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School of Professional Studies

PROGRAM

NINETY-THIRD ANNUAL MEETING

MIDWESTERN PSYCHOLOGICAL ASSOCIATION

APRIL 22-24, 2021

VIRTUAL CONFERENCE

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NEXT YEAR'S MEETING

April 21-23, 2022, Chicago

Thursday Morning

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On Demand 01	Attitudes (p. 24)	Ostracism & Social Rejection (p. 35)	
On Demand 02	Racism (p. 28)	Social Identity (p. 36)	
On Demand	STP Invited Address: Guy Boysen (p. 228)		
On Demand 04		Romantic Relationships (p. 37)	
On Demand 05	Language & Cognition (p. 27)	Attention & Executive Processes (p. 34)	
On Demand 06	PROF DEV: NSF funding opportunity for psychology faculty, researchers, and evaluators: Yes, Psychology IS a fundable science (p. 31)	PROF DEV: Tips and Potential Pitfalls in Writing a Competitive NSF Grant Proposal (p. 45)	
On Demand 07	Adverse Childhood Experiences (p. 30)	Disordered Eating (p. 39)	
On Demand 08		10:00-11:00 STP Roundtable I (p. 235) 11:00-12:00 STP Roundtable II (p. 236)	
On Demand 09	Health Psychology (p. 25)	Video Games, Games, & Social Media (p. 40)	
On Demand 10	Cognitive Neuroscience I (p. 33)	Physiological Psychology (p. 42)	
Live Room 01	MPA Invited Presidential Address: Jeff Karpicke (p. 32)	MPA Invited Presidential Address: Ted Robles (p. 44)	
Poster Room	8:30-10:20 STP: Poster Session (p. 229) 9:00-:9:50 Psi Chi: Poster Session I: Social (p. 258) 10:00-10:50 Psi Chi: Poster Session II: Social (p. 270)	Psi Chi: Poster Session III: Applied, I/O, & Cognitive (p. 282)	
SCRA Room		Films in Psychology Courses: A Roundtable Discussion for CinemaPsych Podcast (p. 236)	
Psi Chi Room	8:30-9:20 Start Strong: Navigating the MPA Convention Online (p. 258) 9:30-10:20 Getting In: Applying to Graduate Programs (p. 270)	10:30-11:20 So You Want to be a Graduate Student? An Inside Look (p. 282) 11:30-12:20 Success as a Graduate Student Researcher (p. 294)	

Thursday Afternoon

Thursday Afternoon			
Room 1:00PM – 2:50PM		3:00PM – 4:50PM	
On Demand 01	Race & Ethnicity I (p. 61)	Race & Ethnicity II (p. 82)	
On Demand 02	Sexism (p. 62)	The Racism and Sexism Interaction (p. 83)	
On Demand 03	Political Psychology I (p. 63)	Emotion (p.85)	
On Demand 04	Family Relationships (p. 65)	Self-Regulation & Motivation (p. 87)	
On Demand 05	PROF DEV: Decolonizing the Classroom: Turning the Page (p. 70)		
On Demand Of PROF DEV: Psychology as Part of the Team in Youth Sports (p. 70)		PROF DEV: Psi Alpha – High School Psychology: The Good, Bad, and Better (p. 72)	
On Demand 07	Women's Health & Relationships (p. 66)		
On Demand 08	STP Roundtable III (p. 237)		
On Demand 09	Personality Psychology (p. 67)	Psychology of COVID-19 (p. 89)	
On Demand 10	Psychopharmacology (p. 69)	Cognitive Neuroscience II (p. 91)	
Live Room 01	12:10-1:25 SYM: Interactions Between Stress Systems and Alcohol Drinking Behaviors (p. 47)	MPA Invited Presidential Address: Linda R. Tropp (p.94)	
12:00-1:50 SYM: Fandom: Fulfilling Psychological Needs (p. 46) Live Room 02 2:00-3:00 SYM: The "Alt-White": Psychological Underpinnings and Consequences of Toxic White Identity (p. 71)		SYM: Case Studies From a Novel Acceptance and Commitment Therapy Protocol (p. 92)	
Poster Room	1:00-2:50 Applied Social: Poster Session (p. 48) 1:00-1:50 Psi Chi: Poster Session IV: Biological & Clinical (p. 295)	Cognitive Psychology Poster Session (p. 73)	
Psi Chi Room	Taking the Road More Traveled: Using Your Degree in Psychology in the Workforce (p. 307)	Psi Chi Awards Presentation (p. 307)	

