indiana University-Bloomington

Although conflicting injunctive and descriptive norms sometimes reduce behavioral compliance, we find participants listen to a combination of both norms to determine when their behaviors likely have the most impact. Specifically, when the donating behavior is something you ought to do, but others do not engage in it, donations increase.

Developmental Social Psychology

Thu 3:00PM - 4:50PM Logan
Moderator: Jo Ella Basler, Shawnee Community College

3:00 College Experiences Shaping Academic Identity Status

Ibrahim Al-Harthy, College of Education. Sultan Qaboos University; Said Aldhafri, P.O.Box 78; Hussain Alkharusi, Sultan Qaboos University ; Marwa Alrajhi, Sultan Qaboos University ; Hafidha Albarashdi, Ministry of Education; Amal Alhadabi, Sultan Qaboos University
We investigated if college experiences impact the adaptation of academic identities in 2468 students at Sultan Qaboos University. Students completed two questionnaires. The analysis supports the assumption that academic identity status are shaped through college experiences. Interestingly, the academic identity status do account for variance in the students' GPA.

3:15 When to Trust a Liar

Natalie Mordini, DePaul University; Sheila Krogh-Jespersen, Northwestern University
Developmental trends in children's perceptions of prosocial and self-serving liars were examined by measuring children's willingness to trust information from liars and their friend preferences regarding the lying informants. Results suggest that children judge prosocial and self-serving lies differently, yet still prefer to be friends with someone who doesn't lie.

3:30 Moral Development and Social Evolution

Eugene Mathes, Western Illinois University
The purpose of this research was to test the hypothesis that that Kohlberg's stages of moral development coevolved with the "stages" of social evolution, ranging from hunter and gatherer family groups, through villages, nations, and world wide social organizations (Wright, 2001). Support was found for the hypothesis.

3:45 Friend or Foe? Women’s Life History Strategies and Same-Sex Friendships

Laureon Watson, Western Illinois University; Hannah Bradshaw, Texas Christian University; Kristine M. Kelly, Western Illinois University; Tyra Jackson, Western Illinois University

This study examined the relationship between life history (LH) strategies and quality of women’s same-sex friendships. Results indicated that growing up in a harsher environment, which likely led to the adoption of a faster LH strategy, predicted greater hostility among women and less trust between them in their friendships.

4:00 Social Reasoning Associated with Theory of Mind and Interpersonal Trust

Gary Brase, Kansas State University; Jordann Brandner, Kansas State University

Rival predictions were tested regarding how individual differences correlate with reasoning about social contracts, precautions, and descriptive rules. Three studies found that theory of mind ability and interpersonal trust were generally predictive of reasoning ability, and the trait of Honesty-Humility was differentially predictive of better social contract and precautionary reasoning.

Intervention, Empathy, and Morality

Thu 3:00PM - 4:50PM Salon 10
Moderator: Beth Venzke, Concordia University

3:00 From research to practice in humanitarian intervention

Chris Stout, Center for Global Initiatives and College of Medicine, University of Illinois Center for Global Health

This presentation will review how psychologists can contribute to bettering the world through humanitarian work. Various measures, metrics, tools and examples will be provided.

3:30 Boosting Empathy: A Story-telling Intervention with High School Students

Gabriel Velez, The University of Chicago; Rebecca Frausel, University of Chicago; Tasneem Mandviwala, University of Chicago

We investigate whether a short, low-cost intervention bolsters adolescents’ empathy. Gains in empathy differed by constructs, and were maintained for students in lower 50% of empathy scores. Qualitative data suggests high-starting empathy participants worried about perceptions of their re-telling.

3:45 Life History Mediates Effects of Childhood Intervention on Clinical Outcomes

Curtis Dunkel, Western Illinois University; Jonathan Hammersley, Western Illinois University; Amy Walen, Western Illinois University; Micheal Waters, Western Illinois University; Laureon Watson, Western Illinois University; An Le, Western Illinois University; Ben Kolaczkowski, Western Illinois University; Dimitri van der Linden, Erasmus University Rotterdam

Carolina Abecedarian (ABC) Project data were used to examine whether infants in the intervention would develop a slower life-history strategy measured in young adulthood. It was predicted that slowing of LH strategy would mediate mental health & risk-taking effects. Results supported these predictions, with significant implications, and should be replicated.

4:00 Faculty Self-Ratings of Empathy and Humility: Correspondence with Student Perceptions

Lauren Zaeske, Indiana Wesleyan University; Kendra Frieden, Indiana Wesleyan University; Timothy A Steenbergh, Indiana Wesleyan University; Brian Fry, Indiana Wesleyan University; Jason Runyan, Indiana Wesleyan University

This study describes the extent to which faculty (n=37) perceptions of their own empathy and humility corresponded with students' (n=1147) perceptions of them. It also examined associations between student empathy and humility and that of the faculty. Other correlates of faculty empathy and humility were also identified.

4:15 Perceptions of Virtue/Vice: Virtue's Less Interesting/Requires More Evidence

Christopher Cole, DePaul University; Kimberly Quinn, DePaul University

Two studies highlight how morally virtuous and transgressive behavior is interpreted and perceived differently. Study 1 demonstrates that people view morally transgressive behavior as more interesting than morally virtuous behavior. Study 2 demonstrates that evidentiary standards for moral judgment are higher for acts of virtue than acts of vice.

Interests, Motivations, and Emotions

Thu 3:00PM - 4:50PM Salon 3
Moderator: Christopher Redker, Ferris State University

3:00 STEM Exemplars Cue Goal Opportunities and Interest in STEM

Melissa Fuesting, Miami University; Amanda Diekman, Indiana University

STEM diversification efforts emphasize exposing women to female exemplars who demonstrate that pursuing STEM is possible. We propose exemplars can also increase motivation by communicating that STEM fulfills valued goals. Exemplars who demonstrated communal behavior or growth mindset increased STEM communal affordances and interest.

3:15 Facial Perceptions of Scientists Signal Communal Goal Endorsement

Mansi Joshi, Indiana University; Amanda Diekman, Indiana University

Imaginary and real scientists appearing facially trustworthy (vs dominant) led to perceptions of communal endorsement. Specifically, real scientist faces perceived as trustworthy signaled greater communal endorsement of mentoring (i.e., proximal), but not contributing to knowledge (i.e., distal). Faces of scientists can be another communal cue in STEM.

3:30 Epistemic Beliefs and Science Achievement: Multilevel Analysis of Motivational Mediators

Wondimu Ahmed, The University of Akron

The purpose of this study was to investigate the mediational role of self-efficacy and enjoyment, in the link between epistemic beliefs and achievement in science (n = 5712, 50% girls). Multi-level mediation analyses indicated that both science self-efficacy and science enjoyment mediated the effects of epistemic beliefs on science achievement.

3:45 Do people choose tasks based on their motivational states?

Tina Nguyen, The Ohio State University; Abigail Scholer, The Ohio State University; Kentaro Fujita, The Ohio State University

People face different kinds of tasks in their self-regulatory pursuits. Little is known, however, about how people regulate when to undertake various tasks. Two studies suggest people choose tasks best served by different imagined motivational states. Future research will assess whether people do the same based on situationally-induced motivational states.

4:00 Come Again? Fostering Situational Interest in Science within Public Spaces

Amanda Durik, Northern Illinois University; Audra Jensen, Northern Illinois University

Situational interest was examined using a new paradigm—a public display about science (i.e., Saturn). Designed to catch interest, the display was updated regularly to test if people who frequented the area would notice and choose to return. Most noticed it; many returned. Return frequency predicted topic (not domain) interest.

4:15 Age Differences in Appraisals of Control and Emotion Experience

Nathaniel Young, DePaul University; Joseph Mikels, DePaul University

The present study investigated the possibility that age differences in emotional experience are related to age differences in appraisals of control. Results show that older adults experience less negative emotional reactions than younger adults, and these age differences are eliminated when controlling for appraisals of control.

4:30 Negative Emotion and Emotion Avoidance in Innocent Victim Derogation

Jude Ash, University of Notre Dame; Lira Yoon, University of Notre Dame/Professor

This study examined the role of negative emotion and emotion avoidance in victim derogation. Participants watched real videos depicting victims and victim derogation was measured. 2-way interactions between negative emotion and emotion avoidance were significant, suggesting emotional processes, rather than the belief in a just world, underlie victim derogation.

Psychological Health

Thu 3:00PM - 4:50PM Salon 5/8

Moderator: Robin A. Anderson, St. Ambrose University

3:00 CoreMatters: A Bullying Intervention Program

Alli Cipra, Governors State University; LaTreese Hall, Governors State University - volunteer

Core*Matters* is a bullying prevention and resilience curriculum focused on elementary and middle school aged children. Data were collected on 404 students in grades 4, 5, 7, and 8 on various measures including bullying behaviors, attitudes, and self-esteem. T-tests demonstrated a difference between the control and CORE*Matters* groups.

3:15 The Role of Preschool Teacher Characteristics on Child Behavior Ratings

Callie Silver, University of Illinois at Chicago; Kelsey Clayback, Vanderbilt University; Katherine Zinsser, University of Illinois at Chicago

The present study sought to examine how Head Start teachers' levels of depression, attitudes about child development, and job satisfaction relate to their ratings of children's behavior. Results indicated that teacher attributes are related to child behavior. Additionally, teacher depression moderated agreement between observer and teacher ratings of child behavior.

3:30 Acculturation in Deaf/Hard of Hearing: Antecedents and Psychosocial Outcomes

Macrae Husting, University of Wisconsin- Milwaukee; Jacqueline Nguyen, University of Wisconsin- Milwaukee

Acculturation was explored via survey with deaf and hard of hearing emerging adults (N=431). The Bicultural status (high degree of both Deaf and Hearing acculturation) reported highest levels of self-esteem and satisfaction with life. Antecedent variables that predicted degree of Deaf and Hearing acculturation, respectively, were identified.

3:45 Culture Moderating between Self-Compassion, Emotion Dysregulation, and Depression

Arishna Agarwal, Cleveland State University; Han Na Lee, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

We examined whether the relationship between self-compassion, emotion regulation difficulties, and depression symptoms varies as a function of coming from a South Asian cultural background. Our results suggest that self-compassion reduces depression risk directly and via lower emotion regulation difficulties equally well for persons of various cultural backgrounds.

4:00 The Role of Mindfulness in Functional Counterfactual Thinking

Kyle Dickey, Texas A&M University; Rachel Smallman, Texas A&M University

After negative events, individuals often engage in counterfactual thinking (i.e., "if only" thoughts) to try to learn from these experiences. Two studies examined one potential barrier to counterfactual-based learning, individual differences in mindfulness. Results showed that individuals high on either the observe or describe mindfulness subscales showed less counterfactual-based learning.

4:15 Implicit Gratitude Theories

Katherine Adams, Purdue University; James Tyler, Purdue University

Following from Dweck and colleagues' (1995) implicit theories framework, we find evidence that the degree to which individuals view gratitude as a learnable skill (i.e., an incremental theory), rather than as a stable trait (i.e. an entity theory), is associated with the quality and frequency of their grateful experiences.

4:30 Experiences with Harassment Predict College Students' Identity Commitment

Christina Shane-Simpson, University of Wisconsin, Stout; Shawnna Horman, University of Wisconsin-Stout

Experiences with harassment may change how college students view themselves and others. The current study investigated the harassment ecosystem and its relationship with identity development processes. Findings suggest that harassment experiences before college and those occurring during college may impact identity development and sense of belongingness on campus.

Workplace Functioning

Thu 3:00PM - 4:50PM Salon 1

Moderator: Michael Baumann, The University of Texas at San Antonio

3:00 Convergence and consensus in small groups

Ernest Park, Grand Valley State University

Groups are often assembled to perform complex tasks. To act or make decisions as a group, members have to align their efforts and combine their individual contributions. This presentation will describe research that explores how the tendencies of group members might converge so that coordination and consensus can be achieved.

3:30 Workplace Relationships as Symptoms of the US Business Culture

Olga Tararukhina, Saint Petersburg State University, Saint Petersburg, Russia

Workplace relationships can help solve problems of loneliness and disconnection. Learn about types of relationships and tactics of dealing with tensions, American employees' priorities of needs in workplace relationships with immediate leaders, peers, and others in their rganization; and a factor of satisfaction with workplace relationships.

3:45 Workplace Identity: Predictive Ability of Motivational Themes on Workplace Outcomes

Tara McCoy, Monmouth College

The predictive ability of motivational themes, agency and communion, was explored in relation to workplace outcomes (e.g., job satisfaction). Agency and communion were derived from individuals' autobiographical memories. By utilizing this technique individuals' *narrative identity* was assessed. Results indicated that agency and communion was related to workplace outcomes.

4:00 Supervisor Implicit Person Theory and Behaviors on Performance Appraisal Outcomes

Montana Drawbaugh, Indiana University - Purdue University Indianapolis; Jane Williams, Indiana University - Purdue University Indianapolis
Two studies investigated how supervisors' implicit person theory (IPT) predicted their behaviors during, and reactions (supervisors' and employees) to, performance appraisal interviews. IPT was significantly related to supervisors' task-oriented behaviors and perceived utility. Task-oriented behaviors generally predicted positive reactions to performance appraisal interviews. Relational-oriented behaviors predicted perceived supervisor support.

4:15 Teams as Technology: Implications for Team Performance on Cognitive Tasks

Verlin Hinsz, North Dakota State University
Teams are a human technology for solving social problems. This notion is explored, particularly for teams as cognitive technology with a focused review of research findings examining the prudent and effective use of teams. The strengths, weaknesses, and trade-offs associated with utilizing teams as a cognitive technology are briefly summarized.

Cognitive Neuroscience

Thu 3:00PM - 4:50PM Salon 4/9
Moderator: Rachael Blasiman, Kent State University

3:00 Similarities in neural representation underlie similarities in person

Dylan Wagner, The Ohio State University
Using fMRI in conjunction with a round-robin trait evaluation task, we find that the neural representation of a given social target's self is reinstated in the brains of friends as they evaluate that target and that the magnitude of this effect is associated with accuracy in person perception.

3:30 Narrative Transportation Increases Neural Overlap between Self and Fictional Others

Timothy Broom, The Ohio State University; Dylan Wagner, The Ohio State University
We provide neuroimaging evidence supporting the idea that individuals who habitually simulate the thoughts/feelings of fictional characters use their self as a model to understand characters' mental states. Specifically, ventromedial prefrontal cortex activity during trait judgments of self and fictional characters was more similar for those regularly transported into narratives.

3:45 The Influence of Agency and Self-control on Feedback Processing
Robert West, DePauw University; Emily Budde, University of Dayton; Ellason Freeman, DePauw University; Anna Munoz, DePauw University
We examined the effects of agency and self-control on ERPs related to feedback processing. The feedback negativity (FN) was reliable in individuals with high self-control when either they or the computer made a choice; in individuals with low self-control the FN was only reliable when the individual made the choice.

4:00 Measuring Active Monitoring and Preparation with Pupillometry
Eddie Christopher, Purdue University; Thomas S Redick, Purdue University
With an eye-tracking computer, we observed increases in pupil size accompanying the introduction of a prospective memory intention. Furthermore, increased pupil size preceding the presentation of a prospective memory target was associated with a greater likelihood of target recognition. This new paradigm will inform how individuals remember to remember.

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.

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FRIDAY, APRIL 12, 2019

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

Prosocial Behavior

Fri 8:30AM - 10:20AM Chicago
Moderator: Shane Pitts, Birmingham-Southern College

8:45 When and why are victims expected to be more humanitarian than non-victims?
Nyla Branscombe, University of Kansas
Human suffering can threaten observers' belief in justice. When observers make meaning of others' victimization, post-traumatic character growth and moral obligations to be prosocial emerge. Victims who "know what suffering is" are held to a higher moral standard of conduct and are expected to support other groups who are suffering.

9:15 Prosocial People Have More Prosocial Daydreams
Peter Kearns, Purdue University; James Tyler, Purdue University; William G. Graziano, Purdue University
Daydreams are often unrealistic, however evidence regarding chronic thoughts, goal imagining, and personality suggest people with prosocial daydreams should have more prosocial dispositions. Results show empathic people have more prosocial daydreams, consistent with the proposal that the mental modeling of helping another in need relates to real empathy.

9:30 Nature's Best Friend? Ecological Concern and Perception of Pets' Minds
Brandon Humphrey, Miami University; Tyler Jacobs, Miami University; Allen McConnell, Miami University
Protecting the environment is important, and pet ownership might help play a role in doing so. We found that people who view their pets' minds as

possessing a greater capacity for experience (but not intention-cognition) showed greater environmental concern, suggesting that particular aspects of pet ownership could promote proenvironmental action.

9:45 Upset While Wearing a Hijab: Decrements in Prosocial Intentions Toward Muslim Women

Pirita See, South Dakota State University

In a series of studies, participants expressed lower prosocial intentions toward Muslim than Christian women in need of help, especially if targets displayed upset facial expressions and visual cues of religion. Therefore, visible religious cues and facial affect can interact to produce decrements in assisting victimized members of religious outgroups.

Political Polarization

Fri 9:15AM - 10:20AM Salon 6/7
Moderator: Hannah Hamilton, Kenyon College

9:15 Selective News Consumption, Individual Differences, and Political Polarization

Kieran Waitschies, King's University College at the University of Western Ontario; Mike Morrison, King's University College at the University of Western Ontario

This study examined the relationship between individuals’ political news consumption habits, levels of political awareness, individual difference variables, political attitudes and levels of political polarization. Selective political news consumption and Right-Wing Authoritarianism predicted greater political polarization, while egalitarianism predicted less political polarization. Other patterns, implications and future directions are discussed.

9:30 Intergroup Threat Mobilizes Partisan Support and Independent Opposition

Joseph Siev, The Ohio State University; Daniel Rovenpor, University of East Anglia; Richard Petty, Ohio State University, Columbus

This research demonstrates two novel moderators of the effect of support- vs. opposition-framing in the political domain. People’s intentions to support vs. oppose depend on their *partisanship*and *intergroup threat perceptions*: threat motivates people to pursue their political goals, which differ between partisans and non-partisans.

9:45 Peer and Political Leader Influence on Climate Policy Support

Jennifer Cole, University of Colorado Boulder; Leaf Van Boven, University of Colorado Boulder

Research demonstrates that policy stances of political leaders influence personal policy stances. Little work has explored the how social norms from peers affect policy stances in addition to norms from political leaders. We provide evidence that peer norms contribute to partisan influence on policy stances about climate policy.

10:00 Demographic shift and far-right extremism

(Max) Hui Bai, University of Minnesota; Christopher Federico, University of Minnesota

Two studies show that demographic shift in the United States can have indirect effects on far-right extremism. Among four tested mechanisms (status, extinction, symbolic, prototypicality threat), the extinction (which is responsive to White population's decline) and symbolic threat (which is responsive to minority population's growth) are the most relevant mediators.

Alcohol Addiction

Fri 8:30AM - 10:20AM Salon 10
Moderator: Beth Ann Rice, Slippery Rock University

9:00 Striatal response to dopamine in abstinent alcoholics

Kathryne Van Hedger, University of Western Ontario

We examine the effects of levodopa, a dopamine precursor, on craving for alcohol and learning in a sample of abstinent alcoholics using 7T fMRI. By utilizing techniques developed with patient populations (Parkinson's Disease), we hope to further understand the role of ventral and dorsal striatum in addictive disorders.

9:30 Sex Differences in a Model of Compulsive-like Alcohol Intake

Elizabeth Sneddon, Miami University; Joshua Setters, Miami University; Julia Hoffman, Miami University; Anna Radke, Miami University

Alcohol use disorder is characterized by compulsive behavior or drinking despite negative consequences. Females may be more susceptible to certain aspects of the addiction cycle than males. Here, we investigated sex differences in compulsive-like drinking using an operant model of aversion-resistant alcohol intake.

9:45 Pre-existing differences in the relationship between alcohol consumption and fear

Charles Pickens, Kansas State University

Fear, anxiety, and alcohol use are associated in humans. I will discuss research on rats with a history of alcohol consumption suggesting that the link between levels of alcohol consumption and conditioned fear results at least partly from pre-existing differences. I will also discuss one neural correlate of this relationship.

Cognition and Aging

Fri 8:30AM - 10:20AM Salon 12

Moderator: Devin Burns, Missouri University of Science & Technology

9:00 Hyperchoice and the era of aging: the impact of mental fatigue and numeracy

Jiuqing Cheng, University of Northern Iowa; Natasha Peterson, University of Northern Iowa

Hyperchoice refers to a situation where there are too many options. In the era of aging, older adults may face a particularly difficult time when dealing with hyperchoice given their declined cognitive abilities. The study discovers that worse decision experience is associated with hyperchoice, greater mental fatigue and lower numeracy.

9:30 Situating Emotional Complexity in a Context of Stress and Age

Jessica Blaxton, Fontbonne University; Cindy Bergeman, University of Notre Dame; Niccole Nelson, University of Notre Dame

We examine age differences and age-related change in the relationships between daily positive affect, negative affect, and stress. Findings indicate that older adults’ days of higher stress relate to a more exaggerated inverse relationship between daily negative affect and daily positive affect when compared to midlife adults.

9:45 Disproportionate Anticipatory Interference in Older Adults Compared to Younger Adults

Jessica Nicosia, Washington University in St. Louis; David Balota, Washington University in St Louis

The present study explores the influence of an upcoming recognition decision on simple speeded pronunciation in younger and older adults. Older adults produced disproportionate interference in pronunciation from the upcoming memory decision, compared to younger adults, supporting an age-related breakdown in the ability to focus attention on current task constraints.

10:00 Effects of Knowledge on Encoding and Memory for Everyday Activities

Maverick Smith, Kansas State University; Heather Bailey, Kansas State University; Kimberly Newberry, Kansas State University; Jennica Rogers, Kansas State University

We investigated how knowledge facilitates moment-to-moment encoding of everyday activities. Young and older adults viewed self-paced slideshows depicting familiar and unfamiliar activities. Everyone dwelled longer on boundary than non-boundary slides. This was especially true for older adults viewing familiar activities, indicating they can use knowledge to offset changes in encoding.

Symposium

Personality, Cognition & Gender Norms: Selective Biases in Orientations to the Environment

Fri. 8:30AM-10:20AM Salon 3

Organizer: William G. Graziano, Purdue University

This symposium brings together four different, yet converging, perspectives on selective responsiveness to the environment. This selective responsiveness can be interpreted as differential biases in information processing. Some individuals are more responsive to people in their environments, whereas others are more responsive to things. These two different orientations (People Orientation or Thing Orientation) are independent of each other, allowing for configurations of differences. These have consequences for gender roles, ways of thinking about academic majors in STEM, careers and work, and for other important life choices.

Judging Others' Interests: Beyond Self-Report in Person and Thing Orientations

Meara M. Habashi, Purdue University; Ida Ngambeki, Purdue University

STEM fields are not created equal: People and things interests explain gender disparities across STEM fields
Rong Su, University of Iowa

Judging Others' Interests: Beyond Self-Report in Person and Thing Orientations
Miranda M. McIntyre, California State University San Bernardino

The Animacy Effect in Episodic Memory: A Social Bias in Cognition
Joshua Vanarsdall, Elmhurst College

Symposium

Psychology of Social Change

Fri. 8:30AM-10:20AM Salon 5/8
Organizers: Laura E. Wallace, Ohio State University; Kentaro Fujita, Ohio State University

Understanding when and how to motivate change behavior is a central theme in social psychology. In particular, concern about social and economic disparities between groups has motivated research to understand how to reduce these disparities. One approach is to motivate collective action to support system change; another is to design wise interventions to create change. The current symposium spotlights cutting edge research to understand both when people will seek to improve their social systems and how social psychology may be used to effectively intervene in social issues. The first part of the symposium will examine conditions under which people are more likely to seek system change. Laura Wallace will propose the independent operation of a system change motivation in addition to a system-justification motivation, and outline conditions under which system change may be most likely to occur. Frank Kachanoff will present research demonstrating that people are more supportive of system change when they feel that other groups seek to unduly control how their group defines and expresses its own sociocultural identity. The second part of the symposium will highlight the role of wise interventions in creating social change. Kathryn Kroeper will demonstrate how an intervention designed to increase the value students place on relationships with their teachers can lead to improved academic performance. Finally, Amanda Diekman will present the “common ground” model, which explores how effectively intervening in social issues can be accomplished by focusing on where social psychological theories converge rather than diverge. By bringing together these diverse perspectives, we hope to promote dialogue across sub-disciplines in order to advance the science behind social change.

Can system-justification and system-change create motivational conflict? A test of the dual-motive versus hydraulic model

Laura E. Wallace, Ohio State University; Micah B. Goldfarb, Indiana University-Purdue University Indianapolis; Cheryl J. Wakslak, University of Southern California; Ido Liviatan, The Open University; Kentaro Fujita, Ohio State University

Determining our Destiny: Restrictions to Collective Autonomy Fuel Collective Action

Frank Kachanoff, Northwestern University; Nour Kteily, Northwestern University; Thoman Khullar, McGill University; Hyun Junn Park, Penn State University; Donald M. Taylor, McGill University

Boosting Academic Performance by Increasing the Value of Teacher-Student Relationships

Kathryn M. Kroeper, Indiana University - Bloomington; Dorainne J. Green, Indiana University - Bloomington; Elise Ozier, Indiana University - Bloomington; Trisha A. Dehrone, Indiana University - Bloomington; Victor D. Quintanilla, Indiana University - Bloomington; Ashlyn A. Nelson, Indiana University - Bloomington; Mary C. Murphy, Indiana University - Bloomington

The culture of science vs. the culture of intervention? Toward common-ground strategies for change

Amanda B. Diekman, Indiana University - Bloomington

MPA Invited Presidential Address

ADHD: Where have we been? Where might we venture?

Betsy Hoza, University of Vermont
Betsy.Hoza@uvm.edu

Fri. 9:00AM – 10:20AM Crystal
Moderator: Kathy Sexton-Radek, Elmhurt College

ADHD is a curious disorder with no single identifiable cause. Symptoms cause serious impairments across multiple domains of daily functioning. Evidence-based treatments for ADHD are palliative, but not curative. This presentation describes limitations of existing treatments and a preliminary, emerging adjunctive physical activity approach for managing ADHD symptoms, especially in early childhood.

Invited Symposium

Toward a More Accurate Reflection of Body Image: Considerations of Lifespan, Gender, and Cultural Diversity

Fri. 8:30AM-10:20AM Salon 1
Organizer: Marie Nebel-Schwalm, Illinois Wesleyan University

This symposium highlights the diversity of body image experiences among ages, genders, and cultures. Important theoretical considerations (the developmental Theory of Embodiment), internalization of body-ideals differences among males and females, and response to prevention program for males are discussed along with evidence of how diversity influences body image.

Embodied Journeys at the Intersection of Body and Culture: The Experiences of Diverse Girls and Women
Niva Piran, University of Toronto

Female and Male Perspectives on Body Image: A Cross-Sectional Analysis
Marie Nebel-Schwalm, Illinois Wesleyan University

Addressing Body Dissatisfaction in Men Using The Body Project: More Than Muscles
K. Jean Forney, Ohio University; Pamela K. Keel, Florida State University; Dennis Pinner, University of Iowa; Tiffany A. Brown, University of California - San Diego

MPA Invited Session – Psi Beta

Assisting Non-Traditional Students' Success in Higher Education: A Study of Community College Students

Nicole Cleland, Stark State Colelge

Sat. 8:30AM – 9:20AM Wilson

The community college setting has become increasingly important in education; yet, graduation rates are low (20%) compared 4-year colleges (69%). Researchers have focused on factors that predict college students' retention and graduation. Measures of students' academic, social, and personal-emotional adjustment to colleges have been found to better predictors of college success than entrance characteristics (Crede & Niehorster, 2012). This study explored differentiation-of-self and effortful control as predictors of students' academic, social, and personal-emotional adjustment to community college in a sample of non-traditional students. Suggestions for future research and implications for therapists and educators are discussed.

Student Panel A Non-Traditional Road Traveled: Community College Pathway Students

Bryan Gerber, Stark State College

Participants: Eric Martinez (AA), Stark State College, Taylor Conner (BA), Kent State University, Kristen Mitzel (MA), Capella University

Sat. 9:30AM – 10:20AM Wilson

Three students, all community college pathway students, will discuss their experiences and triumphs as they move through their academic journey. All three students had the opportunity to engage in undergraduate research and Honor Society membership (Psi Beta) at the community college level. The three students have achieved success at various points along their pathway and plan to continue. This panel is ideal for current community college students as well as educators on all levels of higher education. Four-year Colleges and Universities continue to receive transfer students from community colleges. Each student will give a brief presentation followed by ample time for questions and answers.

Clinical and Developmental Poster Session I

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

1 Relationships between Alcohol Use Disorder symptoms and executive functioning

Rachael Ellison, Edward Hines Jr., VA Hospital; Anne Day, Edward Hines Jr., VA Hospital; Aasma Khan, Grand Canyon University; Jack Lennon, Edward Hines Jr., VA Hospital; Theresa Pape, Edward Hines Jr., VA Hospital; Amy Herrold, Edward Hines Jr., VA Hospital

This preliminary study explores the relationship between alcohol-related symptoms (alcohol craving and symptom severity) and cognition (i.e., executive functioning and attention) among Veterans with Alcohol Use Disorder (AUD) as well as co-occurring mild traumatic brain injury (mTBI) and Posttraumatic Stress Disorder (PTSD).

2 Evidence of Attentional Bias in Gaming Disorder Using Ocular Imaging

Erich Eberhardt, University of Minnesota Duluth; Dustyn Leff, University of Minnesota Duluth; Rebecca Gilbertson, University of Minnesota -- Duluth

The association between ocular imaging metrics and gaming disorder (IGD) symptoms was assessed. Participants were presented with forty-five image pairs (alcohol/control, gaming/control, or alcohol/gaming). Positive associations were found between IGD symptoms and gaming image dwell time ($p = .005$) and initial ocular fixation ($p = .012$) for the gaming/control pair.

3 D2 Receptor Antagonism on Cocaine-Induced Locomotion in Japanese Quail

Izzy Neel, Centre College; Kat Greenleaf, Centre College; Derrick Tonto, Centre College; Karin Gill, Centre College

In female Japanese quail, cocaine does not increase locomotor activity regardless of increased E2 levels, perhaps due to their higher D2: D1 receptor concentration. This phenomenon was investigated by administering a D2 antagonist with cocaine to determine the role dopaminergic receptors play in cocaine-induced locomotion.

4 Negative Mood Regulation Expectancies and Negative Affect in SUD Populations

Brandon Reed, Rosalind Franklin University of Medicine and Science; Steven Miller, Rosalind Franklin University of Medicine and Science

Our meta-analysis shows that negative mood regulation expectancies is significantly and negatively correlated with negative affect among individuals with disordered substance use. This relationship does not drastically change when including control populations, and is unlikely to be moderated by study characteristics. Further comparisons are indicated for future research.

5 Prescription Opioid and Other Impaired Driving Among Rural Women

Matt Webster, University of Kentucky; Megan Dickson, University of Kentucky; Martha Tillson, University of Kentucky; Michele Staton, University of Kentucky

Prescription opioid impaired drivers were compared to other impaired drivers in a sample of high-risk rural women. Prescription opioid impaired drivers had higher past year rates of illicit prescription opioid, anxiolytic, and amphetamine use, as well as experience driving under the influence across a larger number of drugs.

6 Drinking and Sex Motives during Spring Break in Greeks vs non-Greeks

Cassandra Sutton, Washington University in St. Louis; Zoe Peterson, Indiana University Bloomington; Jeffrey Noel, University of Missouri St. Louis; Amber Henslee, Missouri University of Science & Technology

Greek members are an at-risk group for heavy drinking and related consequences. Drinking and sexual motives differed for daily life compared to Spring Break among Greeks (N=106). Specifically, Greek students demonstrated higher drinking motives for daily life and Spring Break whereas non-Greek members reported higher sexual motives for Spring Break.

7 Factors Related to the Increase in Impaired Driving Among Females

Brittany Derr, University of Detroit Mercy; Elizabeth Hill, University of Detroit Mercy

This study assessed a university sample to examine gender differences in drinking, risk taking, risky driving, and sex roles. Male students drove impaired more frequently than females, and they also scored higher than females on risky driving. However, gender differences in risk taking behavior and sex roles were not significant.

8 Reducing an Impact Bias Toward a Health Food

Alyssa Langenberg, Grand Valley State University; Amanda Dillard, Grand Valley State University

There were two main goals of this research. First, to test whether there is an impact bias for a health food. Second, to explore a way to reduce a potential bias. The results suggest that reducing negative affect toward health foods may motivate healthier food choices.

9 Creative Work Environments in STEM and Mental Health

Jonathan Huffman, University of Kansas; Jessica Elizabeth, University of Kansas; Barbara Kerr, University of Kansas

Creative work has been associated with increased health outcomes but this relationship has been less investigated in STEM. The current study investigated opportunities for creative work and mental health. Results revealed a significant relationship between opportunities to be creative with overall mental health in STEM. Implications for counselors are provided.

10 Breast Cancer and Sexuality: A Review of Psychosocial Counseling Interventions

Manisha Sawhney, University of Mary; Kaitlyn Kidder, University of Mary

The present study aims to review current psychosocial counseling techniques used in breast cancer patients. Keywords like breast cancer, sexual functioning, psychosocial interventions, were searched. The final 26 studies included in the review detail the sexual difficulties, and different psychosocial counseling techniques which can be used with breast cancer patients.

11 Health Message Personalization Affecting Coffee Beverage Consumption

Nicholas Gallivan, Kansas State University; Laura Brannon, Kansas State University

Despite having similar amounts of caffeine, there are large differences between traditional coffee and “specialty coffee drinks” in cost and calories. Generic and behavioral-feedback health messages were created to inform participants of the consequences of consuming these specialty coffee drinks. Differences between the messages’ effects, as well as their implications, are discussed.

12 Development of Patient Defined Migraine Assessment

Addie Wikowsky, Missouri State University; Erin Buchanan, Missouri State University; Ryan Cady, Clinvest Research, LLC; Heather Manley, Clinvest Research, LLC; Jim Sly, Clinvest Research, LLC; Arielle Cunningham,

Missouri State University
Migraines are a condition that impact different factors for each person. Previous assessment tools primarily focus on physical and pain-related items. This project focused on expanding our understanding of the psychological impact (cognitive, social) of migraine to better assess patient’s long-term response to treatment.

13 Pokémon Go’s Social and Psychological Effects on Players

Heather Watkins, The Ohio State University; Patrick Ewell, Kenyon College; Camilla Øverup, Fairleigh Dickinson University; Michelle Quist, The Pennsylvania State University; Rosanna Guadagno, University of California, Berkeley
A seven-day diary study investigated potential social, health and psychological outcomes of the augmented reality mobile game Pokémon Go. Results indicated that daily time spent playing was related to increased social interactions and conversation with friends and strangers. Increased daily gameplay was associated with greater life satisfaction and vitality.

14 Pain Acceptance and Self-efficacy Predict Mental Health Outcomes

Samantha Everhart, University of Wisconsin - Milwaukee; W. Hobart Davies, University of Wisconsin-Milwaukee
Pain acceptance and pain self-efficacy are cognitive processes that are associated with a variety of positive outcomes for individuals with chronic pain. Findings from the present study support the unique contributions of each of these processes in promoting mental health for emerging adults with chronic pain.

15 Social Support Predicts Positive Psychosocial Variables in Pregnant Women

Trevor Sooy, Hope College; Anna Langholz, Hope College; Allie Thiel, Hope College; Alyssa Cheadle, Hope College
We conducted a study investigating the impact that perceived social support had on various psychosocial variables. The data showed that there were positive correlations with optimism, gratitude, and forgiveness which suggests that social support has the ability to increase levels of other psychosocial variables.

16 Exploring the Effects of Nature Exposure on Measures of Pain

Lauren Hawley, Northern Kentucky University; Jessica Raines, Northern Kentucky University; Onyinye Uwolloh, Northern Kentucky University; Haley Day, Northern Kentucky University; Ashley Dryden, Northern

Kentucky University; Emily Lohmann, Northern Kentucky University; Kimberly Hanson Breitenbecher, Northern Kentucky University; Kathleen Fuegen, Northern Kentucky University

This study compared the effectiveness of pleasant nature images, pleasant non-nature images, and a no-image control condition in reducing cold pressor pain. Pain distress was greater in the control condition than in the non-nature images condition. Pain threshold, tolerance, intensity, and unpleasantness did not differ by condition.

17 Connection between Coping Methods and Stress Response with TSST

Arre Langer, University of Minnesota Morris; Tyler Sassenberg, University of Minnesota Morris

This study analyzes the association between participant stress coping methods and physiological reactivity to a social-evaluative laboratory stressor, the Trier Social Stress Test. Stress biomarkers include cortisol, alpha-amylase, inflammatory markers, and Epstein-Barr viral reactivation.

18 Sleep Quality and Video Game Playing Motivation in Adults

Mallory Stankovich, University of Michigan - Dearborn; Arlo Clark-Foos, University of Michigan, Dearborn; Michelle Leonard, University of Michigan Dearborn

This study examined if one’s motivations for playing video games could be related to sleep quality in adults. Correlation analyses found sleep quality and unwind motivation were significantly and positively correlated, suggesting participants who played video games to unwind may have good sleep quality. Future research could examine this further.

19 The Role of Teacher Stress in Predicting Classroom Practices

Kelsey Clayback, Vanderbilt University

This study sought to consider the relation between teacher stress and classroom practices. Results suggest that teacher stress is associated with a number of classroom practices. Specifically, teachers who experienced higher levels of stress had more negative classroom climates, poorer classroom organization, and used less effective behavior management strategies.

20 Physiological Responses to a Proactive 5-Minute Stress Management Technique

Kayla Johnson, University of Wisconsin Milwaukee; Marcellus Merritt, University of Wisconsin Milwaukee; Mona Rizeq, University of Wisconsin Milwaukee; Brian Cutberth, University of Wisconsin Milwaukee

We investigated if 5-minute of proactive mindfulness meditation can reduce physiological reactivity to a stressor. We hypothesized that the stress management group will show less physiological reactivity compared to the control group, this benefit will be greater for low trait PCs, and greater for those with more positive moods.

21 Associations Between Stressful Life Events and Physiological Health in Children

Mindy Curran, Idaho State University; Maria Wong, Idaho State University

This study examined the association between family crisis events, sleep parameters, and common illness in children between the ages or 8-12. Regression analyses showed significant associations between family crises and WASO, and family crises and the presence of common illnesses. Implications and future directions will be discussed.

22 Academic stress and self-perception through the grit and mindset lens

Julianna M. Alitto, University of Wisconsin Milwaukee-Waukesha

The purpose of this presentation is to discuss the relationship between grit, mindset, and perceived levels of academic stress and academic self-perception. The potentially protective factors of a growth mindset and high levels of grit in a potentially stressful academic environment will be discussed.

23 Cohabitation as a Moderator Between Financial Stress and Parenting Stress

Demy Alfonso, Northern Illinois University; Elizabeth C. Shelleby, Northern Illinois University; Samantha Awada, Northern Illinois University; Elizabeth Corning, Northern Illinois University

The present study explores associations between financial stress and parenting stress in a sample of mothers of young children. Results revealed that the association between financial stress and parental stress was significantly moderated by marriage/cohabitation, such that higher financial stress was associated with higher parenting stress for married/cohabiting parents.

24 Effects of Toxic Coaching on School and Sport Commitment

David Rusbasan, Marian University; Ericka Ham, Marian University

Our study adapted a measure of toxic leadership to assess toxic coaching. We found toxic coaching positively correlated with school/sport conflict, burnout, and likelihood to quit school and team while negatively correlating with GPA, affective school commitment, and affective sport commitment. Post hoc’s found burnout to mediate multiple outcome relationships.

25 Search for Meaning in Life Predicts Stress Reduction Among Undergraduates

Brian Cerny, Illinois Institute of Technology; Melissa Ivins-Lukse, Illinois Institute of Technology; Sunyoung Lee, University of Illinois at Urbana-Champaign; Katie Robinson, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

Search for meaning in life may serve as a predictive factor for reduced perceived stress. Students who reported greater levels of search for meaning in life reported decreased perceived stress five weeks later. Our results suggest that search for meaning in life may serve as an adaptive response to stress.

26 Stress as a Barrier to Motivation for Health Behavior Change

Natasha Bourgoin, Eastern Michigan University; Alyssa Buthman, Eastern Michigan University; Heather Janisse, Eastern Michigan University

The effects of perceived stress and motivation for health behavior change were examined in a sample of low-income, African American parents. Results show a significant negative relation between stress and confidence in one’s ability to make positive health behavior changes for self and family. Implications for intervention are discussed.

27 ASMR is Suggestive but May Improve Stress and Focus

Josh Woods, Grand View University

The Autonomous Sensory Meridian Response is a scarcely studied new phenomenon with a booming Internet community. This set of experiments showed the experience is, in part, driven by expectancy but is nevertheless effective for relaxation and focusing attention.

28 Compartmentalization, Trauma Reactions, and Life Satisfaction Amongst First Responders

Jessica Sheppard, Lewis University; Edmund Kearney, Lewis University

First responders were surveyed regarding their traumatic experiences, reactions, life satisfaction, and tendency toward emotional compartmentalization. While firefighters/EMT's and police showed similar overall levels, relationships amongst these variables differed between these populations. For firefighters/EMT's, compartmentalization appears to be a protective factor against traumatic reactions and helps to bolster life satisfaction.

29 Hope, Empathy, Cognitive Maturity, Problem Solving and Rejection-Sensitivity

Dorothee Dietrich, Hamline University

Rejection sensitivity, resilience and coping were examined among 80 participants. Heightened rejection sensitivity was found to be significantly associated with resilience sub-scales of lowered cognitive maturity, lowered problem solving ability, lowered interpersonal empathy and decreased hope and optimism. Rejection-sensitivity was also significantly related to several maladaptive coping strategies.

30 Support, Adapt, Succeed: Understanding Youth Protective Factors

Molly Cory, DePaul University; Samantha Schwartz, Depaul University

Low-income urban African American youth experience a multitude of severe and chronic stressors associated with negative life outcomes. The use of adaptive coping strategies may effectively combat those stressors. Our study explores the positive impact of social support from family and school on the use of adaptive coping strategies.

31 Social Anxiety and Alcohol and Marijuana Use Problems

Emily Bartholomay, Southern Illinois University Carbondale; Grace Lyons, Southern Illinois University Carbondale; Bryant Stone, Southern Illinois University; Sarah Kertz, Southern Illinois University

The relationship between social anxiety and alcohol and cannabis use is mixed. The current study focused on problems resulting from alcohol and marijuana use among socially anxious participants. Linear regressions revealed that social anxiety explains variance in alcohol and marijuana use problems but not use itself.

32 Differences in Executive Functioning Between Adults with and without ADHD

Dustin Shepler, Michigan School of Psychology; P. Douglas Callan, Michigan School of Psychology; Christopher Corbin, Michigan School of Psychology; Michelle Justice, Michigan School of Professional Psychology; Charles Oliver, Michigan School of Psychology; Kevin Johnson, Michigan School of Psychology

Derived from actual patient data, our results indicate that adults diagnosed with ADHD have greater deficits in executive functioning compared to adult patients with an alternative diagnosis. Findings are clinically relevant and applicable in the differential diagnosis process.

33 Cognitive Mediators Linking Intolerance of Uncertainty to Social Anxiety

Xinyi Zhan, University at Buffalo

This study examined cognitive mechanisms underlying the association between intolerance of uncertainty (IU) and social anxiety. Students (*N* = 444) completed questionnaires assessing IU, cognitive appraisals, anticipatory/post-event processing, and social anxiety. Results supported this model, indicating that threat appraisal and anticipatory/post-event processing were sequential mediators of the IU-social anxiety association.

34 Psychological Stressors Explain Variability in Homosexual Individual's Self-Esteem

Amanda Chamberlain, Southern Illinois University; Bryant Stone, Southern Illinois University; Chad Drake, Southern Illinois University

Using regression analyses, the researchers demonstrate that homosexual individuals may be more sensitive to threats to self-esteem when experiencing depression or anxiety compared to heterosexual individuals. This sensitivity may be due to socialized internalized homonegativity, which is an established individual difference that leads to poorer mental health outcomes.

35 Stress, Coping Strategies, and Sleep Medication Use in College Students

Emilee Buell, Augustana University; Cassie Thielen, Augustana University; Casey Trainor, Augustana University

Prior research indicates sleep medications are used at a much higher rate among college students than the general population. This study explored the role of stress and a lack of coping strategies as contributing to the high rate of sleep medication. Results revealed both stress and poor coping strategies predicted

36 The Relationship between Emotion Dysregulation and Pre-Sleep Arousal

Brianna Green, Augustana University; Maddie Antonson, Augustana University; Justin Radermacher, Augustana University; Veronica Knutson, Augustana University; Casey Trainor, Augustana University

Prior research has shown both emotional dysregulation and pre-sleep arousal negatively impact sleep. This is the first study, however, to examine the relationship between emotion dysregulation regulation and pre-sleep arousal. Results revealed emotion dysregulation predicts pre-sleep arousal. Furthermore, individual subfactors of emotion dysregulation appear to impact pre-sleep arousal differently.

37 Examining Verbal Ability and Externalizing Behaviors Among College Students

Taylor Wohlgamuth, Ohio Northern University; Kayla Reuss, Ohio Northern University; Taylor Rabold, Ohio Northern University; Paige Torbet, Ohio Northern University; Clara Huffman, Ohio Northern University; Keely Wagner, Ohio Northern University; Ian Smith, Ohio Northern University; Kaitlyn Hurd, Ohio Northern University; Josilyn Lieb, Ohio Northern University; Ann Johnson, Ohio Northern University

Research suggests children with language deficits may exhibit behavioral impairments; however, there is little research on the relationship between verbal abilities and maladaptive behaviors in adults. This study examined verbal ability and externalizing behaviors, such as alcohol use, ADHD, delinquency, and emotion regulation. Verbal abilities did not predict externalizing behaviors.

38 The Relationship Between Moral Foundation Endorsement and HPV Vaccination Rates

Akila Raoul, Loyola University Chicago; Jeffrey Huntsinger, Loyola University Chicago

Recently, vaccine hesitancy has been on the rise in the United States. Prior research has linked vaccine hesitancy to morality. The purity and liberty moral foundations are positively correlated with vaccine hesitancy. Our study found that endorsement of the purity moral foundation is significantly negatively correlated with HPV vaccination rates.

39 Resisting Temptation and Moral Judgment

Nicole Stephenson, Ohio University; Mark Alicke, Ohio University

We investigated whether people who behave morally by overcoming temptation are evaluated more favorably than those who are never tempted in the first place. Our results showed that characters who experienced no temptation were viewed as more moral than those who experienced strong temptation, even if both ultimately resisted immorality.

40 Moral Justifications for Lying to a Family Member with Dementia

Amy Hodel, University of Wisconsin-Oshkosh; Sarah Barron, University of Wisconsin Oshkosh; Jarad Strong, University of Wisconsin Oshkosh; Alexandria Ebert, West Virginia University; Kassidy Urbanek, University of Wisconsin Oshkosh; Anca M. Miron, University of Wisconsin Oshkosh

We used Gilligan’s (1982) morality of care theory to create a coding system of moral justifications in response to vignettes depicting people lying to a relative with dementia. Participants with a relative with dementia (versus those without) were less likely to use abstract moral principles as justifications for lying.

41 Social Consequences of Moral Dilemma Decisions

Irene Cheung, Huron University College; Paul Conway, Florida State University; Joshua Wright, University of Western Ontario; Morgane Lashkari-Moghaddam, Huron University College

Two studies examined forgiveness and punishment of the self versus a stranger depending on their moral dilemma decision to reject vs. accept outcome-maximizing harm. The findings revealed not only that decision matters, but that people were harsher on themselves than others for making each decision, and also replicated past work.

42 Impacts of a Socio-Emotional Program for Orphaned Children in India

Amy Governale, Loyola University Chicago; Lydia Chechowitz, North Park University

Orphans are at greater risk for mental health difficulties. This study evaluated a socio-emotional program conducted in multiple orphanages across India using a quasi-experimental design. Children and caregivers who attend the program reported on well-being and behavioral competencies and were compared to age-gender matched controls. Recommendations for programming are discussed.

43 An Examination of Replication Variability Across Seven Replication Studies

Sean Conway, University of Wisconsin-Oshkosh; Kevin Mohawk, University of Wisconsin-Oshkosh; Rebecca Timmins, University of Wisconsin-Oshkosh; David Lishner, University of Wisconsin Oshkosh

Data from seven replication studies (Bullock et al., 2018) were re-analyzed to investigate effect size variability in the replication process. Results suggest advantages to computing average effect sizes within nests of replication studies. Moreover, effects varied substantially by researcher despite simultaneous data collection using identical procedures and materials.

44 CAARS Inconsistency Index in Detecting Malingering ADHD in College Students

Mary Simons, Marquette University; Madeline Rockhold, Marquette University; Meaghan Brackin, Marquette University; Morgan Nitta, Marquette University; Kathryn Ritchie, Marquette University; James Hoelzle, Marquette University

Contrary to previous research, this study discovered the Inconsistency Index of the Conners' Adult ADHD Rating Scale is approaching significance in regards to catching feigners at the clinical cut-off score of ≥ 8. This indicates the INC can be effective when used alongside other forms of performance and symptom validity tests.

45 Conners' Adult ADHD Rating Scale Exaggeration Index in Collegiate Population

Elizabeth Marston, Marquette University; Alexandria Johnson, Marquette University; Paige Massaker, Marquette University; Morgan Nitta, Marquette University; Kathryn Ritchie, Marquette University; James Hoelzle, Marquette University

This study examines the utility of the Exaggeration Index within the the Conners' Adult ADHD Rating Scale (CAARS) which is used to assess ADHD. The Index successfully identified 19% of the suspect effort group. The results suggest clinicians should not solely use this measure in determining an ADHD diagnosis.

46 Knowing the Purpose of the Study and Interpersonal Distance

Wendy A. Schweigert, Bradley University; Taylor Baker, Bradley University; Adam Bitar, Bradley University; Brittany Goodrich, Bradley University; Kayli Gorrie, Bradley University; Brittany Hooten, Bradley University; Morgan Lain, Bradley University; AUSTIN LAIR, Bradley University; Abigail Schmidt, Bradley University; Danielle Segerstrom, Bradley University; Bailey Thompson, Bradley University

Whether knowing the purpose of a personal space study affects the distance a participant stands from a confederate was investigated.Those who knew the study was about personal space stood approximately 8 inches closer to the confederate than those who did not know the study's purpose.

47 Personality and Interpersonal Distance: Approaching vs Being Approached

Wendy A. Schweigert, Bradley University; Adam Bitar, Bradley University; Kayli Gorrie, Bradley University; Priyal Patel, Bradley University; Bailey Thompson, Bradley University; Morgan Lain, Bradley University; Brittany Hooten, Bradley University; AUSTIN LAIR, Bradley University; Brittany Goodrich, Bradley University; Danielle Segerstrom, Bradley University; Andrew Freeman, Bradley University

People indicate a closer comfortable distance when another person is approaching than when approaching another person. This effect is strongest among those high in Agreeableness, but disappears among those high on Openness.

48 Validation of the Career Decision Making Outcome Expectations Scale

Michael Kozlowski, University of Wisconsin--Milwaukee; Nina Linneman, University of Wisconsin--Milwaukee; Matthew Kessler, University of Wisconsin-Milwaukee; Nadya Fouad, University of Wisconsin--Milwaukee

This study developed a measure that covers all classes of outcome expectations in the situation of career decision-making. An item pool was sent to students in a major exploration class. Exploratory structure equation modeling revealed a three factor structure providing some evidence for validity of the measure.

49 Evaluating the Self-Control and Self-Management Scale in a Youth Sample

Sarah Herr, The University of Toledo; Hannah Herc, The University of Toledo; Peter Mezo, University of Toledo; Kellyann Navarre, University of Toledo

Self-control and self-management skills (SCMSk) are useful for emotion and behavioral problems in children. The self-control and self-management scale (SCMS) has shown to be a valid measure of SCMSk but only in adult populations. Our study provides evidence for the validity and reliability of the SCMS in a youth sample.

50 Criterion Validity for Behavioral Questions: A Pilot Study

Colleen Bader, Southern Illinois University, Carbondale

Criterion validity of researcher developed behavioral reaction questions was explored in an experimentally manipulated vignette study about traffic stops.

51 How Therapists Navigate Facebook with Clients

Sarah Knox, Marquette University; Jeremy Connelly, Marquette University; Aaron Rochlen, University of Texas; Miranda Clinton, University of Texas; Meghan Butler, University of South Florida; Sally Lineback, University of Texas

Eight psychotherapists described personal/professional social media (SM) use, SM policies, and a Facebook (FB)-related client discussion. Discussions arose because clients sought to “friend” therapists; therapists explained why they do not do so. Discussion consequences included strengthened SM practices/policies and enhanced therapy relationships, but also client distressing emotions and therapist discomfort.

52 Detecting Malingering among Students Seeking Accommodations for Dyslexia

Sarah Droder, Denison University; Robert Weis, Denison University

We developed a reading-specific performance validity test designed to detect low-effort test-taking among college students seeking accommodations for dyslexia. The CARE (College Assessment of Reading Effort) effectively differentiated students simulating dyslexia from honest examinees with and without dyslexia with sensitivity, specificity, and predictive power $\geq$ .90.

53 Association between Parental Smartphone Overuse and Young Adult’s Well-being

Nan Xu, University of Wisconsin-Milwaukee; Kathryn Balistreri, University of Wisconsin-Milwaukee; Paulina Lim, University of Wisconsin-Milwaukee; Amy Lang, University of Wisconsin, Milwaukee; W. Hobart Davies, University of Wisconsin-Milwaukee

Smartphone overuse has been negatively associated with mental and physical health. The current study found mothers’ smartphone overuse negatively associated with their adult children’s well-being. Although the frequency of smartphone distraction was greater between mother-son dyads compared to mother-daughter dyads daughters, daughters rated it as more problematic than sons.

54 Vocational Assessment in Rehabilitation: Commonly Used Tests

Amanda Short, Illinois Institute of Technology; Grace Gufler, Illinoi Institute of Technology; Yen Chun Tseng, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

Vocational assessment is a vital part of the rehabilitation process; however, little is known about the specific vocational assessments used by rehabilitation psychologists and related professionals. The purpose of this study was to survey rehabilitation professionals to shed light on the most common vocational assessments used in the rehabilitation field.

55 Gender Differences in Public Speaking Anxiety

Mallika Chakrabarti, Avila University; Vivian Gleason, Avila University; Dariah Wixon, Avila University; Marcia Pasqualini, Avila University

Do men and women differ in Public Speaking Anxiety (PSA)? As predicted, women reported higher levels of PSA and generalized anxiety disorder (GAD) than men, PSA and GAD self-ratings were positively correlated across genders, and women reported greater physiological reactions to PSA than men.

56 Internet Gaming Disorder and Psychological Needs

Steven J. Hoekstra, Kansas Wesleyan University

Gamers were compared on psychological needs (relatedness, competence, autonomy), social ostracism, technological literacy, and gaming addiction. Gaming addicts were different from non-addicts, and addiction was unrelated to time spent gaming. Gamers tended to be lower on need for relatedness, but not social ostracism. Fortnite was popular in the sample.

57 Mindfulness Improves Verbal Learning and Memory through Enhanced Encoding

Adam Lueke, Ball State University; Niloufar Lueke, Ball State University; Nick Cutillo, Ball State University; Adam Foust, Ball State University; Holly Gagnon, University of Utah; Ariana Leeseberg, Central Michigan University; Audrey Scaer, Ball State University; Megan Slagel, Ball State University; Zachary Taylor, Ball State University

Research has shown that mindfulness may improve verbal learning and memory, but the mechanism by which it does this is unclear. Comparing a brief meditation group to a control, we found that mindfulness improved the encoding process of memory, which led to better recall on a verbal learning task.

58 Developmental Effects of Adolescents' Online Impression Management Strategies on Wellbeing

Emily Tenkman, Xavier University; Maggie Stets, Xavier University; Chelsea Esmeier, Xavier University; Tammy Sonnentag, Xavier University

We examined if females' wellbeing is affected by their online impression management strategies across the developmental period of adolescence. Heightened tendencies to manage one's impression online (e.g., editing photographs) was associated with lower social and psychological wellbeing, and these relationships emerged regardless of the adolescents' age.

59 Constitutional and Experiential Variables Underlying Eating Disorders

Shannon Dalley, Roosevelt University

Emotion regulation (ER) and self-efficacy are related to, if not predictive of, eating disorders (ED). Yet the extent to which self-efficacy impacts the relationship between specific components of ER and ED attitudes remains unknown. This project investigates specific components of ER to identify currently unknown predictors of ED attitudes.

60 Attributions Associated with Leader Age and Gender

Maria Clapham, Drake University; Kalle Solberg, Drake University

This study expands the research on stereotyping in leadership by examining the role that leader age and gender play in the perception of leadership characteristics. The results show that men and women attribute different leadership characteristics to leaders based on their age and gender.

61 Trait expectations predicting anxiety and depression symptoms and life satisfaction

Sarah Fortney, Indiana University-Purdue University Indianapolis; Mackenzie Shanahan, Indiana University Purdue University Indianapolis; Ian Fischer, Indiana University Purdue University Indianapolis; Kevin Rand, IUPUI

Trait expectancies (i.e., hope and optimism) are associated with better psychological well-being. Hope predicted a positive index of psychological well-being (i.e., life satisfaction); whereas, optimism predicted negative indices of psychological well-being (i.e., depression and anxiety symptoms). Results suggest that trait expectancies may influence psychological well-being through different routes.

Stereotyping II

Fri 10:30AM - 12:20PM Salon 5/8

Moderator: Cynthia Willis Equeda, University of Nebraska, Lincoln

10:30 Difference as an Indicator of the Self-Stigma of Mental Illness

Katherine Nieweglowski, Illinois Institute of Technology; Binoy Shah; Patrick Corrigan, Illinois Institute of Technology

This study sought to validate the newly developed Differentness Self-Stigma Scale to determine whether perceptions of differentness impact reports of self-stigma in people with mental illness. Results revealed that higher harm scores resulting from internalized stereotypes of difference predicted increased depression and decreased self-esteem.

10:45 Self-Stigma of Mental Illness: Perceptions of Difference and Disdain

Binoy Shah; Katherine Nieweglowski, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology

This study sought to examine perceptions of difference and disdain across stages of self-stigma of mental illness. Results indicated variable perception of difference and disdain across proximal and distal stages of self-stigma.

Lastly, disdain seems to be the driver of the egregious effects of self-stigma for people with mental illness.

11:00 Understanding Recovery from Mental Illness versus Substance Use Disorder

Sang Qin, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology; Lester Moy, Illinois Institute of Technology

Definitions of recovery differ between mental illness (MI) and substance use disorder (SUD). We sought to understand the differences by examining two recovery models: outcome (symptom free) or process (symptom management). Results showed process perspectives are more endorsed for MI whereas outcome perspectives are more endorsed for SUD.

11:15 Higher SES affects "boyhood" for defendants? The jury's out.

Pamala Dayley, Pennsylvania State University - Abington Campus; Michael Bernstein, Penn State Abington

We investigated how Race and Socioeconomic Status impact perceptions of Age and Boyhood. We found a significant interaction between these factors. The white defendant was viewed as older when described as being apart of a lower class. No significant differences emerged for black defendants.

11:30 Confronting prejudice and apathy: The effects of social context

Elysia Vaccarino, York University; Kerry Kawakami, York University

The current research examined dynamics of confronting intergroup bias. Results demonstrated that while targets of sexism are expected to confront, they are evaluated negatively when they do. In contrast, male witnesses are not expected to confront sexism, but are rewarded for doing so. Importantly, results were qualified by social context.