Friday Morning

Room	8:30AM – 10:20AM	10:30AM – 12:20PM	
On Demand	LGBTQ+ Stereotypes & Prejudice (p. 99)	Intergroup Relations (p. 117)	
On Demand 02		Stereotypes & Prejudice: The Body, Poverty, and Crime (p. 119)	
On Demand 03	Religious Beliefs & Behaviors (p. 104)	Political Psychology II (p. 121)	
On Demand 04	Social & Emotional Development (p. 105)	The Self (p. 122)	
On Demand 05	Learning & Self-Regulation (p. 101)	Learning Processes (p. 113)	
On Demand 06		PROF DEV: Supporting Student Research at Teaching-Intensive Universities (p. 124)	
On Demand 07	Risk & Resilience (p. 106)	Stress Management (p. 116)	
On Demand 08		STP Roundtable IV (p. 239)	
On Demand 09	Industrial and Organizational Psychology & Higher Education (p. Psychology (p. 97) 114)		
On Demand 10			
Live Room 01	INVITED SYM: Influences on Disordered Eating, Attitudes, & Behaviors (p. 103)	MPA Invited Presidential Address: Mesmin Destin (p.108)	
Live Room 02	8:30-10:30 SYM: Western and Eastern Cognition: Daoist Thinking and Application (p. 96) 10:30-11:30 Psi Chi Invited Address: Acacia Parks (p. 322)		
Poster Room	Psi Chi: Poster Session V: Experimental, Health, & Other (p. 308)	Behavioral Neuroscience: Poster Session (p. 109)	
SCRA Room	8:00-8:30 Juggling on a Balance Beam: Best Practices to Manage Graduate Student Responsibilities and Wellbeing During COVID-19 (p. 242) 8:30-9:00 Building Connectedness and Expanding Social Capital Among Community Psychologists (p. 242) 9:00-9:30 Understanding Identity with an Ecological Perspective (p. 243)	10:30-11:00 Combatting Underrepresentation: Examining the Role of Marginalization in Community Research (p. 244) 11:00-11:30 Creating and Implementing New Graduate Programs in Community Psychology (p. 244) 11:30-12:00 Reframing and Integrating Academy and Practice (p. 245) 12:00-12:30 Reflecting on Our Gender- Based Violence Work and Its Relationship to BLM (p. 245)	

	9:30-10:00 Chicago Anti-Recidivism	12:30-1:00 Barriers and Supports for
(CAR) Model: Collaborating for		Pursuing Entrepreneurship: The Role of
	Social Chance and Empowerment (p.	Community Psychologists (p. 245)
	243)	
	10:00-10:30 Developing Culturally	
	Adapted Trauma Therapy for	
	Adolescents, Families, and	
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Friday Afternoon

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On Demand 02	PROF DEV: Office Hours with an NSF Program Officer (p. 125)		
On Demand 03	Interpersonal Relationships (p. 148)		
On Demand 04	Status & Culture (p. 150)		
On Demand 05	Developmental Cognition (p. 142)		
On Demand 06	PROF DEV: Graduate School Success: Transitioning from R1 to Liberal Arts (p. 151)		
On Demand 07	Adult Psychopathology (p. 146)		
On Demand 08	STP Symposia I (p. 240)	STP Symposia II (p. 241)	
On Demand 09	Gender & Identity (p. 144)		
On Demand 10			
Live Room 01	MPA Invited Presidential Address: Michele J. Gelfand (p.152)	MPA Awards & Presidential Keynote (p. 154)	
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Poster Room	1:00-2:50 Clinical & Developmental: Poster Session I (p. 126) 1:00-1:50 Psi Chi: Poster Session VI: Developmental & Positive (p. 323)		
1:00-1:30 Reform, Defund, or Abolish the Police? (p. 246) 1:30-2:00 COVID-19 Survivors: A Panel and Open Discussion (p. 246) 2:00-2:30 How Does Cognitive Psychology Inform Interventions for Substance Use Disorders? (p. 247)		3:00-3:30 Mentoring Graduate Students and Early Career Professionals: Becoming Change Agents (p. 247) 3:30-4:00 Big Data Methods and Applications in Psychology (p. 248) 4:00-4:30 Uncovering the Roots of an Insufficient and Suppressive Resettlement System (p. 248)	

	2:30-3:00 Advancing Equity in Academic and Scholarly Publishing (p. 247)	4:30-5:00 Neighborhood Health from Youth's Perspectives: The Youth Lens Findings (p. 248) 5:00-5:30 Facilitating Community Empowerment Environmentally Sustainable Green Space Programs (p. 249) 5:30-6:00 Reflections on Choosing a Decolonial and Adversarial Interview Style Over Gentle Civility (p. 249) 6:30 -7:30 SCRA Reception (p. 250)
Psi Chi Room	1:00-2:00 Chapter Exchange: Success and Challenges for Psi Chi Chapters in 2021 (p. 339) 2:00-3:00 Psi Chi Opportunities: Grants, Awards, and Publishing, Oh My! (p. 339)	

Saturday

Room	8:30-10:20AM	10:30AM-12:20PM	12:30PM-2:20PM
On Demand 01		Nontraditional Social Connections (p. 209)	Social Judgement & Decision Making (p. 223)
On Demand 02	PROF DEV: Expanding Mentorship through the Mentor- Network Model (p. 182)	PROF DEV: Highly Resilient Practitioners: Connectedness in Times of Disconnection (p. 211)	PROF DEV: Open Education Resources as a Means for Advancing Equity in Academic and Scholarly Publishing (p. 225)
On Demand 03	PROF DEV: Publishing for the Public: Science Writing for a Mainstream Audience (p. 181)	Psychopathy: Research & Practice Implications (p. 210)	PROF DEV: Psychological Perspectives of Universal Design for Learning: Application and Challenges (p. 225)
On Demand 04	PROF DEV: Using Behavioral Science to Minimize Obstacles to Effective Learning (p. 181)	Aggression (p. 204)	PROF DEV: Beyond Exams: Building Innovative Assessments for Undergraduate or Graduate Courses (p. 226)
On Demand 05	Cognition (p. 178)	Autobiographical Memory (p. 207)	Memory (p. 220)
On Demand 06	WITHDRAWN: Painting With All the Colors of Population- Specific Intervention Techniques (p. 251)	Building Resilience in Youth Suicide (p. 2451)	12:00-1:00 Housing Insecurity and Pathways into Homelessness ((p. 251) 1:00-2:00 WITHDRAWN: I Can Show You the World: Unique Perspectives on Multidisciplinary Research (p. 252) 2:00-4:00 SCRA: Poster Session (p. 252)
On Demand 07	PROF DEV: A Question-and-Answer Session with the Psi Alpha Staff (p. 184)	Moral Psychology (p. 208)	Stress & Flexibility (p. 222)
On Demand 08	Substance Use & Abuse (p. 180)	Work & Identity (p. 206)	
Live Room 01	MPA Invited Presidential Address: Deanna Barch (p.185)	SYM: Internet Explorer: Extracting Meaning from Online Data (p. 187)	

Live Room 02	INVITED SYM: Teaching in the Behavioral Sciences with Activities and Laboratory Experiments (p. 183)	SYM: Neural Substrates of Learned and Innate Social and Fear Behaviors (p. 186)	
Poster Room	Social Psychology:	Social Psychology:	Clinical &
	Poster Session I (p.	Poster Session II (p.	Developmental: Poster
	157)	188)	Session II (p. 211)

The *Call for Papers* for next year's meeting (April 21-23, 2022) will be posted September 1, 2021 at www.midwesternpsych.org.

PRESIDENT'S MESSAGE

It is with great anticipation that I welcome you to the 93rd annual meeting of the Midwestern Psychological Association (MPA). This is our first virtual conference. Although we miss the grand setting of the Chicago Palmer House, we are grateful to engage with each other virtually in what has become a long-awaited conference.

We have an exceptional conference program this year with a diverse selection of topics, formats, and presenters from all over the country. The meeting combines programs from MPA, Psi Chi, the Society for Community Research and Action (SCRA, APA Division 27 Interest Group), and the Society for the Teaching of Psychology (STP).