11:45 Implicit Racial Bias at the Intersection of Target Age and Gender

Kelsey Thiem, University of Massachusetts Amherst; Rebecca Neel, University of Toronto; Austin Simpson, University of California, Davis; Andrew Todd, University of California, Davis

Past research has found that Black men and Black boys are more readily associated with danger than White men and White 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.

12:00 Supportive versus Restrictive Framing in Racial Bias Confrontations

Laura Hildebrand, Purdue University; Evelyn Carter, Indiana University;

Mason Burns, Indiana University; Margo Monteith, Purdue University
We investigated the effect of framing (supportive versus restrictive) on confrontations of racial bias during actual face-to-face dialoguing. Persuasive arguments with a restrictive framing were perceived as less supportive and more hostile; nevertheless, these perceptions drove greater bias reduction than a supportive framing.

Sexual Orientation and Relationships

Fri 10:30AM - 12:20PM Salon 3
Moderator: Julie Herbstrith, Western Illinois University

10:30 Changing attitudes and actions toward LGBTQIA+ individuals: Progress or pushback?

Claire Etaugh, Bradley University
Americans' acceptance of LGBTQIA+ individuals has increased markedly during the past two decades, as exemplified by the 2015 Supreme Court's legalization of same-sex marriage. While U.S. cities continue to advance LGBT rights, 29 states recently have introduced hundreds of anti-LGBT bills. What factors might account for these discrepant attitudes and actions?

11:00 Single Heterosexuals and Sexual Minorities: Changing Perceptions over a Quarter-Century

Claire Etaugh, Bradley University; Alexis R. Dockman, Bradley University; Valerie Q. Glossop, Bradley University; Lauren Goldberger, Bradley University; Kayli Gorrie, Bradley University; Hannah Fauser-Hoyt, Bradley University; Mariela Jasso, Bradley University; Samantha J. Lechowicz, Bradley University; Nina M. Puccinelli, Bradley University; Katlyn N. Smigielski, Bradley University; Bridget Smith, Bradley University; Hannah Snidman, Bradley University; Deanna Wiggin, Bradley University
College students in 1991, 2012-2014, and 2017-20i8 evaluated societal views of single women and men. Most favorably rated were never-married heterosexuals (1991) and widowed heterosexuals (2012-2014; 2017-2018). Although never-married lesbians and gays ranked lowest in all periods, views of these sexual minorities improved significantly in 2012-2014 and 2017-2018.

11:15 The Impact of Sexual Orientation on Perceived Rape Victim Responsibility

Eyad Naseralla, Saint Louis University; Ruth Warner, Saint Louis University Department of Psychology

The present study examines the degree to which a rape victim’s sexual orientation and sexual history impact attributions of responsibility to the victim. Results indicate that perpetrators are attributed less responsibility when the victim is heterosexual, compared to lesbian or bisexual. No other significant effects of sexual orientation were found.

11:30 Police Attitudes of Partner Violence in Heterosexual and Same-Sex Couples and Officer Locale

Brenda Russell, Penn State Berks; Natalie Reigner, The Pennsylvania State University, Berks; Rachel Jensen, George Mason University

This study examines the impact of officer locales on their perceptions of disputants in heterosexual and same-sex intimate partner violence incidents. Results from 309 officers indicate that locale influenced their perceptions of unusualness of the incident, fairness in use of mediation, and fairness in asking disputants to leave the premises.

11:45 Examining Men’s Consensual Sexual Behaviors in a Virtual Dating Simulation

Breanne Helmers, Wayne State University; Antonia Abbey, Wayne State University

Men who engaged in consensual sexual behaviors with a virtual female agent in a dating simulation believed alcohol affects their sex drive and drank more during the simulation and complimented her. Their choices pre- and within-simulation were more predictive of their consensual behaviors than their reflections post-simulation.

12:00 Traits of Female False Accusers and of Falsely Accused Men

Sharon Bertsch, University of Pittsburgh-Johnstown; Kasandra Matthews, University of Pittsburgh at Johnstown

Estimates of fictional assault vary widely. Certain personality characteristics are more likely among both victims and perpetrators. About 33% of our community sample (N = 300) knew someone who had been falsely accused. Forty-six percent of women could imagine making a claim. Several personality traits predicted claims for each sex.

Adaptive and Maladaptive Outcomes in Childhood and Adolescence

Fri 10:30AM - 12:20PM Salon 1

Moderator: Rebecca M. Stoddart, Saint Mary's College

10:30 Is there a healthy time perspective? How thoughts and feelings about the past, present, and future are associated with psychological well-being and risky behaviors among adolescents

Zena Mello, San Francisco State University

A new model of time perspective is presented that comprises dimensions (thoughts and feelings) and time periods (past, present, and future). The model is used to examine associations among time perspective, psychological well-being, and risky behaviors among adolescent samples. Findings are discussed with implications toward interventions.

11:00 Transactional Associations between Child Conduct Problems and Parenting Practices

Samantha Awada, Northern Illinois University; Elizabeth C. Shelleby, Northern Illinois University; Elizabeth Corning, Northern Illinois University; Demy Alfonso, Northern Illinois University

The present study examined transactional associations between child conduct problems and lax, overreactive, and positive parenting practices. Child conduct problems were observed to elicit overreactive and lax parenting. Further, more overreactive and fewer positive parenting practices emerged as important predictors of conduct problems in early childhood.

11:15 Interaction between Problem-Focused Coping and Child Psychopathology on Academic Competence

Tara McCoy, Monmouth College; Christina Nicolaides, Monterey Peninsula College

We explored the association among problematic behaviors, emotion socialization (i.e., parents' problem-focused reactions to children's negative emotions), and academic competence among young children. Results suggest that children high in internalizing or externalizing behavior, but low socialization of problem-focused coping, were rated higher in academic competence.

11:30 Effects of Parenting Practices on Offspring's Emotion Regulation and Anxiety

Seyedeh Tannaz Mirhosseini Ghamsari, Cleveland State University; Skye Napolitano, Cleveland State University; Angela Bush, Cleveland State University; Pranav Bolla, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Extant research demonstrates a relationship between parenting behaviors and offspring's emotional well-being. We examined whether emotion regulation (ER), both adaptive and maladaptive, mediate the effect of parenting behaviors on their children's anxiety levels. Positive parenting behavior predicted adaptive ER repertoires, but not maladaptive ER or anxiety. Clinical implications are discussed.

11:45 Factors related to at-risk behaviors among 12-18 year olds.

Jimmy Kijai, Andrews University; Rabab Abdulghani, Andrews University; Ayat Hamzah, Andrews University

The purpose of this study is to examine the extent to which at-risk behaviors among 12-18 year-olds who were attending Adventist academies in North America may be related to personal, family, church and school related variables. A model for explaining these possible inter-relationship are presented.

12:00 Parental Behaviors Moderate Affective Dynamics in Parent-Child Relationships

Angela Bush, Cleveland State University; Skye Napolitano, Cleveland State University; Kayla Scamaldo, Cleveland State University; Evan Basting, Cleveland State University; Pranav Bolla, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

The reciprocal relationship between parental and offspring affect has yet to be examined in daily life, especially as a function of trait-level parental behaviors. Here, maternal affective instability evidenced pernicious effects on offspring negative affect and ineffective parenting behaviors modified this relationship.

Close Relationships

Fri 10:30AM - 12:20PM Salon 6/7

Moderator: Ximena Arriaga, Purdue University

10:30 Do I want you and can I have you? Desirability and feasibility concerns mediate the association between relationship status and pursuit of alternatives

Lucy Louise Hunt, Purdue University

Why would someone forgo the opportunity to pursue a high-quality mate? Three studies demonstrate that differences in perceptions of alternatives (i.e., desirability concerns) and barriers (i.e., feasibility concerns) illuminate important differences between single and partnered individuals, and jointly determine intention to initiate a romantic relationship with a novel potential partner.

11:00 Differences and similarities between past and current partners

Katelin Leahy, Michigan State University; William Chopik, Michigan State University

The current study examined similarities and differences between individuals, their current partner, and their most recent ex-partners. Similarities in age, BMI, depression, and disability occurred for current partners and ex-partners. Current partners differed in important ways – current partners were younger, less depressed, had fewer disabilities and were healthier.

11:15 Partner sexism and stigma consciousness: How 'Prince Charming' undermines relationship satisfaction

Danielle Kellogg, Loyola University Chicago; Tracy DeHart, Loyola University Chicago

Across two studies, we found that for women low in chronic perceived partner sexism, stigma consciousness negatively related to relationship satisfaction in the sexism condition and was unrelated in the control condition. These findings suggest that partner sexism undermines romantic relationships, even when it is relatively ambiguous (benevolent sexism).

11:30 American Affection & Ecuadorian Expression: Cultural Differences in Romantic Relationships

Jenni Miska, Western Washington University

The present study is investigating the cross-cultural differences between romantic relationships in an American sample and an Ecuadorian sample. Using factor analysis and structural equation modeling, we examine how a person's culture and implicit relationship beliefs relate to their preferences for affection.

11:45 Touch Reduces Jealousy in the Anxiously Attached

Kaylyn Kim, Purdue University; Brooke Feeney, Carnegie Mellon University; Brittany Jakubiak, Syracuse University

Touch and a traditional security prime was examined a means of reducing jealousy in highly anxious individuals. Individuals in romantic relationships were induced to feel jealous during which time they were randomly assigned to receive affectionate touch from their partners, a traditional nontouch security prime, or no intervention (control).

12:00 Dating Life Experiences: Online Dating, Personality, and Subjective Well-Being

Diana Pernokis, King's University College at Western University; Mike

Morrison, King's University College at the University of Western Ontario
We examined interrelationships between personality, online dating, motivations, and subjective well-being (SWB). Use of online dating tools was associated with lower SWB, while perceived success was associated with higher SWB. Having found a relationship partner online was associated with higher romantic life satisfaction. Other patterns and implications are discussed.

Psychology of Religion

Fri 10:30AM - 12:20PM Salon 10
Moderator: Christine Lam, University of St. Thomas

10:30 In the Image of God: The Relationship between God Concepts and Ideological Beliefs and Racial Attitudes

Simon Howard, Marquette University
Recent studies have explored whether certain conceptualizations of God/Jesus are associated with various attitudes and beliefs. We examined the relationship between gendered or raced God concepts with rigid ideologies (e.g., right-wing authoritarianism) or anti-Black attitudes. The broader impact that God concepts may have on social and political domains are explored.

11:00 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.

11:15 What Makes Life Meaningful for Theists and Atheists?

Taylor Nelson, North Dakota State University; Clay Routledge, North Dakota State University; Andrew Abeyta, Rutgers University-Camden
The goal of the current study was to expand the literature by assessing similarities and differences in sources of meaning between theists and atheists. We find that despite religious differences, social relationships are most important for meaning. However, we find several distinctions between the groups’ sources of meaning in life.

11:30 Religiosity and Delay-of-Gratification: The Effects of Personal and Institutional Dimensions

Adam Carlitz, Ohio University; Kimberly Rios, Ohio University; Ronaldo Vigo, Ohio University

Previous research suggests there is a positive correlation between religiosity and delay-of-gratification. However, most of this work has treated religiosity as though it were a unidimensional construct. We, therefore, conducted an experiment to examine how personal (i.e., religious belief) and institutional (i.e., religious practice/community) religiosity dimensions influence delay-of-gratification.

11:45 Counting Blessings vs. Confessing Sins: A Short-Term Experimental Investigation

Brandon Whittington, Jefferson College; David Hart, California State University - Fullerton; Steven Scher, Eastern Illinois University

A short-term experimental design randomly assigned participants to gratitude, confession, or a non-prayer control condition. Consistent with hypotheses, participants in the gratitude prayer condition reported higher levels of positive affect compared to control and participants in the confession prayer condition reported higher levels of negative affect compared to both groups.

12:00 Impressions Based on Motives for Helpful and Harmful Behaviors

Doug Krull, Northern Kentucky University

This study investigated the effect of motives for helpful and harmful behavior. Participants viewed helpful behavior most favorably when motivated by concern for others, less favorably when religiously-motivated, and least favorably when designed to make a good impression on friends. However, harmful behavior was viewed equally unfavorably regardless of motive.

Working Memory and Attention

Fri 10:30AM - 12:20PM Salon 12
Moderator: Mark Ludorf, Stephen F. Austin State University

10:30 Unpacking the role of environmental influences in cognitive control

Vrinda Kalia, Miami University

Cognitive control affords individuals the ability to control their thoughts and achieve their goals. Empirical research has indicated that cognitive control displays both state based characteristics as well as stable trait-like attributes.

This presentation will review data showing that variance in cognitive control can be influenced by environmental demands.

11:00 The Relationship between Working Memory and Enumeration with Distraction

Elizabeth Wiemers, Purdue University; Thomas S Redick, Purdue University

Despite visual similarity, enumeration tasks and visual search tasks differ in their relationships with working memory, with enumeration consistently related even without distractors and visual search consistently unrelated even with difficult conjunctive search. Three experiments explore these relationships by altering the presence, absence, and type of distractors.

11:15 Spontaneous and Directed Attention to Number and Proportion

Michelle Hurst, University of Chicago; Ty Boyer, Georgia Southern University; Sara Cordes, Boston College

We investigate why people rely on numerical information when processing non-symbolic proportion. We find that absolute numerical information is more precisely represented, more salient, and more difficult to inhibit than proportional information. Thus, the relative difficulty of proportion appears to be pervasive through multiple aspects of the reasoning process.

11:30 Surprising Effects of Working Memory Load on Visual Selective Attention

Ewald Neumann, University of Canterbury

The role of working memory in visual selective attention was investigated. Participants ignored distractor faces, superimposed on target celebrity names, under low or high memory loads. Interference effects from famous (compared to anonymous) distractor faces were invariant as a function of load, contradicting conclusions from an influential *Science* (2001) article.

11:45 Gaze Amplifies Value in Decision Making

Stephanie Smith, The Ohio State Universiy; Ian Krajbich, The Ohio State University

When deciding, people tend to choose the option they look at more. An unanswered question is how attention influences the choice process. We examine choices from six studies to characterize the value-attention relationship. Computational modeling and qualitative data features demonstrate that attention exerts a multiplicative role of attention in choices.

12:00 Volitional Attention and Attentional Selection in Film: A Cultural Comparison

Taylor Simonson, Kansas State University; John Hutson, The College of Wooster; Ryoh Takamori, Kyoto University; Shunsuke Kumakiri, Kyoto University; Ella McLeod, Kansas State University; Hudson Treu, Kansas State University; Yuhang Ma, Kansas State University; Anna Cook, Kansas State University; Katherine Kolze, Kansas State University; Kenzi Kriss, Kansas State University; Yoshiyuki Ueda, Kyoto University; Jun Saiki, Kyoto University; Les Loschky, Kansas State University

This study investigated if there were differences in attention between cultures, which have not been studied during film clips. Kansas and Japanese participants were eye-tracked while viewing films. Effects of culture, condition, and attentional demand on eye-movements suggests attentional selection differences between cultures and consistent attentional control strategies across cultures.

Invited Workshops

Chairing a Department of Psychology: Advice from Seasoned Chairs

David Kreiner, University Of Central Missouri; Susan Amato-Henderson, Michigan Technological University; Susan Murray, Missouri S&T
kreiner@ucmo.edu

Fri. 10:30AM – 11:30AM Wilson

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.

Invited Symposium

Off the Tenure Track: Careers and Pursuits in Public Service, Civic Engagement, Non-Academic Writing, and Applied Research

Fri. 10:30AM-12:20PM Salon 2
Organizer: Ellie Shockley, North Dakota University System

Psychologists who are off of the tenure track will describe their careers and other endeavors relevant to their professional and scientific training. Topics will include behavioral research in industry, institutional/educational research, policy work and civic engagement at local/state and federal levels, non-academic writing, adjunct teaching, and consulting.

Opportunities in Institutional Research, Public Service, and Civic Engagement
Ellie Shockley, North Dakota University System

Psychology in the Federal Government
Steve Newell, American Psychological Association

Behavioral Science at Industrial Research Labs
Maarten Bos, Snap Inc.

Forging Your "Frankenstein" Career: Alt-Academic, Non-Academic, and Consulting Options
Devon Price, Loyola University Chicago

Symposium

Recent Advances in Social Categorization Research

Fri. 10:30AM – 12:20PM Chicago
Organizer: David Johnson, Michigan State University

Humans act differently towards others based on their social category membership. The impact of social categories (e.g., race, age) is broad, ranging from perception all the way to behavior. In this symposium we share some of the most current advances in this area. Victor Keller presents work on the minimum requirements necessary to elicit categorization by novel groups. Mattea Sim tests how intersecting social categories (race and age) impact size and strength perceptions. David Johnson tests the degree to which these perceptions are driven by social categories versus individual differences. Jenna Harder demonstrates the impact of intersecting social categories (e.g., upper-class Black Americans) on shooting decisions. These talks address current critical questions in social categorization: when do social categories impact behavior, how much do they impact behavior, and how do social categories impact decisions in intersectional contexts.

Social Categorization of Situational Groups
Victor Keller, Michigan State University

Boys to Men: Evidence for an Adolescent Race-based Size Bias
Mattea Sim, Indiana University

Size and Strength: Driven by Social Categories or Individual Differences?
David Johnson, University of Maryland at College Park

What “Shooting Bias” Tasks can Tell us About Intersectionality
Jenna Harder, Michigan State University

Behavioral Neuroscience Posters

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

1 Work Ethic in the Rat using a Scented String Discrimination Task

Daren Kaiser, Purdue University Fort Wayne; Samantha Anderson, Purdue University Fort Wayne; Coleton Terry, Purdue University Fort Wayne

The present research examined work ethic by requiring rats to pull up a string (either short or long) to receive reinforcement. There was a trend for the rats to prefer scented strings that had been previously associated with less effort to obtain rewards (i.e., shorter strings).

2 Second-Order Augmentation

W. Robert Batsell Jr., Kalamazoo College; Rachel Girard, Kalamazoo College; Chelsea Miller, Kalamazoo College; Christina Dandar, Kalamazoo College; Gabrielle Shimko, Kalamazoo College

When a preconditioned flavor (A) is conditioned with a second flavor (S), conditioning to Flavor S is augmented. In 3 experiments, we added a third conditioning phase to show Flavor S can enhance the aversion to a third flavor (N) even further. A phenomenon we have labeled *second-order augmentation*.

3 Effects of Developmental and Adult Antipsychotic Administration on Dendritic Structure

Taryn Taugher, Northern Kentucky University; Emily Lohmann, Northern Kentucky University; Emily Baltes Thompson, Northern Kentucky University; Tyler Downnen, Northern Kentucky University; Mark Bardgett, Northern Kentucky University

This study explored the effects of chronic antipsychotic administration during development or adulthood on dendritic architecture within the parietal cortex of rats. Maximal dendritic branching was greater in rats that received antipsychotics early in life but was lower in those that received antipsychotics during adulthood.

4 Early-Life Antipsychotics and Neuronal Activity in the Adult Prefrontal Cortex

Emily Lohmann, Northern Kentucky University; Taryn Taugher, Northern Kentucky University; Tyler Downnen, Northern Kentucky University; Emily

Baltes Thompson, Northern Kentucky University; Mark Bardgett, Northern Kentucky University

This study determined if ongoing neuronal activity in prefrontal cortex during adulthood, as assessed by Fos immunoreactivity, is modified by early-life administration of the antipsychotic drug, risperidone. While subregional differences in Fos-positive neurons were evident, early-life risperidone did not alter Fos expression in the prefrontal cortex.

5 Voluntary Exercise Prevents Anxiogenic Phenotype in Rat Model of Stress

Brandon Porter, University of Dayton; Caroline Lynch, University of dayton; Tracy Butler, University of dayton

We investigated the effect of exercise on anxiety-like behavior, stress response, and alcohol consumption in a rat model of early life stress, finding exercise reduced anxiety-like behavior. Exercise may serve as a protective factor amid chronic-stress.

6 Development of a Mouse Model of Oral Fentanyl Self-Administration

Sean Monroe, Miami University; Anna Radke, Miami University; Kristen Schuh, Miami University

Opioid addiction is a major public health crisis that is poorly treated. As such, neurobiological and behavioral research investigating the mechanisms that underlie this issue is desperately needed. We developed a fentanyl self-administration model in mice and found that they will exhibit compulsive-like behavior in order to receive fentanyl.

7 Acute Stress Effects on Voluntary Ethanol Consumption in BTBR T+tf/j Mice

Hewlet G McFarlane, Kenyon College; Alejandra Colmenares, Kenyon College

Previous studies show that BTBR T^+tf/J (BTBR) mice, used to model Autism Spectrum Disorder, display abnormal stress reactivity. This study shows that they exhibit exaggerated stress reactivity in response a Tail Suspension Test (TST), and that the TST dysregulates binge-like ethanol intake in group and individually-housed BTBR mice.

8 Violent Video Game Viewing Facilitates Emotion Modulated Startle Response

Matthew R. Blankenship, Western Illinois University; Jerod Nerad, Western Illinois University; Matt Alwood, Western Illinois University; Kyle Reterstoff, Western Illinois University

Violent video game (VVG) use has been studied for its potential influence on negative emotionality. Using a startle paradigm shown to be sensitive to the emotional state of the participant, we observed facilitated startle while subjects viewed VVG compared to control viewing conditions, VVG use however does not predict startle.

9 Inter-trial interval reinforcement value is determined by interval absolute length

Jingchuan Wu, Kansas State University; Charles Pickens, Kansas State University

We determined whether longer inter-trial intervals (ITI) have reinforcement or punishment value to alter participants' behavior in a computer-based discrimination task. The results indicated that longer blank screen presentations after incorrect responses significantly motivated behavior more than shorter blank screen presentations.

10 Single Prolonged Stress elicits robust effects in Wistar Kyoto rats

McKenzie Ruyle, Bradley University; Elizabeth Wright, Bradley University; Julian Mercado, Bradley University; Brian Cheline, Bradley University; Jacob O'Russa, University of Illinois-Urbana Champaign

The purpose of the present study was to determine whether adolescent Wistar Kyoto rats are differentially sensitive to the effects of Single Prolonged Stress compared to Sprague-Dawley rats. Adolescent Wistar Kyoto rats were subjected to Single Prolonged Stress or served as controls.

11 Touch Precision Moderates Visual Bias, Even for Large Intersensory Discordances

Giovanni F. Misceo, Chicago, IL; Philip Wiegand, Benedictine College

Forty-six participants saw one size and felt another unseen size with either bare fingers or tube-sleeved fingers that impaired haptic size perception. As predicted by statistically optimal models of intersensory integration, as touch precision decreased, the seen size biased the estimates of the felt size, even for large intersensory discordances.

12 Neural Correlates of Latent Factors from the Iowa-Benton Neuropsychological Battery

McKenna Pierson, University of Iowa Hospitals and Clinics; Mark Bowren, University of Iowa; Daniel Tranel, University of Iowa Carver College of Medicine

Lesion symptom mapping analyses were used to determine the neuroanatomical regions critically associated with the abilities identified by an EFA of the Iowa-Benton Battery from a large sample of patients with focal brain lesions. Results supported a six-factor structure with each factor correlating with a unique set of neuroanatomical regions.

13 Comparing Resting State Connectivity with Electrocortical Activity (Neural Biomarkers; Anxiety)

Hayley Gilbertson, Northern Michigan University; Jeremy Andrzejewski, Northern Michigan University; Joshua Carlson, Northern Michigan University

The error-related negativity is a response-locked event related potential elicited by error commission that is correlated with anxiety. Functional connectivity in the salience network is also associated with anxiety. Here, participants completed EEG (flanker task) and fMRI (resting state) sessions to establish convergence across EEG and fMRI biomarkers of anxiety.

14 Identity processing of faces does not depend on holistic representations

Peyton Thomas, Kenyon College; Louise Yang, Washington University - St Louis; Shayla Warren, University of Wisconsin - Green Bay; Sabrina Halavi, Kenyon College; engella@kenyon.edu Engell, Kenyon College

We report results suggesting that familiar face recognition is not dependent on holistic processing. Disrupting holistic processing by showing only an isolated facial feature (a face blurred so that only the eyes are in focus) does not modulate the N250r event-related potential component, the earliest neural marker of face recognition.

15 Are facial identity and expression processed independently: an ERP study

Peyton Thomas, Kenyon College; Louise Yang, Washington University - St Louis; Shayla Warren, University of Wisconsin - Green Bay; Sabrina Halavi, Kenyon College; engella@kenyon.edu Engell, Kenyon College

In the current ERP study we investigated the functional independence of identity and expression processing during face perception. We found no effect of expression on the identity-sensitive N250r component, thus supporting functional independence. Moreover, we find that this independence is observed for both unfamiliar and familiar faces.

16 Why do faces capture conscious awareness faster than objects?

Sabrina Halavi, Kenyon College; Shayla Warren, University of Wisconsin - Green Bay; Louise Yang, Washington University - St Louis; Peyton Thomas, Kenyon College; engella@kenyon.edu Engell, Kenyon College

Nonconscious visual perception can be evaluated by presenting stimuli outside of awareness and measuring how long it takes them to “breakthrough” into consciousness. Faces breakthrough faster than non-face objects. Here, we demonstrate that this advantage is owed to a low-level visual feature (curvilinearity), rather than high-level category membership (“face”).

17 Predicting Suicidality in Adolescence: Negative Social Interactions & Neuropsychological Functioning

Stephanie McManimen, Idaho State University; Maria Wong, Idaho State University

This study aimed to determine how social and neuropsychological factors interact as predictors of suicidality in adolescents one year later. The results indicate that certain neuropsychological characteristics that are known deficits in suicide attempters can aid in predicting which adolescents will develop suicidality. Implications will be discussed.

18 Error-Related Electrocortical Activity and Anxiety-Related Symptoms

Natalie Strand, Northern Michigan University; Ryan Watling, Northern Michigan University; Jeremy Andrzejewski, Northern Michigan University; Joshua Carlson, Northern Michigan University

This study investigated the relationship between error-related electrocortical activity and anxiety-related symptoms, including attentional bias to threat. Error-related event-related potentials, attentional bias to threat, and trait anxiety were collected.The results showed weak to moderate correlations between error-related electrocortical activity, self-report anxiety symptoms, and behavioral measures of attentional bias.

19 Neural Correlates of Aversive Anticipation: A Meta-Analysis Using GingerALE

Natalie Strand, Northern Michigan University; Rourke Sylvain, Northern Michigan University; Justine Nelson, Northern Michigan University; Jeremy Andrzejewski, Northern Michigan University; Joshua Carlson, Northern Michigan University

This study investigated the neural correlates of aversive anticipation by completing a neuroimaging-based meta-analysis using the GingerALE software. Activation coordinates from functional magnetic resonance imaging studies of aversive anticipation were analyzed. Results indicate the neural correlates of aversive anticipation include the amygdala, anterior cingulate cortex, and insula among other regions.

20 Meta Norm Analysis of Clustering and Switching

Emena Belt, Cleveland State University; Amir Poreh, Cleveland State University

Semantic Fluency (Animals Categories) tests are robust measures that can assess for clustering and switching. The central areas that control the ability to cluster and switch are primarily accessed through the Temporal and Frontal Lobes. It is hypothesized that as we age the ability to form clusters will decline.

21 Covert Attention and Emotional Ambiguity

Jeremy Wilbourn, University of Wisconsin - Parkside; Melissa Gregg, University of Wisconsin Parkside

The purpose of this study was to identify the generalizability and neural mechanisms underlying the enhancing effect of covert attention. The behavioral and neurophysiological results demonstrated that covert attention can enhance perception of emotion on emotionally ambiguous faces.

22 Relating Cognitive Parameters to Sleepiness in a Naturalistic Study

Sarah Smentkowski, Missouri University of Science and Technology; Matthew Thimgan, Missouri University of Science and Technology; Devin Burns, Missouri University of Science & Technology; Amber Henslee, Missouri University of Science & Technology; Blake Bryant, Missouri University of Science and Technology

Sleep deprivation negatively impacts cognitive function. Yet, it remains unclear if the impacts identified in laboratory sleep deprivation experiments extends to natural situations. This naturalistic study in college students identified high variability in cognitive performance where decreased performance was associated with increased subjective sleepiness.

23 Reward-related Positivity Modulated by Attention Bias Modification

Rourke Sylvain, Northern Michigan University; Edward Tunison, Northern Michigan University; Vanessa Hiley, Northern Michigan University; Justine Nelson, Northern Michigan University; Natalie Strand, Northern Michigan University; Hayley Gilbertson, Northern Michigan University; Jeremy Andrzejewski, Northern Michigan University; Joshua Carlson, Northern Michigan University

The Reward-related Positivity (RewP) is an event-related potential elicited by positive and negative feedback and is defined by its relative difference. In this study, an attentional bias modification task (ABM) was implemented to direct attention to positive stimuli and enhance RewP amplitudes during a simple gambling task.

24 Using Mindfulness to Help Perfectionists Effectively Respond to Failure

Hannah Koerten, Bowling Green State University; Tanya Watford, Bowling Green State University; Eric Dubow, Bowling Green State University; Bret Williamson, Bowling Green State University; Rowan Wicks, Bowling Green State University

This study explored whether mindfulness with a focus on non-judgment helps perfectionists recover from failure. Participants in the non-judgment condition had significantly higher HF-HRV during recovery than during baseline, while participants in control conditions did not fully recover. Findings suggest that non-judgment mindfulness may help perfectionists recover from failure.

25 Tell Me Something Good: Priming and Skin Conductance

Logan Griffin, Dallas Robinson, Rylee Cornelius, Tabetha Hopke, Emily Heinlein, Cadence Johnson, Rebekkah Wall, Amber Massey-Abernathy, CaSandra Stanbrough, Missouri State University

This study examined participants' responses to priming statements based on self-assigned groups using galvanic skin response, a measure of physiological arousal. Participants were monitored and randomly assigned to receive a positive, negative, or no priming statement. Participants who received the positive priming statement had the greatest skin conductance response.

26 Psychologist Prescription Privileges: Implications for Training Programs and Curricula

Kailah Glock, Ball State University; Paulina Wojtach, Ball State University

Few states extend prescription privileges to psychologists. A growing body of literature exists espousing pros and cons of these privileges. Clinician's perceptions vary based on demographic factors. Concerns about prescription privileges are related to training. Several articles have been published about training curriculum recommendations addressing the gap in psychopharmacological training.

27 Nicotine Drug Discrimination in Rats Raised in Differential Environments

Kimberly Holter, Will Ramsey, Morgan Hamersky, Taena Hanson, Dustin Stairs, Creighton University

The current study tested selective α4β2 nicotinic compounds in EC and IC rats trained to discriminate nicotine from saline. EC rats showed greater substitution of varenicline for nicotine compared to IC rats. No differences were found between EC and IC rats in the effects of an α4β2 antagonist.

Invited Symposium

New Directions in Pain Research: Mechanism and Treatment

Fri. 1:00PM-2:50PM Salon 10
Organizer: Dominik Mischkowski, Ohio University

The pain and opiate epidemics have created a public health crisis. This symposium showcases research using advanced methodology (daily diary, fMRI, animal research, virtual reality), aiming to (1) increase our understanding of the physio-psycho-social mechanisms underlying pain and (2) to use this research to devise novel treatments for chronic pain.

The Psychosocial Model: The Role of Partners in Shaping Adjustment to Chronic Pain
John W. Burns, Rush University Medical Center

Brain Processing of Aversive Stimuli
Marta Ceko, University of Colorado Boulder

Reduced Limbic Opioid Receptor Expression: A Link between Chronic Pain and Depression?
Mark H. Pitcher, University of Bridgeport

Using Virtual Reality Games to Reduce Fear of Movement and Promote Spinal Motion among Individuals with Chronic Low Back Pain
Christopher R. France, Ohio University

Thinking about the social world: Biases, processes, and implications

Fri 1:00PM - 2:50PM Salon 5/8
Moderator: Kathleen Fuegen, Northern Kentucky University

1:00 Looking smart or pretty: People dehumanize men and women differently
Jason Deska, University of Toronto; Ravin Alaei, University of Toronto; Kurt Hugenberg, Indiana University; Nick Rule, University of Toronto
Four studies (*N*=1,253) indicate that people dehumanize unattractive and unintelligent-looking individuals. These effects were qualified by gender such that, for women, looking unattractive was worse than looking unintelligent whereas the opposite was true for men. These effects generalized to judgments of children and had consequences for whose lives are valued.

1:15 Can Cultivating an Uncertainty Mindset Reduce Bias? A Preliminary Study
Daniel R. Stalder, University of Wisconsin-Whitewater
I investigated whether accepting some degree of uncertainty about others' behaviors can reduce the hostile attribution bias. I also considered a trait moderator of need for closure (NFC). The uncertainty-mindset manipulation softened some of high-NFC participants' tendency toward this bias. Overall, however, the manipulation caused greater inferences of hostile intent.

1:30 Self-Uncertainty and Information Processing
Joshua Brown, Texas Tech University; Zachary Hohman, Texas Tech University
Self-uncertainty interferes with people's actions and motivates group identification. A between-subjects design found that high self-uncertainty participants scored lower on the Iowa Gambling Task than low self-uncertainty participants. These results suggest that self-uncertain people use more systematic processing compared to self-certain people.

1:45 Valence Weighting Bias and Disgust Sensitivity Predicting Dangerous World Beliefs
Shelby Boggs, The Ohio State University; Russell H. Fazio, The Ohio State University
Disgust sensitivity relates to beliefs that the world is dangerous. We

examined the causal effects of individuals’ valence weighting tendencies on this relation. Recalibrating participants’ weighting biases in a more balanced direction attenuated the relation. Recalibration decreased (increased) dangerous world beliefs for those with high (low) disgust sensitivity.

2:00 Stereotypes of Groups’ Relevance: Independent Judgments of Threat and Opportunity

Bethany Lassetter, University of Toronto; Eric Hehman, McGill University; Rebecca Neel, University of Toronto

Group stereotypes reflect beliefs about who facilitates (i.e., poses *opportunities* to) and who obstructs (i.e., *threatens*) the pursuit of fundamental goals (e.g., self-protection, disease avoidance). Correlations and confirmatory factor analyses of group stereotypes demonstrate that threat and opportunity are independent constructs, and that these relevance appraisals vary across goals.

2:15 Social Perception Content of Risk-taking

James Wages, Northwestern University; Sylvia Perry, Northwestern University; Galen V. Bodenhausen, Northwestern University

How do we view people who take risks? We examined how the core dimensions of social perception (warmth, competence) are related to interpretations of risk-taking. In two studies involving diverse risks, warmth and competence perceptions were found to result from and also to influence the social perception of risk.

2:30 Effects of Counterfactual Structure on Shifting and Inhibition

Woo Kim, Miami University; Amy Summerville, Miami University; Vrinda Kalia, Miami University

Although counterfactual thoughts diffusely impact processing, known as counterfactual mindset, mindset has not been linked to basic processes of executive function. We investigated the effects of additive and subtractive counterfactual mindsets on inhibition, the ability to suppress dominant and automatic responses, and shifting, the ability to effectively transition between tasks.

Resiliency, Stress and Trauma

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

1:00 After bad things happen: Resilience from adversity?

Mark Seery, University at Buffalo

The occurrence of adverse life events is associated with negative consequences for future psychological well-being, but there is also reason to believe that experiencing difficulties can have benefits. The current research provides evidence that some life adversity—rather than no adversity or high adversity—predicts greater subsequent resilience to stressors.

1:30 "Trigger Warning: Abuse" Affects Reading in Students Reporting Abuse Histories

Madeline Bruce, Saint Louis University; Dawn Roberts, Bradley University

Trigger warnings are proposed as academic accommodations for students with posttraumatic stress symptoms, allowing students to decide to engage with potential trauma reminders or not. However, a quasi-experiment found students perform poorly on reading comprehension tests after seeing a trigger warning relating to their trauma.

1:45 Examining Resilience, Compassion Fatigue, Burnout, and Compassion Satisfaction among Responders

Talisa Gonzalez, Andrews University; Harvey Burnett, Andrews University

This study examined how resilience within trauma responders is related to compassion fatigue, burnout, and compassion satisfaction, as well as gender differences among these variables. Findings revealed no gender differences; however, individuals with high levels of resilience experienced more satisfaction and less burnout than those with lower levels.

2:00 Cognitive Emotion Regulation Responses Moderating PTSD Symptoms and Binge Drinking

Courtney Dunn, Cleveland State University; Elizabeth Goncy, Cleveland State University

PTSD and substance use disorders frequently co-occur in the U.S.. We found that cognitive emotion regulation (CER) responses of "putting into perspective" and "positive refocusing" protected against binge drinking in young adults with post-traumatic stress symptoms. Therefore, integrating CER into PTSD treatment may help protect against substance abuse.

2:15 Social stress and perceptions of agency

Miranda Jany, University of Missouri-St. Louis; Carissa Philippi, University of Missouri St. Louis

The present study examines the relationship between acute social stress and self-agency, or perceptions of control. Although there were no differences between the stress and no-stress condition on a perception of control task, participants in the stress condition reported higher perceived stress after the stress manipulation.

Cognitive Development

Fri 1:00PM - 2:50PM Salon 12

Moderator: Karl Bailey, Andrews University

1:00 Complexity science and children's learning: What can preschoolers gain from playing in nature?

Heidi Kloos, University of Cincinnati

Complexity science has made important strides in understanding the mind. However, it has not been applied to children's learning in a consistent way yet. In the current talk, we seek to fill this gap, focusing specifically on the learning that goes on when children play in nature.

1:30 Linguistic Complexity of Higher-Order Thinking in Children's Spontaneous Talk

Rebecca Frausel, University of Chicago; Catriona Silvey, University College London; Lindsey Richland, University of California, Irvine; Susan Levine, University of Chicago; Susan Goldin-Meadow, University of Chicago

We examine the linguistic complexity of children's spontaneous utterances containing higher-order thinking talk (HOTT), where reasoners bridge relationships between 2+ representations. While HOTT tends to occur in more complex utterances after age 2, by age 5, more than half of children's HOTT utterances are still expressed in simple utterances.

1:45 Laboratory and Standardized Measures of Attention in Preschoolers

Kathleen Kannass, Concordia University Wisconsin; Kathryn O'Toole, North Park University

Preschoolers routinely face distraction at home, and laboratory measures of distractibility mimic the challenges preschoolers encounter. Standardized computer measures (e.g., K-CPT) differ considerably. The results revealed correspondence between the measures, with preschoolers who had higher K-

CPT scores demonstrating less inattention and completing more work on laboratory measures.

2:00 Gender Differences in Preschoolers' Play Behavior

Jessica Pleuss, Morningside College; Abigail Fitzgerald, Morningside College; Veronica Johnson, Morningside College

Do preschoolers today still play in gender-stereotyped ways, as past generations did? This study examined gender-based toy selection and play style in preschoolers in a laboratory free-play situation. We found that some stereotypical differences between boys and girls continue to exist in children's play behavior.

2:15 Factors Shaping Gender Differences in Mathematics Achievement

Emily Lyons, University of Chicago

Although gendered patterns of mathematics achievement are well documented, less research has considered the role of gender in shaping initial learning. We present findings from two classroom-based experiments examining the role of gender, cognitive resources, prior knowledge and math anxiety in shaping learning in pressured and non-pressured contexts.

2:30 Inspecting Math Mistakes Improves Low Performance of Sixth Graders

Ibrahim Al-Harthy, College of Education, Sultan Qaboos University; Zahra Al-Rashdi, Ministry of Education

We assume that math low-performers can do much better if they are taught by presenting them with their mistakes. 29 sixth graders participated in the experiments and taught same materials. Post-test results proved that experimental group significantly outperformed the control group. Teacher reflections on their teaching methods are recommended.

Invited Workshop

Training Better Scientists with a Better Statistics Curriculum: How to Get Started Teaching the New Statistics

Robert Calin-Jageman, Dominican University
rcalinjageman@dom.edu

Fri. 1:00PM – 2:50PM Wilson

This workshop will show how you can easily shift your curriculum towards the New Statistics, an approach that emphasizes effect sizes, confidence intervals, meta-analysis, and Open Science. The New Statistics can improve student learning without sacrificing understanding of hypothesis testing. You'll receive a complete set of course materials (https://osf.io/muy6u/)

Presidential Diversity Address

Biased: Uncovering the Hidden Prejudice That Shapes What We See, Think, and Do

Jennifer Eberhardt, Stanford University
jleberhardt@stanford.edu

Fri. 1:00PM – 2:00PM Red Lacquer
Moderator: Leslie Ashburn Nardo, Indiana University – Purdue University Indianapolis

Using a variety of methodological approaches, I will highlight how racial bias can permeate our criminal justice system, our neighborhoods, our schools, and our workplaces - and what we can do to address it.

MPA AWARDS AND RECOGNITIONS

Friday, 3:00PM - 3:15PM Red Lacquer

Moderators: Duane Wegener, The Ohio State 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
Linda Skitka, University of Illinois at Chicago
Past-President 2019

Leslie Ashburn-Nardo – Council Member
Council Member (2016-2019)

Kimberly Rios – Ohio University
Program Moderator 2019

MPA Presidential Address

Thinking and evaluating: A tour through objectivity, bias, and bias-correction

Duane Wegener
The Ohio State Univesrity

Fri. 3:15PM – 4:30PM Red Lacquer
Moderator: Linda Skitka, University of Illinois at Chicago

Over 30 years, my research has addressed determinants of how and how much people think in social judgment and persuasion. Tour topics related to what social perceivers bring (such as attitudes, ambivalence, and moods or emotions) and what they find when they arrive (such as contextual stimuli, agreeable vs. disagreeable messages, or reminders of possible biases).

Induction of New MPA President

Friday, Immediately Following Presidential Address Red Lacquer
Moderator: Duane Wegener, The Ohio State 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

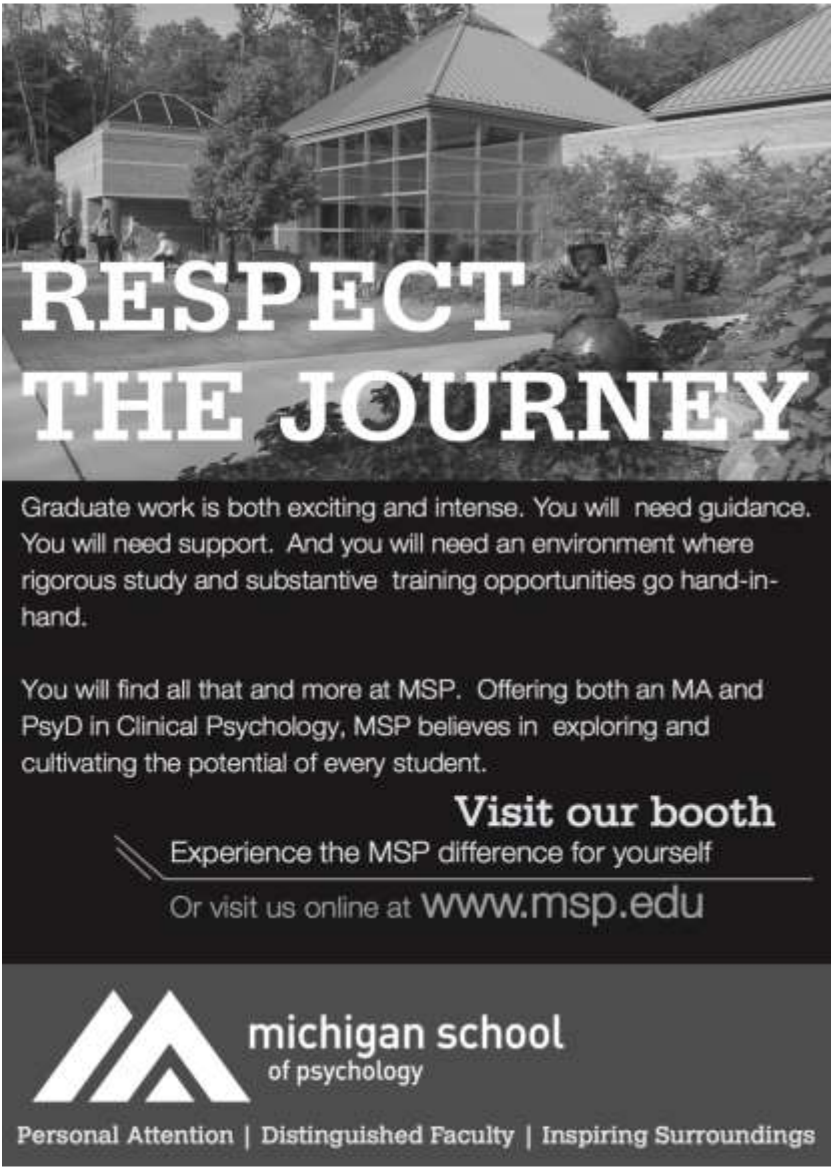
Friday, After Business Meeting Red Lacquer
Moderator: Michael J. Bernstein, Pennsylvania State University - Abington

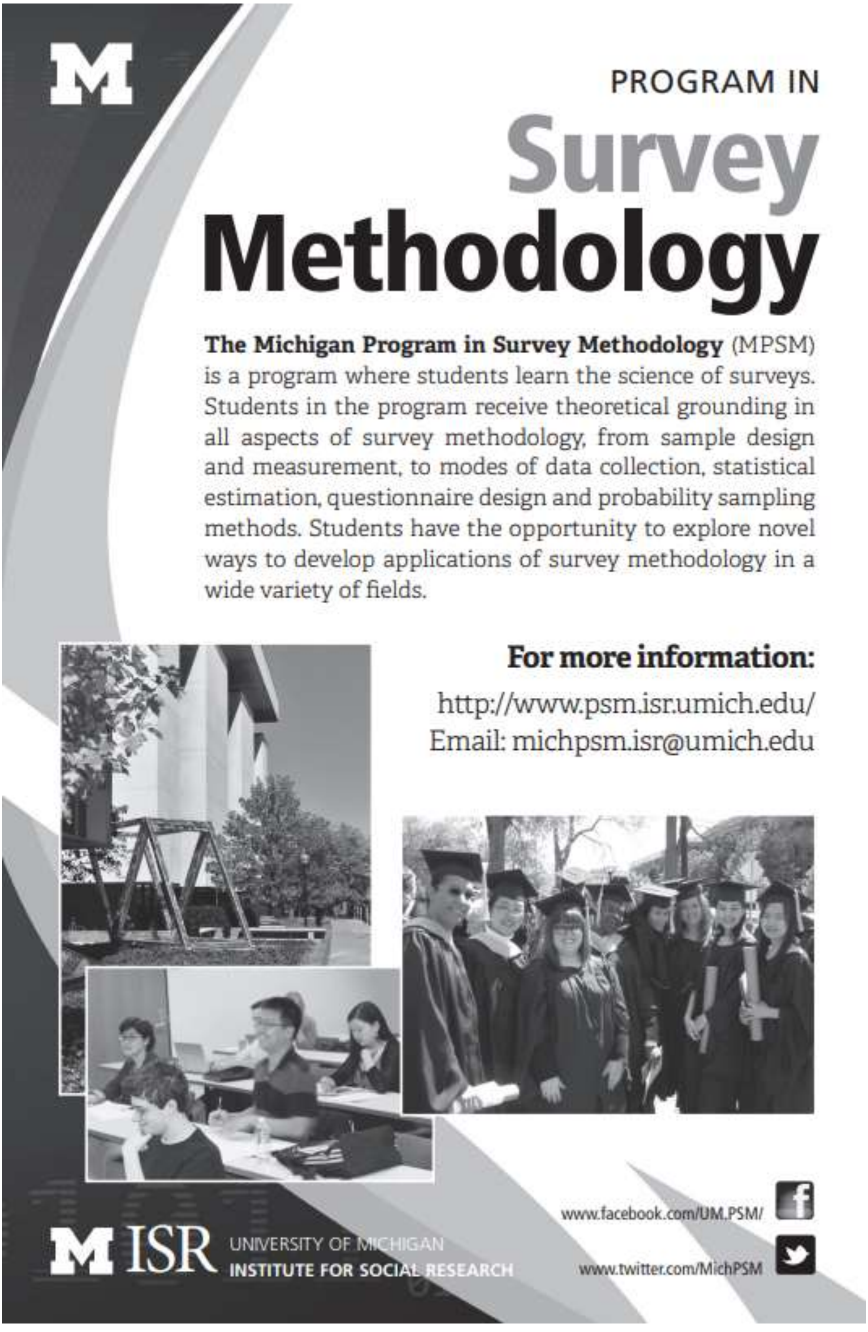
All local representatives of MPA are invited to attend this brief meeting and provide feedback regarding the conference. A list of local representatives is located in this program book. If your college/university does not have a local representative, consider attending the meeting and volunteering.

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.





SATURDAY, APRIL 13, 2019

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

Self-regulation and Goal Pursuit

Sat 8:30AM - 10:20AM Salon 3
Moderator: Peter Mezo, University of Toledo

8:30 The benefits of supportive environments for self-uncertain goal pursuit
Alysson Light, University of the Sciences
Most models of self-regulation feature active mechanisms by which the self-concept guides behavior. The present research explores consequences of self-uncertainty for self-regulation. Crucially, the consequences of self-uncertainty depend on the presence of support for or obstacles to pursuit of the focal goal.

9:00 Do I Know Enough? Progress Appraisals and Valence Weighting
Javier Granados Samayoa, The Ohio State University; Russell H. Fazio, The Ohio State University
This investigation found that when tasked with acquiring sufficient information to render a consumer decision, individuals with a more positive valence weighting bias spent less time reading a product review than those with a more negative weighting bias. This finding suggests that individuals' valence weighting tendencies influence their progress appraisals.

9:15 "What does [your name] want?" Self-distancing enhances goal pursuit.
Celina Furman, University of Minnesota; Ethan Kross, University of Michigan; Ashley Gearhardt, University of Michigan
Recent research indicates that self-distancing facilitates emotion regulation. This study examines whether this process enhances people's ability to pursue healthy eating goals. Findings indicate that self-distancing decreased

preferences for unhealthy foods for individuals with dieting or weight loss goals.

9:30 Self-handicapping's Role in Academic Underachievement Among Students of Lower SES

Trent Wondra, University of Wyoming; Sean McCrea, University of Wyoming

Our first study established that self-handicapping and socioeconomic status are negatively correlated. We therefore hypothesized that self-handicapping plays a role in underachievement of low SES students. A longitudinal study of students established that SES negatively predicted GPA, and this relationship was statistically mediated by self-handicapping behaviors, supporting our hypothesis.

9:45 Spontaneous self-distancing predicts divergent awe's effects during a performance stressor

Phuong Le, The Ohio State University; Thomas Saltsman, University at Buffalo; Mark Seery, University at Buffalo; Deborah Ward, University at Buffalo, SUNY; Cheryl Kondrak, University at Buffalo; Veronica Lamarche, University of Essex

This research presents evidence that spontaneous self-distancing moderates awe's effects on challenge/threat responses during an active performance stressor. For participants who self-distanced, the awe (vs. neutral) condition led to responses consistent with greater challenge (reflecting evaluating the stressor as more manageable); for participants who self-immersed, awe predicted relative threat (less manageable stressor).

10:00 The Influence of Financially Contingent Self-Worth in Romantic Relationships

Deborah Ward, University at Buffalo, SUNY; Lora Park, University at Buffalo, SUNY; Courtney Walsh, The University of Texas at Austin; Ashley Whillans, Harvard Business School; Elaine Paravati, University at Buffalo, State University of New York

Across three studies, participants who strongly based their self-esteem on financial success (i.e., had more financially contingent self-worth) experienced more frequent financial arguments with their romantic partner, which in turn, predicted lower relationship satisfaction and perceptions of partner support, even after controlling for variables such as income and economic pressures.

Spatial Cognition and Perception

Sat 8:30AM - 10:20AM Salon 12
Moderator: Seth Chin-Parker, Denison University

8:30 Spatial cognitive implications of teleporting through virtual environments

Jonathan Kelly, Iowa State University

Teleporting has become a popular interface to allow virtual reality users to explore virtual environments that are larger than the physical walking space. However, teleporting lacks body-based cues associated with walking and this negatively impacts navigation performance. Environmental cues sometimes mitigate these effects, but teleporting is always worse than walking.

9:00 Boundaries plus landmarks mitigate limited self-motion in virtual reality

Lucia Cherep, Iowa State University; Jonathan Kelly, Iowa State University; Alex Lim, Iowa State University; Devi Acharya, Brandeis University; Emanuel Bustamante, University of Arizona; Alfredo Velasco II, The University of Tulsa; Alec Ostrander, Iowa State University; Stephen Gilbert, Iowa State University

Accurate spatial updating is essential for navigating through virtual environments (VE). Three interfaces were evaluated in an HMD with landmarks present/absent in a square or circular fence VE. Navigation performance was best when users could physically walk and rotate across all VEs compared to physical rotation only and teleportation only.

9:15 More than Communication: Gesturing for Oneself During Abstract Reasoning

Misha Ash, University of Chicago; Kensy Cooperrider, University of Chicago; Dedre Gentner, Northwestern University; Susan Goldin-Meadow, University of Chicago

When communicating, people often gesture about abstract relations like *better* and *worse* by representing them spatially. Here, we show that such gestures also occur during solitary reasoning tasks, suggesting they are used to support abstract reasoning, and not just communicative demands.

9:30 Evaluating the Goal Structure Hypothesis

Seth Chin-Parker, Denison University; eric brown, Denison University

We examined how goal-directed interactions structure conceptual acquisition. Using a novel concept acquisition paradigm, we found that the goal relevance of attributes of the objects was critical to whether that attribute became an integral part of the object concept.

9:45 Impact of Setting on Object Perception
James H. Bodle, Mount Saint Joseph University
Thirty university students viewed 120 scenes presented for 1 second, followed by a blank mask. Scenes were urban or rural and were either normal or had an unusual element. Participants were more accurate for unusual urban scenes, and for normal rural scenes. Reaction time was predictive of individual participant accuracy.

Symposium

Experiencing Violence: From Laboratory to Community

Sat. 8:30AM – 10:20 AM Salon 2
Organizer: Gabriel Velez, The University of Chicago; Maryse Richards, Loyola University Chicago; Katherine Tyson McCrea, Loyola University Chicago; Heather Watson, Loyola University Chicago; Cassie Chesney, Loyola University Chicago; Catherine Rice Dusing, Loyola University Chicago; Yael Granot, Loyola University Chicago; Coltan Scrivner, University of Chicago

Violence has always been a profound aspect of the human experience. It can take many shapes, including structural, cultural, and direct (Galtung, 1990). The psychological study of direct violence--that is, intentional, physical harm done by one person to another living agent (Fiske & Rai, 2014)--has focused predominantly on the psychosocial impact of exposure on individuals, and the developmental and cognitive processes underlying why people become involved in violence (Fry, 2013; Pinker, 2011; Staub, 2006). While there is a rich literature on these topics, much work is needed to understand how individuals experience and react to observing violence, particularly from a strengths-based focus on resilience (Bartsch & Mares, 2014; Bloom & Reichert, 1998; Jain & Cohen, 2013). In this symposium, we aim to contribute to this growing literature by presenting a broad array of papers covering laboratory work, semi-structured interviews, and an intervention program. Our aim in this symposium is to bring different methods and disciplinary perspectives into dialogue toward a broader understanding of the psychological processing of violence. The first paper offers an exploratory analysis of visual biases that occur when viewing violent social interactions. The second builds on that methodology to explore legal evaluations of violence portrayed in video evidence. The third addresses meaning making and identity processes in adolescent development as young people in Colombia think about their own possible role in building peace in their country that has long been impacted by conflict. The last paper details findings from a peer mentoring program with youth in high violence, low resource areas of Chicago, in which the participants themselves took part in data collection and presentation. Each of these papers offers an innovative approach to addressing a particular aspect of the psychological processing of violence, and together they promote a focus on how individuals experience, make meaning from, and respond to violence.

Taking a Look at Violence: Visual Biases in Assessing Violent Interactions
Coltan Scrivner, University of Chicago

Looking for trouble: Attention instructions reduce intergroup bias in punishment of violent altercations
Yael Granot, Loyola University Chicago

Making Meaning of Peace: A Study of Colombian Adolescents
Gabriel Velez, University of Chicago

“We are not all gang-bangers:” Prosocial motivation of youth in high-crime, high-poverty communities of color
Katherine T. McCrea, Loyola University Chicago; Heather Watson, Loyola University Chicago; Cassie Chesney, Loyola University Chicago; Catherine R. Dusing, Loyola University Chicago; Maryse Richards, Loyola University Chicago

Symposium

Understanding Trauma's Impact on Women

Sat. 8:30AM – 10:20AM Salon 1
Organizer: Linda collinsworth, Millikin University

These three studies look at three different populations' experiences with sexual harassment and other abuse with a focus on traumatic aftermath.

In the paper "Peer Harassment in the Academy," we explore the impact of peer sexual harassment on college students. Despite the frequency with which female undergraduates report being harassed by peers, little research has focused on this experience. We explore the impact of peer sexual harassment on female undergraduates' psychological and physical health, and school outcomes. We additionally looked at the impact of coping with peer sexual harassment on female undergraduates' psychological and physical health outcomes. Results showed that both sexual harassment and coping were related to various negative outcomes.

In the paper "Computerized Test Interpretation of the MMPI-2 in Sexual Harassment Litigation," we explore a common practice among forensic psychiatrists and psychologists of relying on computer based psychological test scoring services (CBTIs) to interpret standardized instruments like the MMPI-2. With algorithms unknown to consumers, different reporting services show inconsistency in diagnostic interpretations. In this study, we submitted a sexual harassment litigant's MMPI-2 to five different reporting services. Interpretive statements across all scoring systems failed to take into consideration the possibility that the participant was experiencing trauma, and instead suggested the presence of paranoid ideation.

Nearly 60% of women in state prisons have a history of physical or sexual abuse. In the paper "Assessing PTSD Among Female Prisoners Using the Trauma Symptom Inventory-2," we report on a study of female inmates at a minimum security prison in the Midwest, focusing on those who brought previous victimization with them into prison. Using the Trauma Symptom Inventory-2 (Briere, 2011), we assessed the women's levels of posttraumatic symptoms employing an instrument capable of assessing traumatic symptoms more specifically than most instruments that have been used to assess these symptoms in female inmates.

Computerized Test Interpretation of the MMPI-2 in Sexual Harassment Litigation

Angela K. Lawson, Northwestern University; Linda L. Collinsworth, Millikin University

Peer Harassment in the Academy

Melissa McManus Scircle, Millikin University; Linda L. Collinsworth, Millikin University

Assessing PTSD Among Female Prisoners Using the Trauma Symptom Inventory-2

Linda L. Collinsworth, Millikin University; Sarah E. Mann, Millikin University

Social Poster Session I

Sat 8:30AM - 10:20AM Upper Exhibit Hall

1 Adults' Preferences for Praise

Ethan Perkins, Earlham College; Sungeun Park, Earlham College; Leslie Estrada, Earlham College; Rachael D. Reavis, Earlham College
MTurk participants (19-68 years) completed a survey regarding perceptions of praise and types of praise received and given. They rated a hypothetical student who received either “smart,” “hard worker,” and “worked hard” praise. Results indicated a preference for effort praise, with “smart” praise leading to lower perceptions of success.

3 The Predictive Utility of Implicit Attitudes toward Consensual Nonmonogamy

Imane Ait Daoud, University of Minnesota- Duluth; Megan Griesel, University of Minnesota- Duluth; Aaron Karst, University of Wisconsin Oshkosh; Ashley Thompson, University of Minnesota Duluth
This study explored the predictive utility of implicit attitudes toward consensual nonmonogamy (CNM). The results revealed that implicit attitudes toward CNM predicted willingness to allow a partner to explore CNM. In addition, those with CNM experience had more positive implicit attitudes toward monogamy than did those without experience.