The MPA program features Presidential keynote speakers that were selected prior to the pandemic, and yet their topics could not be more relevant to confronting many of the problems that we experienced this past year. The MPA program keynote speakers include (in the order that their presentations are scheduled): Jeff Karpicke (Purdue University; the promise and perils of learning from educational videos), Ted Robles (University of California, Los Angeles; from cellular to social mechanisms of buffering stress), Linda Tropp (University of Massachusetts Amherst; using research to pursue social justice and change), Mesmin Destin (Northwestern University; socioeconomic mobility), Michele Gelfand (University of Maryland; strength and evolution of social norms around the globe with implications for COVID-19), and Deanna Barch (Washington University; psychological and neurobiological links of early onset of depression). The conference also features keynote addresses from (listed as scheduled): Guy Boyson (STP Program), Bianca Guzman (SCRA Program; President of SCRA), Tiffany Davis (SCRA Program), and Acacia Parks (Psi Chi Program). We have a spectacular lineup of invited talks and workshops, symposia, individual talks, and posters.

Our annual meeting is made possible because of the efforts and dedication of so many people who work behind the scenes. MPA Executive Officer Michael Bernstein and Convention Manager Lorraine Grogan work steadily and tirelessly to deliver a fantastic conference, but this year required even more of their time and effort to go virtual. Members of each Program Committee deserve our deepest gratitude for putting together the excellent programs represented at our conference, and a special thank you goes to our Program Committee Chairs: Heather Claypool (MPA); Lindsey Root Luna (Psi Chi); Tonya Hall (SCRA); and Meera Komarraju,

Todd Manson, and Steven Meyers (STP). I also wish to thank our MPA Council Members and Local Representatives for keeping MPA thriving!

Most importantly, let me thank each of you for attending this year's conference, for sharing your research with us, and for being part of MPA's important legacy as we look ahead to a better future!

My best to each of you,

Ximena Arriaga 2020 and 2021 MPA President

GENERAL INFORMATION

Purpose

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

The 2500+ members of MPA make it one of the largest regional psychological organizations. Members hold positions in universities, colleges, hospitals, clinics, school systems, business and industry, government and private practice. They teach, conduct research in laboratory, field, and industrial settings, engage in assessment and therapy, and serve as administrators and consultants. Their interests are among the most diverse in any professional association: from the physiology of vision to social stereotyping, from political psychology to medical psychology, from organizational behavior to children's language development, from memory to depression, from sex roles to drug addiction.

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

Membership

Persons with a doctorate in psychology may join MPA by completing a membership application online: 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 (June 30th). 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.

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 eventrelated social activities.

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Vrinda Kalia – Miami Univeristy (2021 -2023)

2022 Program Moderator will be Jim Wirth, The Ohio State University

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MPA Executive Officer

Michael J. Bernstein Psychological and Social Sciences Program Penn State University Abington College Email: mjb70@psu.edu

MPA Staff Assistants:

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

2021 GRADUATE STUDENT PAPER AWARDS

Elena Brandt, Florida State University

Great Leaders Are All Jerks: Perceptional Tradeoffs of Managerial Decisions

Jenna Osterlund, Northern Illinois University
Temporal Effects of Acquired Vestibular Pathology on Mouse Exploratory
Behavior

Joseph Lancaster, Cleveland State University

Avoidant Coping May Help Explain Why Perceived Stress Predicts Craving

Hannah Elias, Miami University
On the Loneliness-Reducing Power of Awe

Hui Bai, University of Minnesota Twin Cities
The Symmetry of Two Forms of Dehumanization in Racial Prejudice

Megan Norris, University of Louisville

Moving Up: Children Recognize and Intervene in Unequal Workplace

Hierarchies

NEW MPA FELLOWS

Bradley Okdie, The Ohio State University – Newark
Charlotte Witvliet, Hope College
Eric Leshikar, University of Illinois at Chicago
James H. Wirth, The Ohio State University – Newark
Joel Nadler, Southern Illinois University Edwardsville
Judah Viola, National Louis University
Kathy Sexton-Radek, Elmhurst University
M. Anne Britt, Northern Illinois University
Mary Inman, Hope College
Tonya Hall, Chicago State University
William Chopik, Michigan State 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.

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2019 Duane Wegener

1972 David Ehrenfreund

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NOTES



Thu 8:30AM - 10:20AM

On Demand 01

8:30 Stigmatized sources and persuasion: A self-validation analysis Jason Clark, Purdue University

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

9:00 Cognitive and affective (mis)matching effects in persuasion

Bryan Buechner, Xavier University; Joshua John Clarkson, University of Cincinnati; Zakary Tormala, Stanford University

Despite the wealth of research supporting matching—rather than mismatching—persuasive appeals to attitudinal bases, this work proposes the information value of mismatching is more persuasive in pro-attitudinal contexts. Two experiments demonstrate this mismatching advantage in pro-attitudinal contexts and offer initial insight into the information acquisition hypothesis.

9:15 Vocal Confidence Increases Persuasion More when Relevant as an Argument

Thomas Vaughan-Johnston, Queen's University; Joshua Guyer, Universidad Autónoma de Madrid; Leandre Fabrigar, Queen's University; Charlie Shen, Queen's University; Pablo Brinol, Universidad Antonoma Madrid We extend existing knowledge about persuasion by demonstrating that vocal confidence can serve as an argument when influencing persuasion. In two

experiments conducted in Canada and Spain, we find that persuasion benefits of vocal confidence depend on whether a source's vocal confidence is relevant to a message's content.

9:30 A Subjective Measure of Attitude Extremity: Validation and Extension

Devin Fowlie, Queen's University; Leandre Fabrigar, Queen's University We examined the role of objective and subjectively measured attitude extremity on resistance to persuasion. We found that the measures were modestly correlated, and that each demonstrated unique effects on persuasion resistance, supporting their separability and unique impactfulness. Current research is replicating these findings, and future research is discussed.

9:45 Influences of Attitudes and Discomfort on Continued Misinformation Belief

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

Two studies tested whether seeing corrections of attitude-consistent misinformation is uncomfortable, and whether that discomfort motivates one to reject the correction and continue believing the misinformation. Study 1 found that corrections do create discomfort, and Study 2 found that this discomfort causes continued belief in the misinformation.

10:00 Blinded By Wistfulness: Examining Nostalgia's Impact on Attitude Strength

LaCount Togans, Miami University; Allen McConnell, Miami University We investigated how feeling nostalgic about an attitude object leads to stronger attitudes toward that object. Participants who reflected on a nostalgia-evoking object viewed their attitudes as more important and with less ambivalence than did participants who reflected on a novel object. We discuss these findings using a self-concept framework.

Health Psychology

Thu 8:30AM - 10:20AM

On Demand 09

8:30 Sport Psychology in Action: From Research to Practice with NCAA Athletes

Alan Chu, University of Wisconsin - Green Bay Sport psychology, unlike other subfields of psychology, does not have a confined space (e.g., lab/office) for research and practice. This makes implementing evidence-based interventions while meeting the needs of elitelevel athletes challenging. In this presentation, I will share my research and consulting experiences, as well as related opportunities and challenges, working with NCAA athletes.

9:00 Dysmenorrhea Symptom-Based Phenotypes Relationship With Beliefs and Self-Management

Sarah Rogers, Indiana University-Purdue University Indianapolis; Kevin Rand, Indiana University-Purdue University Indianapolis; Chen Chen, Indiana University School of Nursing

Many women of reproductive age experience dysmenorrhea. Dysmenorrhea symptom-based phenotypes are identified, but it is unclear how women in different phenotypes experience menstruation. This study examined beliefs and self-management strategies for the different phenotypes. Results showed that women in different phenotypes had different beliefs and use s different self-management techniques.

9:15 Stigma and Health: A Social Identity Threat Perspective

Jeffrey Hunger, Miami University

The health implications of stigma are clear. In this talk, stigma will be discussed through the lens of social identity threat, which emphasizes anticipated stigma as a key psychological mechanism linking threat and health. Across multiple methods, I will highlight the utility of adopting a social identity threat approach.