4 Trait transportability and its effect on perception

Sara Hewitt, Indiana University Purdue University Indianapolis; Evava Pietri, Indiana University Purdue University Indianapolis
This research explored how people varying in transportability imagine stereotyped groups in narratives. Participants completed the reverse correlation image classification task for a Black male character in a written

narrative. Participants low in transportability imagined him as more hostile, less warm, and less competent than those high in transportability.

5 Behavioral Engagement & Mirroring Allows Better Predictions of Academic Success.

Steven Hernandez, Northeastern Illinois University; Maureen W. Erber, Northeastern Illinois University; R. Breckinridge Church, Northeastern Illinois University

Mirroring is the subconscious and automatic mimicry of another's bodily movements and vocal cadence. Based on my research examining small group discussions, engagement can be operationalized using three behaviors: verbal utterances, gestures conveying imagery, and eye contact. We hypothesize students who mirror others more often will be more engaged.

6 Researchers' Acceptability of Questionable Research Practices Across Disciplines

Zachary Meehan, University of Northern Iowa; Anna Garner, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

Faculty and graduate students at a variety of institutions in the fields of economics, psychology, and political science rated their acceptability of questionable research practices. Generally, psychologists were more aware and endorsed fewer questionable research practices than economists, with political scientists generally falling in between the other disciplines.

7 Moderators of the Personality–Intergroup Contact Relationship

Paige Wiechart, IPFW (Purdue Fort Wayne); Emilee Parke, IPFW (Purdue University); Audrey James, IPFW (Purdue University); Jay Jackson, Purdue University Fort Wayne

It’s well-established that agreeableness and openness predict less prejudice and that this relationship is mediated by favorable contact experiences. As proposed, we found this pattern to be stronger for some outgroups (Muslim-Americans, refugees) compared to others (Christian fundamentalists, military personnel). This moderation effect was due to perceived group discrimination.

8 Perceptions of Religious Doubters

Evan Johnson, ohio university; Kimberly Rios, Ohio University

Research on attitude uncertainty has not examined perceptions of others who are uncertain in their attitudes. The current studies examine how perceptions of religious doubters vary by the target’s and participant’s religious group membership. Specifically, outgroup doubters are seen as more competent and more likely to "convert" than ingroup doubters.

9 How "We" vs. "I" Values Group Judgment: The Effect of Self-construal on Belief Perseverance

Young-Jae Yoon, Loyola University Chicago; Hea-Kyung Ro, Sookmyung Women's University; James Larson, Loyola University Chicago; Narim Lee, Sookmyung Women's University; Yewon Son, Sookmyung Women's University

We explored how self-construal influences belief perseverance of groups. Results indicate that groups with interdependent self-construal persevere their own judgment more and allocated more money to an outgroup advisor than teams with independent self-construal. The effect of self-construal on judgment accuracy was mediated by the degree of belief perseverance.

10 Perceived Group Success Predicts Cooperative Responses to a Social Dilemma

Isabella Palhoni De Lima, Indiana University-Purdue University, Fort Wayne; Hannah Nissley, Purdue University Fort Wayne; Aiyana Becker, Purdue Fort Wayne; Ashley Crill, Purdue Fort Wayne; Jay Jackson, Purdue University Fort Wayne

We examined how and why group success vs. group failure influences reactions to a social dilemma. As predicted, people in successful groups exhibited more intragroup cooperation than those in groups that failed. This relationship was mediated by positive affect, group identity, and expectations that other group members would cooperate.

11 The Effect of Social Exclusion on Mind Ascription

Ryan Moreno, Miami University; Heather M. Claypool, Miami University; Jason Deska, University of Toronto

We investigated whether social exclusion (relative to inclusion) leads to dementalization of others. We found that participants excluded in Cyberball dementalized their co-player more than included participants. Interestingly, this effect was specific to agentic mind perception. Implications of this finding are discussed.

12 Social Exclusion and Intimate Partner Violence

Alejandro Trujillo, Miami University; Heather M. Claypool, Miami University

We examined the impact of exclusion on risk assessment for intimate partner violence (IPV). Participants wrote about an experience of exclusion or academic failure and then took the perspective of an IPV victim in a vignette. Exclusion lowered relational needs, which triggered desires to remain in the hypothetical relationship longer.

13 Threats to Belonging: Understanding the impact of relational closeness

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

The literature lacks a clear answer to what moderates the aversiveness of social rejection. Across 3 studies, we found that relational closeness of the rejector did not impact the aversiveness of rejection. However, 1 study supported relational closeness as a moderator. We are developing further studies to address these contradictions.

14 Social Motivation Does Not Moderate the Animacy Recall Effect

Michael White, University of Chicago; Joshua E. VanArsdall, Elmhurst College; Mary Ovan, Elmhurst College; Elizabeth Majka, Elmhurst College

It is well-established that animate words are more likely to be recalled than inanimate words. Given that socially excluded individuals typically show greater memory for social events, we manipulated social exclusion experimentally to see if it moderated the animacy effect in episodic memory. No moderation was found.

15 Backlash and Admiration as a Result of Counter-Stereotypical Success

Eboni Bradley, Purdue University; Andrea Miller, University of Illinois at Urbana Champaign

Using the Backlash Effect Theory and the Status Incongruity Hypothesis, this study was designed to examine the extent to which backlash from ingroup members within the African-American community, when these member exhibit counter-stereotypical behaviors, can positively or negatively affect the thought process and actions towards gaining academic or professional success.

16 Perceived Discrimination and Racism Forewarnings Moderate Ostracism’s Social Needs’ Harms

Lloyd Reynolds Sloan, Howard University; Ingrid Mood, Howard University

African-American students were forewarned/not forewarned, of upcoming coplayers’ racism then ostracized/included by African-American or White, Cyberball co-players. Forewarning reduced ostracism’s social needs damage with Whites, suggesting anticipatory reconstrual of subsequent treatment. Forewarning primarily benefited participants who were high in trait perceived discrimination suggesting a buffer for ostracism's social needs damage.

17 Moderators of the Link Between Social Exclusion and Hostile Cognition

Rachel Taggart, Purdue University; Richard Pond, University of North Carolina Wilmington

The current study examined the link between social exclusion and hostile cognition, as well as the moderating effects of self-esteem stability and coping via emotional support. Among those high in coping through emotional support, results indicate that self-esteem stability may serve as a buffer from aggression following exclusion.

18 Expansion of a Widely-Used Work Domain Goal Orientation Instrument

Gregory Hurtz, California State University, Sacramento; David Radosevich, University of Wisconsin-Green Bay

This purpose of this study was to expand on VandeWalle's (1997) three-factor goal orientation measure by creating items that capture the fourth factor of mastery-avoid goal orientation. Confirmatory factor analysis indicated support for this fourth dimension. Future researchers should form hypotheses in organizational settings using this new instrument.

19 Prosocial Personality Predicts Intragroup Cooperation through Reduced Fear and Greed

Hannah Nissley, Purdue University Fort Wayne; Isabella Palhoni De Lima, Indiana University-Purdue University, Fort Wayne; Emma Rafuse, Purdue Fort Wayne; Jay Jackson, Purdue University Fort Wayne

We found the relationship between prosocial personality and cooperative responses to a social dilemma to be mediated by reduced fear, not greed. We further found the relationship to be significantly weaker among members of highly successful groups compared to unsuccessful groups, in part due to the effects on group identity.

20 Do Neural Correlates of Empathy Predict Real-World Helping Behavior?

Autumn Hamilton, University of Wisconsin - Parkside; Simmi Bharwani, University of Wisconsin - Parkside; Melissa Gregg, University of Wisconsin Parkside

In this project, we demonstrated that the pain-related ERP component is related to real-world helping behavior.

21 Give a Dog a Bone: Spending on Pets Promotes Well-Being

Michael White, University of Chicago; Nazia Khan, Elmhurst College; Jennifer Deren, Elmhurst College; Jessica Sim, Elmhurst College; Elizabeth Majka, Elmhurst College

Previous research reveals that individuals are happier spending on close (vs. distant) others. As pets are also viewed as close to the self, our work explores the affective consequences of spending on pets.

22 Meta-analysis of Compassion Collapse

Chelsea Witt, Saint Louis University; Nevel Vaidyan, Saint Louis University

Compassion collapse is a phenomenon where people are more motivated to help one person compared to many. We conducted a meta-analysis with 86 effect sizes from 15 studies. Overall, we found a small effect of compassion collapse, and evidence that compassion collapse does not occur unless specific conditions are fulfilled.

23 Saying Isn't Feeling: Unpopular Report Empathy

Emily Heinlein, Missouri State University; Cadence Johnson, Missouri State University; Logan Griffin, Missouri State University; Rylee Cornelius, Missouri State University; Dallas Robinson, Missouri State University; Rebekkah Wall, Missouri State University; Tabetha Hopke, Missouri State University; Amber Massey-Abernathy, Missouri State University; CaSandra Stanbrough, Missouri State University

The purpose of the current study was to determine the impact of social status on empathy. Additionally, resource control strategies ere examined in relation to status and empathy. Empathy as assessed through questionnaires, helping behavior, and skin conductance responses to an emotion inducing video about rejection and bullying.

24 Cultural Mistrust, Self-concealment, Religious Coping and Help-seeking in African Americans

Quaneisha Murphy, Baldwin Wallace University

The relationships between self- concealment, religious coping and help-seeking attitudes in African Americans was supported (r= .286, p = .01 & r= -.215, p = .05, respectively). The relationship between cultural mistrust and help -seeking attitudes was not supported (r= .181, p = .01).

25 Does maternal growth mindset predict girls math belief and behavior?

Seyma Inan, Miami University; Yvette Harris, Miami University; George Woodbury, Miami University; Seham Almutairi, Miami University; Karmiella Fester, Miami University; Reagan Brown, Miami University; Madison Cook, Miami University; Da Yeon Her, Miami University

The study examined the association between maternal math histories, math growth mindset beliefs and their daughters' math self-efficacy and performance. Findings suggest maternal growth mindset marginally predicts young girls' math self-efficacy, and African American mothers, and college educated mothers endorse a growth mindset in contrast to a fixed mindset beliefs.

26 Examining Associations between Personality Factors, Ethnic Identity, and Racial Microaggressions

Susan Torres-Harding, Roosevelt University; Rebecca Kan, Roosevelt University; Anne Schrayer, Roosevelt University; Lynn Weishaupt, Roosevelt University; Rachel Goldfarb, Roosevelt University; Maria Alvarez, Roosevelt University

Racial microaggressions are ambiguous subtle racially-related mistreatments, slight, or offenses. It is unclear whether personality factors or ethnic identity might impact whether someone labels these ambiguous experiences as being due to racism. In this study, personality factors and ethnic identity generally were not associated with reporting racial microaggressions.

27 The Influence of Racial Privilege on Ethnocultural Empathy

Dionne Alexis Elsener, Marian University; Matthew Yalch, Palo Alto University

Racial minorities in the U.S. hold fewer privileges than Whites. Lacking privilege may promote increased empathy. We examined racial-privilege and ethnocultural-empathy. Results indicated Whites had significantly higher levels of racial-privilege than non-Whites and significantly lower levels of ethnocultural-empathy than Blacks. Results suggested differences in empathy remained when controlling for racial-privilege.

28 Need to Belong and Connecting with Parasocial Relationships

Salena Diaz, Radford University; Nicole Iannone, Radford University; Sara E. Birch, Hobart and William Smith Colleges; Megan McCarty, Amherst College; Janice R. Kelly, Purdue University

To examine the association between need to belong and parasocial relationships (PSRs) we measured closeness, commitment, and satisfaction with and sharing of a PSR and PSR perceptions generally. Results suggest people higher in need to belong have more positive PSRs, share their PSR with others, and view PSRs more positively.

29 Death, Self-Determination, and Worldview Defense

Joseph Conti, Cleveland State University

Building upon terror management theory and self-determination theory, two studies found that mortality salience motivated worldview defensiveness (militaristic defense of nationalist foreign interests, defense of immigration attitudes), but not when participants were first primed to recall feelings of self-determined and autonomous action—suggesting growth-orientation attenuates existentially motivated defensiveness.

30 Wolf in Sheep's Clothing: Political Ideology and Misperceived Sexual Consent

Ruth Dubois, John Carroll University

Liberal participants accepted “no” later in determining the appropriate end to an audio of a date rape; liberal males were least likely to perceive the incident as rape. Therefore, in the heat of the moment, liberal males’ progressive attitudes towards women may be undermined by the age-old objectification of women.

31 Time’s Up: Age Cohort Differences in the Experiences of Sexism

Mary Tait, Marquette University; Ellie Lyne, Marquette University; Zane Ballard, Marquette University

Benevolent sexism and hostile sexism are pervasive within our society. 216 women (age 21 to 77) were examined to see if their experiences with sexism differ by age cohort. Overall, Millennials experience more hostile and benevolently sexist events than Baby Boomers. Results are discussed for practical implications.

32 The Role of Social Norms in Neighbourhood Crime Prevention Signs

Devin Fowlie, Queen's University; Steven Smith, Saint Mary's University; Meghan Norris, Queen's University; Bruce Biggs, University of Indianapolis

There is a reversal effect in low and medium socioeconomic status neighbourhoods where a Neighbourhood Watch sign increases fear of crime. We introduce the use of injunctive social norms in an effort to reduce this effect. The results demonstrate that this communal safety norms may guard against the reversal effect.

33 The Justification of Corporal Punishment in Public and Private Places

Cheyenne Williams, Lindenwood University; Quinisa Grant, Lindenwood

University; Trisha Prunty, Lindenwood University
Individuals rated acceptance of use of harsh physical punishment for a variety of child offenses (accidental or purposeful) in private or public settings. Harsher physical punishment was justifiable for purposeful offenses regardless of whether they occurred in public or private.

34 The Assessment of Coalitional Value Based on Peer Deference

Celeste Prince, Marietta College; Bo Winegard, Marietta College
We present research which suggests people who defer to competent leaders are valued more than those who do not defer. We suggest this behavior is the solution to the free-rider problem as it ensures all members contribute so they can be evaluated more favorably.

35 Effect of the Kavanaugh Hearing on Reporting Sexual Assault

Kerri Bradley-Ronne, The Chicago School of Professional Psychology; Sarah Morosan, The Chicago School of Professional Psychology; Sanjli Mehta, The Chicago School of Professional Psychology; Corinne Guilday, The Chicago School of Professional Psychology; Morgan Haney, The Chicago School of Professional Psychology; Taylor Brust, The ChicagoSchool of Professional Psychology
Over 300 people completed surveys regarding the effects of the Kavanaugh hearing on willingness of victims to report sexual assault. A minority of respondents (20%) felt reporting would increase; most felt reporting would decrease (40%) or remain unchanged (40%). Reasons were given for why rates would, or would not, change.

36 Do Gender, Religion, and Politics Affect Appraisals of Sexual Assault?

Michelle Drouin, IPFW; Kimberly O'Connor, Purdue University Fort Wayne; Tyler Niedermeyer, Purdue University Fort Wayne; Nicholas Yergens, Purdue University Fort Wayne; Chelsi Kern, Purdue University Fort Wayne
Adults opinions' (*n*=516) of sexual assault and harrassment, and of alleged perpetrators, are influenced by several factors, including gender, ideology (e.g., political orientation, sexism, and religion), and personality factors, such as conscientiousness. However, relationships between these factors and negative assessments of perpetrators may depend on the type of alleged assault.

37 Deliberation Quality and the Likelihood of Conviction on Irrelevant Charges

Jasmine Beecham, Indiana University - Purdue University Indianapolis; Montana Drawbaugh, Indiana University - Purdue University Indianapolis;

Matthew Grabowski, Indiana University Purdue University Indianapolis; Dennis Devine, Indiana University-Purdue University, Indianapolis

The current study utilized 12 student mock juries (*N*= 57) to examine whether deliberation reduces the likelihood of conviction on irrelevant charges and if this reduction is related to the quality deliberation. Results suggest that deliberation, particularly higher-quality deliberation, can serve as a mechanism to attenuate conviction on irrelevant charges.

38 Exploring the Influence of Autism Spectrum Conditions on Decoy Effects

Christopher Waller, Southern Illinois University Edwardsville; Jonathan Pettibone, Southern Illinois University Edwardsville; Kayla Nichols, Southern Illinois University Edwardsville; Crystal Corso, Southern Illinois University Edwardsville; Michael Horton, Southern Illinois University Edwardsville

People high in autism spectrum conditions have shown a smaller effect of context in the asymmetric dominance effect (Farmer et al. 2017). We attempted to replicate this and extend it to the compromise effect. A reduced compromise effect was found, but not for the asymmetric dominance effect.

39 Multiculturalism Is Differentially Related to Cultural and Social Assimilation

Bernard Whitley, Ball State University; Tollie Schultz, Ball State University; Andrew Luttrell, Ball State University

The intergroup ideologies of multiculturalism and assimilation are usually seen as unidimensional and opposing one another. However, we found that assimilation has two components, and although multiculturalism was negatively related to beliefs favoring cultural assimilation, it was unrelated to beliefs favoring intergroup social interactions. Implications of these findings are discussed.

40 Blatant Dehumanization of Mental Illness

Guy Boysen, McKendree University; Raina Isaacs, Mckendree University; Lori Tretter, Mckendree University; Sydnie Markowski, Mckendree University

Researchers have documented people's tendency to blatantly dehumanize racial, ethnic, and political groups, but blatant dehumanization of mental illness has not been investigated. The current research documents the blatant dehumanization of people with mental illness and the predictors of variations in blatant dehumanization.

41 Perceptions of Mental Illness: Empathy, Contact and Disorder Specificity

Rachel Schelling, Purdue Fort Wayne; Andrew Horton, Purdue Fort Wayne; Ellis Hernandez, Indiana University-Purdue University, Fort Wayne; Jay Jackson, Purdue University Fort Wayne

We tested a multiple mediation model linking agreeableness and openness, contact experiences, and empathy to (less) stigmatized views of people with mental illness. We also examined if this model would be moderated by disorders with high vs. low perceptions of victimization (antisocial personality and pedophilia compared to depression and schizophrenia).

42 Social bonds mitigate the costs of confronting racial bias

Jamie Patrianakos, Loyola University Chicago; Samantha Gasaway, Loyola University Chicago; Robyn Mallett, Loyola University Chicago

The motivation to affiliate with others mitigates the social consequences of assertively (versus politely) confronting racial bias. By harnessing the power of social bonds, individuals can assertively challenge racism within their social relationships with less fear of the social costs typically associated with confronting.

43 Deception as a Distinct Predictor of Anti-Transgender Bias

Rebecca Totton, Ohio University; Kimberly Rios, Ohio University

A between-subjects study examined perceptions of lesbian, bisexual, gay, & transgender targets. Transgender people elicited more prejudice than all other groups & were seen as less trustworthy than gay men and lesbians ($ps < .05$), but not bisexuals ($p = .164$). However transgender individuals were more frequently viewed as lying to

44 Are Prejudiced People Bad People?

Tay Hack, Angelo State University; Tom Starkey, Angelo State University

A previous poll indicated that Americans believe being prejudiced toward minority groups does not make someone a bad person. Results of our study were consistent with the original poll; however, when individuals discriminate against others they are considered to be bad people, especially when targeting several groups.

45 The Influence of Race and Height on Person Perception

Haley Perez-Arche, Ball State University; Tollie Schultz, Ball State University; Mary E. Kite, Ball State University

Our study examined the interaction between race and height on person perception, as mediated through SDO, when both characteristics are made salient during evaluative judgements. Evidence was found for a height and race bias, but there was no interaction between these variables.

46 Classifying Student's Responses to Racial Microaggressions

Tollie Schultz, Ball State University; Haley Perez-Arche, Ball State University; Linh Littleford, Ball State University; Rahissa Winningham, Ball State University; Marcy Beutlich, Ball State University; Alexcia Kilgore, Ball State University

Racial microaggressions are subtle insults directed towards people of color. Our study examined bystanders' perceptions of racial microaggressive statements and their responses toward microaggression targets. We found that students' thoughts about racial microaggressions and their intended behaviors were more validating than invalidating and focused primarily on the target.

47 Attitudes toward Nonbinary Transgender Persons and the Singular "They"

Ellis Hernandez, Indiana University-Purdue University, Fort Wayne; Jay Jackson, Purdue University Fort Wayne

Education level plays a role in the relationship between age and attitudes towards transgender individuals but does *not* impact the relationship between age and attitudes towards using "they" as a singular pronoun for non-binary transgender people. We propose that "they" attitudes are a measure of subtle prejudice against transgender people.

48 Predictors of Help-Seeking Self-Stigma among At-Risk Youth

Carly Williamson, Illinois State University; Daniel Lannin, Illinois State University; Leandra Parris, Illinois State University; Ani Yazedjian, Illinois State University; Maayan Dvir, Illinois State University

Readiness to change and intrinsic life goals exhibited negative links to help-seeking self-stigma in adolescents. When accounting for the environmental factor of school climate, intrinsic life-goals exhibited a greater negative link to help-seeking self-stigma. This suggests that adolescents prioritizing intrinsic life-goals may view help-seeking as consistent with those life-goals.

49 Adults' Perception on Children's Appearance

Vivevca Nwagbaraocha, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville

When it comes to academics, future aspirations, and goals, children can become victims of the self-fulling prophecy theory by exhibiting behaviors that could affect them either positively or negatively. The current study investigated the impact of a child's attire and race on adult perceptions of future success and individual character.

50 Heterosexuals' Attachment Orientation and Their Willingness To Date Bisexuals

Shakti Rambarran, Ohio University; Kimberly Rios, Ohio University

We explored how attachment orientation relates to heterosexuals' willingness to romantically and sexually engage with bisexuals and atheists. Attachment anxiety positively correlated with women's willingness composite for bisexual men, but not with men's willingness composite for bisexual women. Attachment avoidance negatively predicted both men and women's willingness composite for atheists.

51 Cultural Predictors of Attitudes towards Transgender Subgroups

Haley Perez-Arche, Ball State University; Deborah Miller, Indiana University East

We examined attitudes toward transgender subgroups – transgender people, trans women, trans men, and nonbinary people. For all four groups, religious groups differed in attitudes. For trans women, significant attitude differences were found for age and gender. For the identifier "transgender", attitude differences were found between ethnic groups.

52 Traditional Gender Norm Endorsement and Attitudes Towards Transgender Subgroups

Haley Perez-Arche, Ball State University; Deborah Miller, Indiana University East

This study examines how masculinity and femininity ideology affects attitudes toward transgender subgroups – transgender, trans women, trans men, and nonbinary people. Through hierarchical regression, we found that endorsement of masculinity ideology is a predictor of more negative attitudes toward all transgender subgroups; femininity ideology has no significant predictive impact.

53 Discrimination, Physical Disability, and Depression: Self-acceptance and Mindfulness as Moderators

Melissa Ivins-Lukse, Illinois Institute of Technology; Laura Mathew, University Illinois Chicago; Eun-Jeong Lee, Illinois Institute of Technology

Self-acceptance and mindfulness buffer individuals with physical disabilities (IPDs) from some of the depressogenic effects of discrimination. Psychologists can help by supporting efforts to reduce discrimination against IPDs and also by helping IPDs cope with discrimination through the use of therapeutic interventions that encourage mindfulness and self-acceptance, such as ACT.

54 Measuring Social Group Bias On and Off-Campus

Jon Barch, Northern Michigan University; Caitlyn Hansen, Northern Michigan University; Hailey Donohue, Northern Michigan University; Brittany Stenrose, Northern Michigan University; Hayley Gilbertson, Northern Michigan University

This study measured prejudice toward social groups (African Americans, Native Americans, Gay and Lesbians, Chicanos/Hispanics, Muslims) on and off-campus using the Lost Letter Technique. Differences related to which biases were found on- vs. off-campus and the strength of bias for each group suggests a need for targeted social programming.

55 Perceived Essentialism of Prejudice Targets and the Quadripartite Attitude Components

John D. Edwards, Loyola University Chicago

Essentialist beliefs about social categories of people were found to be equally related to cognitive, affective, behavioral, and visual components of the Quadripartite Model of attitudes for the Atheist but not for other target groups. High quality personal experiences with the targets reduced the relation of essentialism to attitudes

56 Minority Reactions to Majority Status: Multiculturalism and Common Ingroup Perceptions

Mitchell Lorenz, Upper Iowa University

Two studies tested how Latinos' perceptions of a common ingroup with other minority groups influenced reactions to minority population growth. Results suggest endorsing multiculturalism may impact Latino reactions to future majority status to a greater degree than common minority ingroup perceptions.

57 Does Need for Closure Amplify Threats to Unexpected Interpersonal Rejection? An Exploratory Study

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

Recent research suggested that unexpected rejection threatened belonging more than expected rejection—suggesting expectancy violation as a core process. People with a higher need for closure are vulnerable to expectancy violations. We explored whether the need for closure predicts perceived belonging following expected vs. unexpected rejection.

58 Social exclusion and defensive disbelief in negative historical events

Kristy K. Dean, Grand Valley State University; Vauwn Nghiem-Olson, University of Michigan

Social exclusion sometimes prompts defensive, self-protective reactions. Consistent with this idea, our research demonstrates that exclusion elicits defensiveness via greater disbelief in true historical events that portray the U.S. in a negative light. Exploratory analyses suggest that threats to self-esteem and control may drive this effect.

59 Resistance to Peer Influence After Social Ostracism

Micheal Waters, Western Illinois University; Kristine M. Kelly, Western Illinois University; Aaron Steele, Western Illinois University

The purpose of this study was to analyze the relationship between ostracism and resistance to peer pressure. Participants played Cyberball then completed the Needs-Threat Scale and Resistance to Peer Influence scale. The direct relationship between ostracism and resistance to peer pressure was not significant, but a mediation effect was found.

60 Cultural Values, Ethnic Identity, Psychotherapy Stigma and Therapy Help-Seeking

Susan Torres-Harding, Roosevelt University; Jin Lee, Roosevelt University; Elaine Yeo, Roosevelt University

This study examined whether ethnic identity, ethnic group membership, and cultural values predicted psychotherapy stigma and intentions to seek therapy. Results found ethnic group differences in psychotherapy stigma and intentions to seek therapy for academic or substance use concerns. Collectivism and ethnic identity might be particularly helpful for seeking therapy.

61 Colorism: Public Tolerance of Poilce Brutality

Kara Harris, Depaul University; Christine Reyna, DePaul University

This study examines the role of colorism and witness certainty on tolerance of excessive force used by police. Findings suggest that eye witness certainty dictated participants’ tolerance of force regardless of target's skin-tone. Additionally, participants’ race also determined attitudes towards excessive force used by the police.

62 Dog People and Cat People: Pet Ownership and Psychological Needs

Steven J. Hoekstra, Kansas Wesleyan University

Do pets meet different psychological needs for people? We compared pet-owners to people without pets on various psychological need motivations, social ostracism, and whether pets served as attachment objects or people/family surrogates. Although there were no differences in needs, cat owners in particular experienced different social benefits from their pets.

63 Source Memory in Social Contexts

Bianca Basten, University of Wisconsin, La Crosse

Two experiments investigated whether the effects of information valence and motive found in *memory* for information also extended to *source memory* for information. Results showed that the valence of information affects source memory, however the influence of source motive seemed to override that of information valence.

64 Individual Differences Associated with Resistance to Peer Influence

Micheal Waters, Western Illinois University; Jonathan Hammersley, Western Illinois University; Ben Kolaczkowski, Western Illinois University; Octavio Huerta, Western Illinois University

Present research assessed drug use and resistance to peer influence in relation to metacognition, personality, and individual differences. A significant gender difference in peer influence resistance was found. A small positive correlation was also found between neuroticism and resistance to peer influence. Implications for college student drug use are discussed.

65 Sexism: Sexual Harassment Attitudes: The Gender Divide Still Exists

Mackenzie Harrison, Southern Illinois University Edwardsville; Sarah Gentry, Southern Illinois University Edwardsville; Kylor Smith, Southern Illinois University Edwardsville; Lauren Phillips, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville

Undergraduate students (N=827) at a Midwestern state university completed measures of sexism, social justice, and sexual harassment attitudes. Men and women generally self-reported low levels of sexism and indicated strong support of gender equality. However, men reported being more accepting/tolerant of sexual harassment behaviors.

66 Conservatism Ideology as a Predictor for Exoneree Culpability

Cynthia Willis Equeda, University of Nebraska, Lincoln; Kiley Gilbert, University of Nebraska-Lincoln

The research purpose was to examine conservative ideology as a predictor of exoneree culpability. Results (N = 246) indicated conservatism was a significant predictor for all measures, with mediation from trust in police. These findings enhance understandings of perceptions of exonerees and provide information about difficulties exonerees face.

67 The Investigations of Victim Blaming Towards Homeless and Non-Homeless Individuals
Cheyenne Williams, Lindenwood University; Trisha Prunty, Lindenwood University - Belleville
This study investigated the level of prejudice towards individuals who were homeless or non-homeless with regard to whether they were responsible for experiencing crimes. Results demonstrated that living situation did not contribute to perceptions but other factors, such as gender and purposeful poor choices, did impact beliefs.

68 Juror Perceptions of Attorney Effectiveness and Capital Sentences
Matthew Grabowski, Indiana University Purdue University Indianapolis; Adeline Markward, Saint Joseph's University; Christopher Kelly, Saint Joseph’s University; Dennis Devine, Indiana University-Purdue University, Indianapolis
Capital juries are a critical component to the U.S. legal system. Research has investigated the effects of biases that may interfere with the best option for conviction. This study finds that juror perceptions of attorneys, that are not necessarily related to evidence, are related to conviction decisions in capital trials.

Cognitive, Learning and Education II

Sat 8:30AM - 10:20AM Salon 10
Moderator: Chris Was, Kent State University

8:30 The Relationship between Learning Spelling and Meaning Incidentally during Reading
Shauna de Long, Kent State University; Jocelyn Folk, Kent State University
The purpose of the study was to examine incidental acquisition of novel words’ meanings and spellings while reading. Participants read sentences with novel words in informative or uninformative contexts. There was significantly greater accuracy in identifying the spellings of words when readers knew the meanings and vice versa.

8:45 Connect the Concepts: Exploring Deficits Underlying Structure Building Individual Differences
Reshma Gouravajhala, Washington University in St. Louis; Mark A. McDaniel, Washington University in St. Louis
Structure building is the ability to build a coherent mental model of a text by identifying and integrating important points while suppressing irrelevant

details. Using educationally authentic texts, we conducted the present study to reveal components of text comprehension that are related to individual differences in this ability.

9:00 Acquiring Complex Concepts through Immediate Versus Delayed Feedback

Daniel Corral, Iowa State University; Shana K. Carpenter, Iowa State University; Samara Clingan-Siverly, Iowa State University; Payten Fenimore, Iowa State University; Emma Reese, Iowa State University; Christina Hickman, Iowa State Univeristy; Chelsie Benshoof, Iowa State University
We report three experiments, wherein subjects were asked to learn how to distinguish true from non-true experiments. Some subjects were given immediate feedback and others were given delayed feedback; all subjects then completed a posttest. In two of the three experiments, the delayed feedback condition outperformed the immediate feedback condition.

9:15 Do Adults Treat Equivalent Fractions Equally?

Charles Fitzsimmons, Kent State University; Clarissa Thompson, Kent State University
Fractions are notoriously difficult, yet accurately estimating the location of fractions on numbers lines relates to higher educational achievement. We discovered that higher fraction equivalence knowledge (1/2=15/30) related to more precise number line estimates. Equivalence knowledge improves estimation precision through the use of adaptive strategies (e.g., simplifying).

9:30 Effects of Task Instructions on Processing Causal Explanations in Science Texts

Kathryn Rupp, Northern Illinois University; M. Anne Britt, Northern Illinois University; Keith Millis, Northern Illinois University
We examined how task instruction can affect college students’ online reading of short scientific explanations (read to understand, draw, or explain). Task instructions did affect their reading, in particular reading to draw emphasized causality in their mental models. Students need support in emphasizing causality in their mental models.

9:45 Comparing interleaved, blocked, and fading presentation schedules on math learning

Rachael Todaro, Kent State University; Bradley Morris, Kent State University
An interleaved presentation schedule may promote math learning better than blocked presentation schedule or fading schedules (i.e., blocked-to-

interleaved or interleaved-to-blocked). Thirty-two undergraduate students learned to solve volume problems in an interleaved, blocked, interleaved-to-blocked, or blocked-to-interleaved condition. Findings indicate that interleaving volume problems results in better post- and delayed posttest performance.

10:00 Reconceptualizing Symbolic Magnitude Estimation Training Using Non-Declarative Learning Techniques

Erin Graham, Kent State University; Chris Was, Kent State University
The purpose of the current study was to determine whether a number-line intervention based on the principles of implicit learning, which have been shown to reduce cognitive load, could improve students' understanding of symbolic magnitude. Results indicated that students benefitted more from the implicit number-line training than declarative number-line training.

Applied Social: Student Success

Sat 8:30AM - 10:20AM Salon 6/7
Moderator: Kristin Flora, Franklin College

8:30 Metacognitive Accuracy Predicts Quiz Scores

Amanda Hall, Butler University; Christopher Devers, Johns Hopkins University; Erin E Devers, Indiana Wesleyan University; Tina Chen, Indiana University-Purdue University Indianapolis
Generally, students are overconfident in their abilities and often use ineffective study techniques. Using certainty-based marking, this project attempted to increase students' metacognition, which ultimately helped them self-calibrate and better gauge their understanding of the material.

8:45 Evaluation of Methods Used in an Assessment of Teaching

Kristina Mouzakis, Monmouth College
The question examined is whether writing more assignments has a boosting effect on students' final grades. Results indicate it did not matter on their final grade how many papers they wrote, rather, how many points they received for those papers. The research methodology limits are also extensively discussed.

9:00 A Master's Vertical Student Practicum Marketing Committee: Year Three Evaluation

Lindsay Schaefer, Southern Illinois University Edwardsville; Lauren Phillips, Southern Illinois University Edwardsville; Savannah Price, Southern Illinois

University Edwardsville; Johanna Ramirez, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville
A vertical practicum develops marketable skills in graduate students while creating content to market a graduate program through benchmarking and developing an annual program newsletter. Two second-year students lead a team with two first-year students to collect, analyze and present information about the program and benchmark marketing strategies.

9:15 Work-School Conflict and Marijuana Expectancies as Predictors of Marijuana Use

Michael Baumann, The University of Texas at San Antonio; Jessica Perrotte, The University of Texas at San Antonio; James Deller, The University of Texas at San Antonio; Amber Chin, The University of Texas at San Antonio; Linda Morissette, The University of Texas at San Antonio
Approximately 2/3 of college students hold employment during the school year. This creates a potential for work-school conflict (WSC), which is often stressful. Informed by the expanded self-medication hypothesis, we tested and found relations of WSC, marijuana expectancies, and their interactions to marijuana use. Additional results and implications are discussed.

9:30 Contemplating Success: Refugee Students’ Experiences in Higher Education

Emily Bray, University of Illinois at Chicago
The world is facing a refugee crisis, and refugee higher education has important individual and community implications (Dryden-Peterson, 2011). This constructivist grounded theory (Charmaz, 2006) interview study examines refugee-background undergraduates’ perceptions of success, the elements that have influenced their success in college, and the supports that might contribute to future

9:45 Increasing Grit and Improving First-Year College Students’ Success

Susan Murray, Missouri S&T; Stephanie Dukes, Missouri University of Science & Technology; Nathan Weidner, Missouri University of Science & Technology
76 incoming college freshman participated in an enhancement program focused on study skills and group activities to increase retention in STEM majors. They took the GRIT-S survey pre and post. Using one direction paired sample t-test, we found only the Grit sub-scale of perseverance of effort was increased statistically significantly.

10:00 Grit Buffers against Disordered Eating Unless Expressive Suppression is Used

Katherine Knauft, Miami University of Ohio; Shelby Ortiz, Miami University; Elizabeth Velkoff, Miami University; April Smith, Miami University; Vrinda Kalia, Miami University

Two studies investigate the association between grit and disordered eating attitudes and behaviors, finding preliminary evidence that grit may buffer against disordered eating. Expressive suppression moderates the relation between grit and disordered eating, providing support for the argument that emotion regulation may play a key role in disordered eating.

Invited Workshop

Easy Statistical Mediation Analysis with Distinguishable Dyadic Data

Andrew Hayes, Jacob Coutts, and Tao Jiang
The Ohio State University

Sat. 8:30AM – 10:20AM Salon 5/8

When data are collected from distinguishable dyad members (husband/wife, boss/employee, parent/child), mediation analysis can be used to examine the mechanism(s) by which causal effects operate within and between dyad members. We outline several possible dyadic mediation models, discuss limitations of the PROCESS macro for analyzing distinguishable dyadic data, and introduce an easy-to-use macro for SPSS and SAS that simplifies dyadic mediation analysis.

MPA Invited Presidential Address

Biobehavioral Responses to Cancer

Barbara Andersen, Ohio State University
andersen.1@osu.edu

Sat. 9:00AM – 10:20AM Adams
Moderator: Darrell S. Rudmann, Shawnee State University

The Biobehavioral Model of Cancer Stress and Disease Course was the first comprehensive model of psychological, behavioral, and biological factors and their potential role in disease progression. Foundational for conceptualizing cancer, tests of pathways in the model, particularly depression and immune/inflammation, will be discussed and examples provided.

NOTES

Existential Psychology

Sat 10:30AM - 12:20PM Salon 3
Moderator: Elora Voyles, Southern Illinois University Edwardsville

10:45 Pushing up daisies: How existential awareness can promote well-being

Kenneth Vail, Cleveland State University

Death awareness can potentially undermine well-being and fuel defensiveness. However, building upon both terror management and self-determination theory, emerging research suggests that some individuals are instead more accepting of death awareness—taking it as an occasion to appreciate life and explore the world in a more open-minded and growth-oriented way.

11:15 Mortality Salience and Counterfactuals: Counterfactuals Serve as Defenses and Threats

Brielle Johnson, Miami University; Amy Summerville, Miami University

Terror management theory suggests people are motivated to defend their worldviews and self-esteem when death is brought to awareness. The current research explores how counterfactual thoughts may act as defensive mechanisms against reminders of personal death as well as how counterfactual thoughts may require increases in coping following mortality salience.

11:30 Worries about death, sense of coherence, and anxiety.

Gerard Rainville, AARP (non-profit)

Using a series of hierarchical linear models on data from 2,257 Americans 18+, a higher sense of coherence buffered the negative impact of death worries on anxiety (GAD-7). The effect was greater for those with strongly held views about death's finality—no matter whether they affirm or deny an afterlife.

11:45 Cultural Cognition: Worldviews as an Epistemic Resource

Tyler Jimenez, University of Missouri

If worldviews "think" for us, then the propensity to think should be differentially affected by affirmed or threatened worldviews. Two studies (n = 693) showed that mortality salience decreased, and worldview threat increased, need for cognition. Together, the studies deepen our understanding of the relation between existential and epistemic concerns.

12:00 Goal Orientation and Death Awareness Impact Well-Being and Growth Motivation

Dylan Horner, Cleveland State University; Kenneth Vail, Cleveland State University

Interfacing terror management theory and self-determination theory, two studies found that mortality salience undermined satisfaction with life and inhibited exploration motivation when extrinsic goals (wealth, fame, attractiveness) were dominant or primed, yet increased life satisfaction and exploration when intrinsic goals (personal growth, warm social connection) were dominant or primed.

Symposium

Stigma-related Beliefs Among Perceivers and Targets Living with Mental Illness

Sat. 10:30AM – 12:20 PM Salon 4

Organizers: Kathryn Kroeper and Colleen Hughes, Indiana University-Bloomington

Compared to racial and sexual stigmas that have declined in recent years (Pew Research Center, 2017), explicitly held stigmas about mental illness remain pervasive in the U.S. (Pescosolido et al., 2010), along with its myriad negative interpersonal (e.g., prejudice and discrimination; Overton & Medina, 2008) and intrapersonal (e.g., avoidance and delayed treatment-seeking; Clement et al., 2015) consequences. One reason mental health stigma is so “sticky” has to do with its multidimensionality. Mental health stigma refers to a variety of different mental disorders and beliefs (e.g., controllability, dangerousness) that affect perceivers and targets in different ways. Thus, to address mental health stigma it is important to consider the specific underlying stigma-related beliefs that are implicated. We present four projects that describe how stigma-related beliefs among perceivers and targets of mental illness stigma shape responses to stigma reduction efforts. The first presentation discusses the prevalence of stigma toward mental illnesses and clarifies the dimensions of stigma that are specific to different mental disorders. The next presentation discusses the social norms about expressing prejudice towards individuals living with mental illnesses and whether confronting these prejudices reduces their expression. The final two presentations discuss stigma's influence in treatment contexts, specifically how perceivers stigmatize those who have unsuccessfully sought treatment for mental illness and how self-stigmatization by those who have sought treatment affects their future treatment intentions.

Why Are Mental Illnesses Stigmatized?
Anne Krendl, Indiana University

The Consequences of Speaking Out Against Mental Health Stigma
Kathryn Kroeper, Indiana University; Mary C. Murphy, Indiana University

Impact of Treatment-Seeking and Symptom Course on Depression Stigma
Jordan S. Waldron, University of Indianapolis; Kathryn Boucher, University of Indianapolis; Robyn Nadler, University of Indianapolis; Kristen Dyson, University of Indianapolis

When Does Internalized Stigma Interfere with Mental Health Treatment-Seeking?
Colleen Hughes, Indiana University; Kentaro Fujita, The Ohio State University; Anne Krendl, Indiana University

Symposium

Evolutionary Perspectives on Adaptive/Survival Memory

Sat. 10:30AM -12:20PM Salon 12
Organizer: Jeanette Altarriba, University at Albany, State University of New York

Recent data have shown that processing words for their survival relevance boosts memory performance, as compared to other standard mnemonics. This symposium focuses on basic and applied research that centers on the boundary conditions for this effect noting circumstances where there are documented survival advantages and situations wherein the effect is elusive.

The Survival Advantage: A Mnemonic Approach for Learning and Memory Improvement
Jeanette Altarriba, University at Albany; State University of New York

I Will Survive: Except in Cued Implicit Memory Tasks
Brandon J. Thomas, University of Wisconsin - Whitewater; Dawn M. McBride, Illinois State University

The Animacy Advantage in Memory: Adaptive Effect or Metacognitive Effect?
Michael J. Serra, Texas Tech University; Carlee M. DeYoung, Texas Tech University

Facing a Threat: Exploring the Survival Advantage with Threatening Faces and Contexts
Stephanie A. Kazanas, Tennessee Technological University

Social Poster Session II

Sat 10:30AM - 12:20PM Upper Exhibit Hall

1 Creative Capital Theory: Talent and Well-Being in Iceland
Jonathan Huffman, University of Kansas; Barbara Kerr, University of Kansas; Jordan Rodriguez, University of Kansas; Elizabeth Mellott, University of Kansas; Taylor Stout, University of Kansas
Iceland is a world leader in innovation and citizen happiness. Creativity has been associated with mental health, and creative capital theory (CCT) posits that creativity thrives when the 3-T's are present: talent, tolerance, technology/innovation (Florida, 2012). The current study examines CCT in Iceland; specifically, the relationship between talent and well-being.

2 Well-Being: Innovation and Technology in Iceland
Jonathan Huffman, University of Kansas; Barbara Kerr, University of Kansas; Elizabeth Mellott, University of Kansas; Taylor Stout, University of Kansas; Jordan Rodriguez, University of Kansas
Iceland is a world leader in innovation and citizen happiness. Creativity has

been associated with mental health and creative capital theory (CCT) suggests creativity thrives when the 3-T's are present: talent, tolerance, technology/innovation (Florida, 2012). The current study examines CCT in Iceland; specifically, the relationship between technology/innovation and well-being.

3 How Counseling Professionals Understand Social Class/SES: A Mixed Methods Study

Jennifer Cook, Marquette University; Leeza Ong, Marquette University; Olga Zavgorodnya, Marquette University

Social class and SES are under-researched and underexplored identities in the helping professions. We conducted a mixed methods study (*N* = 157) to explore how counseling professionals understand social class and SES to gauge what counselors know about these constructs to develop educational, supervisory, and clinical recommendations.

4 Deaf Acculturation, Depression/Anxiety, and Relationships with Parents: Unexpected Findings

Macrae Husting, University of Wisconsin- Milwaukee; Jacqueline Nguyen, University of Wisconsin- Milwaukee

Acculturation was explored via survey with deaf/hard of hearing emerging adults (N=431). Contrary to expectations based on theory and research, Marginal acculturation was associated with lowest levels of depression/anxiety and parent-relationships remembered as controlling and alienated. Degree of acculturation to the Deaf and Hearing culture, respectively, predicted increasingly negative outcomes.

5 Hope and Optimism Predict Aspects of Meaning in Life

Ian Fischer, Indiana University Purdue University Indianapolis

Meaning in life is emerges when individuals experience comprehension, purpose, and significance. Hope and optimism may assist this process by facilitating goal pursuits designed to develop, or reaffirm, meaning. Path analysis revealed that hope and optimism both predicted comprehension and purpose in life, but that only optimism predicted significance.

6 Internationals Belonging or Burdened: Acculturative Stressors' Mediated Impact on Depression

Jonathan Tsen, Illinois Institute of Technology; Laura Mathew, University Illinois Chicago; Namhee Kim, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

Acculturative stress has been associated with depressive symptoms within international students in the U.S. This study examined how Joiner's Interpersonal Theory factors of *thwarted belongingness* and *perceived burdensomeness* mediated the relationship between acculturative stress and depressive symptoms.

7 Iterative Failures: A Boundary Condition for Incremental Cultural Mindset Effects

Sharon Li, Purdue University; Franki Kung, Purdue Unviersity

Past research has suggested that incremental (vs. fixed) mindsets of culture are more beneficial in intercultural settings. This study aims to explore the question of whether incremental mindsets will lead to less positive attitudes towards foreigners who show repeated (as opposed to single) incidences of inability to adapt to the local culture.

8 International Students' Meaning in Life, Acculturative Stress, and Psychosocial Adjustment

Jonathan Tsen, Illinois Institute of Technology; Beatrice Meda Gaurean, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

Short abstract: Acculturative stress has been shown as a significant predictor of negative psychological outcomes for international students. However, meaning in life was identified to mediate the impact of acculturative stress on psychosocial adjustment among a sample of international student population in the U.S.

9 Accuracy of Affect Regulation Forecasts

Ryan Klute, Western Illinois University; Alyssa Schmitt, Western Illinois University; Scott Hemenover, Western Illinois University

Participants (N = 99) forecast how effective a positive memories writing task would be in reducing sadness, and two months later watched a sad video and completed the writing task. Results revealed a reverse impact bias with participants forecasting the task to have a weaker impact than it actually did.

10 An Experimental Test of Affect Regulation Forecasting

Alyssa Schmitt, Western Illinois University; Ryan Klute, Western Illinois University; Scott Hemenover, Western Illinois University

Participants (N = 144) watched a sad video and completed a positive memories writing task (Experiencers) or forecast how effective the task would be in reducing sadness (Forecasters). Results revealed an affect regulation impact bias, in that Forecasters estimated a greater decrease in sadness than was observed among Experiencers.

11 Neuroticism and the Motivation to Feel (Very) Bad

Harley Spero, Western Illinois University; Dustin Brown, Western Illinois University; Colin R. Harbke, Western Illinois University; Scott Hemenover, Western Illinois University

Participants (*N* = 332) completed measures of neuroticism, negative affect commonality, and affect regulation motivation. Neuroticism positively predicted the motivation to increase intensity of trait consistent states (i.e., negative affect) and to decrease intensity of trait-inconsistent states (i.e., positive affect), and these links were fully mediated by negative affect commonality.

12 Positive Mood, Hope, and Life Satisfaction in Chinese Adults

Mingqi Li, DePaul University; Olivia Chang, University of Michigan, Ann Arbor; Zhen Xi, McGill University; Yuwei Liu, University of Michigan, Ann Arbor; Xitong Zhang, McGill University; Xin Wang, Hobart and William Smith Colleges; Zimeng Li, Illinois Institute of Technology; Mingzhe Zhang, Lehigh University; Edward Chang, University of Michigan

This study sought to determine if the positive association between positive mood and life satisfaction can be understood as a function of hope in Chinese. Results from bootstrapped mediation tests with multiple mediators indicated that positive mood was indirectly associated with life satisfaction through hope agency, but not through hope pathways.

13 Forgetting Feelings of Failure: Fading Affect Bias in Achievement Memories

Audra Jensen, Northern Illinois University; Sarah Coley, Northern Illinois University; Amanda Durik, Northern Illinois University

This study tests if the Fading Affect Bias (FAB) functions by helping individuals reduce the negativity of the memory of an event so that they can recover and learn from the event, and possibly increase willingness to re-enter similar situations in the future. Achievement memories are compared to general memories.

14 Validating Choreography Embodying Emotions of Happiness, Anger, and Sadness

Amy Herstein Gervasio, University of Wisconsin, Stevens Point; Ethan Englund, University of Wisconsin Stevens Point; Emily Goonan, University of Wisconsin-Stevens Point; Marcus Kubichek, University of Wisconsin-Stevens Point; Whitney Schroeder, University of Wisconsin-Stevens Point

Participants accurately identified emotions of happiness, anger, and sadness at statistically significant rates in 45 videos of six dances, regardless of gender of dancer or number of dancers. This choreography can be used in future research, such as the interplay of dance and music in evoking emotion in audiences.

15 Parent's Emotional Intelligence and Perceived Emotional Intelligence of Children

Amanda Cadle, University of Kansas; Jonathan Huffman, University of Kansas; Barbara Kerr, University of Kansas

Emotional intelligence has been used a predictor for many positive outcomes in adults. There is little research regarding how parent emotional intelligence relates to child emotional intelligence. This study explores the relationship between parental emotional intelligence and perceived child emotional intelligence. Results indicated a significant relationship. Implications for practice are

16 Probiotic supplementation does not influence state anxiety in young adults: A double-blind RCT

Karen Petersen, College of St. Scholastica; Moriah Splonskowski, The College of St. Scholastica; Sarah Conklin, Allegheny College

In ta double-blind, placebo controlled study, the effects of short-term administration of a multi-species probiotic (i.e. VSL#3) on state anxiety levels in college students was investigated. There were no significant effects of probiotic supplementation on anxiety in this healthy group of college students.

17 The Infant-Like Characteristics-Empathic Concern Effect: Seven Replication Studies

McKayla Bullock, University of Wisconsin Oshkosh; Haley Bowers, University of Wisconsin Oshkosh; Cameron Blankenship, University of Wisconsin Oshkosh; Carolyn Schweda, University of Wisconsin Oshkosh; Nathan Klug, University of Wisconsin Oshkosh; Alexis Maier, University of Wisconsin Oshkosh; Jordyn DeBraal, University of Wisconsin Oshkosh; Samantha Noll, University of Wisconsin Oshkosh; Margaret McMullins, University of Nevada Las Vegas; David Lishner, University of Wisconsin Oshkosh

Seven replication studies were conducted to investigate whether infant-like characteristics of those in need elicit feelings of empathic concern. Across all seven studies little support for the hypothesis was found. Methodological explanations for the differences in the present findings and previously published findings demonstrate support for the hypothesis are discussed.

18 Social Cognition as a Mediator of Affect Ratings after Stressful Events

Nicole Sonday, Cleveland State University; Arishna Agarwal, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

We investigated the relationship between social cognition and distress in response to an interpersonal stressor (Trier Social Stress Test, TSST). Social Cognition was related to baseline levels of distress, but did not significantly predict change in distress during the TSST ratings. Clinical implications are discussed.

19 Math Anxiety and Impact on Working Memory

Sara Rubovits, Mount Mary University; Laurel End, Mount Mary University

We investigated the relationship between physiological and self-report measures of math anxiety and the effect on performance. Participants reported math anxiety and solved math problems while their heart rates were measured. Results indicated a significant increase in heart rates during the task. No relationship was found between the other variables.

20 Music Works Best to Induce a Positive State of Nostalgia

Josh Woods, Grand View University

This study aimed to explore which kind of stimuli is best to induce positive-state nostalgia. Music, movies, sporting highlights, and news events were examined in a between-subjects design which revealed musical stimuli to be the best trigger for positive nostalgia.

21 The Relationship Between Sports Injury and Student Athlete’s Emotional Stability

Rebecca Sturgess, William Woods University

To find the relationship between sport's injury and an athlete's emotional stability, an electronic survey was given to 46 student-athletes. This study brought insight into the stress levels experienced by student-athletes as their years in college increases.

22 Protective Role of Sleep in Adult Attachments and Emotion Regulation

Kristin Rooff, University of Northern Iowa

This presentation provides an analysis of the impact of adult attachment styles on emotion regulation. Proper sleep hygiene was explored as a protective moderator of the impact of insecure attachment styles on emotion regulation. In addition, associations were examined among attachment styles, difficulties in emotion regulation, sleep, and gender.

23 Does Perceived Loss of Fitness Explain Sadness Toward LGB Offspring?

Gabriel Escudero, Saint Xavier University; Ciara Nichols, Saint Xavier University; Angela Pirlott, Saint Xavier University

Our study examined whether sadness toward LGB offspring could be explained by perceived loss of fitness. Results indicated that imagined parents reported greater suggested toward offspring “coming out” as LGB and infertile relative to heterosexual, which was mediated by perceptions of decreased odds of reproducing.

24 LGB’s Perceptions of Family Members’ Reactions to “Coming Out”

Ciara Nichols, Saint Xavier University; Gabriel Escudero, Saint Xavier University; Angela Pirlott, Saint Xavier University

Our study examined whether perceived loss of fitness affects relationships between LGB individuals and their family members. LGB participants reported perceptions of their family members’ emotions toward their “coming out.” Results indicate parents express greater sadness toward their offspring “coming out,” possibly due to perceived loss of fitness.

25 Motivations and Barriers to Volunteering in Lake Conservation

Mona Ibrahim, Concordia; Michelle Marko, Concordia College; Benjamin Bjertness, Concordia College; Matthew Zabel, Concordia College

We used surveys and interviews to understand the motivations and barriers of volunteers in lake conservation in Minnesota. Most participants believed that they were not authentically included in the lake planning process. This suggests that volunteers need to be given authority over the lakes in order to increase their

26 Effects of Age and Ethanol Pre-exposure on Taste Conditioning

Isabel Galic, St. Olaf College; Elaine Grafelman, St. Olaf College; Shelly Dickinson, St. Olaf College

Mice injected with ethanol following tastant access show conditioned taste aversion (CTA). Previous studies show that ethanol pre-exposure decreases learning about ethanol and that adolescent mice need a higher ethanol dose to produce CTA. We find the interaction of age and ethanol pre-exposure produces tolerance to ethanol’s aversive motivational effects.

27 Thinking of Comfort Food Reduces System Justification in Conservatives

Lukas Sotola, Iowa State University; Kristine M. Kelly, Western Illinois University

It was found that when conservative participants had a comfort food, specifically, ice cream, made salient to them, they showed reduced belief that the sociopolitical order is fair (i.e., system justification). Liberal participants did not show this effect.

28 Moral Foundations of U.S. Political News Organizations

William E. Padfield, Missouri State University; Erin Buchanan, Missouri State University

Through web scraping, the researchers gathered political articles from four news sources' websites. Using the Moral Foundations Dictionary, the researchers created a multi-level model in order to explore the relationship between political lean and moral alignment. The researchers concluded valence of the article's words should also be considered in analysis.

29 Gender Identities, Gender Hierarchy, and Voter Intent for Hilary Clinton

Kalen Kennedy, Marquette University; Simon Howard, Marquette University

Researchers explored whether collective gender identities and social issue perspectives predicted voter intent for Hilary Clinton in the 2016 election. Collective gender identity was found predictive of voter intent, however, only for men. Also, the more participants legitimized gender inequality, the less likely they were to vote for Hilary Clinton.

30 Political Orientation & Transgender Attitudes: An Internal Meta-Analysis

Hailey Hatch, Saint Louis University; Helen C. Harton, University of Northern Iowa

Political orientation is one predictor of attitudes toward transgender people, with political conservatism relating to more negative attitudes. An internal meta-analysis (total *N*=1665) revealed medium to large effects for four areas of political orientation, with views on social issues having a stronger effect than other areas of political orientation.

31 Political Lenses Influence Our Perceptions of Racism

Josh Woods, Grand View University

This experiment aimed to examine the effects of politics on an ability to identify racist statements. We found Democrats were more likely than Republicans to label a racially charged statement as "racist." However, this difference was eliminated when subjects did not know who made the statement.

32 Handedness and Political Beliefs

Chris Niebauer, Slippery Rock University; Dan Cohen, Slippery Rock University

Mixed handers may be more open to new ideas. Participants were measured on Handedness in addition to some of the contemporary issues on campuses. As predicted, mixed-handers adopted these new beliefs more than strong handers. This suggests that differences in handedness play a role in these debates.

33 Contributions of Academic Efficacy and Goal Orientations to Learning Gains

Emily Lyons, University of Chicago

In this study, we tested: (1) whether student's academic efficacy and goal orientations predicted learning gains from a single high quality, yet challenging, conceptual mathematics lesson, and (2) whether these same traits predicted students' enjoyment of the lesson and desire to learn more about the lesson's content.

34 Do Comparisons Matter? Valence Framing and Evaluation of Political Candidates

Justyna Olszewska, University of Wisconsin-Oshkosh; Sean Conway, University of Wisconsin-Oshkosh; Andrzej Falkowski, SWPA University of Social Sciences and Humanities; Magdalena Jablonska, SWPA University of Social Sciences and Humanities; James Barnes, University of Wisconsin-Oshkosh; Amy Hodel, University of Wisconsin-Oshkosh; Sandra Michels, University of Wisconsin-Oshkosh

We add to the valence framing research by demonstrating that activating the ideal politician concept increased affective evaluation and likelihood of voting for Hillary Clinton (compared to Donald Trump). Multidimensional scaling analysis supports these results, which have implications for political marketing and advertising.

35 Perceptions of Microaggressions & Consequences Differ by Political Orientation

Jordan Newburg, University of Northern Iowa; Christina Fortuna, University of Northern Iowa; Bre Kirpes, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

Women rated whether discrimination occurred in a vignette depicting one of several types of gender microaggressions. Political conservatives were less likely than liberals to perceive discrimination when the sexist behavior was more obvious, which may help explain recent political reactions. Liberals also perceived more negative consequences from sexist behavior.

36 Political Orientation, Cognitive Busyness, and the Moral Foundations Questionnaire

Alivia Zubrod, University; Nathan Lewey, University of Northern Iowa; Helen C. Harton, University of Northern Iowa; Evan Stilgenbauer, University of Northern Iowa

We modified Moral Foundations Questionnaire subscales based on research suggesting that they may contain biased wording. Our modified subscales were less correlated with political orientation than the originals, but for both versions, cognitive busyness led conservatives to more strongly endorse the binding foundations, contrary to previous research.

37 The Moderating Effects of Latino Fathers' Warmth and Supportiveness

Jefferson Uriarte, Loyola University Chicago; Yvita Bustos, Loyola University Chicago; Karen Glownia, DePaul University; Alex Leon, Loyola Univeristy Chicago; Catherine Santiago, Loyola University Chicago

This study utilizes longitudinal and observational methodology to examine how paternal warmth and supportiveness may moderate the relation between economic stress and child externalizing symptoms among low-income, Mexican-origin immigrant families. Results suggest that the association between economic stress and child externalizing symptoms is moderated by paternal warmth.

38 Parental Attachment and Perceived Emotional Intelligence of Children

Amanda Cadle, University of Kansas; Jonathan Huffman, University of Kansas; Barbara Kerr, University of Kansas

Emotional intelligence has been associated with many positive outcomes in adults. There is currently little research understanding children’s emotional intelligence, particularly in relationship to aspects of parenting. This study explored the relationship between parental attachment and perceived emotional intelligence. Results indicated a significant relationship. Implications for practice

39 Predicting Family Quality of Life Domains: Income, Burden, Parenting Self-Esteem

Jenna Ausloos, Illinois Institute of Technology; Melissa Ivins-Lukse, Illinois Institute of Technology; Sean Leahy, Illinois Institute of Technology; Eun-

Jeong Lee, Illinois Institute of Technology
Little research has explored predictors of the individual domains of Family Quality of Life (FQoL) for caregivers of transition-age youth with intellectual and developmental disabilities. Individual block regressions revealed income, burden, and parenting self-esteem to be significant predictors of most FQoL domains, while income alone predicted physical/material wellbeing FQoL.