9:45 Environmental and Psychological Drivers of Disparities in Smoking

Bradley Mattan, University of Pennsylvania; Nicole Cooper, University of Pennsylvania; Christin Scholz, University of Amsterdam; Michael Fichman, University of Pennsylvania; Alexandra Paul, University of Pennsylvania; Mary Andrews, University of Pennsylvania; Darin Johnson, University of Pennsylvania; Jose Carreras-Tartak, University of Pennsylvania; Melis Cakar, University of California, Los Angeles; Susan Hao, University of California, Berkeley; Elizabeth Beard, Temple University; Ian Barnett, University of Pennsylvania; Andrew Strasser, University of Pennsylvania; Thomas Kirchner, New York University; Emily Falk, University of Pennsylvania Using geolocation tracking and ecological momentary assessments, we examined how geolocated poverty and/or cigarette retailer exposure moderated relationships between mood and cigarette cravings in low- to middle-income smokers in Philadelphia. Craving cigarettes while in a bad mood was especially likely for people with greater poverty or cigarette retailer exposure.

10:00 Who Pays Attention to Persuasive Health Messages and Why?: Causes and Consequences for Health Promotion

Allison Earl, University of Michigan, Ann Arbor

Interventions frequently assume that target audiences will participate. However, those at highest risk are often least likely to enroll in prevention programs. Results are discussed in the context of motivated reasoning, defensive processing of persuasive information, and the efficacy of health campaigns broadly, particularly for reducing disparities in health outcomes.

Language & Cognition

Thu 8:45AM - 10:20AM

On Demand 05

8:45 A tDCS Investigation of Embodied Simulation in Metaphor Processing

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

We assessed the impact of enhancing motor cortex activity (via tDCS) on processing of literal and figurative meanings of motor action words (e.g., *grasp*). Neuromodulation (tDCS) sped up processing of both meanings. This pattern suggests that embodied motor simulation facilitates processing of both literal and figurative uses of action words.

9:05 Cross-cultural differences in mother-child engagement with picture books

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

9:25 Handwriting Highlights the Dynamic Processes that Underlie Reading

Anthony Barnhart, Carthage College

Recently, researchers have begun to consider the processes that allow for the reading of messy, handwritten words. We describe the outcomes of three experiments that highlight the dynamic, sometimes counterintuitive, set of

processes that occur along the pathway from recognition to articulation of words presented in natural handwriting.

9:45 Cognitive relations contribute to change in word meaning over time Eyal Sagi, University of St. Francis

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

10:05 Visual Perspective in Mental Imagery Influences People's Language Style

Phuong Le, The Ohio State University; Lisa Libby, The Ohio State University Visual perspective in mental imagery can influence the language style people use to share personal events. Third-person perspective (vs. first-person) when visualizing events influences people to describe events in a more analytical style (i.e., communicating in an organized manner) versus a more dynamic style (i.e., communicating in a stream-of-thought manner).

Racism

Thu 8:45AM - 10:20AM

On Demand 02

8:45 Self-Enhancement Motives Affect Perceptions of Racism

Zachary Roth, Ohio University; Kimberly Rios, Ohio University; Mark Alicke, Ohio University

Self-enhancement needs may influence perceptions of racism in others. Studies 1 and 2 demonstrate that participants who believe they are similar to a high prejudice other perceive that target as less racist. In Study 3 participants given ambiguous feedback about their bias exaggerate the racism of a high prejudice other.

9:00 The Impact of DNA Evidence and Race on Culpability Decisions

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

9:15 Motivated Free Speech Endorsement Among Low- and High-Prejudice Individuals

Laura Hildebrand, Purdue University; Margo Monteith, Purdue University; Jacob Cole, University of Southern California

Low-prejudice (LP) participants who viewed anti-racist speech endorsed free speech principles more than high-prejudice (HP) participants. The slope reversed for anti-Black speech: HP participants endorsed free speech more than LP participants. Results were mediated by ideological-similarity, illustrating that both HP and LP people justify ideologically-consistent speech with free speech claims.

9:30 Protesting While Black: Implicit Racial Bias in Perceptions of Protests

Alexandra Catalano, Univeristy of the Sciences; Alysson Light, University of the Sciences; Kevin Xhori, University of the Sciences

To explore the impact of race on perceptions of violent vs. nonviolent protests, we designed an IAT featuring images of Black vs. White protesters engaged in violent vs. nonviolent acts. Results showed greater anti-Black bias when images depicted violent protest, while racial bias wasn't significant when images depicted non-violent protest.