40 Paternal Incarceration, Adolescent Partner Violence, & Delinquency

Shania Cole, Murray State University; Esther Malm, Murray state University
Using the Fragile Families and Wellbeing dataset, 106 children who at three, father was incarcerated were examined. At age fifteen, children completed questions regarding delinquency behaviors and partner abuse. Fighting behaviors were significantly associated with each variable. However, physical abuse toward a partner only remained significant when predicting fight behaviors.

41 Aspirations, But Not Autonomy, Affect Mate Choice in Early Adulthood

Jaidelynn Rogers, Southern Illinois University at Carbondale; Rebecca Foushee, Lindenwood University
This study investigated how aspirations and autonomy influence whom we befriend, “hook-up” with, and/or marry. Participants were presented with 7 hypothetical mate choices from profile summaries that embodied aspiration categories. As hypothesized, participants chose hypothetical partners who reflected aspirational styles that matched their own. Autonomy was unrelated to mate choice.

42 What Happens to My Social Media Accounts Upon Death?

Michelle Drouin, IPFW; Robyn White, Purdue University Fort Wayne; Valerie Valenciano, Purdue University Fort Wayne; Tyshawna Herron, Purdue University Fort Wayne; Izabelle Peckham, Purdue University Fort Wayne
The popularity of social media (SM) has spurred the question: What will happen to my SM accounts after I die? This study analyzes privacy concerns related to SM after death, as well as how SM addiction and online self-enhancement contribute to the perceived importance of having post-mortem SM arrangements.

43 Who Likes to Chat with Bots?

Michelle Drouin, IPFW; Catalina Todd, Purdue University Fort Wayne; Laci Johnson, Purdue University Fort Wayne; David Ryan Polgar, IPFW; Logan Thacker, Purdue University Fort Wayn

People chatting with humans or humans they think are bots report similar levels of emotional intimacy, and similar personality characteristics are associated with positive feelings. However, when not told beforehand that they are chatting with bots, individuals have more negative emotional reactions. Transparency in human-bot interactions appears to be important.

44 I'm Sorry, but I'm Not at Fault

Michelle Drouin, IPFW; Taylor Perkins, Purdue University Fort Wayne; Quang Thoai Ho, Purdue University Fort Wayne; TiAsia Barlow, Purdue University Fort Wayne; Bradley Poronsky, United States Air Force

In our experimental study, 674 adults were asked to respond to text-based scenarios in which they had varying levels of fault and personal consequence. Apologies across computer-mediated contexts may not be reflective of one’s feelings of fault in the situation. Instead, they may be reflexive scripts or empathetic responses.

45 Supportive Relationships Buffer Against Negative Outcomes Among Foster Youth

Megan Dunn, Illinois Institute of Technology; Nikki Legate, Illinois Institute of Technology

Using data from Wave III of the National Longitudinal Study of Adolescent to Adult Health, links between supportive close relationships and negative outcomes were examined to investigate the role of supportive others as a protective factor against negatives outcomes typically observed among foster youth.

46 Police Brutality Followed by Intergroup Interactions, Levels of Emotional Engagement

Keara Kangas, Marquette University; Kathryn Gustafson, Marquette University; Joia Wesley, Marquette University; Nakia Gordon, Marquette University

The relationship between police brutality and emotion is beneficial for understanding the role that racialized violence plays in intergroup interactions and emotional engagement. Negative emotions increased more for police violence. White participants also had lower partner interaction scores. This suggests police violence is negatively affecting individuals and intergroup relations.

47 The Effects of Political Party Affiliation on Relationships

Kerri Bradley-Ronne, The Chicago School of Professional Psychology; Taylor Brust, The ChicagoSchool of Professional Psychology; Corinne Guilday, The Chicago School of Professional Psychology; Sanjli Mehta, The Chicago School of Professional Psychology; Sarah Morosan, The Chicago School of Professional Psychology; Morgan Haney, The Chicago School of Professional Psychology

Over 300 people completed a survey regarding the effects of recent political conflicts on their relationships. Nearly half had experienced conflicts in relationships, and of those, more than a quarter experienced serious conflicts that damaged or ended important relationships. Others described avoiding discussing politics in order to preserve relationships.

48 Own and Partner Personality Traits as Predictors of Infidelity

Melanie Reyes, University of Northern Iowa; Emma Altgelt, Florida State University; Juliana French, Florida State University; Andrea Meltzer, Florida State University; James McNulty, Florida State University

We used two longitudinal studies to examine the associations between own and partner personality and infidelity. Wives high (versus low) in extraversion, husbands with partners high (versus low) in narcissism, and spouses with partners high (versus low) in both neuroticism and extraversion were more likely to commit an infidelity.

49 The Effects of Actor and Partner Optimism on Cognitive Ability

Jeewon Oh, Michigan State University; William Chopik, Michigan State University

We examined how actor and partner optimism in couples affect cognitive ability. Being married to an optimist is associated with better cognitive ability, particularly among those low in optimism. The mechanisms underlying optimism-health associations and the implications of these effects are discussed.

50 Antecedents and Consequences of Pornography Jealousy

Tracy Walters, Western Illinois University; Marcin Dyczewski, Western Illinois University; Eugene Mathes, Western Illinois University

This study tested for antecedents and consequences of pornography jealousy. Pornography use and interpersonal jealousy were confirmed as antecedents of pornography jealousy. Partner’s perceived pornography use was not supported as a consequence of pornography jealousy. Pornography use, interpersonal jealousy, and biological sex were predictors of partner’s perceived pornography use.

51 The Benefits of Mindfulness for Individuals High in Attachment Anxiety

Rachael Quickert, Queen's University; Tara MacDonald, Queen's Univeristy

Individuals high in attachment anxiety fear abandonment by their romantic partners. These individuals engage in hyperactivating strategies when they perceive threats to their relationship. We reasoned that mindfulness techniques would reduce hyperactivating strategies for individuals high in attachment anxiety, and conducted two experiments to explore this hypothesis.

52 Social Media Use Post-Relationship Breakup and Emotional Distress

Brandon McDaniel, Illinois State University; Maddie Merritt, Illinois State University; Olivia DeWitte, Illinois State University; Rebecca Bush, Illinois State University; Andrea Gilleran, Illinois State University

We examined how individuals handle their online relationship presence post-breakup and impacts on distress. Participants (*N*=147) who had experienced a breakup within the last year completed a survey about their post-breakup social media behaviors. Regression results suggested that monitoring/interacting and deleting behaviors are connected to levels of breakup distress.

53 Post-Relationship Breakup Social Media Use and Quality of Romantic Relationships

Brandon McDaniel, Illinois State University; Maddie Merritt, Illinois State University; Olivia DeWitte, Illinois State University; Rebecca Bush, Illinois State University; Julia Wenig, Illinois State University

We examined (via self-reports) how individuals handle their online presence, specifically after a breakup, and feelings of ambivalence and commitment in their new romantic relationship. Regression results suggested that SM behaviors post-breakup were associated with levels of ambivalence and commitment in romantic relationships formed after the breakup.

54 It Wasn’t Sexual Assault, but Was It Consensual?

Michelle Drouin, IPFW; Hannah Nissley, Purdue University Fort Wayne; Gianna Casaburu, Purdue University Fort Wayne; Elana Kayser, Purdue University Fort Wayne

We examined perceptions of sexual consent among 506 adults who had engaged in sexual activity with a known partner in the last two years. Nonconsensual sexual activity is not always classified as sexual assault, even when the definition of assault includes nonconsensual activity. Sexual assault surveys should include consent measures.

55 Romantic Scripts for the 21st Century: Technology and relationship transitions.

Virgil L. Sheets, Indiana State University; Hailey Clements, Indiana State University; Tyler Good, Indiana State University; Taylor Pate, Indiana State University; Madison Roemer, Indiana State University

Participants' inclusion of technologies within scripts for relationship transitions was examined. While most behaviors for starting and ending relationships can be done via technology (e.g., displaying lack-of-interest or interest), relatively few are so common as to qualify as parts of these scripts (e.g., "friending," texting/ignoring texts, changing Facebook "status").

56 Attachment, Threat, and Infidelity: A Messy State of Affairs

Pauline Leung, Queen's University; Shana Needham, Queen's University; Tara MacDonald, Queen's Univeristy

Although those high in attachment anxiety are typically viewed as individuals who cling tightly to their relationships, we explored whether certain scenarios would prompt those high in attachment anxiety to consider infidelity. Our results suggest that attachment anxiety may predict cheating in the presence of relationship threat.

57 Effects of Attachment Style, Gender, and Cheating on Forgiveness

Colleen Stevenson, Muskingum University; Alyssa Sharp, Muskingum University; Dinah Meyer, Muskingum University

Undergraduates who experienced sexual or emotional cheating completed a measure of attachment (the Relationships Questionnaire) and a survey on forgiveness of their partner. Those who experienced sexual cheating had a more intense reaction to forgiveness, regardless of gender and attachment.

58 Men's and Women's Perceptions of "Stealthing:" Covert Condom Non-Use

Jody M. Ross, Indiana University/Purdue University at Fort Wayne; Michelle Drouin, IPFW; Jeannie DiClementi, Purdue University Fort Wayne; Isabella Palhoni De Lima, Indiana University-Purdue University, Fort Wayne; Tiffany Scafe, Purdue University Fort Wayne; Valerie Klir, Purdue University Fort Wayne; Cameryn Crawford, Purdue University Fort Wayne; Robyn White, Purdue University Fort Wayne

"Stealthing," or covert condom non-use, may be relatively common today. At least 1 in 5 women in our sample was aware of having been a stealthing victim; men reported lower rates of perpetration. Men were less likely than women to view stealthing as unacceptable or a violation of women's rights.

59 Correlates of Substance Use Among Men in Long-Distance Relationships

Humza Khan, Illinois institute of Illinois; Honor Woodward, Illinois Institute of Technology; Timothy Tully, Illinois Institute of Technology; Kelly Manser, Illinois Institute of Technology; Wren Yoder, Illinois Institute of Technology; Steve Du Bois, Illinois Institute of Technology

On average, men engage in more substance use relative to women. Substance use among men remains under-explored in some relational contexts, especially long-distance relationships (LDR). In LDR, Men's use of alcohol, marijuana, and hard drugs was related to negative relational factors, indicating potential for substance-based coping in this vulnerable population.

60 Physical victimization moderates relationship length mean and help-seeking self-efficacy.

Edward Gorski, Cleveland State University; Elizabeth Goncy, Cleveland State University

Studies have shown a relationship between physical victimization and help-seeking behavior, but relationship length is not considered. This study hypothesized that a relationship between mean relationship length and self-efficacy to engage in help-seeking behavior exists, moderated by physical victimization, but not gender or emotional victimization. The results support these hypotheses.

61 Moderating Role of Gender on Substance Use and Dating Violence

Haley Menix, Cleveland State University; Elizabeth Goncy, Cleveland State University

This study examined the moderating role of gender on the association between age of substance use initiation and dating violence in young adult. Results showed an interaction between early alcohol use, but not cigarettes or marijuana, and gender for emotional dating violence ($\Delta R^2 = .14$, $p < .01$).

62 Things that Facilitate and Inhibit the Use of Safewords in BDSM Scenes

Ellen Lee, Ripon College; Kayla Furlano, Ripon College; Luke Magee, Ripon College; Alexandra Molinski, Ripon College; Megan Rupnik, Ripon College; Jennifer Erickson, Northern Illinois University; Rylie Kues, Northern Illinois University

The safeword in BDSM scenes indicates a desire to slow down, change, stop the activities, or end the scene completely. This study investigated BDSM community members' perceptions regarding the factors that facilitate and inhibit the use of safewords in both public and private scenes. Quantitative and qualitative analyses were conducted.

63 The Fear of Being Single and Singlism

Shana Needham, Queen's University; Pauline Leung, Queen's University; Tara MacDonald, Queen's Univeristy

The present study examined the association between the fear of being single (Spielmann et al., 2013) and negative attitudes towards singles/singlehood. Survey data from 488 undergraduates demonstrated that a greater fear of being single is associated with viewing singles as lonelier/more miserable and having fewer positive feelings about singlehood.

64 Sociosexuality, Attachment Style, and Sexual Guilt: Exploring a Mediating Relationship

Esther Malm, Murray state University; Jana Hackathorn, Murray State University

While previous studies show that adult attachment styles and comfort with sex outside a committed relationship (SO) predicts sex-related guilt, this study (*N* = 146) found that anxious attachment and avoidant attachment predicted feelings of sex guilt but mediated through one’s level of comfort with sex outside a committed relationship.

65 God Attachment Predicts Self-Control and Self-Regulation

Emma Deihl, University of Minnesota Duluth; David M. Njus, Luther College; Nathan Abbott, Luther College

Subjects (n=148) completed measures of adult attachment (romantic and friend), God attachment, self-control, and self-regulation. Insecure adult attachment was negatively correlated with self-control and self-regulation. After controlling for adult attachment, insecure God attachment—specifically avoidant attachment to God—was negatively associated with both self-control and self-regulation.

66 Does internalized homonegativity and religiosity interact to predict self-destructive behavior?

Christopher Jurgens, University of Dayton; Mark Matthews, University of Dayton; Thomas O'Neill Farnsworth, Psy.D., University of Dayton

We investigated the association between internalized homonegativity, religiosity, and self-destructive behavior in men who have sex with men (MSM). In a series of exploratory regressions, we found evidence that internalized homonegativity was more positively associated with drug-use among participants high in private religiosity compared to participants low in private religiosity.

67 Self-Concept Clarity and Well-Being in Blind and Sighted Individuals

Jennifer Deren, Elmhurst College; Nazia Khan, Elmhurst College; Jessica Sim, Elmhurst College; Elizabeth Majka, Elmhurst College

People with high self-concept clarity (SCC) tend to have greater well-being. However, the sources of SCC remain unclear. We proposed that a sense of distinctiveness may boost SCC. The current research examined SCC and well-being in blind (a distinct population) and sighted participants.

68 Self-Subtyping: Constructing Grounds for Mitigating Threatening Feedback

Corey L. Guenther, Creighton University; Abigail Smith, Creighton University; Shelby Smith, Creighton University; Grace Lesniewski, Creighton University; Noah Harrahill, Creighton University

The present study examined whether “subtyping” processes are employed to protect the self following receipt of preference-inconsistent feedback. Participants who received negative intelligence-test feedback accompanied by a validity-neutral attribute internalized this feedback to a lesser extent than those whose feedback was not accompanied by this attribute.

69 Self-Affirmations Lower Perceived Success in Women

Bryant Stone, Southern Illinois University

Men and women scored similarly on an anagram task and reported an increase in self-esteem compared to a control group after completing an attribute self-affirmation activity. However, only men reported an increase in perceived success, whereas, women reported significantly lower perceived success. Implications for self-esteem in women are discussed.

70 Situational Self-Control Predicts GPAs of Some, but Not All, Students

Ruixin Ouyang, Grinnell College; Laura M. Sinnett, Grinnell College; Lica Ishida, Grinnell College

We found that students’ demographic variables moderated how well situational self-control (SSC) predicted cumulative grade point averages. SSC was more important for domestic students of color—likely due to their disadvantaged educational backgrounds—and students early in their careers—who were likely more challenged by their transition to college.

71 Situational Self-Control and GPAs: Mediation by Temptations and Hours Studied

Lica Ishida, Grinnell College; Laura M. Sinnett, Grinnell College; Ruixin Ouyang, Grinnell College

We replicated our earlier finding that situational self-control offered incremental predictive validity for GPAs over other self-control measures using a different sample of students. However, contrary to our hypotheses, hierarchical regression analyses suggested that neither temptations nor hours studied per week mediate the relationship between situational self-control and GPAs.

72 Emotional Self-Efficacy and Self-Monitoring Skills Predict Sports Anxiety

Hannah Herc, The University of Toledo; Pallavi Babu, University of Toledo; Ethan Radatz, The University of Toledo; Ben Harrison, The University of Toledo; Sarah Herr, The University of Toledo

Sports Anxiety has been shown to have a major influence on sports performance. Given findings in previous reserach surrounding anxiety more generaly, it is important to explore the relationship between emotional self-efficacy, self-monitoring skills, and sports anxiety in order to determine target for intervention, specifically in youth in competative sport.

73 Relationships among Student Social-Emotional Competence, Academic Performance, and Attendance

Teresa Borowski, University of Illinois at Chicago

Although research connects social-emotional competence (SEC) with positive academic outcomes, research rarely examines the potentially moderating role of race/ethnicity. This study examines this using data on SEC, academic achievement, and school absences in White and Latino youth. Some differential associations were found, demonstrating the complexity and importance of considering race/ethnicity.

74 Maternal Social Support Across Postnatal Development Buffers Depression

Kaitlyn Breitenfeldt, University of Illinois Urbana-Champaign; Heidemarie Laurent, University of Illinois

A significant interaction was found when the slopes of maternal social support scores (3-18 months postnatal) were tested as moderators of the effect of maternal 3-month CES-D scores on their infant’s ASQ scores. At lower ranges of maternal social support slopes, higher initial CES-D levels predicted poorer infant adjustment.

75 Household Chaos and Emotional Self-Regulation among At-Risk Young Children

Supriya Singh, University of Detroit Mercy; Kari Eidnes, Wayne State University; Christopher Trentacosta, Wayne State University

The study examined the association between household chaos and young children's emotional self-regulation. Fifty five parent-child dyads participated. Findings provided some support for our hypothesis that household chaos would be associated with poorer emotional self-regulation. These findings and future research could inform preventive intervention programs for families with young children.

76 Assessing Implementation of School-wide Social and Emotional Learning Efforts

Adena Meyers, Illinois State University; Abigail Lyons, McLean County Unit District No. 5; Caroline Signa, Illinois State University; Rachel Flores, Illinois State University

This study examined a Midwestern school district's initial efforts to implement school-wide social and emotional learning (SEL). Teachers in pilot schools endorsed more constructs related to CASEL's Theory of Action for SEL Implementation but reported lower levels of commitment to SEL promotion and instruction than teachers in comparison schools.

77 The Effect of Racial Socialization on Aggression and Delinquency

Queenisha Crichlow, Indiana University-Purdue University Indianapolis; Devin Banks, Indiana University-Purdue University Indianapolis; Tamika Zapolski, IUPUI

This study examined whether racial socialization moderated the relationship between aggression and delinquency among juvenile justice-involved youth. Results indicated that racial socialization had no effect on this relationship. Findings suggest that racial socialization may not mitigate engagement in delinquency among youth who have already began engaging in delinquent behavior.

78 Wrestling with God: Correlates of Divine Struggle and Divine Entitlement

Steven J. Hoekstra, Kansas Wesleyan University

Divine Struggle and Divine Entitlement were explored in relation to an individual's religious denomination, political affiliation, psychological need motivations, social ostracism, information literacy, and beliefs in other things, such as ESP. Results suggest that Struggle and Entitlement, although related to one another, show different psychological profiles.

79 Dress to Impress: Who do Women Consider when Selecting Clothing?

Laureon Watson, Western Illinois University; Eugene Mathes, Western Illinois University

Women reported that they are more likely to seek advice from women than men. This pattern of behavior is associated with acquiring a long-term mate (Mate Value Inventory), but not short-term mating success (Self-Perceived Mate Success). Women consult women while aiming to impress men with their choice of dress.

80 Self-objectification's Positive and Negative Outcomes for Women's Mating Success

Laureon Watson, Western Illinois University; Eugene Mathes, Western Illinois University

Objectification theory holds that sexualization creates negative health outcomes for women. However, the emphasis on appearance created by self-objectification may also have positive outcomes for women's mating success, as men value attractiveness in potential mates. This study examined the relationship between aspects of self-objectification, body esteem, and women's mating success.

81 The interaction of feedback and task-difficulty in self-control performance

Hector Ruiz, Indiana University

This study explores how motivation impacts willingness or ability to use self-control. Specifically, how task difficulty on an initial blind-typing task interacts with feedback received on a subsequent Simon-effect task to determine performance on the latter. The results suggest that difficulty may be stimulating rather than depleting in some pairings.

82 A Worldview of Disillusion: Mortality Salience Decreases Intention to Vote

Lukas Sotola, Iowa State University; Kristine M. Kelly, Western Illinois University

When participants' mortality was made salient, both liberal and conservative participants showed less of an intent to participate in an election. It is possible that non-participation in politics is an aspect of at least young people's cultural worldview.

83 Conservatism and “Real American” Stereotype as Predictors of Anti-Immigrant Attitudes
Cynthia Willis Equeda, University of Nebraska, Lincoln; Kiley Gilbert, University of Nebraska-Lincoln
The research purpose was to determine if conservative ideology predicts anti-immigrant attitudes, with mediation from a “real” Americans stereotype. The “real” American notion mediates the relationship between conservatism and anti-immigrant attitudes. “Real” American content (born in U.S., European ancestry, hard work, assimilation, English, U.S. citizenship) differed by political party members.

Memory I

Sat 10:30AM - 12:20PM Salon 10
Moderator: Sasha Cervantes, Governors State University

10:30 Do True/False Quizzes Produce a Testing Effect?
Oyku Uner, Washington University in St. Louis; Eylul Tekin, Washington University In St Louis; Henry L. Roediger, Washington University in St. Louis
Testing is a powerful learning tool, but do true/false quizzes enhance retention as other test formats do? In two experiments, we compared the delayed test performance of students who had reread key statements, took true/false quizzes, or took the same quizzes while correcting false statements. No benefit from testing occurred.

10:45 High-stakes exams offer formative evaluation of category-level knowledge
Michelle Rivers, Kent State University; John Dunlosky, Kent State University; Robin Joynes, Kent State University
Students in a large Introductory Psychology course were asked to predict and postdict their category-level exam performance across three exams. Students’ prediction accuracy was poor, and their postdiction accuracy improved only slightly. Future research should attempt to improve the accuracy of these judgments in the classroom.

11:00 Influences of Expertise on Segmentation and Memory
Kimberly Newberry, Kansas State University; Heather Bailey, Kansas State University
The current study evaluated whether experts’ superior memory for events within their field of expertise is due to better segmentation ability. Basketball

experts and novices segmented basketball and Overwatch videos, then completed memory measures. Experts and novices differed in their segmentation ability; however, segmentation ability only predicted memory for novices.

11:15 Lineup Instructions: The Four Utilities and Deviation from Perfect Performance

James Lampinen, University of Arkansas; Brittany Race, University of Arkansas; Paulie Phillips, University of Arkansas; Alex Wolf, University of Arkansas; Andrew Smith, Carleton University

We examine the effects of different lineup instructions on identification accuracy using new measures based on expected utility analyses. Results show generally accepted pre-lineup instructions produce higher expected utility under assumptions of low base rates or high costs of misidentifications.

11:30 Does Odor Memory Reflect Novelty Detection?

Leslie Cameron, Carthage College

Three experiments test a new theory of odor memory that purports that the large number of familiar odors that we encounter daily provide us with a general feeling of familiarity without engaging conscious cognitive resources per se. Thus, odor memory actually reflects novelty detection.

Social Judgment and Decision Making

Sat 10:30AM - 12:20PM Salon 6/7
Moderator: Allison Earl, University of Michigan

10:30 The Role of Expert Testimony on Perceptions of Children's Suggestibility

Kristina Todorovic, University of Toledo; Judith Platania, Roger Williams University

In a 2 x 2 design we examined perceptions of child suggestibility as a function of expert testimony by manipulating the Initiator of Disclosure and Mother's Questioning in Expert Testimony. Results revealed that participants were more likely to believe the allegations and rate the defendant culpable regardless of condition.

10:45 Effects and Sustainability of General Action and Inaction Rules

Wenhao Dai, University of Illinois Urbana-Champaign; Dolores Albarracin, University of Illinois

Two experiments (using a multiple-target GNG paradigm) showed that developing a general inaction rule is more beneficial than developing a general action rule. Specifically, the general inaction rule leads to fewer behavioral mistakes (including both misses and false alarms) and is more resistant to environmental pressures, such as disconfirming experience.

11:00 Endorsing Default Options as a Function of Decision Relevance

Benjamin White, University of Illinois at Urbana-Champaign; Duo Jiang, Analysis Group, Inc.; Dolores Albarracin, University of Illinois

Pre-selected default options may improve decision-making outcomes. We assessed whether different defaults were more effective based on the personal relevance of the decision. Comparing opt-in to opt-out defaults, opt-out defaults were more effective for low relevance decisions and opt-in defaults were more effective for high relevance decisions.

11:15 Police and Civilian Assessments of Social Institutions

Jon Hook, Western Michigan University; David Nalbone, Purdue University Northwest

We administered police officers and civilians a series of questionnaires to gauge their beliefs about social institutions. Our results reveal several ways which police and civilians differ in their views toward social institutions as well as one another. Implications of police beliefs on behavior were explored.

11:30 Explicit and Implicit Biases in Jury Decision-Making

Mike Morrison, King's University College at the University of Western Ontario; Alison Croke, Carleton University; Curtis Phills, University of North Florida

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.

11:45 White Identity's Effect on Political Preference Is Ideological Not Racial

(Max) Hui Bai, University of Minnesota

Three experiments (N=1902) show that the effect of White identity on political preferences is ideological, not identity-based (i.e., race, religion and party). Therefore, current studies suggest the effect of White’s racial identity is better explained by the framework of system justification theory more than social identity theory.

Gender and Everyday Experiences

Sat 10:30AM - 12:20PM Salon 5/8
Moderator: Kala J. Melchiori, James Madison University

10:30 Gender and interest in leadership: The role of community constrained decisions

Megan McCarty, Amherst College
A series of studies provides evidence that communion, other-focused values such as kindness and helpfulness, is a barrier to women's leadership attainment. People high in communion (often women) find low communion work environments particularly aversive, and can be motivated to avoid these environments even if it means forgoing leadership opportunities.

11:00 Acute Power Unleashes Nonsexist People to Harass

Tuyen Dinh, IUPUI; Margaret Stockdale, Indiana University-Purdue University Indianapolis; Declan Gilmer, University of Connecticut
This study examined the effects of self-focused and other-focused power priming on the likelihood to sexually harass (LSH) through feeling states, moderated by ambivalent sexism. Whereas ambivalent sexism directly affected sexy and communal feelings, which increased LSH; power priming catalyzed these effects for less-sexist individuals.

11:15 Daily Sexism and Reactivity among Women in Male-Dominated Majors

Katie Lawson, Ball State University
This study utilized experience sampling methodology to better understand daily experiences of sexism among women in male-dominated majors (MDMs). Results indicated that women in MDMs did not experience more sexist events, but they were more reactive to sexism, compared to control groups (men in MDMs and women in gender-neutral majors).

11:30 Eye-tracking as an Incremental Predictor of Sexist Behaviors

Sarah Gentry, Southern Illinois University Edwardsville; Mackenzie Harrison, Southern Illinois University Edwardsville; Isabella Divine, Southern Illinois University Edwardsville; Adira Romanoff, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville
Men ($N = 91$) viewed images of women as their gaze fixations were tracked and they then rated the images on likability and hirability. Ratings of likability (positively) and hirability (negatively) were correlated with self-

reported sexism and location of gaze fixation. Gaze fixation predicted incrementally beyond self-reported sexism.

11:45 Are Males Overrepresented in 21st-Century Children's Books? Author Sex Matters

Claire Etaugh, Bradley University; Timothy D. Acker, Bradley University; Alexis R. Dockman, Bradley University; Valerie Q. Glossop, Bradley University; Amber Kriho, Bradley University; Samantha J. Lechowicz, Bradley University; Kerri Predovich, Bradley University; Hannah Snidman, Bradley University

We analyzed 21st-century picture books, examining whether males were overrepresented, as they were in 20th-century books. Male authors overrepresented males in titles and as central characters, especially for human adults and animals. Female authors portrayed females and males equally in titles and as central human characters, while overrepresenting female animals.

12:00 Online Learning Communities Influence Attitudes toward 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 seeks in part to promote more positive attitudes toward science and technology (S&T), particularly among under-represented groups such as women and minorities using Net-generation-appropriate online learning communities.

Alcohol and Substance Use

Sat 10:30AM - 12:20PM Salon 1
Moderator: Dalia Bunni, Eastern Illinois University

10:30 Understanding alcohol reward in social context

Catharine Fairbairn, University of Illinois

Alcohol has powerful mood enhancing properties, and researchers have long been interested in examining alcohol's emotional rewards in a laboratory setting. But while most alcohol consumption outside the laboratory occurs in social environments, few laboratory studies have examined alcohol's effects on mood in a social context. I will present a program of work supporting the premise that a consideration of social context is critical to understanding alcohol reward and problematic drinking.

11:00 Sexual Orientation Predicts Increased Substance Use to Attenuate Distress

Kayla Scamaldo, Cleveland State University; Skye Napolitano, Cleveland State University; Angela Bush, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

This study aimed to examine whether sexual orientation increases an individual’s risk to use substances as a coping strategy. Differences by group were observed, individuals who identified as bisexual were more likely to endorse using substances as a coping strategy compared to their peers who identified as heterosexual or homosexual.

11:15 Maladaptive and Substance Use Emotion Regulation Predicting Problematic Substance Use

Courtney Dunn, Cleveland State University; Kayla Scamaldo, Cleveland State University; Steven Sisk, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Substance use is one form of maladaptive emotion regulation (ER) that has evidenced increased risk for substance use disorders. We examined the predictive value substance use coping for alcohol and drug problems relative to other maladaptive ER responses; substance use coping uniquely predicted alcohol- and drug-related outcomes.

11:30 Depression Uniquely Predicts Using Substances to Cope

Courtney Dunn, Cleveland State University; Angela Bush, Cleveland State University; Skye Napolitano, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

As using substances to regulation emotions predicts problematic use, identifying risk factors for substance use coping (SUC) has clinical implications. We investigated risk-factors for substance use coping, including sex, SES, maladaptive emotion regulation responses, and depression history, finding unique support for previous depression diagnosis as a predictor of SUC.

Invited Workshop

Meta-Analysis Small and Large

Blakeley B. McShane,
Kellogg School of Management, Northwestern University
b-mcshane@kellogg.northwestern.edu

Sat. 10:30AM – 12:20PM Salon 2

We show how to conduct meta-analyses on both the small scale (few studies from one or few papers; one DV) and the large (many studies from many papers; multiple DVs) using recent advances and easy-to-use websites. Ample time will be provided for Q&A.

MPA Invited Presidential Address

Habit Persistence

Wendy Wood, University of Southern California
wendy.wood@usc.edu

Sat. 10:30AM – 12:20PM Adams
Moderator: *TBD*

Persistence is required to achieve many life goals, including health, productivity, and good relationships. In this talk, I argue that habits contribute importantly to such persistence, and I identify the cognitive mechanisms underlying this effect. By understanding these mechanics, we can help people to more effectively achieve long-term goals.

Cognition and Language

Sat 12:30PM - 2:20PM Salon 12
Moderator: Ashley Vaughn, Miami University

12:30 Contagious use of intonational punctuation in pseudo-text messaging context

Jennfier Roche, Kent State University
Emotional intentionality may be communicated through the use of typographical markers (e.g., #@!) and emoticons (e.g., :-)) in text based communication. In this study, we show that participants' sensitivity to punctuation, when used to imply intonation, is sometimes contagious (i.e., emotionally) and may promote conversational adaptation.

1:00 Cross-cultural Differences in the Use of Emoticon and Emoji

Tania Morales, Ball State University; LaCount Togans, Miami University; Gyeongnan Kwon, Ball State University; Thomas Holtgraves, Ball State University
We examined cross-cultural differences in the use of emoticons and emoji when texting with a face management and politeness theory framework. Collectivists used more emoticons and emoji in face-threatening situations than did individualists. This study demonstrates that cultural differences in face-work also occur in computer-mediated-communication.

1:15 Distant Connectivity in three 5000-word Semantic Networks in English

Abhilasha Kumar, Washington University in St Louis; David Balota, Washington University in St Louis; Mark Steyvers, University of California, Irvine
Kenett, Levi, Anaki and Faust (2017) reported a quadratic relationship between path length from a Hebrew network and response latencies to make relatedness judgments. We replicate their findings in a 5000-word English network. Across three experiments, we also show that simple association network path lengths can capture distant semantic relationships.

1:30 Verbal Intelligence and Humor Preference

Gabrielle Lewis, Lindenwood University-Belleville; Trisha Prunty, Lindenwood University - Belleville
Verbal reasoning skills may indicate the ability to understand and appreciate sexually nuanced jokes. However, it is possible that humor preference is dominated by personality factors or other cognitive functions. This study

determined that it is likely that gender plays a key role in how sexual jokes are perceived.

1:45 Establishing and Assessing Credibility in a Citation Refutation Text

Ashley Vaughn, Miami University

The purpose of this study was to determine the effectiveness a refutational text with citations on attitude and knowledge of influenza and vaccinations via a convergent parallel mixed methods design. The findings suggest it is important to consider the effectiveness of citations to establish credibility and employ citation texts for conceptual

2:00 Are There Individual Differences in Learning Homophones During Silent Reading?

Megan Deibel, Kent State University; Jocelyn Folk, Kent State University

This study investigated how individual differences in lexical expertise influence the incidental learning of novel homophones during reading. Participants read sentences containing novel homophones and nonhomophones while their eye-movements were monitored. Although there were no differences in reading measures, novel nonhomophones were better learned than novel homophones regardless of expertise.

Symposium

Transgender and Racial Microaggressions

Sat. 12:30PM-2:20PM Salon 3

Organizer: Eros DeSouza, Illinois State University

This symposium examines microaggressions among stigmatized individuals: US transgender individuals and Afro-Brazilians. The premise is that microaggression is a threat to the basic psychological need to belong (Baumeister & Leary, 1995). The first speaker will focus on the quantitative findings from two experiments that used a recall paradigm to study transgender microaggression with community samples of transgender individuals in the US. The second speaker will focus on the qualitative findings from the narratives of participants from the same experiments. The goal was to code the narratives according to 13 transgender microaggression themes previously identified in the literature in order to identify what types of transgender microaggression experiences occur most frequently. The third speaker will discuss the experiences of racial microaggressions across two regions of Brazil utilizing a qualitative focus group methodology that is frequently employed in the United States. The goal was to analyze the transcripts of the two focus groups with Afro-Brazilians to shed light on whether there would be similarities to racial microaggression categories previously identified by Nadal (2011) in the US. The three studies suggest commonalities between the effects of social exclusion and micro-aggressions, which may assist with the operationalization of the construct of microaggression itself, which lacks clarity according to some critics (Lilienfeld, 2017; Wong, Derthick, David, Saw, & Okazaki, 2014). Critics also suggest that the microaggression literature needs experimental manipulations to solidify its claims about microaggression causing psychological harm. The paradigm used in the first study offers one potential avenue for future experimental research, and the focus group data suggest other potential operationalizations for future paradigms.

Microaggressions against Transgender Individuals as a Form of Social Exclusion

Eric D. Wesselmann, Eros R. Desouza, Stephanie AuBuchon, Cadense Bebel, & Leandra Parris (Illinois State University)

Investigating Microaggressions Themes that Transgender Individuals Experience

Stephanie AuBuchon, Eros R. Desouza, Eric D. Wesselmann, Cadense Bebel, & Leandra Parris (Illinois State University)

Racial Microaggressions among Afro-Brazilians

Eros R. Desouza(1), Eric D. Wesselmann(1), Leonidas R. Taschetto(2), Gabriel C. Rosa(2), Carla F. F. Rosa(3), Maria-Angela M. Yunes(4), Gilberto F. Da Silva(2) & Grazielli Fernandes(2); (1)Illinois State University, Normal, IL, USA; (2) Universidade LaSalle, Canoas, RS, Bra

Symposium

Discrimination and Mental Health Among University Students of Color

Sat. 12:30PM-2:20PM Salon 2
Organizer: Lucas Torres, Marquette University

Recent events in the United States have put racial/ethnic discrimination and sexism at the epicenter of local and national discourse particularly in regards to structural inequities and health disparities. Racial/ethnic discrimination and sexism have been implicated as significant stressors with marked physical and psychological consequences (Swim et al., 2001; Williams & Mohammed, 2009). Ethnic discrimination and sexism can have particularly damaging consequences for emerging adults, particularly university students of color in predominantly White institutions (PWIs). Empirical research with students of color has indicated that ethnic discrimination is associated with negative affect, increase sense of discomfort, social isolation and exclusion, and a hostile campus climate (Solarzano et al., 2007). College women have reported common everyday sexist incidents including experiencing one to two impactful events per week such as propagation of traditional gender role stereotypes, degrading comments, and sexual objectification (Swim et al., 2001). Given these previous findings and current sociopolitical climate, it is important to examine discrimination in relation to psychological well-being among university students of color. The current symposium will present research findings from samples of university students of color at a PWI to sought to examine the consequences associated with discrimination. The first presentation describes a mixed-methods study examining ethnic discrimination and sexism among students of color. That is, this study builds on qualitative findings regarding students' perceptions of future racism and sexism to inform quantitative data about participants' current well-being and mental health. The second presentation will focus on the role of social media in the experiences of discrimination among university students. Social activism will also be explored as a function of increased discrimination. Finally, the third presentation will present quantitative findings examining the link between sexism and mental health, including the ability of traumatic stress to mediate this relationship.

Ethnic discrimination and sexism: A mixed-methods study

Linamarie Justiniano, Marquette University; Ciara Palmer, Marquette University; Felicia Mata-Greve, Marquette University; Lucas Torres, Marquette University

Discrimination, Social Media, and Social Activism
Julia Pawlowski, Marquette University; Jaclyn Pachicano, Marquette University; Lucas Torres, Marquette University

Sexism, traumatic Stress, and mental health: A mediational model
Jennifer Orta, Marquette University; Lucas Torres, Marquette University

Clinical and Developmental Poster Session II

Sat 12:30PM - 2:20PM Upper Exhibit Hall

1 Anxiety and Depression: The Mediating Role of Mindfulness
Kaitlyn Johnson, Central College; Keith Jones, Central College
The current study found that mindfulness was a significant mediator between both state and trait anxiety and depression. In particular, mindfulness was negatively related to both types of anxiety and depression. The usefulness of mindfulness in clinical contexts will be discussed.

2 Predictors of Outcomes in a Classroom-Based Sexual Education Program
Shanna Riley, Bowling Green State University; Hannah Koerten, Bowling Green State University; Eric Dubow, Bowling Green State University
This study examined parent and peer influences on sexual education program outcomes. Peer opinions about sex, but not parent communication, predicted use of refusal skills, and approached significance predicting confidence using safe sex skills. These findings suggest that student sexual behavior may be more influenced by peers than by parents.

3 U.S. Adolescents' Views of the Ideal Person
Trevor Sooy, Hope College; Ashley Stengenga, Hope College; Katelyn Poelker, Hope College
We investigated U.S. adolescents’ ideal person by exploring their values and future aspirations, in light of their cultural context. Our data corroborated past

findings from studies that employed the ideal person paradigm, showing that kindness and honesty is the most valued trait in adolescents' ideal person.

4 Disordered Eating Symptoms are Differentially Associated with Reward/Punishment Sensitivity

Veronica Szpak, Loyola University Chicago; Amy Heard Egbert, Loyola University Chicago; Laura Nicholson, Loyola University Chicago; Amy Bohnert, Loyola University Chicago

Individuals with eating disorders display heightened sensitivity to reward and punishment, but less is known about how body dissatisfaction and dietary restraint influence that relation. Results from the current study indicated that while dietary restraint is associated with sensitivity to reward, body dissatisfaction is associated with sensitivity to punishment.

5 Worried about this Post? How Bullying Influences Mental Distress

Keeley Hynes, Illinois State University; Leandra Parris, Illinois State University; Daniel Lannin, Illinois State University; Ani Yazedjian, Illinois State University; Maayan Dvir, Illinois State University

This study developed and examined a new social-media rumination scale, and found that social-media rumination is a mediating process through which face-to-face bullying may influence mental distress. Future research may continue to validate this scale, and examine how adolescents differentiate (or not) their face-to-face and online experiences.

6 Predicting Online Mental Health Information-Seeking among At-Risk Youth

Shannen Sutherland, Illinois State University; Daniel Lannin, Illinois State University; Leandra Parris, Illinois State University; Ani Yazedjian, Illinois State University; Maayan Dvir, Illinois State University

The present study found that distress was a positive predictor of decisions to seek online mental health information; however, contrary to expectations, self-stigma was not predictive. It is possible that other factors besides self-stigma may constitute help-seeking barriers, suggesting the need for additional research within this population.

7 Social Status Insecurity and Behavioral Outcomes: Gender and Ethnicity Moderations

Mingqi Li, DePaul University; Yan Li, DePaul University; Michelle Wright, Pennsylvania State University

This study aims to examine the ethnicity and gender moderations in the associations between social status insecurity and various self-report and peernominated outcomes in peer relationships. Results from hierarchical regression analyses indicated that both ethnicity and gender were significant moderators.

8 After School Programs: Focus on Drug Use Reduction in Youth

Magda Collazo, Cleveland State University; Elizabeth Goncy, Cleveland State University

The purpose of this study is to identify which types of after school programs differentially highlight drug use reduction and whether this differs by programs that target different ethnic backgrounds. For youth programs focused on Latino/a youth, all reported drug use reduction, other ethnic minority populations had mixed results.

9 The Role of Anxiety Control and Mindfulness in Sports Anxiety

Emily Roemhild, University of Toledo

We examined perceived internal anxiety control and mindfulness as unique predictors of sports anxiety amongst child and adolescent female athletes. Findings indicated that higher levels of each variable uniquely predict lower sports anxiety, suggesting the importance of considering both mindfulness and perceived internal control of anxiety in youth sports anxiety.

10 Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder: Token Economy

Sarah Ciombor, Carthage College

C.E. is eight-year old male with a complex comorbid diagnosis of ASD and ADHD. A token economy was implemented with a desirable reward and tokens. The intervention decreased numerous unwanted behaviors. While the client responded well to the intervention, the need to increase academic and social skills are still relevant goals.

11 Talking with Children About Play

Nicole R. Rivera, North Central College; Nancy Renteria, North Central College

Developmentally appropriate play supports healthy development, but few studies directly ask children about play. 100 children ages 4-10 were recruited from a children’s museum to be interviewed about play and learning. The children expressed play preferences, descriptions of play, and perceptions of the value of play to support their learning.

12 Do Boys and Girls Play with Gender-Typed Toys Differently?

Erica Weisgram, University of Wisconsin Stevens Point; Holly Erpenbach,

University of Wisconsin-Stevens Point; Kaitlan Kilgore, University of Wisconsin-Stevens Point; Ashley Hock, University of Wisconsin-Stevens Point; Natalie Romo, University of Wisconsin-Stevens Point
In this study, we examined whether boys and girls exhibit different play styles with gender-typed toys and children's interest in gender-typed toys. We found that children engage in more rough-and-tumble play with masculine toys than feminine toys that are matched on several characteristics. Interest levels did not differ by gender.

13 Gender Depictions in Children’s Toy Advertising: A Content Analysis

Erica Weisgram, University of Wisconsin Stevens Point; Holly Erpenbach, University of Wisconsin-Stevens Point; Ashley Hock, University of Wisconsin-Stevens Point; Natalie Romo, University of Wisconsin-Stevens Point; Kaitlan Kilgore, University of Wisconsin-Stevens Point
Gender distributions of children depicted in advertisments were examined via content analysis. Results indicate that boys were more often pictured than girls for toy vehicles, toy weapons, and girls were more often pictured than boys for animal toys, and domestic toys. Gender stereotypes of toys will be discussed.

14 The Relationship Between Age, Overprotection, Perceived Control, and Child Anxiety

Shannon Manley, University of Toledo; Sarah Francis, University of Toledo
Relationships between child age, perceived parent overprotection (PPO), perceived control of anxiety (PCA), and child anxiety (CA) were examined in a nonclinical sample aged 8 to 15. Consistent with previous findings, PCA mediated the relationship between PPO and CA, and age did not have an effect on the model.

15 Let’s Hear it For the Boys? Male Caregivers in Daycare

Noam Shpancer, Otterbein University; Jessica Fannin; William Hove; Mariel Montgomery; Kathleen Rosneck, Otterbein University; Jordan Rush; Maya Venkataraman
Daycare center caregivers and directors were interviewed about the absence of male caregivers in daycare. Interviews were analyzed qualitatively for emerging themes. Three themes emerged: 1. The problem of low pay; 2. The problem of gender stereotypes; 3. Male caregivers could help children by providing positive role models.

16 The Development of Suspicion of Whites Motives

Christina Fitzpatrick, Miami University; Katherine Swerbenski, Miami

University; Jonathan Kunstman, Miami University
African Americans show suspicions about whether Whites are internally or externally motivated, such as motivated by egalitarian beliefs or a fear of looking prejudiced, to act in non-prejudiced ways. The current study suggests that African Americans racial socialization experiences in childhood are related to higher levels of suspicion in adulthood.

17 Play Behavior and Gender Socialization: Do Siblings Matter?

Veronica Johnson, Morningside College; Abigail Fitzgerald, Morningside College; Alisia Woodward, Morningside College; Jessica Pleuss, Morningside College
Having a sibling can affect a child in many ways. This study examined whether having siblings was linked with cognitively advanced play and time spent playing with gender typed toys. We also examined whether parental disapproval of other-gender activities varies based on whether opposite-gendered siblings were in the family.

18 The Relationship Between Maternal Warmth and Self-Esteem in Preschoolers

Emily Pali, Southern Illinois University - Carbondale; Emma Diaz, Southern Illinois University Carbondale; Matt Jamnik, Southern Illinois University Carbondale; Riley Marshall, Southern Illinois University Carbondale; Lisabeth F. DiLalla, Southern Illinois University, Carbondale
The relationship between parental warmth and child self-esteem was investigated. Children whose parents decreased in warmth from age 3 to age 4 had lower self-esteem at age 5 than children whose parents increased in warmth. These results suggest that consistent parental warmth is important for children’s self-esteem.

19 Bidirectional Associations Between Children's Self-Regulation and Parenting: An Immigrant Study

Zahra Naqi, Loyola University Chicago; Kelsey Johnson-Davis, Loyola University Chicago; Anna Sroka, Loyola University Chicago; Rachel Rolseth, Loyola University Chicago; Jasmine Shughoury, Loyola University Chicago; Jinyoung Koh, Loyola University Chicago; Christine Li-Grining, Loyola University Chicago
This research examines linkages among preschoolers’ self-regulation, parenting styles, and cultural identity among immigrants. Participants reside in low-income Chicago neighborhoods that reflect ethnic diversity. Children’s earlier self-control was found to be associated with parents’ later reports of

their caregiving style. The possible role of parents' ethnic identity will be discussed.

20 Executive Functioning Differences Between Children Diagnosed with Different ADHD Presentations

P. Douglas Callan, Michigan School of Psychology; Dustin Shepler, Michigan School of Psychology; Michelle Justice, Michigan School of Professional Psychology; Charles Oliver, Michigan School of Psychology; Christopher Corbin, Michigan School of Psychology; Kevin Johnson, Michigan School of Psychology

Analysis of clinical data indicated that children diagnosed with ADHD inattentive presentation performed differently than children diagnosed with ADHD hyperactive or combined presentation. Results indicate that WISC-V WMI,CPT3, and mother's ratings on the Conners 3 Hyperactivity/Impulsivity scale may be useful in differential diagnosis of ADHD presentations.

21 Non-Traditional Use of Actigraph to Record Lateral Neuromotor Movements

Leanne Mordan, Illinois State University; Julie Campbell, Illinois State University; Duangporn Pattanakul, Illinois State University

This project investigates the relationship between arm movements and infant supine head orientation preference using actigraphs; traditionally used during sleep studies. Actigraph data was useful for detecting a difference in the number of lateral movements performed between the left and right arm at 4, 8, and 12 weeks of age.

22 BASC-3 Teacher Rating Scales Factor Structure: Independent Hierarchical EFA

Gary L. Canivez, Eastern Illinois University; Nate von der Embse, University of South Florida; Ryan McGill, The College of William & Mary

The BASC-3 Teacher Rating Scales standardization samples (Preschool, Child, Adolescent) latent factor structures were independently examined using best practices in EFA with correlation matrices from the Manual. Oblique first-order and higher-order/hierarchical solutions are explicated. EFA found general support for most subscale associations to theoretical factors and variance apportions are discussed.

23 Child Externalizing Behavior and Inconsistent Discipline: Stress as a Mediator

Elizabeth Corning, Northern Illinois University; Elizabeth C. Shelleby, Northern Illinois University; Samantha Awada, Northern Illinois University;

Demy Alfonso, Northern Illinois University
This study investigated the longitudinal associations between two dimensions of child externalizing behavior (i.e., conduct problems and hyperactivity) and inconsistent discipline outcomes, and explored whether parenting stress mediated these associations. Analyses revealed significant indirect effects of both conduct problems and hyperactivity on inconsistent discipline operating through maternal stress.

24 Sex Differences in Adult ADHD Symptomology

Anna Garner, University of Northern Iowa; Helena Alacha, University of Iowa; Alivia Zubrod, University; Zachary Meehan, University of Northern Iowa; Judah Serrano, University of Wyoming; Erik Willcutt, University of Colorado Boulder; Will Canu, Appalachian State University; Cynthia Hartung, University of Wyoming; Elizabeth Lefler, University of Northern Iowa
We examined differences by biological sex, as well as self-endorsement of prior diagnosis of ADHD as predictors of group differences in current symptomatology. Significant sex by past diagnosis interactions were found for inattention, hyperactivity/impulsivity, and total symptoms. The results indicate that women with a past diagnosis experience more current symptoms.

25 Individual ADHD Symptoms as Predictors of Impairment in College Students

Helena Alacha, University of Iowa; Anna Garner, University of Northern Iowa; Judah Serrano, University of Wyoming; Will Canu, Appalachian State University; Erik Willcutt, University of Colorado Boulder; Cynthia Hartung, University of Wyoming; Elizabeth Lefler, University of Northern Iowa
We examined how individual ADHD symptoms differentially predict impairment in various areas of daily functioning. College students (n = 2,106) completed self-report scales of ADHD symptoms and impairment (WFIRS; Weiss, 2000) as part of larger online survey. The *DSM-5* ADHD items predicted impairment in both ADHD and non-ADHD groups.

26 Parenting During Childhood on Adolescent Social Engagement

Cassandra Gonzalez, Murray State University; Esther Malm, Murray state University
Over 3,000 mother-child secondary data were examined to assess the influence of aggravation in parenting on the relationship between maternal involvement and social engagement, regardless of mother education and family structure. Although no moderating effect detected, maternal

involvement and family structure significantly predicted later social engagement. Clinical implications are discussed.

27 Fear of Evaluation Across Evaluative Situations in Middle Schoolers

Leslie Wade, Eastern Illinois University; Wesley Allan, Eastern Illinois University

Social anxiety is associated with fear of negative evaluation (FNE) and fear of positive evaluation (FPE) in adults. We examine these relationships in middle high schoolers as well as whether test anxiety is related to FNE and FPE in this population.

28 Social Support, Gender, and Income Impact Maltreated Children's Social Competency

Jessica Capretto, Tennessee State University

The present study examines social competency trajectories over time in a group of maltreated children. Participants included 871 maltreated children who completed social competency measures at ages 8, 10, 12, and 14. Results suggest that social support, child gender, and family income impact social competency adjustment and maladjustment over time.

29 Detecting Depressive Symptoms Following Trauma: Exploring Emotional Suppression and 2-AG

Francesca Caparas, Medical College of Wisconsin; Marielle Samii, Medical College of Wisconsin; Jill Finnel, Marquette University

Post-traumatic stress symptoms are often associated as a hallmark characteristics of later risk towards the development of post-traumatic stress disorder (PTSD) and major depression. Neurobiologically, endocannabinoids serve as a potential biomarker. The present poster seeks to explore the relationship that emotional suppression has with endocannabinoid 2-AG and depression.

30 The Impact of Child Maltreatment on Mindfulness

Nicole LaPlena, Miami University; Selime Salim, Miami University; Prachi Bhuptani, Miami University; Terri Messman-Moore, Miami University

We examined whether child maltreatment severity impacted mindfulness for adult survivors. Child maltreatment did not have a significant effect on two facets of mindfulness: mindful observing and non-reactivity to inner experience. Overall, results suggest that child maltreatment, not maltreatment severity, is associated with mindfulness.

31 PTSD Symptoms, Suicide Exposure, Acquired Capability and Self-Rated Suicidal Likelihood for Emergenc

Kristy Keefe, Western Illinois University; Shahera Ranjha, Western Illinois University; Ronald Morgan, Mississippi Gulf Coast Community College

37% of Emergency Medical Personnel (EMP) contemplated suicide 10 times more. Joiner's interpersonal theory of suicide was used. Measurement of suicidal likelihood and depersonalization have not been assessed for all EMPs. A survey of 878 participants identified PTSD symptoms, suicide exposure, and depersonalization as predictors of suicidal likelihood for EMP.

32 The Relationship Between Child Maltreatment, Emotional Self-Regulation, and Psychopathology

Tiffany Ludkin, Eastern Michigan University; Dean Lauterbach, Eastern Michigan University; Jamie Lawler, Eastern Michigan University

The current study tested whether the relationship between child maltreatment (birth to 8 years) and PTSD (age 18) was mediated by self-regulation (age 12). Maltreatment was predictive of self-regulation and self-regulation was predictive of most trauma-related symptoms. Additional findings will be presented that indexed maltreatment severity using the Maximum-Severity-by-Type approach.

33 Victim's Sex and Trauma Experienced Impact Attitudes Towards Victim

Amanda ElBassiouny, California Lutheran University; Lizzie Griffith, Spring Hill College

The current study sought to determine how the victim's sex and trauma type experienced influenced people's attitudes and emotional responses towards the victim. Results revealed that attitudes and negative emotions towards victims of trauma are differentially impacted by the sex of the victim and the type of trauma they experienced.

34 Childhood Abuse and Symptom Severity in Anorexia Nervosa

Annie Herman, DePaul University; Joanna Buscemi, DePaul University; Jennifer Wildes, The University of Chicago

Childhood abuse may worsen anorexia nervosa (AN) symptoms. Amongst patients with AN (*n*=190), emotional and sexual abuse severity predicted eating disorder symptom severity at baseline (2-weeks following admission) and follow-up (12-months following discharge). Thus, individuals with AN and a history of emotional or sexual abuse may benefit from trauma-specific interventions.

35 The Relationship Between Maltreatment and Self-Regulation Trajectories: A Multimethod Approach

Grayson Sturgis, Eastern Michigan University; Dean Lauterbach, Eastern Michigan University

This study examined trajectories of self-regulation using growth mixture modeling and tested the relationship between child maltreatment and trajectory group membership, growth parameters, and group formation. Tests of growth models supported a 4-class solution (good, poor, improving, and worsening) and more frequent maltreatment allegations predicted membership in the worsening group.

36 How Traumatic Life Experiences Affect Access to Decent Work

Matthew Kessler, University of Wisconsin-Milwaukee; Matthew Carbonelli, University of Wisconsin - Milwaukee; Matthew Reiland, University of Wisconsin - Milwaukee; Nadya Fouad, University of Wisconsin--Milwaukee

This study uses the Psychology of Work Theory (PWT) to examine the relationship of PTSD to decent work. This study analyzes information collected from 126 participants. Results are hypothesized to show a relationship between PTSD symptoms and decent work. Implications are discussed in relation to PWT model and clinical practice.

37 Implementation of Trauma Treatment by Real World Providers

Tanya Cass, University of Wisconsin Milwaukee; Samantha Everhart, University of Wisconsin - Milwaukee

Mental health providers may implement a variety of evidence-based or other treatments for trauma-related conditions. Our qualitative study explored provider experiences of implementing trauma treatments across various clinical settings. Findings indicated that trauma professionals typically combine EBTs and other techniques from multiple theoretical orientations rather than practicing with manualized treatments.

38 Understanding Burnout and Depression in College Students

Kaitlin Henning, Southern Illinois University Edwardsville; Ashley Kernan, Southern Illinois University Edwardsville; Eunyoe Ro, Southern Illinois University Edwardsville

We examined the associations among burnout scales to determine its factor structure, and analyzed the factor's relations with depressive symptoms, personality/affect, and social functioning. We found strong relations between a single burnout factor and components of depression/affect/ personality; however, burnout did not correlate with social functioning unlike depressive symptoms did.

39 Alleviating Depressive Symptoms through Mindset

Rick Ingram, University of Kansas; Kendall Kohnle, University of Kansas

Does mindset facilitate the antidepressant effects of exercise? The experimental group was informed that their daily activities would decrease depressive symptoms. Results indicated a significant difference between the depression scores over time, $F(1,113)=4.80$, $p=.03$. Altering mindset accelerated a decrease in depressive symptoms.

40 Factors of Self-Harm: Passive and Deliberate Behaviors

Sydney Hayden, Murray State University; Laura Liljequist, Murray State University

This study sought to identify possible subtypes of self-harm behaviors, hypothesizing a possible distinction between passive self-harm and deliberate self-harm by using previously established self-harm scales. Undergraduate students completed four established self-harm measures. Additional participants will be recruited to attempt to increase the number of participants who exhibit self-harm behaviors.

41 Moderating Effects of Attachment Between Child Sexual Abuse and BPD

Febrian Moten, Illinois State University; Suejung Han, Illinois State University

This study investigates moderating effects of attachment and parental boding on the relation between child sexual abuse (CSA) and Borderline Personality features. Parental attachment and bonding did not moderate but mediate the association between CSA and BPD features. However, father attachment was found to be a significant buffer against CSA.

42 Affectivity in BPD and Emotion Regulation: Subjective and Physiological Outcomes

Keri Stewart, Cleveland State University; Arishna Agarwal, Cleveland State University; Kayla Weglicki, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Emotion regulation (ER) was tested as a mechanism by which those with elevated Borderline Personality Disorder (BPD) symptoms experience affective hyper-reactivity (AHR) across subjective and physiological levels. BPD symptoms predicted AHR to an interpersonal stressor, and ER differentially mediated the relationship between BPD and AHR across subjective and physiological levels.

43 Teacher Burnout and Teacher Mindfulness within a School-based Mindfulness Program

Susan Doyle, The University of Toledo; Sarah Francis, University of Toledo; Wesley A. Bullock, University of Toledo

This study hypothesized that teacher burnout would decrease, and mindfulness increase, after mindfulness professional development sessions. Results suggest that although differences between teachers in experimental/waitlist control classrooms were not large, experimental teachers demonstrated a small increase in mindfulness, whereas waitlist control group teachers experienced a small decrease in mindfulness.

44 Developing a Culturally-Tailored Mindfulness Course for Students in Urban Environments

Veronica Womack, Northwestern University Feinberg School of Medicine; Sherri Seyfried, Chicago State University; Lindsay Bicknell-Hentges, Chicago State University

A culturally-tailored mindfulness course was developed for Psychology and Social Work students attending a predominantly Black institution (PBI) that improved the total mindfulness, ‘mindful description’ and ‘mindful non-reaction’ scores of the pilot sample. Course cultural modifications included the incorporation of discussions on spirituality, religion, and the health benefits of mindfulness.

45 A Psychometric Evaluation of the Mindful Self-Care Scale

Esther Estey, State University of New York at Buffalo; Michael Kozlowski, University of Wisconsin--Milwaukee; Catherine Cook-Cottone, State University of New York at Buffalo; Wendy Guyker, State University of New York at Buffalo

This present study evaluates the Mindful Self-Care Scale (MSCS) from the perspective of item response theory. The graded response model is applied to assess parameters across response categories yielding more information than construct level approaches about the specific level of engagment in a given mindful self-care practice.

46 Moderators of the Association Between Dietary Restraint and Compulsive Exercise

Emily Ferrell, Bowling Green State University; Abby Braden, Bowling Green State University

Compulsive Exercise is a feature of multiple eating disorders. Restrained dieters are at risk for engaging in compulsive exercise, poor emotion regulation skills, and depressive symptoms. The current study found that the relationship between dietary restraint and compulsive exercise was strengthened by less depressive symptoms and poorer emotion regulation abilities.

47 Body Objectification, Body Dissatisfaction, and Disordered Eating

Michaela Lillie, Central College; Keith Jones, Central College

Body objectification, body dissatisfaction, and disordered eating create negative consequences that affect the health of all, specifically women. The present study revealed that, although these variables were related, self-objectification was the major predictor of disordered eating. The role of body shame will also be discussed as an underlying factor.

48 Psychological Characteristics of Individuals Using Intermittent Fasting

kelly cuccolo, University of North Dakota; Thomas Petros, University of North Dakota

This study examined the psychological characteristics of individuals who are engaging in a popular diet trend, intermittent fasting. Individuals who intermittent fast were compared to controls on measures of body image and eating disorder pathology. Given dieting is linked to negative psychological consequences, it is important to understand intermittent fasting.

Memory II

Sat 12:30PM - 2:20PM Salon 10

Moderator: Darrell Rudmann, Shawnee State University

12:30 The Retention of Six Elements of Autobiographical Memory over Time

Andrea O'Rear, University of Notre Dame; Gabriel Radvansky, University of Notre Dame

The present study examined what pattern of forgetting occurs for event elements in autobiographical memories, and what differences occur in rates of forgetting among those elements. Four of six elements and overall memory followed a linear pattern, and dates were forgotten most quickly. These forgetting functions differ from traditional expectations.

12:45 A Novel Study of Memory and Patterns of Forgetting

Abigail Csik, University of Notre Dame; Gabriel Radvansky, University of Notre Dame; Jerry Fisher, The University of Notre Dame; Andrea O'Rear,

University of Notre Dame
This study examined the form of forgetting of multiple dimensions of long-lasting memory for the complex events described in four well-known novels. Long-term memory for events in these novels followed a linear forgetting curve, and memory was stronger for events in the beginning of the novel compared to later events.

1:00 A Novel Study: Levels of Representation
Gabriel Radvansky, University of Notre Dame; Abigail Csik, University of Notre Dame; Andrea O'Rear, University of Notre Dame; Jerry Fisher, The University of Notre Dame
We examined long-term memory for 12 novels read years before at three levels of representation: surface form, textbase, and the event model. Memory was assessed for famous quotes as well as action described in each novel. The results revealed that memory did not always follow an expected, normal forgetting function.

1:15 A Finer Look at Retention
Jerry Fisher, The University of Notre Dame; Gabriel Radvansky, University of Notre Dame
We examined long-term retention patterns of nouns and narratives across 11 time points of up to 12 weeks. Noun recall and propositional text recognition support a two-phase model of retention. These results are interpreted in light of common retention assumptions and consolidation theory.

1:30 The Effects of Delay on High and Low Confidence Responses
Eylul Tekin, Washington University In St Louis; Henry L. Roediger, Washington University in St. Louis
In two experiments, we examined whether the confidence-accuracy relationship changes over time for high and low confidence responses using categorized word lists. The accuracy of high confidence responses dropped over time, although accuracy of low confidence responses remained fairly stable over time. The confidence-accuracy relation weakens over time.

1:45 Eliminating the competition during analogical problem solving
Timothy George, University of Illinois at Chicago; Jennifer Wiley, University of Illinois at Chicago
These experiments adapted the retrieval-induced-forgetting paradigm to test for a role of inhibition during analogical problem solving. Participants attempted Duncker’s *Tumor* problem after studying three potential solutions in story contexts. Final recall was impaired for inappropriate solutions

embedded in superficially-similar contexts suggesting a role for inhibitory processes during problem solving.

2:00 A Meta-Analytic Review of the Theories of the Generation Effect
Matthew McCurdy, University of Illinois at Chicago; Wolfgang Viechtbauer, Maastricht University; Andrea Frankenstein, University of Illinois at Chicago; Allison Sklenar, University of Illinois at Chicago; Eric Leshikar, University of Illinois at Chicago
Many theories have been proposed to explain the generation effect: the memory benefit for self-generated over read information. We meta-analyzed 126 generation effect articles and found support for some prominent theories, but not others. Additionally, we found that generation constraint influences this effect and should be considered in future work.

Prejudice II

Sat 12:30PM - 2:20PM Salon 6/7
Moderator: Amy Summerville, Miami University

12:30 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.

1:00 Whites' Responses to Diversity and the Role of Group-Based Exclusion
John Ballinger, The Ohio State University; Jennifer Crocker, Ohio State University, Columbus
We examined whether Whites reported more identity threat after considering a multicultural (vs. colorblind) diversity ideology. Five studies indicated multiculturalism did not threaten Whites in general or Whites higher in ethnic identification or need to belong. Multiculturalism was only threatening when group differences were framed as exclusionary of Whites.

1:15 Exploration of Racial and Ethnic Inclusivity within the BDSM Community
Jennifer Erickson, Northern Illinois University; Joy Pawirosetiko, Northern

Illinois University; Lori Howard, Northern Illinois University; Brad Sagarin, Northern Illinois University

This study assessed perceptions of racial/ethnic inclusivity within the BDSM community. Compared to non-people of color, people of color reported that: their race/ethnicity was more important to their BDSM role identification, BDSM clubs and conferences were less inclusive, and they had felt discriminated against and fetishized at BDSM events.

1:30 Transition to College: Challenges Faced by Low-Income, Ethnic Minority Parents

Jinyoung Koh, Loyola University Chicago; Zahra Naqi, Loyola University Chicago; Kelsey Johnson-Davis, Loyola University Chicago; Anna Sroka, Loyola University Chicago; Rachel Rolseth, Loyola University Chicago; Jasmine Shughoury, Loyola University Chicago

This study explores challenges that low-income ethnic minority parents confront with helping their teens transition into adulthood and the relations between these challenges and their teens' college preparation. The parents of 296 urban high school students participated in the survey. The challenges related to the macrosystem predicted teens' college preparation.

1:45 Anti-Atheist Prejudice and the Dogmatic Stereotype

Zachary Roth, Ohio University; Kimberly Rios, Ohio University

Stereotypes often influence anti-Atheist prejudice. Three studies demonstrate that Atheists are stereotyped as dogmatic and this stereotype causes greater anti-Atheist prejudice. Further, the dogmatism-prejudice relationship is largely driven by concerns that Atheists will advocate for a disbelief in God.

2:00 Predicting Prejudice-Reducing Behaviors: Prejudiced Self-Perceptions and Motivation to Reduce Prejud

Robert Murphy, Purdue University; Margo Monteith, Purdue University

We created and validated two scales: Perceptions of Self as Prejudiced (PSP) and Motivation to Reduce Prejudice (MRP). As predicted, we found that participants scoring higher on MRP and on PSP reported the greatest interest in prejudice-reduction activities.

Gender and Social Relationships

Sat 12:30PM - 2:20PM Salon 5/8
Moderator: Verena P. Graupman, DePaul University

12:30 Facing Sexism: Sexually Unrestricted Appearing Women are Subject to Hostility

Steven Almaraz, Miami University; Kurt Hugenberg, Indiana University

We extend ambivalent sexism work by testing whether women who appear sexually unrestricted are subject to different types of sexism. Male participants made hostile and benevolent evaluations of women differing in apparent sociosexual orientation. Participants subjected unrestricted appearing women to more hostile and less benevolent sexism than restricted appearing women.

12:45 Body Image and Sexual Functioning Among Men and Women

Jenna Medlin, Adler University; Dr. Seema Saigal, Adler University

Despite the important role that sexual functioning plays in well-being, social stigma prevents conversations about sexual health. Body image is rarely acknowledged, but may disrupt sexual functioning, especially for women. The current findings are explored in the context of supporting prevention efforts and informing gender-specific diagnostic and treatment practices.

1:00 Binge-drinking moderates the relationship between dating abuse victimization and perpetration

Angela Bush, Cleveland State University; Kayla Scamaldo, Cleveland State University; Elizabeth Goncy, Cleveland State University

Investigation of the relationship between dating abuse victimization and perpetration, as a factor of increased participation in binge drinking. Gender differences were observed, whereby males who have been victimized and engage in more binge drinking were more likely to perpetrate dating abuse than females. Implications will be discussed.

1:15 Lifting Up Healthy Dating Behavior Expectations with Numerical Anchors

Anna Semanko, North Dakota State University; Verlin Hinsz, North Dakota State University

We examined anchoring and adjustment in the novel context of dating behavior expectations. We found that high anchors lifted expectations for healthy dating behaviors, and the highest anchor increased future dating behavior intentions. This research has positive implications for using judgmental anchors to increase healthy dating behaviors in young adults.

1:30 Discussions with Mothers about the Intergenerational Transmission of Math Anxiety

Seyma Inan, Miami University; Yvette Harris, Miami University; Seham

Almutairi, Miami University
Using a qualitative methodology, we explored mothers' math histories, and experiences. Four themes emerged from our work. Ambivalence toward math, concerns about women's role in a math centric society, lack of presence of female role models, and societal perceptions of women's competencies in math.

1:45 Identity Integration Among Second-Generation Muslim Americans
Ummul-Kiram Kathawalla, University of Minnesota; Brenisen Wheeler, University of Minnesota; Elizabeth Lee, University of Minnesota; Sarah Cava, University of Minnesota
In the current context of Islamophobia, researchers have identity integration to be protective for Muslims. This mixed method study examines what facilitates and constrains identity integration for second-generation Muslim Americans. We collected data from 53 diverse second generation Muslim-Americans. Preliminary qualitative findings reveal different configurations of Muslim American identity integration.

2:00 The MGTOW Red Pill: beta male incel revolt against hypergamy?
T.L. Brink, Crafton Hills College; Margaret Yau, Crafton Hills College
The "Red Pill" narrative is that women are hypergamous, marrying educated "alpha males," leading to involuntary celibacy (incel) for beta males, who respond by rejecting long-term heterosexual relationships. Geographically aggregated data indicate correlations between the number of bachelor degrees awarded in a state and Google searches for MGTOW terms.

Social Policy, Community Engagement, and the Law

Sat 12:30PM - 2:20PM Salon 1
Moderator: Jordan Wagge, Avila University

12:30 Spending on Child Welfare Predicts Permanent Placement for Foster Children
Paula Morris, Southeastern Missouri University
While each state spends a significant amount on child welfare, many foster children age out of care without finding permanent placement. We use archival data to establish a correlation between state spending on child welfare and the success of each state at finding permanent homes for foster children.

12:45 Therapeutic Benefits of Urban Farming for Homeless Shelter Residents

Katey Gibbins, University of Dayton; Roger Reeb, University of Dayton; Andrew Londo, The Ohio State University Extension; Suzanne Mills-Wasniak, The Ohio State University Extension; Alicia Selvey, University of Dayton; Jennifer Zicka, University of Dayton; Robert Andrews, St. Vincent de Paul; Greg Elvers, University of Dayton; Ronald Katsuyama, University of Dayton; Josh Alpert, St. Vincent de Paul

Within the context of an ongoing transdisciplinary participatory community action research project, two Midwestern universities and a Nonprofit collaborated to establish an urban farm on the grounds of a homeless shelter in a food desert. Shelter residents working on the farm perceived decreases in state anxiety and improvements in wellness.

1:00 Community-Based Participatory Research among African Americans with Serious Mental Illness

Lindsay Sheehan, Illinois Institute of Technology; Sonya Ballentine, Illinois Institute of Technology

This study explored experiences of community-based participatory research (CBPR) team members (*n*=13) who had worked on CBPR projects for African Americans with serious mental illness. Participants discussed benefits and challenges of CBPR, engagement strategies, and needs of CBPR team leaders. Findings can guide future CBPR work to help this population.

1:15 Gender Differences in Knowledge of Sexually Transmitted Infections

Julia Thomas, Illinois Institute of Technology

This study assessed knowledge about sexually transmitted infections (STIs) in a sample of 76 college students. Findings revealed that although women had greater STI knowledge than men, on average the total number of correct items was less than half for both groups. Implications for sexual education initiatives are discussed.

1:30 Decision Making in the Evaluation of Competency to Stand Trial

Bob Switzer, The Chicago School; Rebecca Girlinghouse, The Chicago School of Professional Psychology

This study examined the biasing effects collateral information may have on the opinions of those conducting competency to stand trail (CST) evaluations. Further, it explored whether certain evaluator characteristics increase the effects of bias. Data trends suggest that evaluators' decisions are affected by collateral information, as well as certain characteristics.

1:45 College Students' Affective Associations Toward the HPV Vaccination

Ashley Murray, University of Toledo; Andrew L. Geers, University of Toledo

The Behavioral Affective Associations Model (BAAM) suggests that affective associations are related to health behavior intentions and health behaviors. Using the BAAM, we found preliminary evidence that affective associations are significantly different for young adults who have received at least one HPV vaccination shot.

2:00 Flint Water Crisis Information Use, Trust, and Mistrust

Thomas Wrobel, University of Michigan-Flint; Lindsey Hieber, University of Michigan-Flint; Nancy Wrobel, University of Michigan - Dearborn

Ten sources of information regarding Flint water were rated by samples of 152 city residents, 404 commuters and 251 controlsfor use and the degree of trust. Residents and commuters were less trusting across all sources of information than controls reflecting their experiences during the crisis.

Affiliated Meeting of
The Society for the Teaching of Psychology

--------------------- Friday, April 12, 2019 ---------------------

STP Invited Address

Blood, Gore, and Video Games: Effects of Violent Content on Players

Brad Bushman, The Ohio State University
bushman.20@osu.edu

Fri. 10:30AM – 11:45AM Crystal
Moderator: Meera Komarraju, Southern Illinois University Carbondale

More than 150 million Americans play video games, including many violent ones. Bushman will discuss the results from meta-analytic reviews of violent video game effects. He will also discuss some reasons why people deny violent media effects. Finally, he will talk about how to teach students about violent media effects.

STP Roundtable I

Fri 8:30AM - 11:40AM Salon 4

8:30 Open Educational Resources (OER): Current and future issues
Beth Dietz, Miami University; Barbara Oswald, Miami University; Camilla McMahon, Miami University
In this roundtable, we will discuss a project undertaken by our institution to increase the frequency of OER use. We also invite participants to discuss what is currently known about OERs and what we still need to learn.

9:20 Teaching the Research Methods Course: the role of OER
T.L. Brink, Crafton Hills College
The mentoring model requires free resources including eBooks, statistical software (JASP), statistical sites (Graphpad, VassarStats), Google Forms, Google Sheets, Google Docs, Google Slides. Accessibility will be discussed. Participants bring handouts and links to share.

10:10 Psychology: Paying Lip-Service to Teaching Psychological Science?
Jordan Horan, Ferris State University
Many undergraduate psychology majors are being taught overly simplistic definitions of science as opposed to what science is, what science is not, and how science, pseudoscience, and psychology are related. This roundtable will focus on how we educate our students regarding these topics.

11:00 Surviving and Thriving During the Neuroscience Portion of your Course
Christina Ragan, Purdue University Northwest; Robert Hallock, Purdue Northwest
We plan to discuss inexpensive activities that can be applied for large or small classrooms to enhance teaching and learning of difficult brain-related concepts in introductory psychology classes. Additionally, we hope to create a network of educators who will engage in sharing of resources beyond this meeting.

STP Poster Session

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

28 Re-Thinking Review: Using Games to Enhance Learning

Jessica LaPaglia, Morningside College

In an introductory psychology course, I included a variety of review games to increase student learning and engagement. These review games included: kahoot quizzes, jeopardy, trivia, escape room, pyramid, and bingo. Student perceptions of these games were measured.

29 Demonstrating Obedience to Illegitimate Authorities Decreases Students' Illusion of Invulnerability

Timothy J. Lawson, College of Mount Saint Joseph; Chris Gullette, Mount St. Joseph University

We utilized a demonstration of obedience in an introductory psychology class to help students understand situational pressures to obey and their personal vulnerability to influence attempts by illegitimate authorities. The demonstration decreased students' illusion of invulnerability to such influence.

30 Understanding healthcare systems and health behaviors through an in-class simulation activity

Erin J. Henshaw, Denison University

A healthcare simulation activity was designed for use in a health psychology course. The learning objectives of the simulation were to deepen students' understanding of system and individual factors contribute to healthcare decision making, to provide opportunities for students to apply healthcare system concepts, and to increase students' healthcare literacy.

31 Syllabus Policies' Effects on Student Perceptions of Teacher Empathy

Sal Meyers, Simpson College; Robert King, Simpson College; Ryan Lehr, Simpson College; Sarah Mason, Simpson College; Katy McCollum, Simpson College

We examined how students' perceptions of teacher empathy are influenced by course policies. Students read syllabus excerpts about assignments, exams, late work, inclusive excellence, and accommodations and rated perceived teacher empathy. Results suggest instructors can use the syllabus as an impression management tool to communicate teacher empathy.

32 Comparing an OER vs. Traditional Text in the Online Classroom

Barbara Oswald, Miami University; Beth Dietz, Miami University

Open educational resources (OER) increase affordability, but concerns exist. We compared OpenStax *Psychology* with a traditional text (Myers & DeWall, *Psychology*) in eight online courses. Results revealed no differences in several learning outcomes. Scores on final exams and the Psychology as a Science (PAS) Scale increased significantly with the OER.

33 Appreciative Inquiry: Incorporating Strengths in Human Services Internship Learning Contracts

Dr Jill Sudak-Allison, Grand View University; Krsitine Owens, Grand View University

Appreciative Inquiry (AI) is a conceptual framework that intentionally asks positive questions as a process to create shared meaning among participants by integrating stories that focus on success, possibilities and achievement. The approach that can be transformational for students, especially those who are engaged in internships, practicums, and/or capstone projects.

34 Benefits of Cell Phone Abstinence in General Psychology Courses

Brandon Whittington, Jefferson College

The study randomly assigned General Psychology courses to participate in a cell phone abstinence project for the entire semester or only the second half of the semester. Students in the semester-long intervention obtained favorable exam scores, course satisfaction ratings, and classmate connection compared to those who only participated in the second half.

35 Assessment of Students' Science Attitudes Following Neuroscience Outreach

Samuel Birkholz, University of Minnesota, Duluth; Jacqulyn ONeill, University of Minnesota Duluth; Imane Ait Daoud, University of Minnesota-Duluth; Jim Hasselbrink, University of Minnesota Duluth; Sam Wiechman, University of Minnesota Duluth; Kayla Walton, University of Minnesota Duluth; Rebecca Gilbertson, University of Minnesota -- Duluth; Eric Hessler, University of Minnesota Duluth

This project assessed middle school students' science attitudes following neuroscience outreach using a pre-post design. Students (N = 500) completed paper/pencil brain cap and sheep brain activities. Pilot data (n=250) showed that while students liked the hands-on nature of the activities, they preferred small group versus large group instruction.

36 Building Communication Skills Through Hands-on Museum Demonstrations of Psychological Science

Emily Stark, Minnesota State University, Mankato; Karla Lassonde, Minnesota State University; Adam Steiner, Minnesota State University, Mankato

This poster presents a course activity focused on building a broad array of communication skills through having students design and present demonstrations of psychological concepts to children and adults at a local children's museum. Descriptions of the project, outcomes, and recommendations for instructors will be included.

37 Communicating psychological science: developing undergraduate ambassadors in a capstone course

Karla Lassonde, Minnesota State University; Emily Stark, Minnesota State University, Mankato

A Communicating Psychological Science course, its objectives, and student outcomes will be shared. The goal of this course is to produce undergraduate ambassadors of the science of psychology. This goal represents a culture shift in both how science is communicated and what expectations exist for scientific literacy among psychology majors.

38 On-line versus traditional course preferences: Holding course and instructor constant

Kim Metz, Walsh University

This study examined whether students would prefer components of an on-line course to components of a traditional course and whether they felt that they learned more in one class format over the other – when controlling for course content and instructor characteristics.

39 Classroom Demonstration with a Silicone Ear and a Decibel Meter

Robert Hallock, Purdue Northwest; Amber Plonka, Purdue Northwest

We coupled a mini-lecture on audition with an interactive classroom demonstration of sound amplification through the ear using a silicone ear model and a decibel meter. Assessment revealed the demonstration increased proficiency with the material, and additionally, students unanimously rated the demonstration as beneficial.

40 Moving Beyond Memorizing: Fostering Conceptual Learning Strategies in College Students

Kristie Payment, Ohio Northern University

Study techniques employed by undergraduates often don't lead to a conceptual understanding , but rather foster only the memorization of words. Teaching students, via a brief intervention technique, about how to make minor adjustments to their strategies, however, has shown promise in helping foster a conceptual understanding of the material.

41 Effective Faculty Responses to Student Disclosure of Sexual Assault

Stephanie Sommers, Roosevelt University; Maja Palmquist, Roosevelt University; Kate Rothman, Roosevelt University; Sarah Khazoum, Roosevelt University; Steven A. Meyers, Roosevelt University

Given the high rate of sexual assault on college campuses and the likelihood that students will disclose sexual assault to faculty members, it is important to consider best practices regarding ways to proactively structure psychology courses and manage student disclosures.

42 History Can Be Fun! Activities to Enhance History of Psychology

Kathryn L. Hamilton, University of Wisconsin, Stout

Although understanding the history of psychology is important, students may not appreciate it. This study evaluated students’ experiences with five history of psychology class activities and found that students perceived these activities to be interesting and useful, indicating that these activities may be useful for teaching the course.

43 Course Customization Affects Course Performance

Mark Ludorf, Stephen F. Austin State University

The current experiment examined course performance of two groups of psychology seniors. Learners in both groups customized their course by selecting which assessments they would complete. The experimental group also selected the points associated with each assessment. Course performance in the customized point group was better than the control group.

44 Improving Students’ Teamwork Experience: Evaluating a Project Management Application

Marcy Young Illies, Saint Cloud State University; Alicia Stachowski, University of Wisconsin - Stout; Amanda Hemmesch, St. Cloud State University

Fifty-eight students across four courses participated in project management techniques prior to beginning a semester-long project. Results indicate that even a cursory introduction to these ideas were well-received. A brief knowledge test reflected learning about the tools. Students reported likely future use of project management tools.

45 What Can You Do with a Psychology Major? Data-Based Responses

Kristin Vespia, University of Wisconsin-Green Bay; Karla Miller, University of Wisconsin-Green Bay; Nicholas Livingston, University of Wisconsin-Green Bay; Samantha Alger-Feser, UW- Green Bay; Kailah Siggers, University of Wisconsin - Green Bay

The intrinsic value and marketability of the psychology major have been questioned by students, parents, and politicians. We describe job market options with a psychology bachelor's degree using empirical first-destination survey data from five years of graduates. Results and implications for psychology advising and education are reviewed.

46 Assessing the impact of prerequisites on psychology internship preparation

Kimberly Brunt, Purdue University Northwest-Westville; Cheryl DeLeon, Purdue University Northwest-Westville; Alisa Ordziejewski, Purdue University Northwest-Westville

This poster discusses a scholarship of teaching and learning project conducted to assess which courses psychology undergraduates report help them the most while completing an internship. Specifically, we wanted to see whether internship students reported impactful concepts from a prerequisite course: professional and ethical issues in psychology.

47 The 21st Century Professor: Using Social Media to Establish Connectedness

Kristin Flora, Franklin College; Ryan Rush, Franklin College

Social media is ubiquitous, yet little research has investigated the payoff to faculty for creating and maintaining departmental social media accounts. This project queried current students and alumni to determine perceived value of departmental social media accounts in order to provide cost-benefit information to time crunched faculty.

48 Promoting a Growth Mindset in Online Classes

Rebecca Francis, West Virginia State University

This project created and assessed online course discussions using course content intersecting with a growth mindset, for academic success. Validity data for the Grit measure (persistence of interest and effort) was also generated.

49 Increasing Asian American Students' Participation in College Classroom

Grace Cho, Roosevelt University; Yuri Kim, Roosevelt University; Wenyao

Yu, Roosevelt University; Steven A. Meyers, Roosevelt University

We offer modifications that instructors can make to increase participation rates in Asian American students. Utilizing smaller groups, being intentional with feedback, and not attributing lack of help-seeking behaviors to indifference or apathy can establish a sense of belonging and empower Asian American students to seek help when necessary.

50 Pledges on Cheating do not Alter Judgments of Academic Dishonesty

Andrea Friedrich, University of Kentucky; Steven Arthur, University of Kentucky

This study identified situations in which there are discrepancies between students' and faculty's perceptions of academic dishonesty and tested methods to reduce them: priming participants with academic integrity with portions of a student code of conduct and definitions of plagiarism. However, these manipulations did not alter their perceptions of cheating.

51 Effect of Growth Mindset Interventions on Specific and General Beliefs

Ryan Brunner, Westminster College

Growth mindset interventions have become commonplace, but types of interventions vary widely. In the current study, sections of freshman seminar students were exposed to various mindset and belongingness interventions. Results demonstrated that intelligence mindsets (relative to general mindset beliefs) were more affected by the interventions and interacted with belongingness outcomes.

52 Teaching Intersectionality: An Active Learning Exercise Using Wage Gap Statistics

Rebecca Foushee, Lindenwood University

This project presents an active learning exercise for teaching intersectionality using Bureau of Labor Statistics wage data. Working in pairs, students are randomly assigned to gender, ethnic, and age categories, then make financial decisions based on their "family income." Results suggest this activity enhances awareness of intersectionality and compensation disparity.

53 Enhancing Students' Academic Self-Efficacy and University Belongingness through Mindfulness

Albert Tuskenis, Governors State University; Timothy Pedigo, Governors State University

Emotions such as anxiety can diminish students' academic self-efficacy. We created a Mindfulness Studies course designed to increase students' academic self-efficacy through enhanced mindfulness, self-compassion, and university belongingness. Results supported this hypothesis. Future research plans include assessing whether enhancing students' mindfulness, self-compassion, and belongingness, also leads to improved academic performance.

54 Female Sprague-Dawley rats Condition More Quickly than Long-Evans Rats

Lynne Trench, Birmingham-Southen College

There is surprisingly little research comparing rat strains on magazine training and operant conditioning (Harrington, 1979a, Harrington, 1979b). Sprague-Dawley (albino) rats were used in the “Psychology of Learning” class, resulting in better student outcomes on operant conditioning training compared to Long-Evans (pigmented) rats, t (80) = 2.67 p = .009.

STP Roundtable II

Fri 1:00PM - 2:50PM Salon 6/7

1:00 Variations to traditional multiple-choice-testing: Cognitive science principles at work

Lynne Kennette, Durham College; Phoebe Lin, Framingham State University; Bibia R. Redd, University of North Georgia- Gainsville; Mona Poinsett, no affiliation; Lisa R. Van Havermaet, University of Michigan

Most introductory psychology courses use multiple choice (MC) tests as a primary means of assessment. How can we use the principles of cognitive psychology to augment the benefits of traditional MC testing? This session will discuss many small variations to traditional MC tests such as question generation and collaborative testing.

1:50 Making psychology relevant to pre-health professional students

Kerry Ledoux, University of Chicago

Behavioral and psychological contributions to health and wellness are profound, but helping undergraduates in pre-health majors recognize the many contributions of psychological science to their future professions can be challenging. Participants in this roundtable will discuss ways to make psychology accessible and relevant to pre-health major undergraduates.

--------------------- **Saturday, April 13, 2019** ---------------------

STP Invited Address

Facilitating the Development of Students as Self-Directed Learners

Andrew Butler, Washington University at St. Louis
andrew.butler@wustl.edu

Sat. 8:30AM – 10:20AM Crystal
Moderator: Meera Komarraju, Southern Illinois University Carbondale

How do students learn outside of the classroom? Dr. Butler will present a large-scale characterization of student knowledge and practices with respect to learning, and then use this characterization as a point of departure for thinking about how the psychological science of learning can help students improve as self-directed learners.

STP Invited Address

Promoting Motivation in Science Courses with Targeted Interventions: The Importance of Values

Judith Harackiewicz, University of Wisconsin-Madison
jmharack@wisc.edu

Sat. 10:30AM – 12:20PM Crystal
Moderator: Meera Komarraju, Southern Illinois University Carbondale

I will review intervention research that aims to improve interest and academic performance for students by promoting perceived utility, and discuss how such intervention can close achievement gaps. I will review the implications of this work for educational practice in science education.

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.

STP Roundtable III

Sat 8:30AM - 12:30PM Salon 9

8:30 Transformative Change through Partners in Policy Making
Grishma Shah, National Louis University; Judah Viola, National Louis University; Brad Olson, National Louis University; Kimberly Mercer-Schleider, Illinois Developmental Disabilities Council; Allan Bergman, High Impact Consulting; Mariel Hamer, Illinois Developmental Disabilities Council
This proposal is for an interactive panel presentation by a variety of stakeholders including community partners, program participants, funders, government agency leads, consultants and program evaluators.

9:20 Teaching in Times of Tragedy
Alyson Frydman, Roosevelt University; Mark Ferreira, Roosevelt University; Steven A. Meyers, Roosevelt University
Exposure to tragic events (i.e., mass shootings, disasters, and terrorist attacks) may affect student functioning. Faculty members do not typically receive instruction regarding how to discuss tragedies in class. Participants will share personal ideas and will learn a six-step system to address tragedies, accompanied by a set of pedagogical recommendations.

10:10 What’s Up With Tech? Engaging Students With and Without Technology

Jill Rinzel, University of Wisconsin Milwaukee at Waukesha; Julianna M. Alitto, University of Wisconsin Milwaukee-Waukesha

How can we help students to be more engaged in the classroom? This roundtable will discuss the use of different innovative learning techniques, and advantages and disadvantages of using technology as a tool in teaching. The presenters will lead a discussion of different methods to encourage active learning and engagement.

11:00 Collaborative Education: Multi-campus Efforts to Launch New Programs

Rosalyn Davis, Indiana University Kokomo; Beth Trammell, Indiana University East; Mary Bradley, Indiana University Southeast

Brief discussion of the creation of the many stages of launching a collaborative degree program with multiple campuses involved. Will address working agreements, curriculum development, cohort development, and clinical placements among other topics.

11:50 Maximizing undergraduate research experiences in and out of the classroom

Suzanne Wood, University of Toronto

Undergraduate research experiences (UREs) have been shown repeatedly to be beneficial to our students. Can these experiences also be beneficial to science, generating publication worthy data? This discussion will explore how to maximize the benefits of UREs for both students and researchers.

STP Roundtable IV

Sat 12:40PM - 2:20PM Salon 4

12:40 In Search of 99% Accuracy? Not Without a Buddy!

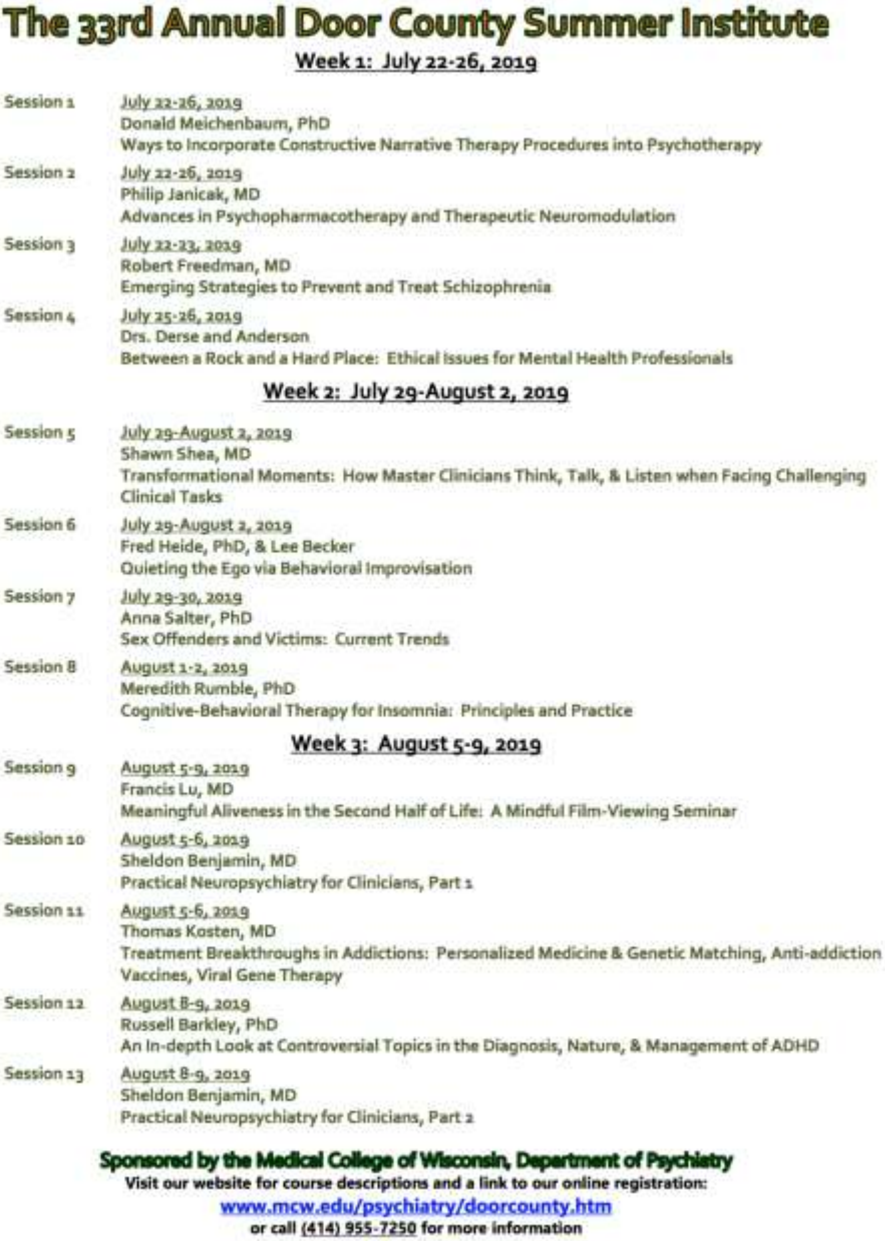
Scott Cohn, Western Colorado University; Julie Hernandez, Rock Valley College; Laura Lauzen-Collins, Moraine Valley Community College; Mallory Malkin, Pine Grove Behavioral Health and Addiction Services; Vicki Ritts, St. Louis Community College--Meramec

All too frequently, instructors develop course assessment materials in isolation. However, taking this lonely approach to item development may be the greatest source of error in the assessment resources we currently use. Best practices in peer collaboration are applied during this hands-on roundtable focused on improving item quality and accuracy.

1:30 Teaching Diversity and Inclusion through Experiential Activities and Reflection Papers

Sharon Pappas, The Chicago School of Professional Psychology

Diversity and inclusion is a critical competency in today's global world. Lecture alone does not convey a true understanding of diversity. Teachers can incorporate experiential activities and Gert Hofstede's interactive cultural website, along with reflective questions and discussion, to help students understand the experience of emigrating from another country.



The 33rd Annual Door County Summer Institute

Week 1: July 22-26, 2019

Session 1
July 22-26, 2019
Donald Meichenbaum, PhD
Ways to Incorporate Constructive Narrative Therapy Procedures into Psychotherapy

Session 2
July 22-26, 2019
Philip Janicak, MD
Advances in Psychopharmacotherapy and Therapeutic Neuromodulation

Session 3
July 22-23, 2019
Robert Freedman, MD
Emerging Strategies to Prevent and Treat Schizophrenia

Session 4
July 25-26, 2019
Drs. Derse and Anderson
Between a Rock and a Hard Place: Ethical Issues for Mental Health Professionals

Week 2: July 29-August 2, 2019

Session 5
July 29-August 2, 2019
Shawn Shea, MD
Transformational Moments: How Master Clinicians Think, Talk, & Listen when Facing Challenging Clinical Tasks

Session 6
July 29-August 2, 2019
Fred Heide, PhD, & Lee Becker
Quieting the Ego via Behavioral Improvisation

Session 7
July 29-30, 2019
Anna Salter, PhD
Sex Offenders and Victims: Current Trends

Session 8
August 1-2, 2019
Meredith Rumble, PhD
Cognitive-Behavioral Therapy for Insomnia: Principles and Practice

Week 3: August 5-9, 2019

Session 9
August 5-9, 2019
Francis Lu, MD
Meaningful Aliveness in the Second Half of Life: A Mindful Film-Viewing Seminar

Session 10
August 5-6, 2019
Sheldon Benjamin, MD
Practical Neuropsychiatry for Clinicians, Part 1

Session 11
August 5-6, 2019
Thomas Kosten, MD
Treatment Breakthroughs in Addictions: Personalized Medicine & Genetic Matching, Anti-addiction Vaccines, Viral Gene Therapy

Session 12
August 8-9, 2019
Russell Barkley, PhD
An In-depth Look at Controversial Topics in the Diagnosis, Nature, & Management of ADHD

Session 13
August 8-9, 2019
Sheldon Benjamin, MD
Practical Neuropsychiatry for Clinicians, Part 2

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

Affiliated Meeting of
The Society for Community Research and Action
Open Meeting of the Division 27 Interest Group

-------------------- Friday, April 12, 2019 ---------------------

SCRA Symposia

Fri 9:30AM - 10:20AM Indiana

9:30 Procrastination or Prevention? Impact of Decisional Delay on Community Context

Trina Dao, DePaul University; Kelly Lancaster, DePaul University; Alanna Mullen, DePaul University; Kayleigh Zinter, DePaul University; Jakob Carballo, DePaul University; Genera Fields, DePaul University; Madeline Mazanek, DePaul University; Anissa Mosquera, DePaul University; Joshua Smith, DePaul University; Joseph R. Ferrari, DePaul University

Procrastination and prevention seem unrelated, but really may be two sides of the same issue. In this interactive symposium we provide examples of both processes around contextual issues of office and workplace clutter. We present an ongoing line of community research exploring the impact of clutter in our lives.

SCRA Roundtables I

Fri 8:30AM - 10:20AM Logan

8:30 Expanding community research and practice via application with novel populations

Jordan Reed, DePaul University; Crystal Steltenpohl, University of Southern Indiana; Christopher Shorten, DePaul University; Christopher B. Keys, DePaul University

Extending community psychology to new population brings unique challenges. Facing the challenges often results in new, valuable knowledge with implications for the field as a whole. Attendees will be invited to share experiences that changed their view on community theory and practice, and presenters will offer curated examples for discussion.

9:30 Tips and Strategies for the Job Search Process

Judah J. Viola, National-Louis University; Venoncia Bate, National Louis University; Glenda Alexander, National Louis; Grishma Shah, National Louis University; Alexandra Bouziotis, National Louis University

The diverse group of presenters whose positions include university dean, consultant, fulltime faculty, non-profit manager, government agency supervisor etc. will share lessons learned from their own job search experiences as well as a survey data and engage the audience in and dialogue to build their collective knowledge of search strategies.

SCRA Roundtables II

Fri 8:30AM - 10:20AM Madison

8:30 New Frontiers of Education: Pioneers of Community Online Learning

Leonard Jason, DePaul University; Olya Glantsman, DePaul University; Jack O'Brien, DePaul University; Kaitlyn Ramian, DePaul University; Susan McMahon, DePaul University; Christopher B. Keys, DePaul University; Brad Olson, National Louis University; Yolanda Suarez-Balcazar, University of Illinois at Chicago; Fabricio Balcazar, University of Illinois, Chicago; Mark Zinn, DePaul University; Helen Bedree, DePaul University; Mayra Guerrero, DePaul University

We will explore how we can bring Community Psychology to the forefront of online education. In addition to discussing how innovative online resources, such as the upcoming online Introductory Community Psychology textbook, can reduce barriers to accessibility of knowledge and increase awareness of Community Psychology.

9:30 Exploring Strength-Based Research to Understand In-School and Out-of-School Programs

Allison Dymnicki, American Institutes for Research; Jessy Newman, American Institutes for Research; Megan Brown, American Institutes for Research

The presenters will discuss several studies that aim to understand the impacts of in-school and out-of-school time programs using a strengths based approach. Incorporating the measurement of positive or prosocial attitudes and behaviors into evaluations remains challenging. The conversation will highlight how to translate research findings to program and policy changes.

SCRA Symposia II

Fri 8:30AM - 10:20AM Kimball

9:30 Interdisciplinary Research Teams: Working Well with Others
Crystal L. Harris, Governors State University; Rieko Miyakuni, Kean University; Jelena Radovic-Fanta, Governors State University; Leslie Grange, Governors State University
Drawing on experiences of Interdisciplinary Social Science Research Team (ISSRT), this symposium addresses contributions and challenges of interdisciplinary inquiry and teamwork. Our mission is to conduct and disseminate research that promotes equity in aspects of well-being for marginalized individuals and groups. The audience will share experiences about launching and sustaining interdisciplinary teams.

SCRA Roundtables III

Fri 9:30AM - 10:20AM Marshfield

9:30 Benefits of Fieldwork Experience – Implementing Principles of Community Psychology
Audrey Jewett, DePaul University; Samantha Schwartz, Depaul University; Olya Glantsman, DePaul University; Leonard Jason, DePaul University; Kaitlyn Ramian, DePaul University; Jack O'Brien, DePaul University; Susan McMahon, DePaul University
Undergraduates in the Community Psychology concentration at Depaul University take part in a two-quarter fieldwork experience at a site of their choosing. Current and past undergraduates will share their fieldwork experiences and how it relates to students' career paths, particularly employment opportunities and graduate programs in psychology.

SCRA Roundtables IV

Fri 10:30AM - 12:20PM Indiana

10:30 Understanding communalization of trauma: Opportunities, challenges, & future research directions

B Balmer, University of Minnesota Medical School, Duluth; Sarah Beehler, University of Minnesota Medical School, Duluth Campus
This roundtable will engage attendees in a discussion of Communalization of Trauma (CoT) approaches. Attendees will be asked to share experiences with CoT approaches and examples encountered in their work. We will define CoT and discuss opportunities for the application of CoT approaches with different communities, populations, and health issues.

SCRA Roundtables V

Fri 10:30AM - 12:20PM Kimball

10:30 The Chicago Anti-Community Violence and Recidivism Program: A Fresh Start

Tonya Hall, Chicago State University; Darlene Jones-Lewis, City of Chicago Policy, Advocacy and Grants
This roundtable will highlight a faith- and community-based, participatory action research program: *The Chicago Anti-Community Violence and Recidivism Program.* The aim is to establish a model, which will include community mapping of available resources across neighborhoods in Chicago for individuals reentering society (IRS).

SCRA Roundtables VI

Fri 10:30AM - 12:20PM Logan

10:30 Abstinence vs Harm Reduction: An International Comparison of Recovery Strategies

Jessica Lin, DePaul University; Jack O'Brien, DePaul University; Alexandra Porcaro, DePaul University; Elzbieta Wiedbusch, Loyola University Chicago; Jessica Chaparro, DePaul University; Rebecca Nguyen, DePaul University; John M. Majer, Harry S. Truman College; Leonard Jason, DePaul University
Countries embrace particular models for substance use recovery that influences drug strategy policies as well as public perceptions and available programs for recovering addicts. We will compare and contrast the surrounding social context, existing policies, and the efficacies of two popular approaches: abstinence versus harm-reduction.

SCRA Roundtables VII

Fri 10:30AM - 12:20PM Marshfield

10:30 School Climate Assessment: Implications for Policy and Intervention

Kayleigh Zinter, DePaul University; Kailyn Bare, DePaul University; Cori Tergesen, DePaul University; Yesenia Garcia, DePaul University; Gabrielle Lynch, DePaul University; Jacqueline David, DePaul University; Eric Peist, DePaul University; Susan McMahon, DePaul University; Annie Herman, DePaul University; Bernardo Loiacono, DePaul University; Joanna Buscemi, DePaul University; Brittanie Gage, DePaul University; Molly Cory, DePaul University; Keturah Platt, DePaul University; Fabricio Balcazar, University of Illinois, Chicago; Margaret Clark, DePaul University

This roundtable aims to bring together researchers who base their work within school systems. In doing so, the goal is to foster discussion to better understand: what contributes to school climate, how it should be assessed, and what implications an encompassing school climate assessment may have on future research and policy-making.

SCRA Roundtables VIII

Fri 1:00PM - 2:50PM Kimball

1:00 Violence prevention in Chicago: How psychologists can influence change

Christopher Whipple, DePaul University; Maryse Richards, Loyola University Chicago; Amzie Moore, Loyola University Chicago; Caleb Flack, DePaul University; Melinda Troyka, DePaul University; Chelsea Torres, DePaul University; Karen Glownia, DePaul University; Ahtziri Barba, DePaul University; Hayoung Jeong, DePaul University; Grace Kunkel, DePaul University; Dave Satterwhite, DePaul University; Leonard Jason, DePaul University; LaVome Robinson, DePaul University

Urban, low-resourced African American youth in Chicago disproportionately experience community violence. This exposure may have detrimental consequences on emotional and behavioral outcomes. This roundtable will explore how psychologists can reduce violence through interventions, community outreach, and policy. Specific attention will be given to current violence prevention programs.

2:00 Trauma, resilience, growth, and change: Shifting to multi-disciplinary, multi-stakeholder collaboration
Judith Kent, National Louis; Wytress Richardson, National Louis University; Claudia Pitts, National Louis University; Suzette Fromm Reed, National Louis University; Shuaverta Miles, National Louis; Dollyster Coleman, National Louis University; Daria Drzewiecka, National Louis University
Through discussion and activities, participants explore trauma and its consequences with a focus on shifting the mindset of social service workers, teachers, and other community stakeholders from traditional, siloed, interventionist approaches to one of multi-disciplinary, multi-stakeholder collaboration within settings most conducive to resilience, growth, and sustainable social change.

SCRA Roundtables IX

Fri 1:00PM - 2:50PM Logan

1:00 Our Challenge: Reducing Health Disparities among the Underserved and Underrepresented
Ted Bobak, DePaul University; Camilla Cummings, DePaul University; Mayra Guerrero, DePaul University; Catherine Pierre-Louis, DePaul University; Jack O'Brien, DePaul University; Lauren Klebek, DePaul University; Lauren Hochberg, DePaul University; Jessica Lin, DePaul University; Mkaye Wilson, Harry S. Truman College; John M. Majer, Harry S. Truman College; Leonard Jason, DePaul University
By 2050, more than half of the US population will consist of underrepresented groups. This shift belies the importance of examining the current and future state of resources available to meet unique challenges faced by underserved groups. We will discuss what mental health professionals can do to reduce health disparities.

2:00 Community Immersion: The Benefits of Insight on the Inside
Joshua Norris, DePaul University; Patrick Hickey, Truman College; Hayoung Jeong, DePaul University; John M. Majer, Harry S. Truman College; Jack O'Brien, DePaul University
Community immersion brings unique challenges that could undermine intervention strategies. In this roundtable, panel members will share their experiences with community immersion, unexpected difficulties (and how they dealt with them), and how community immersion was important to both their projects and ongoing professional development as community psychologists.

SCRA Symposia III

Fri 1:00PM - 2:50PM Madison

1:00 Psychological Benefits of Green Space Activities
August Hoffman, Metropolitan State University
Green space and environmental sustainable programs have become very popular activities because they provide numerous physical and psychological benefits. The current study examines how community gardens and fruit tree orchards may faciliate a greater sense of community connectedness and resilience among diverse community members.

2:00 Creating Inclusive Environments for People with Service Dogs
Cari Stevenson, Kankakee Community College; Peggy Moran, 1Pet1Vet; Robert Perez, Kankakee Community College
We will share results from an observational study examining public behavior around service dogs, and a person with a service dog will share experiences of how unwanted attention impacts him. We will discuss how we can create more inclusive communities for people with service dogs.

SCRA Symposia + Roundtable I

Fri 1:00PM - 2:50PM Indiana

1:00 Healthy Living Needs Strong Fundamentals: Foundations of Hope
Rebecca McGarity-Palmer, DePaul University; Joseph R. Ferrari, DePaul University; Kelly Lancaster, DePaul University; Kayleigh Zinter, DePaul University; Jakob Carballo, DePaul University; Ryan Claudio, DePaul University; Genera Fields, DePaul University; Nicole Olczyk, DePaul University; Joshua Smith, DePaul University; Samantha Nau, DePaul University
Prevention and health promotion are Community Psychology values. In this interactive symposium, presenters outline studies from a community sample concerning their healthy habits and how hope for the future may act as a protective factor and promoter of health. We examined differences across demographic variables and discuss implications.

2:00 A Discussion of Methods to Influence Public Policy
Joseph Cotler, Depaul University; Leonard Jason, DePaul University; Julia Terman, DePaul University

While there are many barriers to influencing and implementing public policy, this discussion aims to identify applicable methods with which researchers can utilize.

SCRA Roundtables X

Fri 2:00PM - 2:50PM Marshfield

2:00 Exploring Food and Housing Security Among College Students
Olya Glantsman, DePaul University; Jordan Reed, DePaul University; Luciano Beradi, DePaul University; Rebecca McGarity-Palmer, DePaul University; Valerie Nava, DePaul University; Kayleigh E. Zinter, DePaul University; Andy Reyes, DePaul University; Kelly M. Lancaster, DePaul University; Jawan Davis, DePaul University; Jason Hebblethwaite, DePaul University
Housing and food related hardships, such as going hungry or unstable housing, inhibit learning and discourages persistence among college students. DePaul University faculty, staff, graduate, and undergraduate students work on gaining a better understanding of barriers to housing and food security among DePaul’s students

SCRA Poster Session

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

28 Transition Stress in Returning Service Members
Amy Maslowski, University of North Dakota; Sarah Beehler, University of Minnesota Medical School, Duluth Campus
Transition stress is a common experience among returning service members and their close intimates. The purpose of this paper is to describe transition stress and its consequences, distinguish it from PTSD and other related conditions, and highlight treatment and research implications for those working with service members and military-connected families.

29 Trauma Informed Care in Homeless Services
Hayoung Jeong, DePaul University; Molly Brown, DePaul University; Martina Mihelicova, DePaul University
This qualitative study examines how the presence and absence of Trauma-Informed-Care principles promote or impede service users’ recovery within homeless service organizations. Using thematic analysis, factors that were

positively and negatively associated with the service users' recovery were identified. Findings have implications for homeless service provisions.

30 Early Pathways: Home-Based Mental Health Services for Very Young Children Living in Poverty

Sarah Boeding, Marquette University; Michaella Brickner, Marquette University

Early Pathways is a manualized treatment program utilized at the Behavior Clinic, which has a partnership with Marquette University. The program is a brief, in-home treatment for children under the age of five experiencing challenging behaviors, emotional difficulties, and trauma. Early pathways is designed for young children living in poverty.

31 Shelter Stayer and Staff Perspectives on Criminal Justice System Involvement

Camilla Cummings, DePaul University; Kyla Hinds, DePaul University; Molly Brown, DePaul University

This study explores how long-term users of homeless shelters with criminal justice (CJ) histories describe their experiences and how their interactions with the system impede their housing opportunities. Findings have implications for understanding community reentry and reducing recidivism of chronically homeless persons with CJ histories and their unique service needs.

32 Who are Long-Term Shelter Stayers?

Wenzel Rahming, DePaul University; Camilla Cummings, DePaul University; Hayoung Jeong, DePaul University; Kyla Hinds, DePaul University; Quinmill Lei, DePaul University; Molly Brown, DePaul University

Long-Term Shelter Stayers (LTSS) are individuals who have spent many years in a shelter. This study expands the definition and explores characteristics through qualitative interviews and demographic surveys with LTSS and shelter staff. Findings have implications for specifying LTSS' service needs and provides a more robust definition.

33 Trust in Adults, Natural Mentoring Relationship Quality, and Academic Outcomes.

Alexander O'Donnell, DePaul University; Bernadette Sanchez, DePaul University

Is children's trust in adults related to academic outcomes, and do natural mentoring relationships influence these associations? Findings from a survey of low-income, Latinx high school students indicate that trust does not predict better academic outcomes, even for students with stronger relational quality.

34 Asset Mapping: A Strengths-Based Tool for Community Research

Lisa Edwards, Marquette University; Karina Loyo, Marquette University; Ashley Faytol, Marquette University; Mackenzie Goertz, Marquette University; Kat McConnell, Marquette University

Asset mapping is a tool researchers utilize to create a visual representation of a community's resources. The benefits and challenge of asset mapping will be demonstrated using results from *Proyecto Mamá*, an assessment of perinatal mental health resources for Latina mothers in Milwaukee.

35 Examining urban adolescent mental health from an intersectional perspective

Melinda Troyka, DePaul University; Ahtziri Barba, DePaul University; Christopher Whipple, DePaul University; Leonard Jason, DePaul University; LaVome Robinson, DePaul University

This poster will examine the unique experience of discrimination that young African American girls from urban neighborhoods face based on the intersection of their racial and gender identities. The impact that this oppression has on mental health is discussed, and implications for therapeutic intervention from an intersectional perspective are provided.

36 Scaling up social-emotional learning to narrow the Black-White achievement gap

Caleb Flack, DePaul University; Grace Kunkel, DePaul University; Christopher Whipple, DePaul University; Leonard Jason, DePaul University; LaVome Robinson, DePaul University

Social-emotional learning programs can help urban, low-resourced African American youth develop effective strategies for coping with socio-ecological stressors and are a promising approach to narrowing the Black-White achievement gap. The present poster will explore strategies for scaling up social-emotional programs that promote positive outcomes and minimize risk.

37 Exploring Individual-Level Characteristics, Recovery Resources, and Stress in recovery homes

Jessica Lin, DePaul University

Studies have suggested social support promotes substance abuse recovery through a relationship with abstinence-specific self-efficacy. This study focuses on residents within a recovery home and examines the relationship between individual-level characteristics, such as personality traits, and individual-level recovery resources, such as self-efficacy, with social support and self-esteem as potential moderating

38 Measuring Attitudes towards Medication Assisted Treatment (MAT) in Recovery Houses

Patrick Hickey, Truman College; Joshua Norris, DePaul University; Hayoung Jeong, DePaul University; Jack O'Brien, DePaul University; John M. Majer, Harry S. Truman College

Medication assisted treatments (MATs) and abstinence-based recovery homes are common interventions used in treating opioid use disorders. Mixed attitudes toward MAT use could create tension in abstinence-based homes. This poster presents preliminary results of an ongoing longitudinal investigation of attitudes towards MAT use among abstinence-based recovery home residents.

39 Collaborative, Participatory Research: Creating a Comprehensive Measure of Post-Exertional Malaise

Carly Holtzman, DePaul University; Shaun Bhatia, DePaul University; Leonard Jason, DePaul University; Claire Fisher; DePaul University

The purpose of this presentation is to describe the concerns of patients with ME/CFS when it comes to creating a comprehensive questionnaire used to assess PEM. The collaborative process took place via Facebook, and a compilation of Facebook comments were coded using qualitative thematic analysis. Results are discussed.

40 Demographic trends in ME/CFS symptom prevalence among Chicagoland youth

Helen Bedree, DePaul University; Chelsea Torres, DePaul University; Madison Sunnquist, DePaul University; Leonard Jason, DePaul University

The present study explores sociodemographic differences in ME and CFS symptom prevalence among over 10,000 Chicagoland youth who participated in a community-based epidemiology study of pediatric CFS and ME. Due to community-based recruitment methodology, this results of this study are unbiased by healthcare access.

41 The longitudinal impact of school safety on students’ behavioral outcomes

Karen Glownia, DePaul University; Melinda Troyka, DePaul University; Christopher Whipple, DePaul University; Leonard Jason, DePaul University; LaVome Robinson, DePaul University

The level of safety in and around Chicago Public Schools was evaluated by using ArcGIS to assess the fluctuation, frequency, and types of crime that occurred within a quarter-mile of each school. CPS administrative records were also analyzed to see if crime is related to students' behavioral outcomes.

42 The Role of Natural Mentors in Academic Identity Among Undergraduates

María X. Valenzuela, DePaul University; Lidia Monjaras, DePaul University; McKenna Parnes, Suffolk University; Bernadette Sanchez, DePaul University; Sarah Schwartz, Suffolk University

Does a shared-identity in natural mentoring relationships predict stronger academic identity among college students? Data were collected from a sample of 248 students. Results indicate that off-campus mentors who support students' academic identity significantly predicts stronger academic identity among college students. Implications will be discussed.

43 Mentoring Latinx Youth: A systematic review of the literature

Wendy De Los Reyes, DePaul University; Alma Quiroz, DePaul University; Bianca Pagan, DePaul University; Bernadette Sanchez, DePaul University

What are the effects of formal and natural mentoring relationships in Latinx youth outcomes? This systematic review provides the field of community psychology with an increased understanding of how to better support youth through mentoring relationships and informs future research or practice. Recommendations for research and practice will be provided.

44 Forensic Nurses' Perceptions of the Roles of Rape Victim Advocates

Annie Wegrzyn, DePaul University; Jessica Rice, DePaul University; Amalia Salmeron, DePaul University; Megan Rigsby, DePaul University; Mary Tull, DePaul University; Megan Greeson, DePaul University

Forensic nurses and rape victim advocates both serve sexual assault survivors during medical/forensic exams. Qualitative semi-structured interviews were conducted with nurses to explore nurses' perceptions of the role of advocates during the assault exams. Findings from this study may inform strategies to improve collaboration among sexual assault responders.

45 Mentor Support and Similarities in Ethnic Racial Identity in Mentoring

Yesenia Garcia, DePaul University; Bernadette Sanchez, DePaul University; McKenna Parnes, Suffolk University; Sarah Schwartz, Suffolk University

Do similar ethnic-racial background and support for ethnical racial identity in natural mentoring relationships predict a stronger ERI in college students? Data were collected from 248 students. Results indicate that off-campus mentors who support student’s ERI might lead to a greater sense of importance placed on ethnic/race in students.

46 The Impact of Community-Based Mentoring on Urban Youth’s Academic Outcomes

Keturah Platt, DePaul University; Sarah Rose Reynolds, DePaul University; Kathryn Grant, DePaul University

Although urban, low-income neighborhoods are settings for under-resourced schools and low academic achievement, implementing community-based mentoring programs can support youth’s academic outcomes (Thompson & Kelly-Vance, 2001). This poster examines community-based mentoring programs that promote positive academic development among inner-city youth.

47 Documentation status and violence exposure for women in the DR

Mary Tull, DePaul University; Iris Sanchez Suarez, DePaul University; Ida Salusky, DePaul University

This poster analyzes the connection between documentation access and violence exposure for 49 of women of Haitian descent living in the Dominican Republic, a population that experiences multiple intersectional levels of disenfranchisement due to gender, ethnicity, and country of origin.

48 Social Network Composition Across Genders: Small Group Networks in Recovery Homes

Gabrielle Lynch, DePaul University; Mayra Guerrero, DePaul University; Edward Stevens, DePaul University; Leonard Jason, DePaul University

The study we will present examines network characteristics across gender compositions within small group recvoery home settings. Our study looks at 42 Oxford Houses which are demcratically run recovery homes for persons recovering from substance use disorders. Womens mental health is typically more connected to social support than mens mental health.

49 Community Building through the Afro-Brazilian art of Capoeira

Lauren Mascari, University of Wisconsin - Milwaukee

The Afro-Brazilian martial-art of capoeira was first employed as a clinical intervention with youth who have histories of aggression to increase self-discipline and respect. Multicultural applications were explored during a 75-minute workshop and focus group. Emergent themes include an affinity for the music, history, movements, individual insights, and social interactions.