9:45 Ambivalent Prejudice in News Media

Rebecca Burchette, Indiana University Purdue University Indianapolis; Amy Hackney, Georgia Southern University

This study examines factors (e.g., social dominance orientation), that impact engagement with status-threatening information delivered by outgroup members. White adults read information from a White or Black reporter that signaled social hierarchy threat (or not), and reported evaluations of the reporter and message. Contrary to predictions, non-significant results emerged.

10:00 Temporal Distancing of Past Prejudice and Perceptions of Contemporary Prejudice

Mason Burns, University of Indianapolis; Erica Granz, University of Indianapolis; Kelsey Green, University of Indianapolis; Cassidy Gunthorp, University of Indianapolis; Alena Gorman, University of Indianapolis Across 4 studies, liberals, relative to conservatives, perceived past instances of racial bias as having occurred more recently in time, which then predicted reduced modern racism. Additionally, we manipulated how recent past racial discrimination was perceived which, in turn, reduced participants' self-reported modern racism; particularly conservative participants.

Adverse Childhood Experiences

Thu 8:45AM - 10:20AM

On Demand 07

8:45 COVID-19 enhances existing vulnerability of individuals with adverse childhood experiences

Vrinda Kalia, Miami University

Researchers have theorized that individuals who have experienced adverse childhood experiences are susceptible during stressful events, which increases their likelihood of developing mental health problems. This presentation will review data showing that COVID-19 is a stressful experience that increases vulnerability in individuals who have been exposed to early life adversity.

9:15 Examining the Role of Religion in Adverse Childhood Experiences Heather Holden, Purdue University Global

Religion/spirituality may moderate the negative effects adverse childhood experiences have on health. The purpose of the current study was to understand religious coping and mental and physical health symptoms associated with adverse childhood experiences among adults who use faith-based support groups using a qualitative design study.

9:30 Childhood Sexual Abuse and Depressive Affect: In Search of Mechanisms

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

9:45 Cognitive Differentiators of Posttraumatic Growth and Depreciation Following Childhood Maltreatment

Hannah Manis, University of Dayton; Lucy Allbaugh, University of Dayton; Dezanee Bluthenthal, University of Dayton; Megan Hernandez, University of Dayton; MARGARET WRIGHT, Miami University

This study examined cognitive differentiators of posttraumatic growth and posttraumatic depreciation in childhood maltreatment survivors. Key facilitators of growth for maltreatment survivors were degree of challenge to core beliefs, deliberate repetitive thought, and positive rather than negative

self-cognitions, over and above other examined factors. Clinical implications are discussed.

10:00 Emotion Regulation Differentially Links Childhood Sexual Abuse to Adulthood Depression

Maxwell Barber, Cleveland State University; JohnBosco Chukwuorji, Cleveland State University; Ilya Yaroslavsky, Cleveland State University This study tested whether emotion regulation (ER) type (adaptive vs. maladaptive) and domain (interpersonal vs. cognitive & behavioral) differentially mediate effects of childhood sexual abuse (CSA) on depression severity in adulthood. Results support the presence of distinct paths between CSA and depression via ER. Clinical implications will be discussed.



Professional Development: NSF funding opportunity for psychology faculty, researchers, and evaluators: Yes, Psychology IS a fundable science

Thu 9:00AM - 10:30AM

On Demand 06

9:00 NSF funding opportunity for psychology faculty, researchers, and evaluators: Yes, Psychology IS a fundable science

Bonnie A. Green, East Stroudsburg University

Psychology is a science not because of what we study, but because of how we study it. This concept is not new to any of us, and yet, what seems surprising to many is that the National Science Foundation has programs designed to advance research and teaching initiatives in psychology. During this workshop, program officers from the National Science Foundation's (NSF) Education and Human Resource Directorate (EHR) and the Social, Behavioral, and Economics Directorate (SBE) will be reviewing current NSF programs that could providing funding for research or educational initiatives in targeted areas of psychology. Attendees can learn about different roles psychology faculty or students can play on a particularly grant proposal. This could include service as a Principal Investigator, Research Scientist/Senior Personnel, Administrative Leadership, Consultant, and/or Evaluator. Tips on how to find the right solicitation or collaborative team will be discussed. Questions that arise when attending this workshop can be discussed during, "Office Hours with an NSF Program Officer."