50 Treatment Needs and Utilization Among Oxford House Residents

Jessica Kassanits, DePaul University; Camilla Cummings, DePaul University; Arturo Soto-Nevarez, DePaul University; Leonard Jason, DePaul University

This study sought to examine the self-defined treatment needs and utilization of individuals living in Oxford Houses (residential substance use disorder recovery homes). Findings have implications for the psychosocial functioning, psychiatric comorbidity, and self-defined treatment needs within the Oxford House resident community.

51 Risk factors for suicide in myalgic encephalomyelitis and chronic fatigue syndrome

Julia Terman, DePaul University; Madeline Johnson, DePaul University; Joseph Cotler, Depaul University; Leonard Jason, DePaul University

The present study explored risk factors for suicide for individuals with ME and CFS. Results revealed that individuals who died of suicide were more likely to have a diagnosis of CFS instead of ME and were less likely to have comorbid medical illnesses.

52 Underserved and Underrepresented: A Retrospection on Native American Research

Michael Dropkin, DePaul University; Edward Stevens, DePaul University

In the past 50 years, only 47 articles have been published in the American Journal of Community Psychology on the Native American population. I seek to increase awareness of the representation issue and elicit reflection in the field of Community Psychology.

53 Understanding Attitudes toward Those Experiencing Homelessness

Nyssa Snow-Hill, University of South Carolina; Bret Kloos, University of South Carolina

This poster reviews a theory developed to understand and clarify the complexities of attitudes toward those who are homeless. Knowing the complexity of attitudes toward homeless persons allows for more precision in efforts to change particular components of those attitudes to better inform stigma reduction interventions.

54 Background Differences of Opioid and Non-Opioid Users

Alexandra Porcaro, DePaul University; Mayra Guerrero, DePaul University; Edward Stevens, DePaul University; Leonard Jason, DePaul University

The current study compared background variables among opioid and non-opioid users living in Oxford Houses, which are self-run recovery homes for substance abuse. These background characteristics include age, race, sex, marital status, education, employment, past treatments, and polysubstance use. Results and implications will be discussed.

55 Predictors of Quitting Confidence Among Nicotine Users in SUD Recovery

Jessica Chaparro, DePaul University; Edward Stevens, DePaul University; Leonard Jason, DePaul University

Individuals diagnosed with a substance abuse disorder are disproportionately vulnerable to smoking-related health disparities. This study analyzed how several predictors, including specific product type, psychiatric comorbidity, motivation to quit, and length of abstinence play a role in one's self-confidence in ability to quit nicotine products.

56 Prevention of Academic Underachievement: Stress management Intervention Study

Luciano Beradi, DePaul University; Dragana Petric, DePaul University; Relle Robinson, DePaul University, Maya Reed, DePaul University; Jason Hebblethwaite; Trinity Aberin, DePaul University; Brandon Dao, DePaul University

Minority college students experience high levels of stressors and academic related anxiety. This Evaluation assess the use of biofeedback training in combination with training and practice of meditation to reduce stress responses. The poster will present preliminary analysis of participants' anxiety symptoms and test correlations between these and electrocardiography.

57 ME/CFS Case Definition Fulfillment from Physician- and Child-reported Symptoms

Kaitlyn Ramian, DePaul University; Shaun Bhatia, DePaul University; Leonard Jason, DePaul University

A comparison of diagnostic fulfillment among four ME and CFS case definitions was conducted to understand the differences when outcomes are made through child and physician reports. Results exemplify the impact of varied case definition criteria on patients, prevalence estimates, future research, and policy

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 RSVP, if possible to thall26@csu.edu.

Day/Time: Friday, 5:30PM
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
AMBER E. KELLY, National Louis University

Affiliated Meeting of Psi Chi
The International Honor Society for Psychology

Psi Chi Symposium
Start Strong: MPA Conference Orientation

Thursday, 8:30-9:15AM Salon 2
Jamie L. Bromley, Franklin College
How do you get the most out of a professional conference? This session provides tips on maximizing your conference experience including key sessions to take in, staying alert and healthy, and social networking.

Psi Chi Symposium
Getting In: Applying to Graduate Programs

Thursday, 9:30-10:15AM Salon 2
R. Eric Landrum, Boise State University; Lindsey Root Luna, Hope College; Scott VanderStoep, Hope College
Planning to apply for graduate school, but have questions about what programs and future mentors are looking for? Bring your questions to a roundtable discussion with experienced graduate school mentors, available to discuss their own research, the qualities and skills they look for in potential graduate students, and more.

Psi Chi Symposium
Everything You Wanted to Know About the GRE (and how to do your BEST at it)

Thursday, 10:30-11:15AM Salon 2
Matthew Bashi-Kadlubowski, Educational Testing Services (ETS)
Many students fear the GRE and many do not do well on it. What is the best way to study for it? What is the GRE (and GRE-psychology subject test)

comprised of? The session presented by a representative of the group that created and administers the GRE will provide detailed information on the GRE including best ways to prepare. Make sure to be there for the great handout.

Psi Chi Symposium
Psi Chi is For You! Yes, You!

Thursday, 11:30-12:15PM Salon 2

David Kreiner, University Of Central Missouri; Martha Zlokovich, Psi Chi

Psi Chi membership is for life. This session will focus on how Psi Chi members can stay involved and benefit from membership, whether they are undergraduate students, graduate students, or faculty. We will review available benefits, resources, career development opportunities, grants, and awards.

Psi Chi Symposium
Success as a Graduate Researcher

Thursday, 2:00-2:45PM Salon 2

Moderator: Bryant Stone, Southern Illinois University

Panelists: TBA (soon to be confirmed)

Join this panel of Midwestern Psychological Association Graduate Student Research Award winners to learn more about how to be a successful graduate researcher. This is an excellent opportunity to ask these successful graduate student researchers about how research differs in graduate school and about the process by which these researchers completed their award-winning work.

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Psi Chi Poster Session I Developmental & Social

Thu 8:00AM - 8:45AM Upper Exhibit Hall

1 Transracial, International, Adult, Asian Adoptee Racial Identity and Belonging

Shonni Krengel, University of St. Thomas, MN; Muhammad Hindami, University of St. Thomas, MN; Logan Monahan, University of St. Thomas, MN; Malia Sherred, University of St. Thomas, MN (Dr. Jean Giebenhain, Faculty Sponsor)

2 Preschool Blues (and Pinks!): The Relationship Between Time Spent in Child Care Arrangements, Social-Emotional Behavior, and Gender Role Development

Ellie Miller, University of Wisconsin-La Crosse (Tracie Blumentritt, Faculty Sponsor)

3 You Don’t Know How I Feel: Conflicting Parent and Self Report Measures of Empathy in Children With ADHD.

Katlyn N. Smigielski, Bradley University; Claire Etaugh, Bradley University; Anthony Hermann, Bradley University (Dr. Claire Etaugh, Dr. Anthony Hermann, Faculty Sponsor)

4 Acoustic Parameters of Child Speech

Abigail Meder, Hope College; Elizabeth Woodford, Hope College; Darby Baird, Hope College (Dr. Sonja Trent-Brown, Faculty Sponsor)

5 Does the Amount of Social or Object Play between Infant and Mother relate to Infant Construction Ability?

Alexis Parrish, Illinois State University; Jessica Rillo, Illinois State University; Darcy Storer, Illinois State University; Julie Campbell, Illinois State University (Dr. Julie Campbell, Faculty Sponsor)

6 Does Adolescent Identity Protect Against Delinquent Peer Influence?

Courtney Dunn, Cleveland State University; Elizabeth Goncy, Cleveland State University (Elizabeth Goncy, Faculty Sponsor)

7 Parent-adolescent conflict and associations with adjustment; differential experiences by birth order

Molly Michaels, University of Missouri; Christopher Odudu, University of Missouri; Nicole Campione-Barr, University of Missouri (Nicole Campione-Barr, Faculty Sponsor)

8 The Effects of Closeness and Recipients' Need on Children's Prosocial Behavior

Thao Pham, Augustana College (Lisa Szafran, Faculty Sponsor)

9 *PSI CHI AWARD WINNER*

The Influence of Parent and Peer Attachment on Emerging Adults' Prosocial Tendencies and Mental Health

Alexandria Evans, University of Wisconsin - Parkside (Meredith McGinley, Faculty Sponsor)

Attachment Theory (Bowlby, 1969) states that parental attachments serve as a template for future relationships. The current study examined self-reports from 191 undergraduates and found indirect effects among parental attachments, peer attachments, and specfic prosocial behaviors and mental health indicators. These findings highlight the continued importance of parental attachment during emerging adulthood.

10 Ethnic-Racial Identity, Family Ethnic Socialization, and Mental Health among Latino Adolescents

Jesus Navarro, California State Polytechnic University, Pomona; Adam Hoffman, University of Michigan; Deborah Rivas-Drake, University of Michigan (Deborah Rivas-Drake, PhD., Faculty Sponsor)

11 Individual Differences in Attachment Insecurity as assessed with the Attachment Script Assessment: Validation of New Scales in a Young Adult Sample

Paul Caldo, University of Missouri - Columbia; Ashley Groh, University of Missouri - Columbia; Katherine Haydon, Mount Holyoke College (Ashley Groh, Ph.D, Faculty Sponsor)

12 Young Children's Judgements of Who to Trust are Compromised by High-Reward Promises

Caitlyn Jezowit, Bradley University; Derek Montgomery, Bradley University (Derek Montgomery PhD, Faculty Sponsor)

13 Gesture Used in Math Instruction Helps Girls Learn but Math Frustration Persists

Jennifer Sansone, Northeastern Illinois University; Jelena Pantelic, Northeastern Illinois University; Yadira Alonzo, Northeastern Illinois

University; Yeo Eun (Grace) Yun, Northeastern Illinois University; Suleima Tank, Northeastern Illinois University; Theodora Koumoutsakis, Northeastern Illinois University; Saba Ayman-Nolley, Northeastern Illinois University; Linda Ruekert, Northeastern Illinois University; R. Breckinridge Church, Northeastern Illinois University; Lisa Hollis-Sawyer, Northeastern Illinois University (Ruth Breckinridge Church, Faculty Sponsor)

14 Infants' Expectation of an Association Between Synchronous Beat-Keeping and Food Sharing
Julie Youngers, University of Missouri - Columbia; Yuyan Luo, University of Missouri - Columbia (Yuyan Luo, Faculty Sponsor)

15 Longitudinal Associations between Siblings' Technology-Mediated Communication and Relationship Quality during Emerging Adulthood
Brittany Redden, University Wisconsin-Whitewater (Anna Lindell, Faculty Sponsor)

16 Online self-presentation of young adults: The role of life quality
Braden Johnston, Southeast Missouri State University; Catherine Chou, Southeast Missouri State University (Catherine Chou, Faculty Sponsor)

17 Poverty and Parent Conflict Longitudinally Predict Increased Child Externalizing Problems
Kelsi Ross, Idaho State University; Stephanie McManimen, Idaho State University; Samantha Ross, Idaho State University; Maria Wong, Idaho State University (Maria Wong, Faculty Sponsor)

18 Spatial Ability and Working Memory Predict Gains in Mathematics Achievement
Joshua McEwen, University of Missouri (Columbia); David Geary, University of Missouri (Columbia); Mary Hoard, University of Missouri (Columbia); Lara Nugent, University of Missouri (Columbia) (Dr. David Geary, Faculty Sponsor)

19 Maternal Regulatory Behavior and Toddler's Change of Negative Affect: A Contingency Analysis
Rasmus Grydehoj, Grand Valley State University; Wolfgang Friedlmeier, Grand Valley State University (Wolfgang Friedlmeier, Faculty Sponsor)

20 Cognitive Differences Among School Systems

Lauren Sides, Lindenwood University-Belleville (Patricia Prunty, Faculty Sponsor)

21 The Effect of Gestures in Math Instruction for English Language Learners

Yadira Alonzo, Northeastern Illinois University; Jelena Pantelic, Northeastern Illinois University; Jennifer Sansone, Northeastern Illinois University; Suleima Tank, Northeastern Illinois University; Yeo Eun (Grace) Yun, Northeastern Illinois University; Theodora Koumoutsakis, Northeastern Illinois University; Lisa Hollis-Sawyer, Northeastern Illinois University; Linda Ruekert, Northeastern Illinois University; R. Breckinridge Church, Northeastern Illinois University (Ruth Breckinridge Church, Faculty Sponsor)

22 Emotion Valence and its Influence on Parents' and Children's Verbal and Nonverbal Emotional Expressivity

Mikayla Grossman, St. Olaf College; Grace E. Cho, Saint Olaf College (Dr. Grace Cho, Faculty Sponsor)

23 Social-Emotional Competence in Preschool: The Relationship Between Behavioral Regulation, Social Skills, and Academic Performance

Samantha Culbert, Kenyon College (Dana Krieg, Faculty Sponsor)

24 The Impact of Overheard Speech: Does Speech to Siblings Affect Infants' Language Development?

Caitlin Rosswurm, University of Notre Dame; Jill Lany, University of Notre Dame (Dr. Jill Lany, Faculty Sponsor)

25 The Effect of Children's Digital Media Experience on Video Instruction with Gesture

Yeo Eun (Grace) Yun, Northeastern Illinois University; Jelena Pantelic, Northeastern Illinois University; Jennifer Sansone, Northeastern Illinois University; Suleima Tank, Northeastern Illinois University; Yadira Alonzo, Northeastern Illinois University; Theodora Koumoutsakis, Northeastern Illinois University; Lisa Hollis-Sawyer, Northeastern Illinois University;

Linda Ruekert, Northeastern Illinois University; R. Breckinridge Church, Northeastern Illinois University (Ruth Church, Faculty Sponsor)

26 Effects of environmental enrichment on stress reactivity and behavior following early and adolescent life stress when pre-disposed to anxiety and depression
Ezra Solidum, University of Missouri; Briana Kille, University of Missouri; David Beversdorf, University of Missouri - Columbia (Dr. David Beversdorf, Faculty Sponsor)

27 Gender Norms when Choosing Literature
Zacchaeus Martin, Wittenberg University; Jhiara Henderson, Wittenberg University; Elyse Goins, Wittenberg University (Lauren Crane, Faculty Sponsor)

28 The Connections among Loneliness, Anxiety, and Health across Adulthood
Delaney Weiland, University of Notre Dame; Cindy Bergeman, University of Notre Dame; Niccole Nelson, University of Notre Dame (C.S. Bergeman, Ph.D., Faculty Sponsor)

29 How Objects and Testing Opportunities Relate to Children’s Contributions to Family Narrative Reflections
Krista Smith, Loyola University Chicago; Sydney Kamuda, Loyola University Chicago; Lauren Pagano, Loyola University Chicago; CATHERINE A. HADEN, LOYOLA UNIVERSITY CHICAGO (Catherine A. Haden, Faculty Sponsor)

30 Emotion Reception: The Roles that Age and Gender Play on Children's Development of Emotion Recognition
Sarah Lesniak, University of Wisconsin - Green Bay; Allison Degner, University of Wisconsin - Green Bay; Kate Sorebo, University of Wisconsin-Green Bay (Sawa Senzaki, Faculty Sponsor)

31 Sustained Attention: The role of Parental Reading Time on Infant's Attention between American and Japanese Infants
Mackenzi LaMarre, University of Wisconsin Green Bay (Sawa Senzaki, Faculty Sponsor)

32 The Effects of Mentoring and Pre-Term Orientation on First-Year College Students

Brooke Mosbaugh, Manchester University (Dr. Marcie Coulter-Kern, Faculty Sponsor)

33 Evidence for Equality?: Guatemalan Adolescents’ Views on Gender

Amy Beasley, Hope College; Katelyn Poelker, Hope College; Judith Gibbons, Saint Louis University; Danielle Skogen, Asociación SERniña; Brianna McCue, SERniña (Dr. Katelyn Poelker, Faculty Sponsor)

34 Student Awareness of Prevention and Intervention Strategies for Harassment in College

Shawnna Horman, University of Wisconsin-Stout (Dr. Christina Shane-Simpson, Faculty Sponsor)

35 The Association Between Sibling Presence and Composition on Friendships in Adolescence and Adulthood

Lauren Gann, University of Missouri; Amanda Rose, University of Missouri (Amanda Rose, Faculty Sponsor)

36 Developmental Origins of Infant EEG Asymmetry

Chase O'Neal, University of Missorui (Dr. Ashley Groh, Faculty Sponsor)

37 Parenting By Lying, Beliefs in Fantasy Characters, and Adult Functioning

Edward Dodd, Murray State University; Esther Malm, Murray state University (Esther Malm, Faculty Sponsor)

38 Blaming the Victim: The Perceptions of Cyberbullying

Alejandra Castillo, Morningside College (Jessica LaPaglia, Faculty Sponsor)

39 Can “because” be the Cause of Essentialist Beliefs among Children?

Caroline Manning, Albion College; Kristan Marchak, University of Michigan (Kristan Marchak, Susan Gelman, Faculty Sponsor)

40 Evaluating Parental Language Input On Twins' and Triplets' Language Development

Alexandra Perry, Southern Illinois University; Erin Boester, Southern Illinois University; Matt Jamnik, Southern Illinois University Carbondale (Dr. Lisabeth DiLalla, Faculty Sponsor)

41 Biopsychosocial Correlates of Sleep Hygiene in Preschoolers
Rebecca Messnick, Hope College; Lauren Evert, Hope College; Cameron Everse, Hope College; Micah Manthei, Hope College; Abby Rakus, Hope College; Andrew Gall, Hope College; Sonja A. Trent-Brown, Hope College (Dr. Andrew Gall, Dr. Sonja Trent-Brown, Faculty Sponsor)

42 Infants' manual exploration of material substances
Dana Kelsey, University of Missouri Columbia; Kristy vanMarle, University of Missouri - Columbia (Kristy vanMarle, Faculty Sponsor)

43 Family Interactions and The Development of Perfectionism
Asa Jaymes, Miami University; Nick Stamper, Miami University; Anthony Drew, Miami University (Elizabeth Kiel, Faculty Sponsor)

44 The Effects of Adverse Childhood Experiences on Parenting Practices
Talisa Gonzalez, Andrews University (Harvey J. Burnett, Karl G. D. Bailey, Faculty Sponsor)

45 The Influence of Catholic Faith on Parenting Values in Colombia, Ireland, and United States
Alyssa Provencio, Loras College; Sophia Muzzarelli, Loras College; Laura Brinez, Loras College (Lisa Grinde, Faculty Sponsor)

46 Pet Attachment in Relation to Perceived Frequency and Impact of Autism Spectrum Disorder Symptoms
Tiffany Shadrick, University of Missouri - Columbia; David Beversdorf, University of Missouri - Columbia; Allison Halt, University of Missouri - Columbia (David Beversdorf, Faculty Sponsor)

47 The Effects of Helicopter Parenting on Autonomy, Decision-Making, Financial Practices, and Food Skills in Emerging Adults

Maddison Spencer, Baldwin Wallace University (Dr. Deb Esty, Faculty Sponsor)

48 The Role of Cardiac Vagal Tone in Adolescent Well-Being: Considering Coping Style as a Mechanism

Saivaroon Gajagowni, University of Missouri - Columbia; Sarah Borowski, University of Missouri - Columbia; Amanda Rose, University of Missouri (Dr. Amanda Rose, Faculty Sponsor)

49 Exploration promotes rule-learning in school-aged children

Mia Radovanovic, The University of Chicago; Natalie Brezack, The University of Chicago; Laura Shneidman, Universidad Nacional Autónoma de México; Amanda Woodward, The University of Chicago (Amanda Woodward, Faculty Sponsor)

50 A Contextual Model of Global Identity in U.S. College Students

Mizuho Yamamoto, University of Minnesota Morris; Isabel Montemayor, University of Minnesota Morris (Oscar Baldelomar, Faculty Sponsor)

51 Head Start and Internalizing/Externalizing Behaviors

Camila Ferreira, Murray State University (Esther Malm, Faculty Sponsor)

52 Perceptions of Balance Across the Adult Lifespan: A Comparison of Younger and Older Adults

Jarrod Hines, University of WI - Eau Claire; Alexandra Ziepke, University of Wisconsin - Eau Claire (Dr. Jarrod Hines, Faculty Sponsor)

53 An Examination of Two Types of Identity Achievement in the Ethnic Identity Domain

Emily Kuehn, University of Minnesota, Morris; Margaret Schauff, University of Minnesota, Morris (Oscar Baldelomar, Faculty Sponsor)

54 Examining the correlation between mentor SES and satisfaction of the mentor’s relationship with mentee, and the mentor’s cultural humility, in an urban mentoring program.

Audrey Jewett, DePaul University; Claire Fisher, DePaul University; Alicia

Chen, DePaul University; Chantelle Miller, DePaul University (Kathryn Grant, Faculty Sponsor)

55 The effects of childhood poverty in adulthood: Results from a random sample of Minnesotans
Regina Klages, St. Cloud State University (Amanda Hemmesch, Jim Cottrill, Ann Finan, Monica Garcia-Perez, Sandrine Zerbib, Faculty Sponsor)

56 How emotional are you?: Effects of Gender Stereotypes on Perception of Emotional Facial Expressions
Regina Klages, St. Cloud State University (Leslie A. Valdes, Faculty Sponsor)

57 An Intersectional Analysis of Implicit and Explicit Gender-Career Evaluations Among Adults
Sydney Telaak, Kenyon College (Dr. Dana Krieg, PhD, Faculty Sponsor)

58 Examining Short-term Change of Gender Attitudes in Early Adolescence
Sydney Telaak, Kenyon College (Dr. Dana Krieg, PhD, Faculty Sponsor)

59 Following Social Media Accounts and Orientations to Happiness
Allison Rice, Truman State University (Karen Vittengl, Faculty Sponsor)

60 Fun Activities Stay Fun: Affective Forecasting and Fear of Missing Out
Allison Rice, Truman State University (Karen Vittengl, Faculty Sponsor)

61 Trumping Racism: The Role of Formal Clothing and the President
Nicholas Livingston, University of Wisconsin-Green Bay; Regan A. R. Gurung, University of Wisconsin, Green Bay; Samantha Alger-Feser, UW-Green Bay (Dr. Regan A. R. Gurung, Faculty Sponsor)

62 *PSI CHI AWARD WINNER*
Justice for All or Outgroup Prejudice? A Study on the Effects of Superhero Priming on Attitudes Toward Immigrants
Nicholas Livingston, University of Wisconsin-Green Bay (Dr. Kathleen

Burns, Faculty Sponsor)
We hypothesize that participants primed with superheroes will show positive attitudes toward immigrants. Participants viewed pictures of superheroes, imagined what a day would be like as that superhero, and completed immigrant attitude scales. We hope our findings can provide timely evidence of the effects of viewing superheroes on people’s attitudes.

63 Would You Hire this Person?

Ian Bonar, University of St. Thomas (Dr. Britain Scott, Faculty Sponsor)

64 Prevalence of HIV predicts legal eradication of same-sex sexual behavior

Katarina Schexnayder, Saint Xavier University; Hillary Aguilar-Ruano, Saint Xavier University; Angela Pirlott, Saint Xavier University (Angela Pirlott, Faculty Sponsor)

65 Analyzing Expert and Novice Writers’ Language Use in Fiction

Shashidhar Sastry, Texas Tech University; Molly Ireland, Texas Tech University (Dr. Molly Ireland, Faculty Sponsor)

66 Is Parental Relationship with LGB Offspring Affected by Reproductive History?

Gabriel Escudero, Saint Xavier University; Ciara Nichols, Saint Xavier University; Angela Pirlott, Saint Xavier University (Angela Pirlott, Faculty Sponsor)

67 The Effects of Suspect Race and Mental Illness History on the Perceived Acceptance of and Support for Police Use of Force and Overall Trust in Police

Lily Taplin, Xavier University (Dr. Tammy L. Sonnentag, Faculty Sponsor)

68 Does Experiencing Good or Bad Events Alone or with Others Impact Individuals’ Sense of Belonging?

Ana Hernandez, Xavier University (Tammy L. Sonnentag, Ph.D, Faculty Sponsor)

69 The Relationship Between Pet Ownership and Personality

Marissa Bamberger, North Central College; Alyssa Johnson, North Central College; Patrick Nebl, Elmhurst College (Patrick J. Nebl, Faculty Sponsor)

70 *PSI CHI AWARD WINNER*

How Education can Impact the Perception of Individuals with Disabilities and Integrated Classrooms

Hailey Wierzba, University of Wisconsin - La Crosse; Samantha Beckett, University of Wisconsin - La Crosse (Dr. Jocelyn Newton, Faculty Sponsor)
Few studies have examined the contact theory regarding positive perceptions of integrated classrooms and disabilities. This study manipulated the education participants received and examined impacts of perceptions on integrated classrooms and students with disabilities. We predicted increased education would create more positive attitudes towards individuals with disabilities in schools.

71 Effects of Disclosures About Invisible Disabilities on Interpersonal Stigmatization

Alyanna Reick-Mitrisin, Xavier University (Tammy L. Sonnentag, Faculty Sponsor)

72 The Influence of Congruent and Incongruent Nonverbal Communication, Digital Communication, and Gender on Impression Formation

Katherine Holt, Dakota Wesleyan University (Anne Kelly, Faculty Sponsor)

73 Regret Intensity: Lost versus Future Opportunities

Mallory Forward, King's University College at the University of Western Ontario; Mike Morrison, King's University College at the University of Western Ontario (Mike Morrison, Faculty Sponsor)

74 Who Changes their Major? An Examination of Mindsets of Ability and Perceived Competence

Madison Hawtrey, Simpson College; Averey Ruble, Simpson College (Sal Meyers, Faculty Sponsor)

75 Diving into the Uncanny Valley: Perceived Human Qualities of Robotic Stimuli

Jenna Metzger, Webster University; Eric Goedereis, Webster University; Amanda Kracen, Webster University (Amanda Kracen, Eric Goedereis, Faculty Sponsor)

76 The Effect of Agentic Motivation on Emotion Recognition among Grandiose Narcissists
Kelemen Lee, Bradley Univeristy; Anthony Hermann, Bradley University; Adam Bitar, Bradley University (Anthony Hermann, PhD., Faculty Sponsor)

77 How Facebook Affects the Mental Well-Being of Older Adults
Tommy Anderson, Chicago State University; Jubilee Dickson, Chicago State University (Dr. Jubilee Dickson, Faculty Sponsor)

78 Sexual Education and its Efficacy in Latino/a Populations: An Examination of the Influences of Religiosity and Family Composition
Daniel Herrera Dent, Baldwin Wallace University (Dr. Dale Grubb, Faculty Sponsor)

79 Both Different and the Same: Divergence and Convergence in Sexuality-Related Gender-Role Conformity for Men and Women
Hayley Devine, University of Wisconsin-River Falls; Michelle Stage, University of Wisconsin River-Falls (Travis Tubre, Ph.D., Ashley Thompson, Ph.D., Faculty Sponsor)

80 Does Curiosity Enhance Learning?
Sophia Sielen, University or Wisconsin-Green Bay; Torrey Lucido, University of Wisconsin- Green Bay; Ryan Martin, University of Wisconsin-Green Bay (Ryan Martin, Faculty Sponsor)

81 More Issues than Vogue: An Investigation into Acceptance of Children's Clothing Slogans & Gender Stereotyping
Nikki Thomas, Lindenwood University; Trisha Prunty, Lindenwood University - Belleville; Kacey Russell, Lindenwood University-Belleville (Trisha Prunty, Faculty Sponsor)

82 Effects of Warning Labels on Edited Photos Posted on Instagram: Impacts on Females’ Self-Esteem, Self-Worth, and Appearance-Related

Satisfaction
Emily Tenkman, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

83 Perceived Credibility of Female Sports Broadcasters in Male and Female Sports
Sara Rojas, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

84 Social Inclusion of American and Japanese Introverts in Extroverted Social Situations
Kimberly Ziegenhorn, Xavier University (Dr. Tammy Sonnentag, Faculty Sponsor)

85 The Effect of Moral Relativism on Discounting the Morality of Ingroups and Outgroups
Azl Saeed, Xavier University (Tammy L. Sonnentag, PhD, Faculty Sponsor)

Psi Chi Poster Session II
Applied, Industrial Organizational & Social

Thu 8:50AM - 9:35AM Upper Exhibit Hall

1 Do Undergraduates with Psychological Misconceptions Have Lower Well-being?
Samantha Carroll, Truman State University; Claire Miller, Truman State University; Nala Turner, Truman State University; Emily Kinkade, Truman State University; Bailey Holm, Truman State University; Anthony Rogers, Truman State University (Dr. Jeffrey Vittengl, Faculty Sponsor)

2 Mental Disorder Diagnoses and Career Prospects: Does a Mental Disorder Diagnosis Affect Perceived Performance in the Workplace?
Erin Doehne, University of Wisconsin-River Falls; Samantha Mellum, University of Wisconsin-River Falls (Travis Tubre, Richard Seefeldt, Faculty Sponsor)

3 Does Mental Toughness Predict Athletic Performance Under Pressure?
Landon Braun, Simpson College (Don Evans, Sal Meyers, Faculty Sponsor)

4 Trying to get the job: Implications for female applicants in employment interviews
Alexius Hartman, University of Nebraska - Lincoln; Abigail Riemer, University of Nebraska-Lincoln; Sarah Gervais, University of Nebraska-Lincoln (Sarah Gervais, Faculty Sponsor)

5 Employee engagement: The role of critical predictors and outcomes
Paige Richardson, University of Wisconsin-Green Bay; Rachael Smith, University of Wisconsin Green Bay; David Radosevich, University of Wisconsin-Green Bay (Dr. David Radosevich, Faculty Sponsor)

6 *PSI CHI AWARD WINNER*
Techniques to Improve Supervisor-Employee Relationships
Michelle Rowekamp, Xavier University (Christian End, Faculty Sponsor)
Participants (N=139) read a vignette describing a supervisor who recognized or withheld recognition. Consistent with the hypothesis, a two-way ANOVA indicated participants were significantly more satisfied with the supervisor who recognized the work compared to a supervisor who did not. There were no gender differences in satisfaction with the supervisor.

7 What makes employees enthusiastic about work? Examining employee engagement
Rachael Smith, University of Wisconsin Green Bay; Paige Richardson, University of Wisconsin-Green Bay; David Radosevich, University of Wisconsin-Green Bay (David Radosevich, Faculty Sponsor)

8 Priming and the Weapon Focus Effect
Jessica Tometich, Simpson College (April Drumm-Hewitt, Sal Meyers, Faculty Sponsor)

9 Cross-Cultural Examination of the Link Between Gender and LGBT Discrimination
Daniel Larsen, DePaul University; Rusty Steiger, DePaul University (Russell Steiger, Faculty Sponsor)

10 Use Your Words: Qualitative Analysis for the Quantitative Researcher

Gabriella Oudsema, University of Michigan-Dearborn (Roger Loeb, Faculty Sponsor)

11 Signature Identification Effects: Co-Witness Influence Affects Accuracy and Confidence

Jennifer Ellenburg, Augsburg University (Nancy Steblay, Faculty Sponsor)

12 Appraisal: The Effect of Electronic Media on Decision Making

Yabsira Ayele, Berea College; Robert Smtih, Berea College (Rob Smtih, Faculty Sponsor)

13 Sociograms used as an objective measure to evaluate team cohesion

Gabrielle Caruso, University of Findlay; Michael Koldan, University of Findlay (Andrea Mata, Faculty Sponsor)

14 Does Personality Have an Effect on Who Gets Promoted? An Analysis of Introverts and Extraverts in the Job Market

Rachel Downey, Webster University; Michael Hulsizer, Webster University (Michael Hulsizer, Faculty Sponsor)

15 GPA and Personality in Hiring Decisions

Riley Varney, Xavier University; Christian End, Xavier University (Christian End, Faculty Sponsor)

16 Learner Characteristics: The Effects of Internal Locus of Control and State Anxiety Levels on Training Outcomes

Austin Haas, University of Wisconsin - La Crosse (Dr. Christa Kiersch, Faculty Sponsor)

17 *PSI CHI AWARD WINNER*

Politics and Employee Selection: Exposure to Political Affiliation Cues and its Effect on Hiring Outcomes

Uriel Saldivar, Northeastern Illinois University (Dr. Amanda Dykema-Engblade, Faculty Sponsor)

Political events since the 2016 presidential election have created tension in the workforce based on political affiliations. Using an experimental method the current proposal seeks to examine whether subtle cues of political affiliation found on a resume can influence employee selection decisions made by hiring managers.

18 Room Temperature's Affect on Moral Judgements, Cooperative Behavior and Driving Behaviors/Beliefs
Eric Olszewski Jr., Bemidji State University; Travis Ricks, Bemidji State University (Travis Ricks, Faculty Sponsor)

19 Workplace Fun: Friend or Foe?
Zane McDonald, University of Wisconsin-Stout (Kathryn L. Hamilton, PhD, Faculty Sponsor)

20 The Influence of Age on Perceived Organizational Support and Self-Enhancement
Sierra Moody, Southern Illinois University Edwardsville; Elora Voyles, Southern Illinois University Edwardsville (Elora Voyles, Faculty Sponsor)

21 Workplace Connection: Worker Motivation, Job Satisfaction, and Informal Workplace Relationships
Jacob Myers, Monmouth College (Tara McCoy, Faculty Sponsor)

22 Analysis of Turnover Intentions among Food Service Workers
Jacob Wessels, Luther College (Justin Sprung, Faculty Sponsor)

23 Contributors to College Student Life Satisfaction
Jacob Wessels, Luther College; David Blackstad, Luther College (Justin Sprung, Faculty Sponsor)

24 Gender and Perceived Manager Effectiveness
Connor Eichenauer, Manchester University (Jack Wiley, Faculty Sponsor)

25 Effects of Personality Factors and Ostracism on Academic and Work Satisfaction
Chi Pham, Luther College; Ryan Cook, Luther College (Dr. Justin Sprung, Faculty Sponsor)

26 Impacts of Resume Format on Hirability
Adrienne Anderson, Olivet Nazarene University (Dr. Kristian Veit, Faculty Sponsor)

27 The Effect of Work-Related Stress on Intrinsic Academic Motivation
Evan Pearson, Purdue University Northwest (Cheryl DeLeon, Faculty Sponsor)

28 *PSI CHI AWARD WINNER*
Correlations Between Transformational Leadership and Right Frontal Lobe EEG Coherence
Lindsey Freier, Wheaton College; Raymond Phinney, Wheaton College; Britt Sheafe, Wheaton College; Abigail Walker, Wheaton College; Nathaniel Thom, Wheaton College (Ray Phinney, Faculty Sponsor)
This study will investigate the relationship between transformational leadership and EEG coherence in the right frontal lobe. participants high in transformational leadership are expected to have greater EEG coherence. Results of pilot data were unexpected due to confounding variables. Analysis of the whole data set is in progress.

29 Remote Operated Vehicles and Situational Awareness
Hannah McClelland, University of South Dakota; Doug Peterson, University of South Dakota; Eric Roberts, University of South Dakota (Dr. Doug Peterson, Faculty Sponsor)

30 The Joy of Art: The Role Specific Art Media may Play in Improving Subjective Well-Being
Karen Schroeder, Southern Illinois University Edwardsville; Catherine Marx, Southern Illinois University Edwardsville; Ryan Raymond, Southern Illinois University Edwardsville; Jazay McBride, Southern Illinois University Edwardsville (Elizabeth J. Meinz, Ph.D., Faculty Sponsor)

31 The Effects of Attachment and Identity on Marital Naming Choices
Thao Pham, Augustana College (Jamie Nordling, Faculty Sponsor)

32 Relationship between Internalized Misogyny and Acceptance of Catcalling

Nikki Thomas, Lindenwood University; Trisha Prunty, Lindenwood University - Belleville (Trisha Prunty, Faculty Sponsor)

33 Sexual Orientation Hate Crimes in Response to Disease Outbreaks
Hillary Aguilar-Ruano, Saint Xavier University; Katarina Schexnayder, Saint Xavier University; Angela Pirlott, Saint Xavier University (Angela Pirlott, Faculty Sponsor)

34 Does LGBs' reproductive history influence prejudices from family members?
Ciara Nichols, Saint Xavier University; Gabriel Escudero, Saint Xavier University; Angela Pirlott, Saint Xavier University (Angela Pirlott, Faculty Sponsor)

35 Media Portrayals, Self-Esteem, and Ethnic Identity for Low-Income, High-Risk Minority Youth
Jamie Mc Dowell, Loyola University Chicago; Cara DiClemente, Loyola University Chicago; Maryse Richards, Loyola University Chicago (Maryse Richards, Faculty Sponsor)

36 Student Perceptions of Substance Use: The Effects of Rule Breaking on Acceptance
Tyler Norris, Xavier University (Dr. Cindy Dulaney, Faculty Sponsor)

37 Ostracism and Passive Receptivity
Yichuan Yin, Purdue University (Kipling D. Williams, Faculty Sponsor)

38 Correspondence Bias: Gender Effects Across Temporal Scales
Elaina Smith, Winona State University; Garrett Greeley, Winona State University; Elizabeth Russell, Winona State University (Elizabeth Russell, Ph.D., Faculty Sponsor)

39 Should Students Dress for Success? Clothing, Comfort, and Performance
Amber Collegnon, University of Wisconsin Green Bay; Regan A. R. Gurung, University of Wisconsin, Green Bay (Dr. Regan Gurung, Faculty Sponsor)

40 Perceptions of Interactions When Taking the Perspective of a Student with Anxiety

Nikki Giesel, Xavier University (Tammy L. Sonnentag, Ph. D, Faculty Sponsor)

41 Likelihood of Forgiveness Following a Transgression with or without a Sincere Apology

Jaclyn Fahey, Xavier University (Tammy L. Sonnentag, Ph. D, Faculty Sponsor)

42 *PSI CHI AWARD WINNER*

Effect of Self and Parental Expectations on Perceptions of Nonmedical Prescription Stimulant Use

Ryan Watson, Xavier University (Tammy L. Sonnentag, Faculty Sponsor)

This study investigates perceptions of self and parental expectations for academic success on students' use of nonmedical prescription stimulants (NPS) and academically dishonest behavior. Students' with high (compared to low) self and parental expectations are expected to be particularly likely to use NPS and engage in academic dishonest behavior.

43 The Effect of Knowledge on Stigma and Blame of Mental Illness

Julia Fabrizi, Xavier University (Tammy L. Sonnentag, PhD, Faculty Sponsor)

44 The Effect of Disparaging Metaphors About Women on Individuals' Sexism and Concern for Political Correctness

Maggie McDonnell, Xavier University (Tammy L. Sonnentag, Faculty Sponsor)

45 Identity Threat Among Asian Students in Online Classes

Sydney Whiteford, Indiana University Bloomington; Elise Ozier, Indiana University Northwest; Mary C. Murphy, Indiana University (Mary Murphy, Faculty Sponsor)

46 I Am A Victim: An Investigation on Victim Blaming Towards The Homeless and Non-Homeless Population

Cheyenne Williams, Lindenwood University (Trisha Prunty, Faculty Sponsor)

47 Are There Cultural Differences in Conflicts?
Tracie-Lynn Lamoreux, Iowa State University; Vanessa Castillo, Iowa State University; Susan Cross, Iowa State University (Susan E. Cross, Faculty Sponsor)

48 The Intersection of Race and Attractiveness in Implicit Bias
Valerie Kemp, Michigan State University; Joseph Cesario, Michigan State University (Joseph Cesario, Faculty Sponsor)

49 Discussing Across the Aisle: The Effect of Civic Reflection on Political Discrimination
Jonah Koetke, Valparaiso University (Geoff Wetherell PhD, Faculty Sponsor)

50 The Correlates of Wisdom-related Knowledge in Individuals
Yena Kim, University of Chicago; Howard Nusbaum, University of Chicago (Howard C. Nusbaum, Faculty Sponsor)

52 The Influence of Cartoon Violence in Video Games and Realistically Violent Video Games on Empathy, Aggression, and Tolerance for Violence
Jude Burkinshaw, Dakota Wesleyan University (Anne Kelly, Faculty Sponsor)

53 The Me Too Movement and Male Promiscuity
Josie Hasselbring, Western Illinois University; Grace Howard, Western Illinois University; Jordan Looney, Western Illinois University (Eugene W. Mathes, Faculty Sponsor)

54 Regulating Mood via Media: Hedonic and Eudaimonic Motivation
Sydney Williams, Central College; Mitchell Hollingshead, Central College; Ellie Pearson, Central College (Keith Jones, Faculty Sponsor)

55 The Disney Princess Influence on Body Image Satisfaction in Young Adults
Caroline Stepchuk, Xavier University (Dr. Cindy Dulaney, Faculty Sponsor)

56 The Perceived Effect of Spectator Type on Performance
Jessica Kidd, Xavier University (Dr. Dalia Diab, Faculty Sponsor)

57 Evaluations of Gender Conforming and Non-conforming Families
Andrew White, The College of Wooster (Susan Clayton, Faculty Sponsor)

58 Race and Gender Bias in Facial Recognition
Jamie Walmer, Ursuline College; Gina Santora, Ursuline College (Dr. C. Edmonds, Faculty Sponsor)

59 Human-Animal Interaction Reduces Stress and Increases Positive Mood
Molly Radcliff, Xavier University (Dr. Dalia Diab, Faculty Sponsor)

60 Perceptions of Grit
Emily Novak, Elmhurst College; Jessica Sim, Elmhurst College; Elizabeth Majka, Elmhurst College (Jessica J. Sim, Elizabeth A. Majka, Faculty Sponsor)

61 Peer Pressure as a Barrier to Reporting Date Rape
Hannah Floss, John Carroll University (John Yost, Faculty Sponsor)

62 Group first, People second: How person/thing orientation relates to everyday stereotypes
Emma Palmer, Purdue University; Jacob Schneider, Purdue University; Sarah Prill, Purdue University; Andrew Bradburn, Purdue University; Britney Nyugen, Purdue University; Angela Receveur, Purdue University (William G. Graziano, Faculty Sponsor)

63 Do You Remember Us? Effect of Ingroup Categorization on Recognition Memory
Shadya Essaili, University of Michigan - Dearborn; Yue Yan Feng, University of Michigan - Dearborn; Kristina Nastoska, University of Michigan - Dearborn; Auria Rostami, University of Michigan - Dearborn (Robert Hymes, Ph. D., Faculty Sponsor)

64 Eating Disorders with Multiple Forms of Abuse are Mediated by Rejection Fear and Contact Comfort in Social Support Contexts
Rachel Gardetto, Bradley University; Lane Beckes, Bradley University (Lane Beckes, Faculty Sponsor)

65 Internet Access and Social Comparisons: Does Internet Use Make Us Feel More Knowledgeable than Others?
Mike Soderquist, Ohio University (Dr. Ross Rogers, Dr. Mark Alicke, Faculty Sponsor)

66 The Effect of Primed Affect on Age Stereotypes
Sarah LeMay, Xavier University (Dalia Diab, Faculty Sponsor)

67 The link between attachment styles and stress: Activation of the attachment system as a moderator
Mary Rodwell, Edgewood College; Ashley Holland, Edgewood College (Ashley Holland, Faculty Sponsor)

68 The Relationship between Impulsive Buying and Implicit Theories
Cole Van Tornhout, Holy Cross College (Cosette Fox, Isaac Desta, Faculty Sponsor)

69 Attitudes Towards Sexual Entitlement in Online Communities
Sydney Ruggles, Bradley University (Dr. Lane Beckes, Faculty Sponsor)

70 Examining the Influence of Gender and Relationships on Career Goals for Men and Women
Sara Kira Schneider, University of Missouri; Amanda Rose, University of Missouri (Dr. Amanda Rose, Faculty Sponsor)

71 Everyday Celebrity
Madeline Fischer, University of Wisconsin-Green Bay; Regan A. R. Gurung, University of Wisconsin, Green Bay; Kassidy Murphy, UW-Green Bay (Regan Gurung, Faculty Sponsor)

72 What Could’ve, Would’ve, Should’ve Been: Counter-Factual Thinking in Division I Student-Athletes

Keegan Fornoff, Southeast Missouri State University; Jeremy Heider, Southeast Missouri State University (Dr. Jeremy Heider, Faculty Sponsor)

73 The Relationship Between Social Approval and Sexual Harassment

Mitchell Murphy, Xavier University (Dr. Dalia Diab, Faculty Sponsor)

74 Perceptions of Coach's Response to Stress on Football Player's Quality of Experience

Taylor McVay, John Carroll University (Dr. Yost, Faculty Sponsor)

75 My Best Co-Worker Is Myself: How person/thing orientation affects selection preference

Jacob Schneider, Purdue University; Angela Receveur, Purdue University (William G. Graziano, Faculty Sponsor)

76 Facebook, Personality, and Political Orientation

Katherine Nace, Truman State University; Taylor Coy, Truman State University; Eleanor Gershman, Truman State University; Emily Searl, Truman State University; Yuna Ferguson, Truman State University (Dr. Yuna Ferguson, Faculty Sponsor)

77 Counterfeit diversity: Exaggerating workplace gender diversity increases threat and undermines organizational trust

Audrey Fried, Indiana University; Kathryn Kroeper, Indiana University-Bloomington; Mary C. Murphy, Indiana University (Mary C. Murphy, Faculty Sponsor)

78 The Impact of Collaborative vs. Competitive Video Game Play on Effective Collaboration and Performance

Tyson Jenkins, Dakota Wesleyan University (Anne Kelly, Faculty Sponsor)

79 The Influence of Scarcity on Locus of Control and Self-Evaluation

Brandon Scharmer, Dakota Wesleyan University (Anne Kelly, Faculty Sponsor)

80 Mirror Selfies and Objectivity

Kassidy Murphy, UW-Green Bay; Madeline Fischer, University of

Wisconsin-Green Bay; Regan A. R. Gurung, University of Wisconsin, Green Bay (Regan Gurung, Faculty Sponsor)

81 Connections Between Philosophical Viewpoints, Moral Reasoning and Decision Making
Brent Rowland, Shawnee State University; Brian Richards, Shawnee State University (Dr. Brian Richards, Faculty Sponsor)

Psi Chi Poster Session III
Cognitive & Other

Thu 9:40AM - 10:25AM Upper Exhibit Hall

1 Music, Emotions and Memory
Savannah Lewis, Ashland University (Mitchell Metzger, Faculty Sponsor)

2 A Child's Perspective on Learning; Are Children Better at Solving Functional Fixedness Tasks?
Joseph Finke, Xavier University (Dr. Cindy Dulaney, Faculty Sponsor)

3 The Effect of Retrieval on Misinformation Encoding
Alejandra Castillo, Morningside College; Jessica LaPaglia, Morningside College (Jessica LaPaglia, Faculty Sponsor)

4 Interaction of Cognitive Load and White Noise on Memory of Auditory Lessons
America Maxwell, Missouri Southern State University; Shobi Grotts, Missouri Southern State University; Sydney Bruenn, Missouri Southern State University (Dr. Anthony Adamopoulos, Faculty Sponsor)

5 Age-Related Differences in Voluntary and Involuntary Autobiographical Memory
Ava Peterson, Missouri University of Science and Technology; Raelynn Twohy, Missouri University of Science and Technology; Elena Bai, Missouri University of Science and Technology; Annie Birt, Missouri University of Science and Technology; Adam Lewey, Missouri S&T; Claire

Neill, Missouri University of Science and Technology; Amy Belfi, Missouri University of Science and Technology (Amy Belfi, Faculty Sponsor)

6 *PSI CHI AWARD WINNER*
Picture This! Elaborative rehearsal may not improve memory for images
Alena Marrese, Truman State University; Grant Wallace, Truman State Univeristy (Dr. Robert Tigner, Faculty Sponsor)
This study investigated whether repeated testing and depth of processing both improve memory for images in the same way they do for words. Repeated testing was found to boost image recall, but semantic processing did not improve recall or recognition as much as did attending to physical features.

7 Child Speaker Identification: Accuracy, Reaction Time, and Engagement with Children
Darby Baird, Hope College; Abigail Meder, Hope College; Elizabeth Woodford, Hope College (Sonja Trent-Brown, Faculty Sponsor)

8 Exploring the Effects of Contextual Influences on Cognitive Processing through the Use of Silent Centers
Elizabeth Woodford, Hope College; Abigail Meder, Hope College (Sonja Trent-Brown, Ph.D., Faculty Sponsor)

9 Students' Writing Beliefs and Practices:
Julie Lynch, Saginaw Valley State University; Whitney Smith, Saginaw Valley State University (Julie S. Lynch, Faculty Sponsor)

10 Changing Individuals’ Interpretations of Past Events: The Effects of Time and Mood on Memory Valence
Denise Sandoval, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, PhD, Faculty Sponsor)

11 Impact of Suggestion and Time on Eyewitness Memory
Jessica Wilson, Ashland University (Mitchell Metzger, Faculty Sponsor)

12 To Blink or Not to Blink
Emmely Ovalle, Centre College; Keeghan Francis, Centre College; Ashley Lewis, Centre College; John Wilson, Centre College (KatieAnn Skogsberg, Faculty Sponsor)

13 The Effects of Music on Emotion Regulation Following a Cognitive Challenge
Karen Weldler, North Park University; Kathryn O'Toole, North Park University; Kezia Shirkey, North Park University (Kathryn J. O'Toole, Kezia C. Shirkey, Faculty Sponsor)

14 Products as Pals: Can Anthropomorphic Devices Substitute for Humans Following Social Exclusion?
Shelby Muschler, DePaul University; Christopher Cole, DePaul University; Sheila Krogh-Jespersen, Northwestern University; James Mourey, DePaul University (Dr. Kimberly Quinn, Faculty Sponsor)

15 The Effects of a High Gluten Diet on Social Interaction in Rats
Sara Myers, University of Missouri; Paige N. Michener, University of Missouri; Rachel A. Richardson, University of Missouri; Isabella North, University of Missouri; Olivia Fahr, University Of Missouri; Madison Feigen, University of Missouri; Todd R. Schachtman, University of Missouri, Columbia (Todd Schachtman, Faculty Sponsor)

16 Successive Relearning Boosts Student Achievement in an Upper-level Science Course
Abigail O'Brien, Kent State University; Alesia Lambert, Kent State University; Jessica Janes, Kent State University; John Dunlosky, Kent State University; Katherine Rawson, Kent State University (John Dunlosky, Jessica Janes, Faculty Sponsor)

17 Investigation of Digital Non-Human Co-Actors in the Joint Simon Task: An Extension of Stenzel and Liepelt (2016)
Christine Petersen, Purdue University; Isis Chong De la Cruz, Purdue University; Robert Proctor, Purdue (Robert W. Proctor, Faculty Sponsor)

18 Exploring Ways to Quantify Heterogeneity of Appearance in Categories

Kory Scherer, Carthage College; Arryn Robbins, Carthage College (Arryn Robbins, Faculty Sponsor)

19 Comparing Effects of Experimenter-Selected, Self-Selected, and No Music on Emotion and Multitasking Performance
Alyssa del Plaine, University of Wisconsin-River Falls; Claire Erickson, University of Wisconsin-River Falls (Travis Tubre, Faculty Sponsor)

20 Effects of pre-versus post-learning stress on memory for emotional information
Nicholas Martinez, Xavier University (Dr. Cynthia Dulaney, Faculty Sponsor)

21 Effects of Context on Identification of Letters
Allison Womack, University of Missouri; Todd R. Schachtman, University of Missouri, Columbia (Todd Schachtman, Faculty Sponsor)

22 The Relationship Between Implicit Theories about Intelligence and Personality, Grit, and Academic Achievement
Lucy Campos, Holy Cross College (Felicia Reid-Metoyer, Cosette Fox (PhD), Faculty Sponsor)

23 Note-taking Habits of 21st Century College Students: Implications for Student Learning, Memory, and Achievement
Christopher Gifford, Kent State Univeristy; Rachel Hall, Kent State University; Kayla Morehead, Kent State University; John Dunlosky, Kent State University (John Dunlosky, Faculty Sponsor)

24 The External Feature Advantage in Handwritten Word Perception
Micala Giammarino, Carthage College; Madison Gliosci, Carthage College; Emily Furmanek, Carthage College (Anthony Barnhart, Faculty Sponsor)

25 The Influence of Interhemispheric Interaction on Humor Style
Hilary Tesluck, University of Michigan - Flint; Natalya Zerka, University of Michigan - Flint (Jeannette Stein, Faculty Sponsor)

26 Evolutionary Psychology: Is Mental Health Contagious?
Maddison Whitmore, University of St. Thomas; Benjamin Kraemer, University of St. Thomas; McKenna Mayne, University of St. Thomas; Tess Lattery, University of St. Thomas (Dr. Greg Robinson-Riegler, Faculty Sponsor)

27 The Influence of Music on Language Learning
Laura Hoiten, Dakota Wesleyan University (Anne Kelly, Faculty Sponsor)

28 State of the Art: Intimate Physical Contact and Art Value
Sarah Insko, Centre College; Lily Andersen, Centre College; Drew Morris, Centre College (Drew Morris, Faculty Sponsor)

29 Does the 30 Million Word Gap Influence Event Recall? The Relationship between SES, Vocabulary, and Autobiographical Memories from Childhood
Jennetta Dunbar, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

30 Misdirected by Gender: The Impact of Performer Gender on Perceptions of a Magic Performance
Noah Griser, Carthage College; Matthew Schuler, Carthage College (Anthony Barnhart, Faculty Sponsor)

31 An Examination of the Influence of Serial Position on False Recall and Recognition
Josephine Audiffred, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

32 How'd you do on that exam? The effects of mood and question order on self-judgments of performance.
Hallie Krueger, University of Wisconsin-River Falls; Gina Strzyzewski, University of Wisconsin-River Falls (Abigail Jackson, Ph.D., Faculty Sponsor)

33 Investigating the Link Between Eye Movements and Related Speech Under Working Memory Load

Yelim Kim, Andrews University (Karl G. D. Bailey, Faculty Sponsor)

34 Sarcasm as a Factor of Negativity Bias in Memory

Lainie Stull, Rochester College (Dr. Robyn Siegel-Hinson, Faculty Sponsor)

35 False Memories as a Function of Mode of Presenting Information

Ashley Demers, Western Illinois University; John Paul Arriaga, Western Illinois University (Kristine Kelly, Faculty Sponsor)

36 A Relationship Worth Waiting For: Priming Gratitude's Effect on Temporal Discounting in Romantic Relationships

Meagan Kluver, University of St. Thomas; Mariah Glinski, University of St. Thomas; Maria Hayes, University of St. Thomas (Greg Robinson-Riegler, Faculty Sponsor)

37 Age differences in encoding actions for everyday activities

Jameson Brehm, Kansas State University; Jennica Rogers, Kansas State University; Maverick Smith, Kansas State University; Heather Bailey, Kansas State University (Dr. Heather Bailey, Faculty Sponsor)

38 Does Higher Power Suggest Higher Order Perception? The Role of Religion, Religiosity, and Global Precedence

Megan Lindloff, University of St. Thomas; Victoria Theisen, University of St. Thomas; Katie Nickoloff, University of St. Thomas; Katie Dowling, University of St. Thomas (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

39 Everyone Makes Mistakes: Ironic Processes as They Relate to Individual Differences

Jordan Johnson, University of St. Thomas; Allison Kruse, University of St Thomas; Lauren Yanisch, University of St. Thomas (Gregory Robinson-Riegler, Faculty Sponsor)

40 Emergence of Friendship Memories in Relation to Empathy and Self-Construal

Nancy Bury, University of St. Thomas; Kaylie Vincent, University of St.

Thomas; Malia Sherred, University of St. Thomas, MN (Dr. Gregory L. Robinson-Riegler, Faculty Sponsor)

41 A Picture is Worth Zero Words When You Can't Remember it; The Effects of Taking Photos on Object Memory
Allison Ebertz, University of St. Thomas MN; Michaela Vondrum, University of St. Thomas; Maggie Applegarth, University of St. Thomas; Alexis Kunze , University of Saint Thomas; Mary Leslie , University of Saint Thomas (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

42 The Effects of Language Learning on Cognitive Function in College Students
Nina Andre, Anderson University; Madison Fisher, Anderson University (Dr. Robert Franklin, Faculty Sponsor)

43 Activating Acting Wisely: Investigating the Role of Tacit Knowledge in Collegiate Success
Kristina Klein, University of St. Thomas (Dr. Greg Robinson-Riegler, Faculty Sponsor)

44 Image-Focused Media and the Implications for Body Dysmorphic Disorder Symptoms
Carla Bennett, Augustana College (Daniel Corts, Faculty Sponsor)

45 New directions for the Cognitive Reflection Test: An Item Response Theory Approach
Joseph Martis, Texas Tech University; Tyler Davis, Texas Tech University; Mark LaCour, Texas Tech University (Dr. Tyler Davis, Faculty Sponsor)

46 Seeing Stars: The Long Term Neural Implications of Mild Traumatic Brain Injury on Executive Function
Shayla Warren, University of Wisconsin- Green Bay (Jason Cowell, Faculty Sponsor)

47 Dark Triad of Personality and Speaker Aggression
Connor Sullivan, Slippery Rock University; Linda Veronie, Slippery Rock University of Pennsylvania (Dr. Linda Veronie, Faculty Sponsor)

48 Ghosts and Psychics: The Relationship Between False Memory Recall and Paranormal Beliefs
Noah Robinson, University of St. Thomas; Ian Bonar, University of St. Thomas; Robel Ponds, University of St. Thomas (Dr. Robinson-Riegler, Faculty Sponsor)

49 Openness, Agreeableness, and Speaker Violence
Connor Sullivan, Slippery Rock University; Alyssa Geer, Slippery Rock University (Dr. Christopher Niebauer, Faculty Sponsor)

50 Examining Character and Outcome Valence in Confabulation for Missing Scenes
Shashidhar Sastry, Texas Tech University; Michael Serra, Texas Tech University (Dr. Michael J. Serra, Faculty Sponsor)

51 Creating Meaningfully Distinct Risk Categories for Juvenile Recidivism Risk Assessment Tools
Benjamin Nguyen, Grinnell College (Christopher Ralston, Faculty Sponsor)

52 How to Get Better: The Effects of Pre-Performance Routines and Inspiration on Performance
Ryan Gallagher, Xavier University (Dr. Cindy Dulaney, Faculty Sponsor)

53 Combining Risk Assessment Tools for Juveniles Who Have Sexually Offended: Predictive and Incremental Validity
Sadie Kirschenman, Grinnell College (Christopher Ralston, Faculty Sponsor)

54 *PSI CHI AWARD WINNER*
Perceived Similarity of Autism as a Factor Affecting Stigma
Victoria Pezzino, Xavier University (Dr. Cynthia Dulaney, Faculty Sponsor)
The present study examined if college students perceived similarity of individuals with autism reduced stigma reported. The findings indicate increasing knowledge and decreasing misconceptions about autism may allow more opportunities for individuals to befriend those with autism and aid individuals with autism face less stigma entering the college community/work force.

55 Power of Psychological Science: A National Study of Research Methods

Rosalyn Stoa, University of Wisconsin - Green Bay (Regan A. R. Gurung, Faculty Sponsor)

56 Gauging the Engagement: Levels of Involvement, Satisfaction, and Success in a Psychology Undergraduate Program

Rosalyn Stoa, University of Wisconsin - Green Bay; Nicholas Livingston, University of Wisconsin-Green Bay (Ryan Martin, Faculty Sponsor)

57 *PSI CHI AWARD WINNER*

A Test of the Factor Structure of the Multidimensional Sexuality Questionnaire

Tressa Forrest, Luther College (David Bishop, Ph.D., Faculty Sponsor)

The original authors of the Multidimensional Sexuality Questionnaire (MSQ) proposed that the MSQ would elicit a factor structure with 12 factors. However, after a confirmatory factor analysis was conducted, the proposed factor structure was not found. The current study also revealed a factor structure that did not include 12 factors.

58 You're too pretty to just be Black...

Angelica Parker, Baldwin Wallace University; Chanelle Childers, Baldwin Wallace University; Quaneisha Murphy, Baldwin Wallace University; Deb Esty, Baldwin Wallace (Debora Esty, Faculty Sponsor)

59 A comparison of the ability of an extinguished CS and a CS given conditioned inhibition training on the ability to pass tests for inhibition

Isabella North, University of Missouri; Rachel A. Richardson, University of Missouri; Paige N. Michener, University of Missouri; Olivia Fahr, University Of Missouri; Sara Myers, University of Missouri; Todd R. Schachtman, University of Missouri, Columbia (Todd R. Schachtman, Faculty Sponsor)

60 Physical Aggression as an Indicator of Everyday Sadism

Michaela Lillie, Central College; Devin Dilley, Central College; Jessica Makenas, Central College; Josh Scheible, Central College (Ashley Scolaro, Faculty Sponsor)

61 “What is inward, is absorbed:” The Effect of Poetry on Developing Empathy

Samantha Fain, Franklin College (Kristin Flora, Faculty Sponsor)

62 Cell Phone Use Among College Students

Rebecca Little, Kent State University (Rachael Blasiman, Faculty Sponsor)

63 Influences on academic achievement among college students

Megan Boxrud, University of Wisconsin - River Falls; Julie Geving, University of Wisconsin - River Falls (Melanie Ayres, Faculty Sponsor)

64 Student-Athletes: Perspectives on Role Transitions

Malissa LeClaire, Upper Iowa University; Melinda Heinz, Upper Iowa University (Dr. Melinda Heinz, Faculty Sponsor)

65 Aspects of Religiosity on Foster Parents' Stress and Sense of Competency

Bailey Swain, Northwestern College; Jennifer Feenstra, Northwestern College; Laird Edman, Northwestern College (Dr. Jennifer Feenstra, Dr. Laird Edman, Faculty Sponsor)

66 *PSI CHI AWARD WINNER*

The Relationships Between the Big Five Personality Traits and Depression, Anxiety, and Stress

Brendan Keska, Lewis University (Dr. Ann Jordan, Faculty Sponsor)

Certain personality traits may make individuals susceptible to stress, anxiety, and depression. The present study investigated the relationships between the Big Five personality traits and the prior emotional states. Individuals with high levels of Neuroticism, and low levels of Extraversion, Conscientiousness, and Agreeableness are susceptible to stress, anxiety, and depression.

67 Examining the Relationship between Resilience, Trauma and Life Satisfaction

Kaylie Vincent, University of St. Thomas; Katy Struntz, University of St. Thomas; Halla Henderson, University of St. Thomas; Carly Linder-Roman, University of St. Thomas (Dr. John R. Buri, Faculty Sponsor)

68 Assessing Romantic Relationships in the Age of Social Media
Rebecca Bullock, University of St. Thomas; Kristina Klein, University of St. Thomas; Keghan Tiernan, University of St. Thomas (Dr. Greg Robinson-Riegler, Faculty Sponsor)

69 The Importance of Individualized Learning Courses in a Psychology Major
Shayla Warren, University of Wisconsin- Green Bay; Rosalyn Stoa, University of Wisconsin - Green Bay; Kate Sorebo, University of Wisconsin-Green Bay; Stephanie Nielson, University of Wisconsin-Green Bay; Samantha Alger-Feser, UW- Green Bay; Taylor Gulbrand, University of Wisconsin- Green Bay (Ryan Martin, Faculty Sponsor)

70 The Big Five and the Self-Assessed Abilities to Tell and Detect Lies, Tell Truths, and Believe Others: A Replication Study
Holly Affetto, Lewis University; Alexandra Lockhart, Lewis University (Dr. Ann Jordan, Faculty Sponsor)

71 Student Athletes' Perception of Value and Effectiveness of Sport Psychology Services as Influenced by the Practitioners' Training and Gender: A Qualitative Approach
Danielle Vetsch, University of Wisconsin - La Crosse; Alessandro Quartiroli, UW - La Crosse; Zachary Biehn, University of Wisconsin - La Crosse (Dr. Alessandro Quartiroli, Faculty Sponsor)

72 Writing Quality Assessment Based on Perceived Use of Academic Support Services
Tanner Fischer, Peru State College (Kelli Gardner, Faculty Sponsor)

73 Sexual Assault on a Rural College Campus
Cassidy Zeilbeck, Upper Iowa University (Melinda Heinz, Faculty Sponsor)

74 Predicting Personality and Psychopathology from Social Media Big Data
Gregory Serapio-Garcia, University of Notre Dame (David Watson, Faculty Sponsor)

75 Do students living in first-year-specific residence halls show an increase in academic success compared to students who do not live in first-year-specific residence halls?

Elizabeth Russell, Manchester University; Steven Grimes, Manchester University; Kasia Melham, Manchester University; Shakira Perez, Manchester University (Dr.Marcie Coulter-Kern, Faculty Sponsor)

76 A deep dive into the college experience: The benefits and understudied costs of being highly engaged on a college campus

Taylor Gulbrand, University of Wisconsin- Green Bay; Georjeanna Wilson-Doenges, University of Wisconsin-Green Bay (Dr. Georjeanna Wilson-Doenges, Faculty Sponsor)

77 Zero-Sum Gender Beliefs: Examining Conformity to Masculine Norms as a Moderator

Bradley Koehler, University of Wisconsin-La Crosse (Dr. Ryan McKelley, Faculty Sponsor)

78 How self-confidence affects competition success among college athletes.

Lara Peco, Upper Iowa University; Melinda Heinz, Upper Iowa University (Dr. Melinda Heinz, Faculty Sponsor)

79 The Effects of Mentorship Experiences on the Academic Self-Concept of College Students

Michelle Jiles, Southern Illinois University Edwardsville; Sarah Conoyer, Southern Illinois University Edwardsville; Elora Voyles, Southern Illinois University Edwardsville (Sarah Conoyer, Elora Voyles, Faculty Sponsor)

80 The Relationship Between Trait Expectations, Mood, and Goal Attainment

Mohammed Al-Hamed, Indiana University - Purdue University Indianapolis (Kevin L. Rand, Faculty Sponsor)

81 A Confirmatory Analysis of The Early Identification System

Levi Doyle-Barker, University of Missouri - Columbia; Keith Herman, University of Missouri - Columbia (Keith Herman, Faculty Sponsor)

82 The Effects of Flashcard Study Techniques on Recall & Recognition
Alyssa Miller, Southeast Missouri State University; Alison Whiteford Damerall, Southeast Missouri State University (Dr. Alison Whiteford-Damerall, Faculty Sponsor)

83 Retrospective Revaluation Effects in Causal Attribution
Sumin Nam, University of Missouri-Columbia (Dr. Todd Schachtman, Faculty Sponsor)

Psi Chi Poster Session IV
Biological & Social

Thu 10:30AM - 11:15AM Upper Exhibit Hall

1 Effects of alcohol and nicotine co-dependence in a binge-like animal model
Shriya Vinjimoor, Butler University (Dr. Jennifer Berry, Faculty Sponsor)

2 "Wide-Awake Drunk": Observing the Effects of Combined Alcohol and Caffeine on Somatic Withdrawal Signs in C57BL/J Mice
Montana Jenkins, Butler University (Dr. Jennifer Berry, Faculty Sponsor)

3 Exploring benefits of Memantine Treatment in Autism Spectrum Disorder
Briann Sutton, University of Missouri - Columbia; Neetu Nair, University of Missouri - Columbia; David Beversdorf, University of Missouri - Columbia (David Q. Beversdorf, Faculty Sponsor)

4 Salivary Cortisol Levels Before and After Acclimation and Experimental Manipulation in IAF Hairless Guinea Pigs
Sarah Gann, Wright State University (Gale Kleven, Faculty Sponsor)

5 How Stress and DHA Change Food, Water Consumption, and Weight
Yujing Lin, University of Missouri-Columbia; David Beversdorf, University of Missouri - Columbia; Taeseon Woo, University of Missouri-Columbia (David Beversdorf, Faculty Sponsor)

6 Devaluation in Humans Using Intertrial Interval as Reinforcer
Hongyu Lin, Kansas State University; Charday Long, Kansas State University; Charles Pickens, Kansas State University (Charles Pickens, Faculty Sponsor)

7 Piriform Cortex inputs to Granule Cells as Modulators of Excitability leading to Olfactory Bulb Beta Oscillations
Nora Bradford, University of Chicago; Vivian Nguyen, University of Chicago; Emily Tao, University of Chicago (Dr. Leslie Kay, Faculty Sponsor)

8 The effects of biased auditory sex ratios on ejaculation parameters in healthy human males (Homo sapiens).
Harper Jones, The College of Wooster; John Neuhoff, College of Wooster; Laura Sirot, The College of Wooster (John Neuhoff, Laura Sirot, Faculty Sponsor)

9 Drinking in the Dark: Voluntary Co-Consumption of Nicotine and Alcohol for Binge-like Drinking Behavior in Mice
Katherine Benson, Butler University; Jennifer Berry, Butler University (Dr. Jennifer Berry, Faculty Sponsor)

10 Physiological Synchrony Following a Joint Task
Dakotah Kinsella, Augustana College; Juliana Silva, Augustana College; Matthew Hayes, Augustana College; Rupa Gordon, Augustana College; Rachel Heah, Augustana College (Dr. Rupa Gordon, Faculty Sponsor)

11 An Experimental Examination of Trauma-Informed Touch: Adverse Childhood Events (ACEs) and Cortisol Reactivity
Carrie Burnett, Webster University (Stephanie Schroeder Ph.D, Eric Goedereis Ph.D, Faculty Sponsor)

12 Forever in a Moment: The Overestimation During a Physical Stressor Task
Samantha Ebert, Lindenwood University; Keersten Heinrich, Lindenwood University; Kevin McGowan, Lindenwood University (Dr. Sara Bagley, Faculty Sponsor)

13 Intranasal vasopressin increases aggression at low doses and affiliation at high doses in California mice

Afra Alam, University of Wisconsin Madison (Catherine Marler, Faculty Sponsor)

14 *PSI CHI AWARD WINNER*

Investigation of serotonin-related gene expression and socioemotional behaviors as a result of early-life exposure to clomipramine in Sprague-Dawley mother rats

Brea Regula, Purdue University Northwest- Hammond; Nairuti Shah, Colgate University (Dr. Christina Ragan, Faculty Sponsor)

We investigated early-life exposure to clomipramine and observed socioemotional behaviors and serotonin-related gene expression in the brain in maternal and non-maternal Sprague-Dawley rats to better understand the effects early exposure to antidepressants have on socioemotional behaviors and to the serotonergic system in the developing brain.

15 *PSI CHI AWARD WINNER*

Establishing a Model of Post-Traumatic Stress Disorder in Adolescent Rats

Elizabeth Wright, Bradley University; McKenzie Ruyle, Bradley University; Jacob O'Russa, University of Illinois-Urbana Champaign; Brian C. Cheline, Bradley University; Julian Mercado, Bradley University; Carrissa Multon, Bradley University (Timothy Koeltzow, Faculty Sponsor)

The present experiment examined the behavioral consequences of exposure to a single-prolonged stressor (SPS) in adolescent rats. Assessment of locomotor activity and behavioral anxiety exhibited robust long-term behavioral consequences of this model of Post-Traumatic Stress Disorder (PTSD).

16 Rat Exploratory Behavior Predicts Innate Immune Response to Stimulus

Kamille King, Ms.; Anika Paulson, University of Minnesota Morris; Liz Melsson, University of Minnesota Morris; Kerry Michael, University of Minnesota, Morris (Kerry Michael, Faculty Sponsor)

17 Quantitative Comparison of Nonhuman Primate Environmental Enrichment across US Research Facilities, Sanctuaries, and Zoos:

Application of a Standardized Assessment Tool.
Erin Schoenbeck, University of Wisconsin - Madison; Amanda Novak, University of Wisconsin - Madison; Peter Pierre, WNPRC University of Wisconsin-Madison; Allyson J. Bennett, University of Wisconsin-Madison; Kelsey Christianson, University of Wisconsin - Madison- Madison (Allyson J. Bennett, Faculty Sponsor)

18 Effects of Enhanced Cognitive Experience on Macaque Hair Cortisol Concentrations
Brooke Meidam, University of Wisconsin-Madison; Peter Pierre, WNPRC University of Wisconsin-Madison; Allyson Bennett, University of Wisconsin-Madison (Allyson J. Bennett, Faculty Sponsor)

19 Avenues and Obstacles to Authenticity Among African American Adults
Alexis Wilkinson, University of Missouri Columbia; Laura King, University of Missouri, Columbia; Jake Womick, University of Missouri-Columbia (Laura King, Faculty Sponsor)

20 The Lasting Impact of Mentorship: Past Involvement as a Predictor for Future Interest Level.
Samantha Schwartz, Depaul University; Audrey Jewett, DePaul University (Sebastian Torres, Faculty Sponsor)

21 Involvement in Organized Competitive Sport and its Effects on Overall Mental Well-Being
Brianna Reeder, University of Wisconsin-La Crosse; Samantha Harding, University of Wisconsin-La Crosse (Alessandro Quartiroli, Faculty Sponsor)

22 Attitudes Towards Help Seeking Behaviors in Collegiate Student-Athletes
Jordan Morton, McKendree University (Guy Boysen, Faculty Sponsor)

23 Are Grandiose Narcissists More Susceptible to the Dunning-Kruger Effect?
Alec Ducham, Bradley University; Anthony Hermann, Bradley University; Lane Bekes, Bradley University (Anthony Hemann, Lane Bekes, Faculty Sponsor)

24 Effects of Skin Tone on Suspension of High School Students for Subjective and Objective Misbehaviors
Shanyce Matthews, Mount St. Joseph University (Dr. Tim Lawson, Faculty Sponsor)

25 Thinking outside the brick: The effect of Collective Intellectual Humility on Group Creativity
Caitlyn Heidenga, Hope College; Michala Ringquist, Hope College (Dr. Benjamin Meagher, Faculty Sponsor)

26 Differences in Moral Expectations Between Humans and AI
Timothy Maninger, Missouri University of Science and Technology; Daniel Shank, Missouri University of Science and Technology (Dr. Daniel Shank, Faculty Sponsor)

27 Social Support and Fundamentalism as Predictors of Religious Internalization
David Sherman, Andrews University (Karl G. D. Bailey, Faculty Sponsor)

28 The Examination of the Association between Implicit Theories of Relationships and Infidelity Experience and the Moderating Role of Self-Reported Sexual Identity
Kassie Haedtke, University of Minnesota Duluth; Dallas Capesius, University of Minnesota Duluth; Ashley Thompson, University of Minnesota Duluth (Ashley E. Thompson, Faculty Sponsor)

29 Empathy Towards Sexual Assault Victims
Emily Bemis, Rochester College (Dr. Robyn Siegel-Hinson, Faculty Sponsor)

30 Pets as Attachment Figures for Humans
Hannah Kaganac, Rochester College (Dr. Robyn Siegel-Hinson, Faculty Sponsor)

31 The Effects of Lineup Instructions on Eyewitness Identification Rates in Real World Settings
Brittney Byrd, Andrews University (Dr. Harvey Burnett, Faculty Sponsor)

32 Masculine Characteristics in Female Student-Athletes at Co-ed and Single Sex Institutions
Katie Shaffer, Saint Mary's College (Rebecca Stoddart, Faculty Sponsor)

33 What does your computer desktop say about you? Perceiving personality from computer desktops
Ross Boley, The Ohio State University; BRAD OKDIE, The Ohio State University at Newark (Dr. Okdie, Dr. Weiss, Faculty Sponsor)

34 Stereotypes and sports: Racial stereotypes of Black and White athletes
Zachary John, Ohio University; Bryan Cavanaugh, Ohio University (Dr. Kimberly Rios, Faculty Sponsor)

35 Out of the Closet: Perceptions of IPV Among Same-sex Couples
Jacob Broschart, DePaul University; Tiffany Freeman, DePaul University; Kalee Principato, DePaul University; Theresa Luhrs, DePaul (Dr. Theresa Luhrs, Faculty Sponsor)

36 I'm Not Mad: How Attachment Styles Perceive Facial Expression
Janika Grimlund, Greenville University (Dr. Eric Watterson, Faculty Sponsor)

37 The Association between Stigmatizing Beliefs about Mental Illness and Religiosity
Madeline Rockhold, Marquette University; Elizabeth Marston, Marquette University (Dr. Stephen Saunders, Faculty Sponsor)

38 Factors Affecting Persistence in Seeking Medical Attention for Stroke
Natalie Jaramillo, University of Illinois at Chicago; Tayler Jones, University of Illinois at Chicago; Kelly Burke, University of Illinois at Chicago; Kairra Brazley, University of Illinois at Chicago; Kaitlynn Richardson, University of Illinois at Chicago; Adil Jahangir, University of Illinois at Chicago (Bette L. Bottoms, Faculty Sponsor)

39 The Effects of a Service Dog and Familiarity of Context on Predicted Performance: Differences as a Function of Profession
Anne Englehardt, Carroll University; Tara Schmidt, Carroll University (Dr. Tara Schmidt, Faculty Sponsor)

40 Undergraduate College Student Attitudes About Dating Applications
Justine Michael, University of Wisconsin River Falls; Anna Faffler, University of Wisconsin River Falls (Melanie Ayres, Faculty Sponsor)

41 Effects of Perpetrator's Sex and Gender Stereotypes on Perceived Severity of Intimate Partner Violence
Emily Fitzpatrick, Berea College (Robert Smith, Faculty Sponsor)

42 The Impact of Reminders of Racial Inequality and Ethnic Identification on Perceptions of Racial Protest Groups
Elisabeth Noland, Valparaiso University; Geoffrey Wetherell, Valparaiso University (Geoffrey Wetherell, Faculty Sponsor)

43 Stereotype Threat and Spatial Performance: Does gender identification mediate a stereotype threat?
Samantha Boomgarden, Eastern Illinois University (Caridad Brito, Faculty Sponsor)

44 Replicating Srull and Wyer's Hostile Priming Effect: One Study in a Multi-Site Collaboration
Adam Bitar, Bradley University; Anthony Hermann, Bradley University (Anthony Hermann, Faculty Sponsor)

45 Evaluations of Men's and Women's Emoji Use in Workplace E-Mail
Bryce Wallgard, Aurora University; Sheila McCusker, Aurora University (Renae Franiuk, Faculty Sponsor)

46 Stop Objectifying
Samantha Alger-Feser, UW- Green Bay; Nicholas Livingston, University of Wisconsin-Green Bay; Regan A. R. Gurung, University of Wisconsin, Green Bay (Dr. Regan Gurung, Faculty Sponsor)

47 Academic and Campus Party Culture Participation

Zacchaeus Martin, Wittenberg University; Rinn Ramcke, Wittenberg University; Eleanor Wenner, Wittenberg University; Antonia Turner, Wittenberg University (Lauren Crane, Faculty Sponsor)

48 Enhancement Motives for Sexting on Men's and Women's Positive Affect

Abbie Hennig, University of Minnesota Duluth; Emma Deihl, University of Minnesota Duluth; Ashley Thompson, University of Minnesota Duluth; Carissa Harvey, University of Minnesota Duluth (Ashley Thompson, Faculty Sponsor)

49 Adaptive decision-making as a mediator between self-complexity and stress

Jeremy Foust, Baldwin Wallace University; Stephanie Richman, Baldwin Wallace University (Dr. Stephanie Richman, Faculty Sponsor)

50 Can We Reduce Implicit Bias? A Longitudinal Intervention Study

Janae McDonald, Centre College; Laura Hopkins, Centre College; Jennifer Goetz, Centre College (Jennifer Goetz, Faculty Sponsor)

51 Using manipulative materials in statistics: The impact of manipulatives on learning and self-efficacy.

Golda Danquah, The Ohio State University, Newark (Bradley M. Okdie, Elizabeth Weiss, Faculty Sponsor)

52 How Student Involvement Influences Perceptions of Fit

Victoria Arndt, Maryville University (Dustin Nadler, Faculty Sponsor)

53 The Effect of Threat on Need for Certainty in Conservative Males

Juliette Koepke, John Carroll University (John H. Yost, Ph.D., Faculty Sponsor)

54 *PSI CHI AWARD WINNER*

Does Social Media Use Buffer Against the Negative Consequences of Ostracism?

Shelby Barr, Radford University; Nicole Iannone, Radford University;

Courtney Weibley, Penn State York (Nicole L. Muscanell, Faculty Sponsor)
Social media may provide resistance to the negative consequences of ego threats like ostracism. Participants went on social media, were intentionally excluded in a virtual ball-tossing game, and answered various questions assessing their ego and self-esteem. It is expected that viewing social media profiles provides a buffer to ego threats.

55 Perceptions of Ally Confrontations

Celine Jusuf, Purdue University; Laura Hildebrand, Purdue University; Margo Monteith, Purdue University (Dr. Margo Monteith, Faculty Sponsor)

56 Decision-making across culture: a study of risk aversion in the United States and the Republic of Indonesia

Jenifer Fidelia, Berea College (Robert Smith, Faculty Sponsor)

57 A Flipping Dilemma

Boryan Song, Maryville University; Samantha Boewer, Maryville University; Jordan Michalski, Maryville University; Victoria Arndt, Maryville University (Dr. Dustin Nadler, Faculty Sponsor)

58 Attitudes toward Gun Violence

Daniel Miller, Purdue Fort Wayne; Alyssa Hamilton, Purdue Fort Wayne; Makayla Scherer, Purdue Fort Wayne; Catalina Todd, Purdue University Fort Wayne (Daniel Miller, Faculty Sponsor)

59 *PSI CHI AWARD WINNER*

Resource Allocation and Political Ideology

Cory Rauch, & Eddiberto Flores, University of Wisconsin - Green Bay (Dr. Jason Cowell, Faculty Sponsor)
This study explores the relationship between political ideology along a left-right spectrum and underlying processes employed in determination of ‘fair’ or ‘unfair’ resource allocations. Utilizing two tasks, participant determined allocation via sliding bar and judgement of pre-determined static allocations, differences in responses are expected to correlate with political ideology.

60 Perceptions of A College Student Peer Based on their Level of Endorsement of the “Heterosexual Script”

Sarah Campbell, Kenyon College; Alyssa Sugar, Kenyon College (Sarah Murnen, Faculty Sponsor)

61 Perceptions of Athletes’ Leadership

Julia Rodriguez, Xavier University; Michelle Rowekamp, Xavier University (Christian End, Faculty Sponsor)

62 Media's influence on Islamophobia

Dana Awlia, Ashland University (Dr. Christopher Chartier, Faculty Sponsor)

63 Gender and Perceptions of Obstacles to Educational Attainment and Early Career Success

Emily Meeker, Wartburg College (Dr. Cynthia Bane, Faculty Sponsor)

64 *PSI CHI AWARD WINNER*

Perceptions of Disputes between Partners

Jordan Michalski, Maryville University (Dustin Nadler, Faculty Sponsor)
Previous research has shown Intimate Partner Violence (IPV) is not more prevalent in one gender and in one socioeconomic status. The current study showed significance that gender and job status (SES) are influencing perceptions of victim or perpetrator in IPV. If stigmatization prevails IPV will be overlooked and wrongly accused.

65 Relationship Between the Big Five and Endorsement of Rape Myths

Elizabeth Altmann, University of Wisconsin Green Bay (Christine Smith, Faculty Sponsor)

66 Religiosity and Forgiveness: Are We Less Willing to Forgive Atheists?

Ryan Humphres, Jefferson College (Brandon Whittington, Faculty Sponsor)

67 Exploring the Predictive Validity of Implicit and Explicit Mate Criteria over Two Years

Marny Ehmann, Hope College (Dr. Carrie Bredow, Faculty Sponsor)

68 Students' Financial Situation and Attitudes Toward College
Ellie Buening, Maryville University (Dr. Peter Green, Faculty Sponsor)

69 Emotional Expression on Social Media
Torrey Lucido, University of Wisconsin- Green Bay; Sophia Sielen, University or Wisconsin-Green Bay; Ryan Martin, University of Wisconsin-Green Bay (Ryan Martin, Faculty Sponsor)

70 The Effects of Empathy on Biological and Cultural Forms of Stigma
Corrin Stines, Elmhurst College; Joshua E. VanArsdall, Elmhurst College (Joshua VanArsdall, Faculty Sponsor)

71 Rumination, Emotionality, and Problem Solving
Kiara Barnes, Western Illinois University (Kristine Kelly, Faculty Sponsor)

72 The Effects of Awe on Prosocial Behavior: Ingroup vs. Outgroup Favoritism
Sophia Liu, Centre College; Dominic Nayan, Centre College; Michael Leopold, Centre College (Dr. Matthew Kassner, Faculty Sponsor)

73 *PSI CHI AWARD WINNER*
Peer mentoring benefits and employment status: An examination of micro-level outcomes
Devon Burris, University of Wisconsin, River Falls; Geena Hocking, University of Wisconsin, River Falls (Richard Seefeldt, Ph.D., Travis Tubre, Ph.D., Faculty Sponsor)
We examined whether employment status was related to benefits in a first-year student peer mentoring program. Although both groups indicated significant benefits, employed students indicated reduced benefits compared to non-employed students. We will discuss program modifications that may reduce this discrepancy.

74 Let’s play Matchmaker! Investigating race and attractiveness preferences in online dating
Maya Holmes, Lindenwood University; Elizabeth Winder, Lindenwood University; Krystia Grembocki, Lindenwood University (Stephanie Afful, Faculty Sponsor)

75 Creativity is Awesome! Expanding mental frames through awe
Sarah Waldo, Centre College; Paul Sprick, Centre College (Dr. Matthew Kassner, Faculty Sponsor)

76 Numeracy and the Strength of Monetary versus Non-Monetary Incentives on Task Performance
Hayley Svensson, The Ohio State University; Brittany Shoots-Reinhard, The Ohio State University; Tyler MacDonald, The Ohio State University; Ellen Peters, The Ohio State University (Ellen Peters, Faculty Sponsor)

77 The Impact of Gender and Gender Attitudes on Respect toward a Stranger
Riya Shanavas, John Carroll University; Arianna Soika, John Carroll University (Dr. Tracy Masterson, Faculty Sponsor)

78 Existential Factors in Blood Donation: The Role of Neuroticism, Mortality Awareness, and Cultural Values
Regan Hill, University of Missouri; Tyler Jimenez, University of Missouri; Jamie Arndt, University of Missouri - Columbia (Dr. Jamie Arndt, Faculty Sponsor)

79 Men are strong, Women are weak: Do beliefs about physical strength enable discrimination against women?
Trisha Dehrone, Indiana University; Kathryn Kroeper, Indiana University; Mary C. Murphy, Indiana University (Mary Murphy, Faculty Sponsor)

80 Sticks and Stones: The Influence of Friendly Insult Greetings on Relationship Satisfaction
Emily Smith, Murray State University; Jana Hackathorn, Murray State University (Jana Hackathorn, Faculty Sponsor)

81 "I'm Fine!": Stereotype Threat Anxiety with Fake Stereotypes
Jessica Hodges, Murray State University; Jana Hackathorn, Murray State University (Dr. Jana Hackathorn, Faculty Sponsor)

82 Examining the Effect of External Structure on Responses to Thought-Control Difficulty

Jordan Rodriguez, University of Kansas; Mark Landau, University of Kansas (Mark Landau, Faculty Sponsor)

83 Pairing With A Purpose: Examination of an Applied Empirically Based Methodology Concerning An Urban At-Risk Youth Mentoring Program's Matching Approach

Savitri Lazarus, DePaul University; John McGill, DePaul University (Dr. Kathryn Grant, Ph.D., Faculty Sponsor)

84 Do Cell Phones Impair Social Intelligence?

Harley Spero, Western Illinois University; Brianne Minarsich, Western Illinois University (Kristine Kelly, Faculty Sponsor)

85 He Said, She Said: Effects of Speaker Gender on Perceptions of Advice Quality

Bethsaida Bucaram, Lindenwood University; Rebecca Foushee, Lindenwood University (Rebecca Foushee, Faculty Sponsor)

Psi Chi Poster Session V

Clinical & Health

Thu 11:20AM - 12:05PM Upper Exhibit Hall

1 A novel, affective, and temporally framed approach to exercise intervention for college-aged women

Eleanor Junkins, University of Toledo; Ashley Murray, University of Toledo; Andrew L. Geers, University of Toledo; Jason Rose, University of Toledo (Andrew Geers, Jason Rose, Faculty Sponsor)

2 We're All in this Together: Ayurveda and Biomedical Health Care Provider Perceptions of Pain Treatment in Southern India

Abigail Schwarz, North Central College; Leila Azarbad, North Central College; Shripathi Adiga, Manipal Academy of Higher Education, KMC Department of Ayurveda; Basavaraj Hadapad, Manipal Academy of Higher Education, KMC Department of Ayurveda (Dr. Leila Azarbad, Dr. Shripathi Adiga, Faculty Sponsor)

3 Long-Term Prognosis of Anorexia Nervosa: Patients' Perspectives on Compulsory Inpatient Treatment
Tawnie Nelson, University of Missouri-Columbia (Virginia Ramseyer Winter, Faculty Sponsor)

4 The Effects of Visual Disability Simulations with and without Adaptive Equipment on Attitudes Towards People with Disabilities
Sarah Rhoads, Fontbonne University (Jason Finley, Faculty Sponsor)

5 Caffeine: The College Student's Friend or Foe?
Gabrielle Ellis, Southern Illinois University Edwardsville; Amanda Denhof, Southern Illinois University Edwardsville; Lauren Ferris, Southern Illinois University Edwardsville; Alizeja Gipson, Southern Illinois University Edwardsville; Haley Sawyer, S (Laura Pawlow, Faculty Sponsor)

6 The Link Between Masculinity and Intimate Partner Violence in Honor and Non-Honor States
Mara Limbeck, University of Wisconsin - La Crosse (Bianca Basten, Faculty Sponsor)

7 Determinants of Patient Trust in Providers at the Behavioral Health Level
Emani Kelley, The College of Wooster (Barbara Thelamour, Faculty Sponsor)

8 Quantifying Nature; The Relationship between Fractal Dimensions, Preference & Restorative Benefits
Cheyenne Bunner, Centre College (Aaron Godlaski, Faculty Sponsor)

9 Caffeine and its role in the student experience
Brianne Howerton, Maryville University (Dr. Dustin Nadler, Faculty Sponsor)

10 The Role of Positive Deviance in Alcohol Consumption in College
Andrew Gorman, Central College; Keith Jones, Central College (Dr. Keith T. Jones, Faculty Sponsor)

11 Associations between Smoking and Personality among College Students
Gillian McManemin, Maryville University; Matthew Gewinner, Maryville University; Celia Deckelman, Maryville University; Julia Grant, Maryville University (Julia D. Grant, Faculty Sponsor)

12 Therapeutic Alliance in Pediatric Occupational Therapy
Cassie McLean, Wittenberg University (Dr. Stephanie Little, Faculty Sponsor)

13 The Impact of Task Interruption on Stress among College Students
Tyler Davis, Wartburg College (Dr. Shaheen S. Munir, Faculty Sponsor)

14 Interaction Between Birth Weight and Home Chaos Predicts Differences in Somaticizing Behavior
Lulu Abou-Jabal, Southern Illinois University Carbondale; Riley Marshall, Southern Illinois University Carbondale (Lisabeth L. DiLalla, Faculty Sponsor)

15 Numeracy and the Interpretation of Medical Information: How to Avoid Bias in Low Numerate populations
Shivangi Bhardwaj, The Ohio State University; Par Bjaelkebring, The Ohio State University; Michael Silverstein, The Ohio State University (Dr. Ellen Peters, Faculty Sponsor)

16 Young and Reckless: Effects of Caffeinated Alcoholic Beverages on Impulsive Decisions in College Students
Celia Deckelman, Maryville University; Gillian McManemin, Maryville University; Matthew Gewinner, Maryville University; Julia Grant, Maryville University (Julia D. Grant, Faculty Sponsor)

17 Examining Depressive Symptoms in Heart Failure Patients
Kimia Fardfini, University of Toronto Scarborough; Cassandra Freitas, University Health Network; Shanas Mohamed, University Health Network; Yoel Inbar, University of Toronto; Douglas Lee, University Health Network (Yoel Inbar, Douglas S. Lee, Faculty Sponsor)

18 Students' alcohol usage and perceptions' effect on well-being
Brittany Miller, Manchester University; Ava McVey, Manchester University; Taryn Curie, Manchester University (Russel Coulter-Kern, Faculty Sponsor)

19 Mental Health Among Collegiate Division I Student-Athletes
Madilin Karstens, Southeast Missouri State University (Dr. Alison Whiteford Damerall, Faculty Sponsor)

20 The Relationship Between Resilience Resources and Stress
Victoria Gardner, Hope College; Caitlyn Heidenga, Hope College; Samantha Stall, Hope College; Michala Ringquist, Hope College (Alyssa Cheadle, Faculty Sponsor)

21 The Associations of Positive and Negative Affect and Religiousness and Spirituality
Nicholai Shaw, Hope College (Dr. Alyssa Cheadle, Faculty Sponsor)

22 College Concerns and Coping
Olivia Brice, Murray State University (Esther Malm, PhD, Faculty Sponsor)

23 Sexual Orientation and Mental Health
Trevor Furst, Andrews University (Duane McBride, Alina Baltazar, Curtis VanderWaal, Faculty Sponsor)

24 *PSI CHI AWARD WINNER*
Mexican American college students' anxiety, academic stress, and future aspirations: the role of sibling relationship quality
Lorena Fernandez, University of Missouri; Sonia Giron, University of Missouri; Sarah Killoren, University of Missouri; Gustavo Carlo, University of Missouri (Dr. Nicole Campione-Barr, Faculty Sponsor)
This study examined whether positive and negative relationship qualities between Mexican American sibling dyads may interact with level of anxiety, predicting academic stress and future aspirations. Findings indicated that younger siblings with high anxiety and high negative relationship qualities experienced higher levels of academic stress.

25 Rethink Your Drink: An Educational Approach to Reducing Sugar Sweetened Beverage Consumption Intentions and Attitudes

Megan Richards, University of Wisconsin - River Falls; Erin Lunz, University of Wisconsin - River Falls; Alexa Roberts, University of Wisconsin - River Falls (Dr. Todd Wilkinson, Faculty Sponsor)

26 Emergency Medical Workers' Stigmatizing Attitudes Toward Bariatric Patients

Alexandra Sanders, University of Findlay; Natalia Prokop, the University of Findlay; Jessica Yonkers, The University of Findlay; Lauren Hollingsworth, The University of Findlay; Gabriella Seibert, the University of Findlay; Jacob Burmeister, The University of Findlay (Jacob Burmeister,Ph.D., Faculty Sponsor)

27 I'll Work Out Tomorrow: The Exercise Procrastination Scale

Hayley Walton, Coe College; Scout Kelly, Coe College (Scout Kelly, Faculty Sponsor)

28 Investigating Diet through a Social Media Lens: An Explorative Study

Elizabeth Wanninger, University of Wisconsin- Milwaukee; Savannah Schaller, University of Wisconsin- Milwaukee; Shang Xiong, University of Wisconsin- Milwaukee; Hanna Zimmerman, University of Wisconsin-Milwaukee; Alese Nelson, University of Wisconsin-Milwaukee; Raymond Fleming, University of Wisconsin, Milwaukee (Raymond Fleming, Alese M. Nelson, Faculty Sponsor)

29 Effects of Finger Tapping on Physiological Responses to Stress

Hanna Zimmermann, University of Wisconsin-Milwaukee; Shang Xiong, University of Wisconsin- Milwaukee; Savannah Schaller, University of Wisconsin- Milwaukee; Elizabeth Wanninger, University of Wisconsin-Milwaukee; Alese Nelson, University of Wisconsin-Milwaukee; Raymond Fleming, University of Wisconsin, Milwaukee (Raymond Fleming, Alese M. Nelson, Faculty Sponsor)

30 The Effect of Support on Vocational Outcome after Neurological Injury

Jared Noetzel, University of Nebraska-Lincoln; Seima Al-Momani, University of Nebraska-Lincoln; Jeff Snell, Quality Living, Inc.; Kathy Chiou, University of Nebraska-Lincoln (Kathy Chiou, Faculty Sponsor)

31 ***PSI CHI AWARD WINNER***

The Influence of Dogs on Stress and Anxiety in College Students

Angela Bozik, Saint Mary's College (Rebecca Stoddart, Faculty Sponsor)
This study will investigate whether interacting with a dog after a stressful task can reduce stress in college students. The PSS and PANAS will be used to determine the current levels of stress. It is proposed that students who interact with a dog will experience decreased levels of stress.

32 Examining Executive Function and Psychosis-like Symptoms in a Normative Population using ERP

Alisha Ziegler, University of Wisconsin- Green Bay; Alison Bahena, University of Wisconsin-Green Bay (Jason Cowell, Faculty Sponsor)

33 Anaphylaxis and Academics

Derek Boswell, King's University College at Western University; Mike Morrison, King's University College at the University of Western Ontario (Mike Morrison, Faculty Sponsor)

34 Examination of Differential Validity of MMPI-2-RF Scores by Gender and Ethnicity in Predicting Future Suicidal and Violent Behaviors in a Forensic Sample

Megan Whitman, John Carroll University; Anthony Tarescavage, John Carroll University (Anthony Tarescavage, Ph.D, Faculty Sponsor)

35 Youth-adult sexual communication preventing risky sexual activity in youth.

Claire Fisher, DePaul University; Erin Geary, DePaul University; Chantelle Miller, DePaul University; Jocelyn Carter, DePaul University (Dr. Jocelyn Carter, Faculty Sponsor)

36 The role of physical health stressors and minor life stressors on mentor satisfaction of the mentoring relationship in an urban mentoring program.

Claire Fisher, DePaul University; Audrey Jewett, DePaul University;

Chantelle Miller, DePaul University; Kathryn Grant, DePaul University (Dr. Kathryn Grant, Faculty Sponsor)

37 Developing a Transcartohistoriography.
Alexis Hansen, Grand Valley State University; Lawrence Burns, Grand Valley State University (Lawrence Burns, Faculty Sponsor)

38 Understanding the Relationship Between Sexual Assault Victimization and Self-Harm in Female College Students: Does Being Perfectionistic Make a Difference?
Miranda Schaffer, University of Michigan; Claire Novak, University of Michigan; Shangwen Yi, Beijing Normal University; Devin Ablow, University of Michigan; Alaina Gregory, University of Michigan; Edward Chang, University of Michigan (Edward Chang, Faculty Sponsor)

39 The Role of Optimism and Coping Behaviors in Accounting for Suicide Risk and Protection in a College Student Population
Claire Novak, University of Michigan; Miranda Schaffer, University of Michigan; Shangwen Yi, Beijing Normal University; Alaina Gregory, University of Michigan; Devin Ablow, University of Michigan; Edward Chang, University of Michigan (Edward Chang, Faculty Sponsor)

40 Backgrounds of Juveniles Who Offend Sexually: Comparing Extrafamilial, Intrafamilial, and Mixed Offenders
Miho Tatsuki, Grinnell College (Chris Ralston, Faculty Sponsor)

41 Loneliness and Depressive Symptoms in Spanish College Students: Could Coping Strategies Mediate the Link?
Brianna McManamon, University of Michigan, Ann Arbor; Rachel Eisner, University of Michigan, Ann Arbor; Michelle Lin, University of Michigan, Ann Arbor; Ariel Huang, University of Michigan, Ann Arbor; Aprill N. Park, University of Michigan, Ann Arbor; Adi Kah, University of Michigan, Ann Arbor; Emily G. Levy, University of Michigan, Ann Arbor; Deesha Shah, University of Michigan, Ann Arbor; Eliza Bourke, University of Michigan, Ann Arbor; Collin Beavan, University of Michigan, Ann Arbor; Olivia Katamanin, University of Michigan, Ann Arbor; Natalia Rodriguez, University of Michigan, Ann Arbor; Amaia de la Fuente, University of Basque Country (UPV/EHU); Olga Cardeñoso, University of Basque

Country (UPV/EHU); Olivia Chang, University of Michigan, Ann Arbor; Abigael G. Lucas; Mingqi Li, DePaul University; Shangwen Yi, Beijing Normal University; Victoria Clements, University of Michigan, Ann Arbor; Alexis Rosenstrauch, University of Michigan, Ann Arbor; Edward Chang, University of Michigan (Dr. Edward C. Chang, Faculty Sponsor)

42 Suicide Risk in Young Adults: Is it just a matter of coping, or also loneliness?
Rachel Eisner, University of Michigan, Ann Arbor; Brianna McManamon, University of Michigan, Ann Arbor; Deesha Shah, University of Michigan, Ann Arbor; Shangwen Yi, Beijing Normal University; Victoria Clements, University of Michigan, Ann Arbor; Alexis Rosenstrauch, University of Michigan, Ann Arbor (Dr. Edward Chang, Faculty Sponsor)

43 *PSI CHI AWARD WINNER*
Distinguishing between Intrafamilial Offenders, Extrafamilial Offenders, and Polymorphic Offenders through Offense Patterns
Elizabeth Lane, Grinnell College (Dr. Christopher Ralston, Faculty Sponsor)
Examined similarities and differences among intrafamilial, extrafamilial, and polymorphic (both intra- & extrafamilial victims) juveniles who offended sexually on offense and risk-related variables. The polymorphic group was associated with more extreme offense behaviors (e.g., grooming, aggression) and risk scores. Results have implications for risk management and reduction efforts.

44 Exploring the link between marital status and parenting stress in families raising an adolescent with ASD: Do family factors impact intervention outcome?
Genesis Martinez, Marquette University; Cheyanne Hagan, Marquette University; Hillary Schiltz, Marquette University; Amy Van Hecke, Marquette University (Amy Van Hecke, Faculty Sponsor)

45 The Relationship between Flow and Self-Efficacy
Kaylei Ruffing, Ashland University (Diane Bonfiglio, Faculty Sponsor)

46 Treatment of Double Depression: A Meta-Analysis
David May, University of Notre Dame/Undergraduate Student; Victoria

Shaffer, University of Notre Dame/Post-Baccalaureate; Lira Yoon, University of Notre Dame/Professor (K. Lira Yoon, Faculty Sponsor)

47 Emotion socialization and aggression: Discriminant pathways revealed in detained youth
Brenna Klesel, Iowa State University; Nicole Hayes, Iowa State University; Monica Marsee, Iowa State University (Monica Marsee, Faculty Sponsor)

48 You're Pretty for a Black Girl...: Beauty-related Microaggressions
Chanelle Childers, Baldwin Wallace University; Quaneisha Murphy, Baldwin Wallace University; Angelica Parker, Baldwin Wallace University; Deb Esty, Baldwin Wallace (Dr. Deb Esty, Faculty Sponsor)

49 Measuring Parental Consistency: Construct and Predictive Validity
Samuel Vincent, University of Wisconsin-Madison; Bailey Immel, University of Wisconsin-Madison; James Li, University of Wisconsin-Madison (Dr. James Li, Faculty Sponsor)

50 Facet and Domain Analysis of Conscientiousness and Neuroticism as Predictors of Academic Achievement
Colleen Mock, Southern Illinois University Edwardsville (Eunyoe Ro, Jason Murphy, Daniel Segrist, Faculty Sponsor)

51 Gender expression, attachment styles and affect in gay male relationships
Dalton Francis, Southern Illinois University Carbondale; Douglas Knutson, Southern Illinois University Carbondale (Douglas Knutson, PhD, Faculty Sponsor)

52 Immersion of Augmented Virtual Reality and Its Effect on Empathy
Alexis Delgado, Augsburg University (Stacy Freiheit, Faculty Sponsor)

53 Hope Above Racial Discrimination and Social Support in Accounting for Negative Psychological Adjustment in African American Adults
Olivia Chang, University of Michigan, Ann Arbor; Shangwen Yi, Beijing Normal University; Noelle Seward, University of Michigan, Ann Arbor; Emmaleigh Krause, University of Michigan, Ann Arbor; Leah McAvoy,

University of Michigan, Ann Arbor; Edward Chang, University of Michigan (Edward C. Chang, Faculty Sponsor)

54 Internalized Stigma and Intimate Partner Violence in SGM Relationshipsv

Jennifer Holtz, DePaul University; Alexandria Dravillas, Northwestern's Institute for Sexual and Gender Minority Health and Wellbeing (Christina Dyar, Faculty Sponsor)

55 The Role of Familism in Autonomic Nervous System Dysfunction, Cognitive Vulnerabilities, and Depression

Raul España, University of Illinois Urbana-Champaign; Jae Wan Choi, University of Illinois Urbana-Champaign; Hena Thakur, University of Illinois Urbana-Champaign; Shiesha McNeil, University of Illinois at Urbana Champaign; Joseph Cohen, University of Illinois Urbana-Champaign (Joseph R Cohen, Faculty Sponsor)

56 Rejection Sensitivity: Variance in Sexual Orientation

Jeremy Kelleher, Roosevelt University (Jill Coleman, Faculty Sponsor)

57 *PSI CHI AWARD WINNER*

Evaluating mechanisms of change in multisystemic therapy for youths from diverse backgrounds

Rachel Wesley, University of Missouri; Kaitlin Sheerin, University of Missouri (Charles Borduin, Faculty Sponsor)

Multisystemic therapy has well-documented efficacy in treating juvenile offenders from different demographic backgrounds. The present study evaluated the extent to which mediators of treatment outcomes differ for juvenile offenders based on their race and gender. These results have implications for the development of evidence-based treatments for youths from diverse backgrounds.

58 Personality factors explain variation among individual’s engagement with the five facets of mindfulness

Caroline Page, Southern Illinois University Carbondale; Bryant Stone, Southern Illinois University; Chad Drake, Southern Illinois University (Chad Drake, Faculty Sponsor)

59 Attentional control focusing partially accounts for the relationship between social anxiety and negative affect
Caroline Page, Southern Illinois University Carbondale; Emily Bartholomay, Southern Illinois University Carbondale; Sarah Kertz, Southern Illinois University (Sarah Kertz, Faculty Sponsor)

60 Perfectionism and Emotional Responses to Failure: A Comparison of Self-Compassion and Reappraisal
Ryan Lehr, Simpson College (Don Evans, Sal Meyers, Faculty Sponsor)

61 Qualitative Analysis of Trauma Event Narratives: Event Valence and Emotionality Factors as Predictors of PTSD, Rumination, and PTG
Hillary Aguilar-Ruano, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

62 School Climate and Self-Esteem as Mediating Factors for Academic Achievement in the Context of a Cross-Age Peer Mentoring Program
Annika Pentikainen, Loyola University Chicago; Catherine Dusing, Loyola University Chicago; Maryse Richards, Loyola University Chicago (Maryse Richards, Faculty Sponsor)

63 The Effects of Social Media Belongingness and Social Connectedness on Resilience
Emily Schnarr, Truman State University; Crystal Tracy, Truman State University; Rachel Palomo, Truman State University (Dr. Katherine Judd, Faculty Sponsor)

64 Linking Mental and Medical Health: Adult Attachment Status and Subjective-Well Being in a Non-Clinical Sample
Robert Hendricks, University of Michigan-Dearborn; Lena Rammouni, University of Michigan-Dearborn; Caleb Siefert, University Of Michigan Dearborn (Caleb J. Siefert, Faculty Sponsor)

65 Effects of Mindfulness and Gratitude Interventions on Short-Term Anxiety
Hope Cherubini, Denison University; Anna Stone, Denison University; Andrew Kopco, Denison University; Marcos Arnett, Denison University (Dr. Erin Henshaw, Faculty Sponsor)

66 Shooter Race and Socioeconomic Variables in School Shooting Occurrence
Hannah Nordby, University of Illinois Springfield; Sheryl Reminger, University of Illinois Springfield; Janice Hill-Jordan, Southern Illinois University School of Medicine; Albert Botchway, Southern Illinois University School of Medicine (Sheryl Reminger, Janice Hill-Jordan, Albert Botchway, Faculty Sponsor)

67 The Effect of Self-Compassion on Help-Seeking
LaWanda McCraney, Roosevelt University (Catherine Campbell, Faculty Sponsor)

68 Does Self-Esteem Mediate the Relationship Between Peer Victimization and Substance Use in Adolescents?
Ian Carson, Indiana University-Purdue University Indianapolis; Tamika Zapolski, IUPUI (Tamika Zapolski, Faculty Sponsor)

69 The Relationship Between Body Image and Depression in Latinx Youth: Examining Gender Differences
Sofia Sytniak, DePaul University; Samantha Nau, DePaul University; Antonio Polo, DePaul University (Antonio J. Polo, Faculty Sponsor)

70 Do Religious Abstinence Beliefs for Pre-Marital Sex Influence Sexual Behavior Rates?
Brittney Byrd, Andrews University (Dr. Herbert W. Helm Jr., Dr. Duane C. McBride, Faculty Sponsor)

71 The Effect of Attachment Strength on Grief Responses in College Students
Kendra Dienst, Carthage College (Ingrid Tiegel, Faculty Sponsor)

72 Suicides in Schools: Variables Predicting Violence Towards Others
Shavondra Britton, University of Illinois Springfield; Sheryl Reminger, University of Illinois Springfield; Janice Hill-Jordan, Southern Illinois University School of Medicine; Albert Botchway, Southern Illinois University School of Medicine (Sheryl Reminger, Janice Hill-Jordan, Albert Botchway, Faculty Sponsor)

73 Familiarity Effects on Mental Health Stigma: Perceived Dangerousness and Social Distance

Alexandra Cuban, Adrian College; Megan DeBrabander, Adrian College (Dr. Amy Hillard, Dr. Michelle Beechler, Dr. Suzanne Helfer, Faculty Sponsor)

74 Stress to Impress: Stress Orientation and Perceived Stress Among College Students

Shelby Beggs, Truman State University; Nicholas Waldron, Truman State University; Brooke Dustman (Dr. Katherine Judd, Faculty Sponsor)

75 Positive Mood and Life Satisfaction in European Americans: How Does a Positive Attitude Relate to Building Agency and Broadening Pathways in Terms of Hope?

Emmaleigh Krause, University of Michigan, Ann Arbor; Shangwen Yi, Beijing Normal University; Leah McAvoy, University of Michigan, Ann Arbor; Olivia Chang, University of Michigan, Ann Arbor; Noelle Seward, University of Michigan, Ann Arbor; Edward Chang, University of Michigan (Edward C. Chang, Faculty Sponsor)

76 What Is the Best Way to Induce a Food Craving? Comparing The Effectiveness of Craving Induction Techniques

Anthony Mackar, North Central College (Dr. Leila Azarbad, Faculty Sponsor)

77 An MTurk Study of People's Attitudes Towards Computerized Cognitive Training Programs

Yanni Dai, University of Toronto; Sharon Yoon, University of Toronto; Vina Goghari, University of Toronto (Dr. Vina Goghari, Faculty Sponsor)

78 Comparing Kin and Fictive Kin Involvement Among Youth in Foster Care

Khadija Mansoor, Loyola University Chicago (Dr. Scott Leon, Faculty Sponsor)

79 Emotion Dysregulation, Dissociation, and Borderline Personality Features: The Moderating Role of Alexithymia

Matthew Atterberg, Northern Illinois University; Mikhaella Hodges, Northern Illinois University; Jennifer Milliken, Northern Illinois University; Michelle Lilly, Northern Illinois University (Michelle Lilly, Ph. D., Faculty Sponsor)

80 Child Emotional Maltreatment, Fear of Self-Compassion, and Experiential Avoidance

Cloie Dobias, Miami University; Selime Salim, Miami University; Prachi Bhuptani, Miami University; Terri Messman-Moore, Miami University (Dr. Terri Messman-Moore, Faculty Sponsor)

81 Flourishing and Academic Success in College Students with Chronic Pain

Cecily Conour, Carleton College; Christopher Dallager, Carleton College (Christopher Dallager, Faculty Sponsor)

82 How do college resources influence belonging and well-being among first-year students?

Ava McVey, Manchester University; Amareca Williams-Bradley, Manchester University; Kayla Blanchard, Manchester University; Sage Correll, Manchester University; Genesis Malin, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

83 Cognitive abilities as a moderator of the association between autism symptoms and empathy in young adults with autism

Cheyanne Hagan, Marquette University; Genesis Martinez, Marquette University; Hillary Schiltz, Marquette University; Amy Van Hecke, Marquette University (Amy Van Hecke, Faculty Sponsor)

84 Emotion regulation as a mechanism to foster positive self-perceptions in at-risk youth

Cheyanne Hagan, Marquette University; Allie Volcheck, Marquette University; Manpreet Kaur, Marquette University; Kristen Yule, Marquette University; Mara Makasiar, Marquette University; Jessica Houston, Marquette University; John Grych, Marquette University (Michael Wierzbicki, Faculty Sponsor)

85 Does Cultural Leveling with Drug and Alcohol Use Occur Within a Prohibitionist University?

Talisa Gonzalez, Andrews University (Herbert W. Helm Jr, Duane C. McBride, Faculty Sponsor)

Psi Chi Poster Session VI
Cognitive & Positive

Thu 12:10PM - 12:55PM Upper Exhibit Hall

1 Sustaining Attention: The Effects of Fidgeting and Break Type
Briana Beckler, Berea College (Robert Smith, Faculty Sponsor)

2 Remembering the Past and Imagining the Future: Does Specificity Matter?
Peyton Jennings, Department of Psychology/University of Arkansas/Undergraduate; Darya Zabelina, University of Arkansas (Darya L Zabelina, Faculty Sponsor)

3 The Effect of Repetitive Head Impacts on Cognitive Functions in Contact and Non-contact Sport Athletes
Ryan Potter, University of Wisconsin - La Crosse; Kathryn Aukerman, University of Wisconsin - La Crosse (Ellen Rozek, Faculty Sponsor)

4 Unconscious Information Processing in Working Memory
Luke Guerdan, University of Missouri - Columbia; Steve Hackley, University of Missouri - Columbia; Amy Underwood, University of Missouri - Columbia (Dr. Steven Hackley, Faculty Sponsor)

5 Memory for Precise Object Locations in Younger Adults and Older Adults: Separating Effects of Study-Test Delay and Interference
Ashley Meierhofer, University of Missouri-Columbia; Moshe Naveh-Benjamin, University of Missouri- Columbia; Stephen Rhodes, University of Missouri-Columbia (Moshe Naveh-Benjamin, Stephen Rhodes, Faculty Sponsor)

6 Exploring the Effects of Text-Speak in the Perception of Irony in SMS Communication
Cecily Conour, Carleton College; Yuxin Deng, Carleton College; Ian

Kpachavi, Carleton College; Tracy LeBlanc, Carleton College; Mija Van Der Wege, Carleton College (Mija Van Der Wege, Faculty Sponsor)

7 Environmental Factors in Eyewitness Memory
Talyah Fogle, Ashland University (Mitchell Metzger, Faculty Sponsor)

8 Anger and the Other Race Effect
Melanie Kacin, The College of Wooster (Grit Herzmann, Faculty Sponsor)

9 Investigating the effect of current and recent color distractors on cognitive task performance in ADHD and control participants
Paige Baal, University of Michigan (Tessa Abagis, John Jonides, Faculty Sponsor)

10 Taking a Walk in Virtual Reality: Does it Enhance Creativity?
Ryan Avenido, University of St. Thomas; Mikaela Ackerson, University of St. Thomas; Iesha Abbajebel, University of St. Thomas; Erica Stott , University of Saint Thomas (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

11 Online or Paper Exams? An Investigation of Encoding Specificity
Teresa Renze, Morningside College; Haley Hines, Morningside College; Macie Moore, Morningside College; Kelsey Spongberg, Morningside College (LaPaglia, Faculty Sponsor)

12 Novel Paradigm to Minimize Distraction through tDCS Enhanced Cognitive Training
Arushi Mahajan, University of Michigan; Tessa Abagis, University of Michigan; John Jonides, University of Michigan (John Jonides, Faculty Sponsor)

13 Improving Phonemic Awareness Through Actions and Gestures
Abigail Byrnes, Bucknell University; Mary Weinstein, Bucknell University (Eliza Congdon, Faculty Sponsor)

14 An Examination of Familiarity of Musical Background on Recognition Performance

Katherine Bilgri, Purdue University Northwest; Amanda Brown, Purdue University Northwest (Dr. Zdanczyk, Faculty Sponsor)

15 Effects of Ketogenic Diet on Learning and Behavior in Animal Model of Alzheimer’s Disease

Olivia Fahr, University Of Missouri; Sara Myers, University of Missouri; Isabella North, University of Missouri; Paige N. Michener, University of Missouri; Rachel A. Richardson, University of Missouri; Courtney Gann, University of Missouri; Todd R. Schachtman, University of Missouri, Columbia (Todd Schachtman, Faculty Sponsor)

16 Decision Making in Mice: Individual Differences in Impulsive Choice and Sex Differences in Risk Assessment

Abigail Heller, University of St. Thomas (Nicola Grissom PhD., Faculty Sponsor)

17 Did You See What I Saw? The Influence of Conversation and Personality on Memory

Becca Weyerbacher, Murray State University; Jana Hackathorn, Murray State University (Jana Hackathorn, Faculty Sponsor)

18 The Effects of Mild Traumatic Brain Injuries between Visuoperceptual, Working Memory, and Executive Control Abilities of Attention, Reaction Time and Stress

Jade Smith (Dr. Robyn Siegel-Hinson, Faculty Sponsor)

19 Age-Related Changes in Emotion Facial Recognition

Joel Enriquez Blas, Augsburg University (Dr. Benjamin Denkinger, Faculty Sponsor)

20 Exploration of Attentional Capture by Functional and Non-Functional Object Properties

Jennifer Chan, Purdue University; Isis Chong De la Cruz, Purdue University; Robert Proctor, Purdue (Robert W. Proctor, Faculty Sponsor)

21 Effect of Motivation and Event Rate on Stop Signal Performance Among College Students with and without ADHD

Samuel Grassman, University of Wisconsin - Stout (Kathryn L. Hamilton, PhD, Faculty Sponsor)

22 The Role of Mood States in Sleep-Facilitated Problem-Solving
Lane Patterson, Northwestern University; Kristin Grunewald, Northwestern University; Ken Paller, Northwestern University; Mark Beeman, Northwestern University (Mark Beeman, Faculty Sponsor)

23 Implicit Associations with Homelessness in America
Tabitha Payne, Kenyon College; Quinn Harrigan, Kenyon College (Tabitha W Payne, Faculty Sponsor)

24 Perceptual Similarity of Concrete and Abstract Images and False Memories Formation
Amy Hodel, University of Wisconsin-Oshkosh; Justyna Olszewska, University of Wisconsin-Oshkosh (Justyna Olszewska, Faculty Sponsor)

25 The Symmetry of Deception: Symmetrical Action Shifts Event Boundaries
Dillon Krupa, Carthage College (Anthony Barnhart, Faculty Sponsor)

26 Face-Name Associations In Relation To Social Anxiety
Autumn Anderson, Augustana College; Jenna Roecker, Augustana College (Daniel Corts, Faculty Sponsor)

27 The Effect of Fear on Encoding
Gina Pace, 1996 (Jason R. Finley, Ph.D., Faculty Sponsor)

28 The Effects of Grouping on Working Memory
Sarah Schlote, University of Missouri-Columbia; Nelson Cowan, University of Missouri (Nelson Cowan, Faculty Sponsor)

29 Framing Science: The Moderating Effects of Scientific Literacy and Scientific Knowledge on Perceived Risks and Benefits of Science Due to Framing
Margaret Utgaard, Augustana College (Daniel Corts, Faculty Sponsor)

30 Smartphones and Scatterbrains: Technology Use, Attention, and Working Memory Capacity
Veronica Englert, Murray State University (Dr. Patrick Cushen, Dr. Jana Hackathorn, Faculty Sponsor)

31 Delay discounting's relationships with college student heavy binge drinking and negative consequences of drinking.
McKenna Whitehill, Buena Vista University; Lauren Slings, Buena Vista University; Jessica Rodriguez, Buena Vista University; Jennifer Poots, Buena Vista University; Alexandria Nathaniel, Buena Vista University; Ivory Burris, Buena Vista University; Shunichi Sawamura, Buena Vista University (S. Wesley Beckwith, Ph.D., Faculty Sponsor)

32 Folk Epistemology, Religious Orientation, and Culture
Yasmine Siagian, Andrews University; Karl Bailey, Andrews University (Karl G. D. Bailey, Faculty Sponsor)

33 An ERP Analysis of Anticipated Attributions to Altruistic Acts
A Yang, Undergraduate at University of Wisconsin - Green Bay (Dr. Jason Cowell, Faculty Sponsor)

34 The Effects of Deception on Consumer Behavior
Skyler Majors, Anderson University (Janell Blunt, Faculty Sponsor)

35 Alcohol demand intensity and elasticity's relationships with college student heavy binge drinking and negative consequences of drinking.
Skye Kelley, Buena Vista University; Ashley Herrig, Buena Vista University; Nyajuok Lam, Buena Vista University; Amber Freund, Buena Vista University; Savannah Adkins, Buena Vista University; Kathryn Wixom, Buena Vista University; Danielle Hill, Buena Vista University; Samuel Loerts, Buena Vista University (S. Wesley Beckwith, Faculty Sponsor)

36 The Restorative Effects of Awe on Cognitive Performance
Jonathan Bergly, University of St. Thomas (Greg Robinson-Riegler, Faculty Sponsor)

37 How Confident Are You Really? Eyewitness Confidence in Relation to Error-Related Negativity
Susan Schober, University of Wisconsin-Green Bay; Jason Cowell, University of Wisconsin - Green Bay (Dr. Jason Cowell, Faculty Sponsor)

38 Memory effects of Active versus passive stimuli, during study breaks.
Jayne Williams, Fontbonne University (Jason Finley, Faculty Sponsor)

39 Low Constraint Testing Heightens the Testing Effect
Konstadena Giannakopoulos, University of Illinois at Chicago; Matthew McCurdy, University of Illinois at Chicago; Allison Sklenar, University of Illinois at Chicago; Andrea Frankenstein, University of Illinois at Chicago; Eric Leshikar, University of Illinois at Chicago (Eric D. Leshikar, Faculty Sponsor)

40 Alcohol Consequences and Aristotelian Subjective Well-Being
Austin Kleman, Saint Mary's University of Minnesota (Dr. Molly O'Connor, Faculty Sponsor)

41 Using Reminders of God to Influence Risk Taking Behavior
Daniela Gonzalez, University of St. Thomas; Sophia Svetnicka, University of St. Thomas; Lexi Rognstad, University of St. Thomas; Chesley Buenger, University of St. Thomas; Sadie Allison, University of St. Thomas (Dr. Robinson-Riegler, Faculty Sponsor)

42 Use of Social Information to Classify Human Biological Motion
Emma Feld, Miami University; Brendan Tracy, Miami University; Kristen Gray, Miami University; Terry Reid, Miami University; Leah Sprock, Miami University; Rupert Delacruz, Miami University; Jared Fitzpatrick, Miami University; Abigail Groome, Miami University; Zach Shoemaker, Miami University; Nathan Smith, Miami University; Max Teaford, Cleveland State University; Anthony Drew, Miami University; Leonard Smart, Miami University (Dr. Leonard James Smart, Faculty Sponsor)

43 Impacts of Bilingualism Onset, Second Language Fluency, and Sex Differences on Creativity
Mai Lor, Lakeland University; Emilie Schartner, Lakeland University; Molly

Schwibinger, Lakeland University; Ariel Lochman, Lakeland University; Olivia Hansen, Lakeland University; Kayla Potter, Lakeland University (Jessica H. Kalmar, Faculty Sponsor)

44 Musicianship's Contributions to Creativity
Emilie Schartner, Lakeland University; Mai Lor, Lakeland University; Molly Schwibinger, Lakeland University; Ariel Lochman, Lakeland University; Olivia Hansen, Lakeland University; Kayla Potter, Lakeland University (Jessica Kalmar, Faculty Sponsor)

45 Music and It's Affects on Metacognition
Shelby Barclay, Fontbonne University (Jason Finley, Faculty Sponsor)

46 A Little Bird Told Me: Twitter's Effect on False Memory
Katy Struntz, University of St. Thomas; Jessica Berns, University of St. Thomas; Morgan Bunde, University of St. Thomas (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

47 Distraction and Memory: Does Personality Matter?
Caroline Kilroy, University of St.Thomas; Cameron Schultz, University of St. Thomas; Abigail Gray, University of St.Thomas (Gregory Robinson-Riegler, Faculty Sponsor)

48 The effect of placebo on the P300 ERP Amplitude for Working Memory in Humans
Suriah Khan, The College of Wooster (Grit Herzmann, Faculty Sponsor)

49 Implications of the timing of menarche on adolescent social cognition: a qualitative exploratory study
Annalise Perricone, Columbia University and Barnard College (Susan Sacks, Ph.D., Faculty Sponsor)

50 Do you see what I see?
Anna Slusser, Saint Mary's College; Rebecca M. Stoddart, Saint Mary's College (Rebecca Stoddart, Faculty Sponsor)

51 Did you hear that?: The effects of word frequency and incidental learning on internal-external source monitoring.
Samantha Collins, Coe College; Erica Ernzen, Coe College; SaCora Fisher, Coe College; Mia Resa, Coe College; Nathan Homan, Coe College; Kennedy Stomberg, Coe College; Renee Penalver, Coe College (Renee Penalver, Faculty Sponsor)

52 Effect of Multisensory Stimuli on Memory in Delayed Recognition
Inga Majewska, Valparaiso University; McKayla Deleon, Valparaiso University; Nick Cline, Valparaiso University (Dr. Andrew Butler, Faculty Sponsor)

53 Examining the Effects Vocal Tone has on the Perception of Time
Sam Lybarger, Walsh University (Melisa Barden, Faculty Sponsor)

54 The internalization of socioeconomic status and its effects upon self-efficacy and academic achievement.
Evelyn Zwolinski, Baldwin Wallace University (Jennifer Perry, PhD, Faculty Sponsor)

55 Creative Idea Generation during Optimal/Non-Optimal Time-of-Day
Amy Chou, University of Illinois at Chicago; Timothy George, University of Illinois at Chicago; Jennifer Wiley, University of Illinois at Chicago (Jennifer Wiley, Faculty Sponsor)

56 Personality and Sense of Smell
Chloe Koeppen, Carthage College (Leslie Cameron, Faculty Sponsor)

57 *PSI CHI AWARD WINNER*
Effects of Bilingualism in the development of False Memories
Samira Radi, Augustana College; Jessica Greene, Augustana College (Daniel Corts, Faculty Sponsor)
The purpose of this study is to investigate the effects of multilingualism on the development of concepts in long-term memory. Given that the Deese--Roediger--McDermott paradigm involves language-memory interactions, we want to find out whether it can activate words cross-linguisticaly with bilingual participants.

58 Perceptual Load Hypothesis does not predict distractibility in children
Arisha Rahman, The Ohio State University at Newark (Dr. Chris Robinson, Faculty Sponsor)

59 Who believes fake news? Partisan effects on recall and recognition
Sana Alnajjar, University of Illinois at Chicago; Alyssa Blair, University of Illinois at Chicago (Alyssa Blair, Susan Goldman, Faculty Sponsor)

60 Relative Contributions of Context and "Sarcastic Tone" in the Detection of Ironic Criticism and Ironic Praise
Nathan Lehocky, Carthage College (Leslie Elizabeth Cameron, Faculty Sponsor)

61 The Impact of Mindset Language on Test Anxiety
Briana Ziemer, College of Saint Benedict (Ben Faber, Faculty Sponsor)

62 Right and Left Hemisphere dominance in Subjective well-being, happiness, life satisfaction, objective success, and individual personality.
Wallat Baban, Undergraduate Student (Jennifer Siciliani, Faculty Sponsor)

63 Six of One, Une Demi-Douzaine de l'Autre : Code-Switching and Change Deafness
Melissa Kadish, The College of Wooster (Dr. John Neuhoff, Faculty Sponsor)

64 The Impact of a Brief Resilience Training on Self-Efficacy, Resiliency, and Self-Evaluation
Lane Weeman, Dakota Wesleyan University (Anne Kelly, Faculty Sponsor)

65 The Relationship Between God Representation and Psychological Well-Being
Melanie Adams, Eastern Illinois University (Dr. Ronan Bernas, Faculty Sponsor)

66 The Influence of Motivational Orientation on Perseverance in College Athletes and Nonathletes and Its Relationship to Grit, Self-Efficacy, and Competitiveness

Meghan Travis, Dakota Wesleyan University (Anne Kelly, Faculty Sponsor)

67 Sleep Quality as a Predictor of Perceived Social Support and Optimism in College Students

Tori Roettger, Truman State University; April Muench, Truman State University; Allie Hult, Truman State University (Dr. Yuna Ferguson, Faculty Sponsor)

68 Assessing the Efficacy of Online Positive Psychology Interventions

Rebekah Burton, Shawnee State University; Lena Harvey, Shawnee State University; Kaitlyn Matthews, Shawnee State University (Brian Richards, Kyle Vick, Faculty Sponsor)

69 The Relationship Between Positive Mood and Life Satisfaction in Eastern Adults: Hope as a Mediator

Leah McAvoy, University of Michigan, Ann Arbor; Shangwen Yi, Beijing Normal University; Emmaleigh Krause, University of Michigan, Ann Arbor; Noelle Seward, University of Michigan, Ann Arbor; Olivia Chang, University of Michigan, Ann Arbor; Edward Chang, University of Michigan (Edward C. Chang, Faculty Sponsor)

70 *PSI CHI AWARD WINNER*

The relationship between faith maturity and life satisfaction

Amanda Roche, Olivet Nazarene University (Dr. Kristian Veit, Faculty Sponsor)

A survey was used to assess the correlation between faith maturity and life satisfaction. In addition, we compared that correlation to other indicators of life satisfaction, namely self-esteem and life orientation. In addition to life orientation and self-esteem, faith maturity was an important and significant predictor of life satisfaction.

71 Resilience and Health in College Students

Lauren Thorne, Hope College; Allison Darnell, Hope College; Yuankun Gu, Hope College (Alyssa Cheadle, Faculty Sponsor)

72 Perception of Letter Writers: The difference between handwriting and typing

Mary Ovan, Elmhurst College; Joshua E. VanArsdall, Elmhurst College; Elizabeth Majka, Elmhurst College (Joshua VanArsdall, Faculty Sponsor)

73 Collegiate Artist Motivation: A Longitudinal Study

Abigail Joan Ponte, University of Missouri; Kennon Sheldon, University of Missouri, Columbia (Kennon M. Sheldon, Faculty Sponsor)

74 Nature, Mood and Altruism: Can Being in Nature Positively Effect Altruistic Behavior by Increasing Positive Mood?

Grace E. Cameron, Fontbonne University (Dr. Jason Finley, Faculty Sponsor)

75 Testing the Interrelationships Among Popular Measures of Happiness and Well-Being

Ryan Raymond, Southern Illinois University Edwardsville; Catherine Marx, Southern Illinois University Edwardsville; Karen Schroeder, Southern Illinois University Edwardsville; Jazay McBride, Southern Illinois University Edwardsville (Elizabeth Meinz, Faculty Sponsor)

76 Stressors Predict Wellbeing in New Fathers

Jodi Salata, Northwestern University; Wendi Gardner, Northwestern University; Raveena Aggarwal, Northwestern University (Dr. Wendi Gardner, Faculty Sponsor)

77 Self-care and Subjective Well-Being in University Students

Hailley White, King's University College at Western University; Mike Morrison, King's University College at the University of Western Ontario (Dr. Mike Morrison, Faculty Sponsor)

78 The Mechanisms Underlying Awe and Prosocial Behavior

Brianna Faltersack, Carthage College; Kateryna Sylaska, Carthage College (Kateryna Sylaska, Faculty Sponsor)

79 Religiosity and Cultural Heritage Identification Increase Life Satisfaction in Muslim College Students Living in The United States

Diana J. Ahmad, Loyola University Chicago; Noor Abdelfattah, Loyola University Chicago; Rebecca L. Silton, Loyola University Chicago; Anne Saw, DePaul University; Omer Mozaffar, Loyola University Chicago (Rebecca L. Silton, Anne Saw, Omer Mozzafar, Faculty Sponsor)

80 The Effects of Human Illness on Awe and Prosociality
Krysti Vanoverbeke, Carthage College (Kateryna Sylaska, Faculty Sponsor)

81 Political Bias and Observational Fear Learning
Ava McVey, Manchester University; Gregory Miller, Manchester University (David Johnson, Faculty Sponsor)

82 The Eliciting of False Confidence and its Effects on Learning Ability
Christian Ferguson, Truman State University; Brian Day, Truman State University; Sophia Pinz, Truman State University; Jacklyn Reitz, Truman State University; Maddie Gajdosik, Truman State University; Lillian Schell, Truman State University (Salvatore Costa, Faculty Sponsor)

83 The role of social relevance in remembering faces and names
Kirsten Parr, Augustana College; Nicholas Duke, Augustana College; Elizabeth Fulkerson, Augustana College (Daniel Corts, Faculty Sponsor)

84 Knowledge of Psychology Among Magicians
Oliver Duffy, Carthage College (Anthony Barnhart, Faculty Sponsor)

85 The Intricacies of Engaging in Academic Help-Seeking Behaviors
Victoria Arndt, Maryville University; Jordan Michalski, Maryville University; Boryan Song, Maryville University; Samantha Boewer, Maryville University (Dustin Nadler, Faculty Sponsor)

Psi Chi Symposium
Data Blitz Session I

Thursday, 12:30PM-1:50PM Salon 2
Moderators: Lindsey Root Luna, Hope College

Making Good Choices: The Effect of Chronic Stress and Social Interaction on Decision-Making in Mice

Arish Mudra Rakshasa, Earlham College; Michelle Tong, Earlham College
Chronic stress can affect cognition. We investigate the importance of social interaction in mitigating stress-induced aberrant decision-making in mice. Using behavioural and physiological measures, we find that mice exhibit increased high-risk decision-making after chronic stress exposure, but this increase is significantly smaller in socially-housed mice than in isolated ones.

Positivity in sibling relationships and its influences on mother-older child relations vs mother-younger child relations

Kiana King, University of Missouri; Christopher Odudu, University of Missouri; Nicole Campione-Barr, University of Missouri
The study examined the association between parent-older and parent-younger child relationship positivity, as mediated by sibling relationship quality. Findings revealed that the more positive the parent-older relationship at Time 1, the more positive the sibling relationship at Time 2, which led to more positive parent-younger relationships at Time 3.

Assessing the Cognitive Load of Behavior Description Interviews: Is it too High?

Corrie Marshall, Bradley University; Rachael Metzger, Bradley University; Victoria Gioia, Bradley University; Connor O'Brien, Bradley University; Morgan Lain, Bradley University; Evan Gagnon, Bradley University; Ashley Chmielewski
The Behavior Description Interview (BDI) is a cognitively intense method that ideally should produce multiple experiences for each question. However, under realistic conditions, the capacity of working memory is only

four items (Cowan, 2010). The present research evaluates the cognitive load of BDIs and its effect of interviewee performance.

Day-to-day Associations between Personality Pathology and Romantic Relationship Satisfaction

Karan Bhatia, Purdue University; Kayla Hawthorne, Purdue University; Katherine Thomas, Purdue University; Lily Assaad, Purdue University

To examine the association between personality pathology and relationship satisfaction on a day-to-day level, we measured both constructs using self report measures every day for eight to 21 days. The more negative affect or detachment people reported, the less likely they were to be satisfied in their relationship.

Social Media Effects on Inhibitory Control

Nicholas Marcogliese, Millikin University; Jacob Morgan, Millikin University; Georgia Martindale, Millikin University; Merrik Eddington, Millikin University

Why do people frequently check their phones despite it being rude or dangerous when they can inhibit the urge to check? We predict the more social media use, the worse the inhibitory control. We will run correlations between Flanker Task scores and participants’ time on social media, measured two ways.

Effects of Defendant Characteristics on Sentencing

Alexis Hofmann, University of Wisconsin-La Crosse

This study will examine the effects of adverse childhood events and age of the defendant on the length of sentencing received. It is hypothesized that younger defendants will receive less harsh punishment than older defendants. Also, it is hypothesized that those with adverse childhood events will receive a more lenient sentence.

First Glance: Impact of Affective Tone on the Perceptions of Friendliness and Political Ideology

Thimberley Morgan, Kent State University; Rachel Whitten, University of Houston; Jennfier Roche, Kent State University

Currently, it seems that the United States is split politically, which could be largely related to emotionally charged use of language in the media. In the current study, we explore how paralinguistic cues such as tone of voice shape the interpretation of others that behave in a politically motivated way.

The Impact of Parent Awareness on Preschoolers’ Sleep

Lauren Evert, Hope College; Cameron Everse, Hope College; Rebecca Messnick, Hope College; Micah Manthei, Hope College; Abby Rakus, Hope College; Sonja A. Trent-Brown, Hope College; Andrew Gall, Hope College

Few studies have examined preschoolers’ sleep patterns in their home environment. Parents completed assessments of sleep hygiene perspectives and maintained daily sleep journals for their child. This study has implications for parent awareness and education about the impact of parenting style and sleep belief patterns on their child’s sleep habits.

The Relationship of Childhood Worldview and Multicultural Desire on Civic Narcissism

Juliana Ison, University of Notre Dame

Through Amazon Mechanical Turk, we tested the relation of childhood worldview and adult multicultural desire with an extreme political attitude (i.e., Civic Narcissism). Regression models supported our hypotheses that negative childhood worldview and low multicultural desire would predict Civic Intensity. Conversely, positive worldview and high multicultural desire would predict Civic Modesty.

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.

Psi Chi Friday, April 12th

Psi Chi Roundtable
Graduate Faculty Conversations

Friday, 8:30-9:15AM Salon 9
Moderator: Jonathan Hammersley, Western Illinois University
Panelists: TBA (soon to be confirmed)
Planning to apply for graduate school, but have questions about what programs and future mentors are looking for? Bring your questions to a roundtable discussion with experienced graduate school mentors, available to discuss their own research, the qualities and skills they look for in potential graduate students, and more.

Psi Chi Symposium
So You Want to be a Graduate Student? An Inside Look

Friday, 8:30-9:15AM Salon 2
So You Want to Be a Graduate Student:
Moderator: Bryant Stone, Southern Illinois University
Panelists: TBA (soon to be confirmed)
When students first arrive at their graduate programs, culture shock can set in as the expectations and norms of learning are often different from the experiences in an undergraduate program. In this session, current graduate students from Master's and Doctoral programs will be available to answer your questions to help you make the leap from undergraduate to graduate school.

Psi Chi Roundtable
Graduate Faculty Conversations

Friday, 9:30-10:15AM Salon 9
Moderators: Jonathan Hammersley, Western Illinois University; Bryant Stone, Southern Illinois University
Panelists: TBA (soon to be confirmed)

Planning to apply for graduate school, but have questions about what programs and future mentors are looking for? Bring your questions to a roundtable discussion with experienced graduate school mentors, available to discuss their own research, the qualities and skills they look for in potential graduate students, and more.

Psi Chi Symposium
Data Blitz Session II

Fri, 9:30AM-10:15AM Salon 2
Moderators: David Kreiner, University Of Central Missouri

The effects of microaggressions on college students of color mental health

Vanessa Ocampo, Denison University; Tianyi Zhang, Denison University; Nia Gavia, Denison University; Monzerat Varegas, Denison University

Maternal Sensitivity, Race, and Child Internalizing and Externalizing Behaviors: A Moderation Study

Erin Vaughan, University of Notre Dame; Ruth Speidel, University of Notre Dame; Kaitlin Fondren, University of Notre Dame; Kristin Valentino, University of Notre Dame

Maternal sensitivity refers to a mother's ability to respond appropriately to her child's signals and her acceptance of the child's autonomy. This project investigates maternal sensitivity and its outcomes in a diverse high-risk sample, particularly how its connection with child internalizing and externalizing behaviors differs between African-American and Caucasian families

Gender Norm Consistency and STEM Engagement Among Undergraduate Women

Mia Weed, Northwestern University; Allison Skinner, Northwestern University; Adilene Osnaya, Northwestern University

The threat of social ostracism may lead women to abandon professional goals within STEM fields. In this study, we examined whether women

STEM students' gender-consistent (STEM-inconsistent) and gender-inconsistent (STEM-consistent) choices in response to social ostracism had an effect on well-being and likelihood of switching to a non-STEM major.

Hope, Racial Discrimination, and Social Support as Predictors of Positive Psychological Adjustment in African American Adults

Noelle Seward, University of Michigan, Ann Arbor; Shangwen Yi, Beijing Normal University; Olivia Chang, University of Michigan, Ann Arbor; Leah McAvoy, University of Michigan, Ann Arbor; Emmaleigh Krause, University of Michigan, Ann Arbor; Edward Chang, University of Michigan

In our study, we explored the role of racial discrimination, social support, and hope in accounting for positive psychological adjustment in 120 African Americans. Racial discrimination and social support were important in for accounting positive psychological adjustment. Additionally, hope agency consistently accounted for vitality and life satisfaction outside of racial discrimination and social support.

Science Interest among Girls of Color: The Role of SES and Science Identity

Lynn Kannout, DePaul University; María X. Valenzuela, DePaul University; Denise Soriano, DePaul University; Megan Rigsby, DePaul University; Amy Anderson, DePaul University; Christine Reyna, DePaul University

The relationship between SESs, science interest, and self, peer, and family recognition in science was investigated among a sample of Black and Latina high school girls. Findings indicate that SES is a predictor of one's science interest, but science identity may be a protective factor that overcomes socioeconomic barriers.

Psi Chi Invited Address

Gender stereotypes have changed but the changes are surprising

Alice Eagly, Northwestern University
eagly@northwestern.edu

Fri. 10:30AM – 11:30AM Red Lacquer
Moderator: Lindsey Root Luna, Hope College

Given women's large-scale entry into paid labor and their growing educational advantage over men as well as men's increasing domestic labor, a plausible prediction is that the classic gender stereotypes of female communion and male agency are moving toward androgyny. However, a meta-analysis that integrated 16 nationally representative U.S. opinion polls on gender stereotypes extending from 1946 to 2018 found quite different results. Interpretation of these findings emphasizes the origins of gender stereotypes in the social roles of women and men.

Conversation Hour

Friday 11:30AM-12:30PM Red Lacquer Room
Moderators: Lindsey Root Luna, Hope College
All students are invited to join a conversation hour with Dr. Eagly immediately after her talk.

Psi Chi Symposium
Taking the Road More Traveled: Using Your Psychology Degree in the Workforce

Friday, 2:00-2:50PM Salon 2

Jamie L. Bromley, Franklin College; R. Eric Landrum, Boise State University; Scott VanderStoep, Hope College

Baccalaureate graduates enter the workforce facing several challenges, including uncertainty about how to market the skills they have gained as psychology majors to employers. This session will focus on helping undergraduates to recognize and highlight transferable skills; find a satisfying job; and adjust expectations to the realities of a workplace structure far different from college. Options for strengthening workplace readiness will be discussed.

Psi Chi Symposium
Research with Psi Chi: Support, Grants, Awards, and Publishing, Oh My!

Friday, 2:00-2:50PM Salon 9

Tyler Miller, South Dakota State University; Martha Zlokovich, Psi Chi

Psi Chi has a variety of ways to support you in your research as an undergraduate, graduate students, and even as a faculty member. Come to learn about the ways that Psi Chi can facilitate your research agenda, from finding mentors or collaborators, funding your research, achieving recognition through awards, to publishing in a peer-reviewed journal!

Psi Chi Poster Session VII
Social & Other

Fri 8:30AM - 9:15AM Upper Exhibit Hall

1 You and Me Liking Me: Social Media Use and Self-Esteem
Rebecca Seilheimer, Murray State University; Jana Hackathorn, Murray State University (Jana Hackathorn, Faculty Sponsor)

2 The Relationship Between College Group Affiliation and Individual Substance Use Behavior
Carly Bostock, Nebraska Wesleyan University (Dr. Marilyn Petro, Faculty Sponsor)

3 Sexual Behavior, Alcohol Use, and Sexual Esteem in Emerging Adults
Caroline Welch, Kenyon College; Sydney Telaak, Kenyon College; Hannah Paterakis, Kenyon College (Dana Balsink Krieg, Faculty Sponsor)

4 Is There Evidence of a 'Ferguson Effect' on Crime in the United States?
Pero Dagbovie, Michigan State University; Joseph Cesario, Michigan State University (Dr. Joseph Cesario, Faculty Sponsor)

5 Individual and Community Perceptions of Senior Centers
Jordan McCormick, Miami University Hamilton (Ashley Vaughn, Faculty Sponsor)

6 Examining the Relationship Between Social Media Use and the Belief in a Just World
Luke Mouton, University of Missouri at Columbia; Michael Bultmann, University of Missouri at Columbia; Jamie Arndt, University of Missouri - Columbia (Dr. Jamie Arndt, Faculty Sponsor)

7 Use of geospatial analyses to investigate racial disparities in police use of force
Michael Marchiori, Michigan State University (David Johnson, Faculty Sponsor)

8 The Effect of Professors' First Language On ESL Speaking Anxiety
Meryiem Hadji, St. Cloud State University (Leslie A Valdes, Faculty Sponsor)

9 Masculine Performance of Men's Friendships
Marissa Wilson, Edgewood College; Marcos Palacios, Edgewood College (David Lambert, Faculty Sponsor)

10 Politics and Persuasion: Source Political Ideology
Henry Schilling, Southern Illinois University Edwardsville; Elora Voyles, Southern Illinois University Edwardsville (Elora Voyles, Faculty Sponsor)

11 Environmental Perception and Behavior Choices
Haley Falcon, University of Wisconsin-Green Bay; Georjeanna Wilson-Doenges, University of Wisconsin-Green Bay (Dr. Georjeanna Wilson-Doenges, Faculty Sponsor)

12 "I could tell by your accent": Accent perception and discrimination
Marjorie Price, Greenville University (Dr. Eric Watterson, Faculty Sponsor)

13 College Students’ Attitudes about Gun Control and Campus Security
Kaitlyn Leach, Southwest Minnesota State University; Scott Peterson, Southwest Minnesota State University (Scott Peterson, Faculty Sponsor)

14 Should I Stay or Should I Go: Exploring Moderators of the Link Between Implicit or Explicit Preference-Partner Match and Relational Outcomes
Brianne Crouse, Hope College; Amy Beasley, Hope College (Carrie Bredow, Faculty Sponsor)

15 Mix or Match? The Effect of Interviewer and Suspect Gender on Disclosure

Izem Simsek, Iowa State University; Laure Brimbal, Iowa State University; Christian Meissner, Iowa State University (Laure Brimbal, Christian Meissner, Faculty Sponsor)

16 Morality as a predictor of transphobia among straight, gay, and bisexual people

Cindy Bauknecht, University of Wisconsin-Green Bay; Robert Neuman, University of Wisconsin-Green Bay (Dr. Christine Smith, Faculty Sponsor)

17 Effects of Stigma on Challenging Behavior and Out-of-home Placement

Nicole Smith, Augustana College (Daniel Corts, Faculty Sponsor)

18 Consequences of Self-Inflicted Physical Illness Versus Mental Illness on Job Hiring Rates

Diamond Caulton, Mount St Joseph University (Tim Lawson, Faculty Sponsor)

19 When Does the Punishment End? The Effect of a Former Criminal Conviction on Employability and Meaning in Life.

Kierin Geed, University of Missouri-Columbia (Dr. Laura King, Faculty Sponsor)

20 Do hostile and benevolent stereotypes moderate perceptions of deaf rape victims?

Alexis Abbinanti, Augustana College (Daniel Corts, Faculty Sponsor)

21 Things people will do to avoid being excluded

Fiona Maylath-Bryant, DePaul University; RALPH ERBER, DEPAUL UNIVERSITY (Ralph Erber, Faculty Sponsor)

22 Campus Climate during Final Exams Week

Sylvia Tolczyk, Loyola University Chicago (Dr. Scott Tindale, Faculty Sponsor)

23 Do Some Athletes Enjoy the Pain they Inflict on Others in the Game?

Joshua Murray, Augustana College (Daniel Corts, Faculty Sponsor)

24 Media Manipulation: A Study on Media Exposure and the Effects on Female Well-Being
Claudia Markley, Anderson University; Lauren Babcock, Anderson University (Dr. Susan Doughty, Faculty Sponsor)

25 Family of Origin Influences on Adult Child Romantic Relationships
Jordan Bauer, Edgewood College; David Lambert, Edgewood College (David Lambert, Faculty Sponsor)

26 Fear the FOMO: Fear of Missing Out in College Students
Corina Cleveland, Wittenberg University; Micaela Pohlabel, Wittenberg University; Elsa Bertsch, Wittenberg University; Elizabeth McCarthy, Wittenberg University; William Davis, Wittenberg University (William Davis, Faculty Sponsor)

27 The Potential Bias Against Non-Binary Individuals in Helping Situations
Sabrina Davis, Coe College; Megan McCarty, Amherst College (Megan McCarty, Faculty Sponsor)

28 Impact of Race and Criminality upon Employment
Austin Van Cleave, University of Wisconsin Eau Claire (Jarrod Hines, Faculty Sponsor)

29 Statistical Relationships Between Five Factors and Bem Sex Role Inventory
Tyler Sassenberg, University of Minnesota Morris; Kerry Michael, University of Minnesota, Morris (Kerry C. Michael, Faculty Sponsor)

30 Do first-year only residence halls improve the formation of relationships?
Taryn Curie, Manchester University; Madison Coy, Manchester University; Sophia Harner, Manchester University; Lacy Walker, Manchester University (Marcie Coulter-Kern, Kelsey Jo Kessie, Faculty Sponsor)

31 The Role of Work-Related Stress, Social Media Use, and Self-Control Failure on Students' Academic Success

Mycanzie Foster, University of Wisconsin-River Falls; Brandy Valitchka, University of Wisconsin - River Falls (Melanie Ayres, Faculty Sponsor)

32 The Influence of Masculinity on Men’s Participation in Communal Careers

Sarai Bak, Drake University; Helen Trisko, Drake University; Matthew Musacchio, Drake University; Jill Allen, Drake University (Dr. Jill Allen, Faculty Sponsor)

33 Setting standards for judging teaching effectiveness: Does instructor gender matter?

Haley Day, Northern Kentucky University; Carly Barnhorst, Northern Kentucky University; Kathleen Fuegen, Northern Kentucky University; Robin M. Bartlett, Northern Kentucky University (Dr. Robin Bartlett, Dr. Kathleen Fuegen, Faculty Sponsor)

34 Photographical Affect and their Variation by Location

Rinn Ramcke, Wittenberg University; Elexis Spence, Wittenberg University; Seneca Neal, Wittenberg University; Gabrielle Zysik, Wittenberg University (Lauren Crane, Faculty Sponsor)

35 Relationship between Gender Roles and Mental Health Attitudes

Leslie Linares, Monmouth College (Tara McCoy, Faculty Sponsor)

36 Perceptions of Dating Infidelity for College Student's Influenced by: Age, Academic Year, Parent's Education Level, Gender, and Past Relationships

Samantha Fuit, University of Wisconsin-River Falls; Rachael Hanson, University of Wisconsin-River Falls (Melanie Ayres, Faculty Sponsor)

37 When Perfect Isn't Good Enough: Motivational Antecedents of Perfectionism

Allison Dunne, Viterbo University; Michael Parker, Viterbo University (Dr. Michael Parker, Faculty Sponsor)

38 Does Personality Contribute to Transphobia?
Saraphena Jochman, University of Wisconsin-Green Bay (Christine Smith, Faculty Sponsor)

39 Effects of Politicians Gender and Apologies on Perceptions of Scandal
Paige Hubbard, Xavier (Dr. Christian End, Faculty Sponsor)

40 Black and Latina Girls' Science Interest: The Role of Ethnic Identity and Helping Others
María X. Valenzuela, DePaul University; Lynn Kannout, DePaul University; Megan Rigsby, DePaul University; Denise Soriano, DePaul University; Amy Anderson, DePaul University; Christine Reyna, DePaul University (Christine Reyna, Faculty Sponsor)

41 Regional and Main Campus Perception of a Large, Public University
Zachary Hardwick, Miami University (Dr. Ashley R. Vaughn, Faculty Sponsor)

42 Gender and Location of Upbringing of College Students as Predictors of Stigma Towards People with Schizophrenia
Nicole Thayer, University of St. Thomas; Treinae Schweitzer, University of St. Thomas; Kylie Schuelke, University of St. Thomas (Dr. Gregory Robinson-Riegler, Faculty Sponsor)

43 Sense of Community and Space
Amanda Corona, Augustana College (Dr. Daniel Corts, Faculty Sponsor)

44 Public Speaking Anxiety and Use of Filler Words
Abigail Parsons, Saint Mary's College (Rebecca Stoddart, Faculty Sponsor)

45 Decision making tendencies in religious vs non-religious people
Haley Fleek, Peru State College (Dr. Kelli A. Gardner, Faculty Sponsor)

46 The Secure True Self: Self-essentialism and Psychological Needs
Benjamin Manriquez, DePaul University; Ellen Dulaney, DePaul University;

Verena P Graupmann, DePaul University (Verena Graupmann, Ph.D., Faculty Sponsor)

47 Views on Modern Feminism & Gender
Kayce Kovach, Slippery Rock University; Danielle Perrone, Slippery Rock University (Dr. Christopher Niebauer, Faculty Sponsor)

48 Within-Group Discrimination and Intimate Relationships: Understanding Colorism in the Context of Relationship Satisfaction
Naya Sutton, University of Missouri; Antoinette M. Landor, University of Missouri-Columbia (Dr. Antoinette Landor, Faculty Sponsor)

49 Effect of Participant and Perpetrator Gender on Reactions to Verbal vs. Physical Sexual Harassment
Hannah Djakovich, John Carroll University (Dr. John Yost, Faculty Sponsor)

50 The Role of Gender Identity Threat in Sexist and Homophobic Humor
Erica Burton, University of South Carolina Upstate (Dr. Ann Hoover, Dr. Christa Christ, Faculty Sponsor)

51 Empathy, In-Group Favorability, and Social Categorization in Minimal Groups
Hibah Naseer, University of Michigan- Dearborn; Omar Khan, University of Michigan- Dearborn; Debra Erickson, University of Michigan-Dearborn (Dr. Robert Hymes, Faculty Sponsor)

52 Perceived Effectiveness of the #metoo Movement, Rape Myths, and Belief in a Just World
Stefanie Fuller, Indiana University Kokomo (Kathryn Holcomb, Faculty Sponsor)

53 How do mandatory first-year resident halls affect the first-year experience compared to non-mandatory first year dorms?
Taylor Grehl, Manchester University; Kole Kelley, Manchester University;

Lorionna Wilson, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

54 Exploring the relationship between bullying and alcohol abuse in college students

Gabrielle Huxhold, Dominican University (Tina Taylor-Ritzler, Tracy Caldwell, Sophia Duffy, Faculty Sponsor)

55 Differences in Stereotypes and Meta-stereotypes of Transgender Persons

Ashley Worley, University of Kansas; Carrie Sutherland, University of Kansas; Kirstie Camp, University of Kansas; Lauren Miller, University of Kansas; Shannon Ayers, The University of Kansas; Erika Simon, University of Kansas; Natalie Cacchillo, The University of Kansas; Anna Pope, University of Kansas (Anna Pope, PhD., Faculty Sponsor)

56 Hiring Practices: Emphasizing Similarities VS Embracing Differences

Carrie Sutherland, University of Kansas; Anna Pope, University of Kansas (Dr. Anna Pope, Faculty Sponsor)

57 Perceptions of Male Victims of Domestic Violence by SES

April Bartenschlag, Marietta College; Madeline Holbrook, Marietta College; Mark Sibicky, Marietta College (Mark Sibicky, PhD, Faculty Sponsor)

58 Power Dynamics and Sexual Scripts in Heterosexual Relationships

Temitope Abiodun, University of River Falls; Melanie Ayres, University of Wisconsin, River Falls (Dr. Melanie Ayres, Faculty Sponsor)

59 A Study on the Effect of Political Belief on the Frequency, Length, and Depth of Communication Between College Students and Their Parents

Damien Beck, University of Missouri-Columbia (Jennifer Casper, Eric Brown, Faculty Sponsor)

60 Biased Attention as a Predictor of Social Anxiety

Nolan Kaine, Student; Arishna Agarwal, Cleveland State University (Ilya Yaroslavsky, Faculty Sponsor)

61 *PSI CHI AWARD WINNER*

The Influence of Implicit-Explicit Mate Preference Discrepancies on Relationship Outcomes

Tiffany Bell, Hope College; Marny Ehmann, Hope College (Dr. Carrie Bredow, Faculty Sponsor)

SC-IAT and survey data collected from 200 partnered individuals will be used to examine whether greater T1 implicit and explicit mate preference match predicts more positive relationship outcomes concurrently and prospectively. The influence of implicit preferences on the predictive validity of explicit standard-partner match also will be analyzed.

62 An Examination of the Effect of Perceived Intragroup Prejudice on the Well-being of Latinx Individuals

Adilene Osnaya, Northwestern University; Sirenia Sanchez, Northwestern University (Sylvia Perry, Faculty Sponsor)

63 Effects of Embarrassability on Empathy and Self-consciousness.

Victoria Bonack, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

64 Parents and Non-parents Agree on Children Using Cell Phones at a Young Age

Petra Fletes-Fregoso, Cardinal Stritch University; Marco Martinez Alcantara, Cardinal Stritch University (Terrance L. Steele, Faculty Sponsor)

65 Reducing Prejudice Towards Atheists Caused by Religious Priming

Elizabeth Jones, University of Kansas; Josh Higgins, University of Kansas; Josh Rice, University of Kansas; Evelyn Wilson, University of Kansas; Levi Smith, University of Kansas; Natalie Cacchillo, The University of Kansas (Anna R. Pope, Faculty Sponsor)

66 Personality Profiles of Long and Short Term Missionaries

Emily Vyhmeister-Cancel, Andrews University (Karl Bailey, Faculty Sponsor)

67 Not all Republicans: Socially Acceptable Negative Feelings Toward Trump Supporters
Lucas Smith, Indiana University; Hannah Samuels, Indiana University; Kathryn Kroeper, Indiana University-Bloomington; Mary C. Murphy, Indiana University (Mary Murphy, Faculty Sponsor)

68 Trash-talk and competitive performance: habitual trash-talk participants perform poorly even without verbal aggression
Reinholdt Olson, The University of Michigan; Paritosh Joshi, Case Western Reserve University; Zachary Reese, University of Michigan - Ann Arbor; Stephen Garcia, The University of Michigan (Zachary Reese, Stephen Garcia, Faculty Sponsor)

69 Romantic Resentment: Implicit and Explicit Feelings About Relative Achievement in Romantic Partners
Katie Tozer, University of Michigan, Ann Arbor; Jasmine Hamilton, University of Michigan, Ann Arbor; Loraine Pesheck, University of Michigan, Ann Arbor; Zachary Reese, University of Michigan - Ann Arbor; Stephen Garcia, The University of Michigan (Dr. Stephen Garcia, Zachary Zeese, Faculty Sponsor)

70 Relationship of Epistemic Beliefs and Sociopolitical Attitudes
Arshiya Mariam, John Carroll University (John Yost, Faculty Sponsor)

71 The Dark Triad and sabotage: Manifestations of Machiavellianism, psychopathy, and narcissism during competition
Julia Wright, The University of Michigan; Amy Zhang, The University of Michigan; Zachary Reese, University of Michigan - Ann Arbor; Todd Chan, The University of Michigan; Stephen Garcia, The University of Michigan (Dr. Stephen Garcia, Zachary Reese, Faculty Sponsor)

72 Female visual cues and their influence on attribution of blame
Maria Ciminillo, Denison University; Zoe Loitz, Denison University; Gabriella Nutter, Denison University (Dr. Erin Henshaw, Faculty Sponsor)

73 “Like Us, Love Us”: An Investigation of Social Media Use and Romantic Relationship Satisfaction
Christine Lam, University of St. Thomas (Dr. Buri, Faculty Sponsor)

74 Understanding How Framing Racial Inequality Affects Racial Attitudes: A Replication Study

Juana Iris Borrego Solis, Dominican University; Emily Sanabria, Dominican University (Tina Taylor-Ritzler, Faculty Sponsor)

75 Listening to Postdoctoral Fellows: A Qualitative Study of Clinical Supervision in Psycho-Oncology

Taylor Michl, Webster University; Afton Nelson, Ludwig Maximilian University of Munich; Hannah Rowold, MGH Institute of Health Professions; Trish Raque-Bogdan, The University of Denver; Nicole Taylor, The University of Denver; Amanda Kracen, Webster University (Amanda Kracen, PhD, Faculty Sponsor)

76 Correlations Between the Coach-Athlete Relationship, Motivation, Burnout, and Dropout

Kaylyn Herron, University of Wisconsin - Green Bay (Jana Fogaca, Faculty Sponsor)

77 An Examination of the Relationship Between Personality and Adherence/Adherence Barriers in Young Adults

Victoria Miller, Lake Forest College; Lindsay Durkin, Rosalind Franklin University of Medicine; Rachel Neff Greenley, Rosalind Franklin University of Medicine & Science (Rachel N. Greenley, Faculty Sponsor)

78 Student Athletes' Perception of Value and Effectiveness of Sports Psychology Services as Influenced by the Practitioners' Training and Gender: A Quantitative Approach

Zachary Biehn, University of Wisconsin - La Crosse; Alessandro Quartiroli, UW - La Crosse; Danielle Vetsch, University of Wisconsin - La Crosse (Alessandro Quartiroli, Faculty Sponsor)

79 A Welcome Email to Build Instructor-Student Rapport: Best Under What Circumstances?

Julie Adams, Elmhurst College; Kathleen Walls, Elmhurst College; Nicole Giametta, Elmhurst College (Elizabeth A. Majka, Faculty Sponsor)

80 Personality Characteristics and Academic Major Change

Ian Henne, Maryville University (Dr. Peter Green, Faculty Sponsor)

81 Stigma and the Spectrum:Measuring Undergraduate Perceptions of Autism Spectrum Disorder
Damian Deener, Webster University (Dr. Victoria McMullen, Faculty Sponsor)

82 White Collective Guilt as Elictied from Reports of Individual and Systemic Racism
Maeven Barry, The College of Wooster (Barbara Thelamour, Faculty Sponsor)

83 The Use of Visual Cues in Mindfulness Breathing Exercises
Chris Warmann, College of DuPage; Laima Vagonis, College of DuPage; Kaylie Vaden, College of DuPage; Noah Thompson, College of DuPage; Manisha Shah, College of DuPage; Cristian Rojas, College of DuPage; Myriam Morcos, College of DuPage; David McDermott, College of DuPage; Alyssa Lucchesi, College of DuPage; Michael Kwon, College of DuPage; Lamont Guintu, College of DuPage; Ben Collins, College of DuPage (Sarah Butler, Faculty Sponsor)

84 Basic Affect in Social Support and Reactions to Social Ostracism Using Cyberball
Christina Wiebmer, Bradley University; Sarah Jernberg, Bradley University (Dr. Beckes, Faculty Sponsor)

85 Opioidergic Involvement in Exercise Induced Attraction Effects
Jaclyn Werle, Bradley University; Claudio DeBon, Bradley University; Nathan Wisbey, Bradley University; Michelle Peppers, Bradley University; Adam Bitar, Bradley University; Christina Wiebmer, Bradley University; Sarah Jernberg, Bradley University (Lane Beckes, Faculty Sponsor)

Psi Chi Poster Session VIII
Clinical, Experimental, & Social

Fri 9:30AM - 10:15AM Upper Exhibit Hall

1 New Strides in Human Animal Interaction and Animal Assisted Therapy

Thomas Nickele Jr., University of St. Thomas (Dr. Sarah Hankerson, Faculty Sponsor)

2 *PSI CHI AWARD WINNER*

Maternal depression and child temperament as interactive predictors of maternal parenting

Karina Palermo, University of Dayton (Dr. Jackson Goodnight, Faculty Sponsor)

This study examines the relationship between maternal depression, child temperament, and maternal parenting. Maternal depression showed a trend level association with decreased responsiveness, and significant associations with increased harsh parenting and decreased learning stimulation.

3 Fear of Aging and Mindfulness: The Role of Life Satisfaction

Rachel Rogalski, Southern Illinois University Edwardsville; Samantha Smith, Southern Illinois University of Edwardsville (Christopher Rosnick, Faculty Sponsor)

4 Relationship between Locus of Control, Stress, and Anxiety

Jordan Hober, Murray State University; William Crabtree, Murray State University (Dr. Marie Karlsson, Faculty Sponsor)

5 Stress, Anxiety, and Locus of Control: How Externalization of Stressful Situations Relates to Symptoms of Anxiety

William Crabtree, Murray State University; Jordan Hober, Murray State University (Dr. Marie Karlsson, Faculty Sponsor)

6 Exploring Suicide Risk in Adults

Jennifer Johnson, Lindenwood University (Dr Colleen Biri, Faculty Sponsor)

7 Cross-Cultural Comparisons of Underlying Factors in Mental Health and Treatment-Seeking

Dragoslava Barzut, Wartburg College (Shaheen Munir, Faculty Sponsor)

8 Narratives of Emerging Adulthood: Common Themes and Their Ties to Emotional Wellbeing

Megan DuBois, St. Olaf College; Meredith Stolte, St. Olaf College (Grace Cho, PhD, Faculty Sponsor)

9 Analysis of factors in Randall’s racial identity development and sense of belonging in NBC’s “This is Us“
Kelsey Appel, University of St. Thomas; Kiana Schuchard, University of St. Thomas (Jean E. Giebenhain, Faculty Sponsor)

10 Empathy, Hypomanic Symptoms, and Interpersonal Functioning: A Mediation Analysis
Samantha Smith, Southern Illinois University of Edwardsville (Eunyoe Ro, Faculty Sponsor)

11 The impact of socioeconomic status on perceived social support and coping strategies
Julia Fraterrigo, Augustana College; Alyssa Rogalski, Augustana College; Amanda Schar, Augustana College; Emma Slattery, Augustana College; Kathryn Steininger, Augustana College; Austin Williamson, Augustana College (J Austin Williamson, Faculty Sponsor)

12 Students' Best Friend: The Effectiveness of Therapy Dogs as a Stress-Relief Activity for Undergraduate Students
Brandi Steinbach, Augsburg University (Dr. Stacy Freiheit, Faculty Sponsor)

13 Moderating Effect of Adolescent Social Connectedness on the Relationship between Adolescent Psychological Risk Factors and Substance Use Disorder during Adulthood
Rebekah Frampton, University of Findlay (Andrea Mata, Faculty Sponsor)

14 Scan Patterns and Graph Interpretation in Psychology Students and Faculty
Holly Pelnar, Carthage College (Elizabeth L Cameron, Faculty Sponsor)

15 Social isolation and mental health in Minnesota: Results from a random sample of Minnesotans
Holly Goodwin, Saint Cloud State University (Amanda Hemmesch, Jim

Cottrill, Ann Finan, Monica Garcia-Perez, Sandrine Zerbib, Faculty Sponsor)

16 Social (smoking) chameleons: Camouflaging and social smoking behaviors in individuals with symptoms of Autism Spectrum Disorder
Erin Shelton, Miami University (Joshua Magee, Faculty Sponsor)

17 Sexual Behavior and Contraceptive Use among College Students : Comparing a Religious and National Sample
Nicolai Williams, Andrews University (Herbert W. Helm Jr., Duane C. McBride, Faculty Sponsor)

18 Differences in Eastern & Western Mindfulness & Psychological Wellbeing
Savannah Stevens, Augsburg Univeristy (Stacy Freiheit, Faculty Sponsor)

19 The Effects of Observing Acts of Kindness on Wellbeing
Ariel Koch, Augsburg University (Stacy Freiheit Ph.D., L.P., Faculty Sponsor)

20 Posttraumatic Stress Disorder and Hostile Attribution Bias as Predictors of Intimate Partner Violence Perpetration
Shuyu Gao, Purdue University; Andrea Massa, Purdue University; Chris I Eckhardt, Purdue University (Christopher Eckhardt, Faculty Sponsor)

21 PTSD and Stigma: How People View PTSD
Cole Englert, Fontbonne University (Jason Finley, Faculty Sponsor)

22 Association among Adverse Childhood Experiences, Social Support, and Adult Mental Health and Substance Abuse
Amanda Bennett, University of Missouri - Columbia (Kristin Hawley, Faculty Sponsor)

23 The Relative Contribution of Maternal Pressure and Modeling on Daughters' Eating and Body-Related Attitudes and Behaviors
Kristin Cullinan, University of Notre Dame; Dawn Gondoli, University of

Notre Dame; Erin E. Hillard, University of Notre Dame (Dawn M. Gondoli, Erin E. Hillard, Faculty Sponsor)

24 The Relationship between Migraines, Anxiety, and Depression
Hannah Wozniak, Saint Mary's Collee (Rebecca Stoddart, Faculty Sponsor)

25 Religion and mental illness
Melissa Huesman, Augsburg University (stacy freiheit, Faculty Sponsor)

26 Executive Functioning after Brain Injury
Emily Johnson, University of Nebraska-Lincoln; Kathy Chiou, University of Nebraska-Lincoln (Kathy Chiou, Faculty Sponsor)

27 Non-somatic symptoms of depression predict suicidal thoughts in college students
Jennica Rogers, Kansas State University; Taylor Capko, Kansas State University; Barbara Pitts, Kansas State University; Heather Bailey, Kansas State University (Heather Bailey, Barbara Pitts, Faculty Sponsor)

28 A study on executive functioning and symptoms of anxiety and depression among Latino youth
Kimberly Galvez-Ortega, Loyola University Chicago; Sarah Jolie, Loyola University Chicago; Catherine Santiago, Loyola University Chicago (Dr. Catherine DeCarlo Santiago, Faculty Sponsor)

29 Psychological Need Fulfillment Impacts Frequency of Binge Drinking: A Qualitative Study of Binge Drinking Activity and Psychological Need Fulfillment in Undergraduate Students
Joseph Pitock, Bradley University (Amy Bacon, Faculty Sponsor)

30 A Replication Study: The Relationship of Narrative Tone and Depression
Ashlyn Maher, Monmouth College (Tara McCoy, Faculty Sponsor)

31 Take Ten: Smartphone-based mindfulness intervention and its effect on interoception, emotion regulation, depression, and anxiety

Emily Starr, Northwestern College; Jennifer Feenstra, Northwestern College (Dr. Jennifer Feenstra, Faculty Sponsor)

32 Associations Between Neural Activity and Daily-Life Emotion Dysregulation During Emotional Conflict Regulation

Elise Tidwell, University of Missouri- Columbia; 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 G. Kerns, Jessic P. Y. Hua, Faculty Sponsor)

33 Examining the Effects of Depression and Treatment Length on Outcomes in Couple Therapy

Emily Schulz, Michigan State University; Erica Mitchell, Michigan State University; Marsha Carolan, Michigan State University (Marsha Carolan, Ph.D., Faculty Sponsor)

34 Narrative Identity in Relation to Mental Illness Beliefs and Self-Stigma

Caitlyn Allen, Monmouth College (Tara McCoy, Faculty Sponsor)

35 The Effects of Dialectical Behavior Therapy Skills on Borderline Personality Symptoms in a 24 Week Period

Meredith Reahm, The Ohio State University (Jennifer Cheavens, Faculty Sponsor)

36 Gender differences associated with personality, attitudes towards appearance, and disordered eating

Chelsey Baumann, Illinois State University; Suejung Han, Illinois State University (Suejung Han, Faculty Sponsor)

37 An Investigation of Attention Control as a Marker for Depression

Isabel Schweitzer, Cleveland State University; Pranav Bolla, Cleveland State University; Angela Bush, Cleveland State University; Arishna Agarwal, Cleveland State University; Ilya Yaroslavsky, Cleveland State University (Ilya Yaroslavsky, Faculty Sponsor)

38 Flexible and Conditional Administration of the Minnesota Multiphasic Personality Inventory-2-Restructured Form in Pre-Surgical Psychological Evaluations of Spinal Cord Stimulation Implant Candidates

Alison Carey, John Carroll University (Anthony Tarescavage, Faculty Sponsor)

39 Perceived Social Support Mediates Mindfulness and Positive Affect

Ben Harrison, University of Toledo; Kelsey Pritchard, The University of Toledo; Peter Mezo, University of Toledo (Peter Mezo, Ph.D., Faculty Sponsor)

40 Investigating empathy as a moderator of the relation between sexual violence beliefs and sexual violence behaviors in college students

Sylwia Osos, Loyola University Chicago; Carol Hundert, Loyola University Chicago; Colleen S. Conley, Loyola University Chicago (Dr. Conley, Faculty Sponsor)

41 *PSI CHI AWARD WINNER*

Associations between heart rate variability, core language ability, and social functioning in autism spectrum disorder

Riley McCarty, University of Missouri - Columbia; Brad Ferguson, University of Missouri Thompson Center for Autism & Neurodevelopmental Disorders; Katherine Bellesheim, University of Missouri - Columbia; Samantha Hunter, University of Missouri Thompson Center for Autism and Neurodevelopmental Disorders (Dr. David Beversdorf, Faculty Sponsor)

Some individuals with autism experience high levels of stress which may be associated with social and communication impairments. This study examined heart rate variability, a measure of the stress response, and language and social function in ASD. We expect that stress will be negatively associated with language and social abilities.

42 Positive Body Talk and Feminist Identity Development: Their Role in Body Dissatisfaction

Christina Thompson, Baldwin Wallace University (Dr. Jennifer Perry, Faculty Sponsor)

43 Emotion Recognition in Individuals with Moderate to Severe Traumatic Brain Injury

Megan Jones, University of Nebraska-Lincoln; Lauren Weis, University of Nebraska-Lincoln (Kathy Chiou, Faculty Sponsor)

44 Correlations Between Perfectionistic Tendencies and Mental Health Outcomes

Tyler Bennett, University of Wisconsin-La Crosse (Alexander O'Brien, Faculty Sponsor)

45 Impact of Anxiety Disorders and Symptoms on Party Affiliation

Rachel Oliver, Wittenberg University (Dr. Stephanie Little, Faculty Sponsor)

46 Assessing the Impact of Behavioral Activation on Depressive Symptoms in Blacks with Mild Cognitive Impairment

Ha Nguyen, St. Olaf College; Robin Casten, Jefferson University; Barry Rovner, Jefferson University (Benjamin Leiby, Faculty Sponsor)

47 Boredom and Habit Serve as Primary Reasons for Phone Use by College Students During Free Time

Danielle Dorn, Cardinal Stritch University; Isabella Sakai, Cardinal Stritch University (Terrance Steele, Faculty Sponsor)

48 Relationship between Implicit Theories and Stress Regulation

Madison Tomblin, Holy Cross College; Maritza DeAnda, Holy Cross College; Maria Barrera, Holy Cross College; Brooke Sterkowitz, Holy Cross College; Olga Escamilla, Holy Cross College; Stacy Ramirez, Holy Cross College; David May, University of Notre Dame/Undergraduate Student; Cosette Fox, Holy Cross College; Lira Yoon, University of Notre Dame/Professor (Cosette Fox, Faculty Sponsor)

49 A Progress Bar’s Influence on Data Quality and an Assessment of Satisfaction Among Short and Long Surveys

Adele Hofer, Northwestern College (Dr. Edman & Dr. Feenstra, Faculty Sponsor)

50 Does Type of Abuse Affect Perceptions of a Perpetrator's Gender?
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51 Pen Chromaticity’s Effect on the Recall of Details Following Lecture Annotation
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52 Effects of Room Lighting on State-Anxiety Measurements
Mariah Palmer, Lindenwood University (Michiko Nohara-LeClair, Faculty Sponsor)

53 The Roles of Competition and Gender on Physical Performance
Hannah Reussner, Central College; Baylee Kivett, Central College; Daniel Alanis, Central College; Josh Sharp, Central College (Keith Jones, Faculty Sponsor)

54 Studying the effects of Auditory and Visual stimuli for learning using ASL.
James Walshaw, Southeast Missouri State University (Dr. Whiteford-Damerall, Faculty Sponsor)

55 'Hey Bixby': Anthropomorphic feature preference in virtual assistants
Aimee Ferriss, Central College; Shayla Cox, Central College; Quinn McClurg, Central College (Keith Jones, Faculty Sponsor)

56 Effects of Pet Therapy on Anxiety and Depression on College Students
Kristina Richardson, Holy Cross College; Alyssa Cramer, Holy Cross College (Dr. Cosette Fox, Dr. Doris Van Auken, Faculty Sponsor)

57 A Study of the Correlation Between Consonance and Dissonance
Christopher Ashton, Shawnee State Uinversity; Allison Sargent, Shawnee State University (Kyle Vick, Faculty Sponsor)

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Cassidy Sansoucie, Jefferson College (Brandon Whittington, Faculty Sponsor)

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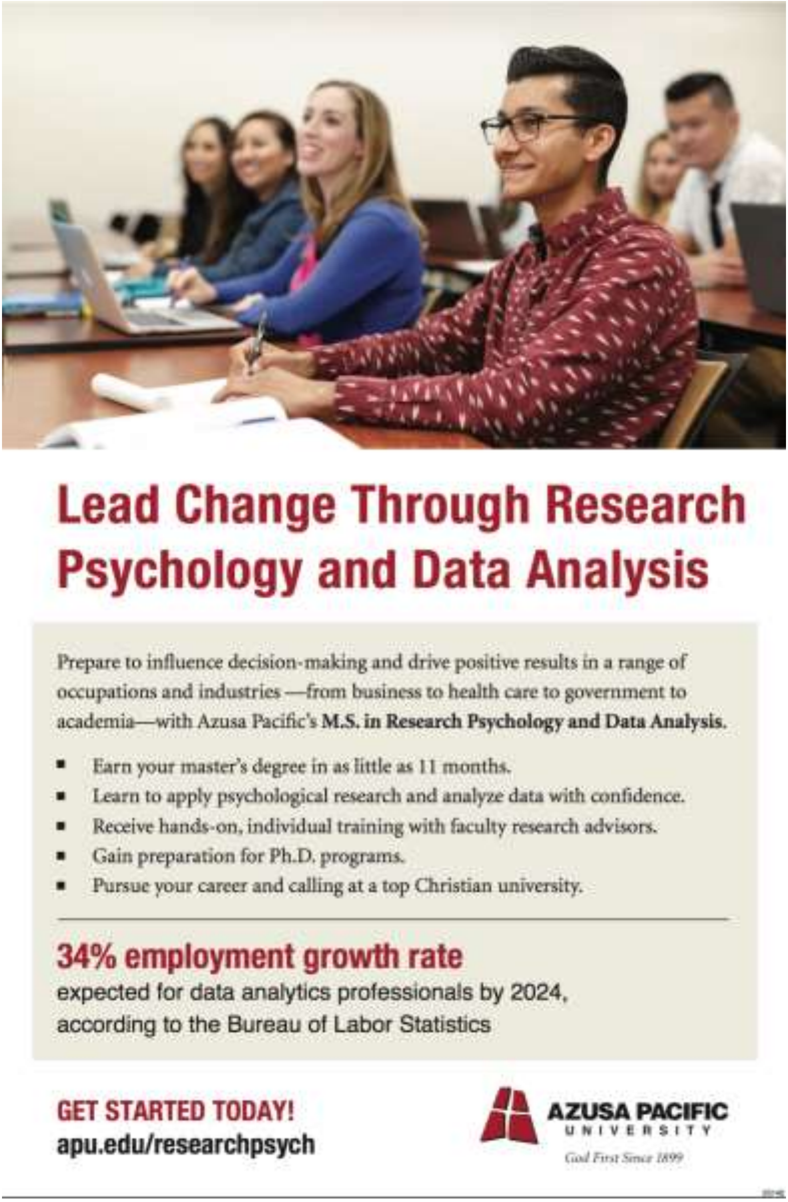

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