MPA Invited Presidential Address

Searching for Guided Retrieval Practice

Jeff Karpicke Purdue University

Thu. 9:00AM – 10:30AM Live Room 01

Moderator: Edward Hirt, Indiana University - Bloominton

Practicing retrieval is a powerful way to promote student learning, but many students do not practice retrieval as often or as effectively as they could. This talk describes our research program exploring ways to guide students to practice retrieval when they monitor and regulate their own learning.



Cognitive Neuroscience I

Thu 9:15AM - 10:15AM

On Demand 10

9:15 Neural selectivity and memory performance in young and older adults

Joshua Koen, University of Notre Dame

Age-related reductions in neural selectivity (i.e., neural dedifferentiation) are thought to play a critical role in cognitive aging. I will present data showing that age-related neural dedifferentiation is not a ubiquitous phenomenon, and that neural dedifferentiation shows an age-invariant relationship with memory performance

9:45 Environmental cues influence mnemonic characteristics of homebase position in mice

Ericka Schaeffer, Northern Illinois University; Rami Lake, Northern Illinois University; Douglas Wallace, Northern Illinois University
Male and female mice were used to examine the effects of environmental cues on mnemonic aspects of home-base establishment. Tactile cues were shown to facilitate the acquisition and retention of previous home-base location. The results provide a foundational to develop a mouse model of topographical disorientation.

10:00 Temporal Effects of Acquired Vestibular Pathology on Mouse Exploratory Behavior

Jenna Osterlund Oltmanns, Northern Illinois University; Douglas Wallace, Northern Illinois University; Ashley Blackwell, Northern Illinois University; Ericka Schaeffer, Northern Illinois University; Ryan Yoder, Coastal Carolina University; Mark Banovetz, Northern Illinois University; Rami Lake, Northern Illinois University

Acquired vestibular pathology often results in spatial disorientation. The current study evaluated acute and persistent effects of bilateral vestibular labyrinthectomy on mouse exploratory behavior. Measures of spatial orientation were disrupted; however, access to environmental cues partially attenuated differences. These results provide a foundation to investigate neuroplasticity following acquired vestibular pathology.

Attention & Executive Processes

Thu 10:30AM - 12:20PM

On Demand 05

10:30 Age-associated executive dysfunction: The prefrontal cortex and complex decision making

Natalie Denburg, University of Iowa College of Medicine
In this talk, I will provide data supporting the claim that the frontal lobes
undergo disproportionate age-related change. Implications of these brainrelated changes for real-world decision making will also be discussed.
Finally, data indicating how individual difference variables, such as emotion,
personality, and stress, further contribute to age-associated executive
dysfunction will be presented.

11:05 Goal-Directed Tasks Shape Gaze Allocation

Seth Chin-Parker, Denison University; Eric Gerlach, Denison University When interacting with novel items, participant gaze patterns shifted to reflect the goal-relevance of the attributes of the items. Simply using the items to complete a task resulted in participants attending more to the goal-relevant attributes. The study provides support for adopting a goal-framework approach to studying conceptual acquisition.

11:25 Entrainment and Working Memory Load Influence the Attentional Blink

Matthew Junker, Southern Illinois University

The magnitude of the attentional blink is influenced by task demands and attentional entrainment. The periodicity of stimulus timing influences the reengagement of attention under low task demands but not high task demands, supporting resource-based theories of the attentional blink.

11:45 Cognitive control-induced forgetting vs. remembering

Yu-Chin Chiu, Purdue University

Subsequent memory for a piece of information is determined by how we interact with it. Two cognitive control processes, response inhibition and conflict resolution, appear to produce opposite subsequent memory effects. We examine both processes in the same task to reveal their relationship by examining their joint subsequent memory effects.

Ostracism & Social Rejection

Thu 10:30AM - 12:20PM

On Demand 01

10:30 How does the number of ostracizers affect the impact of ostracism?

Maayan Dvir, The Max Stern Yezreel Valley College

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

11:00 "If You Didn't Mean It, Why Did I Feel It?"

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

A new social exclusion paradigm was tested by placing participants in a group interaction where exclusion appeared to be unintentional (i.e., incidental exclusion). Excluded participants reported significantly less fulfillment of their self-related needs than included participants. Results support the paradigm's effectiveness in inducing feelings of social exclusion.

11:15 The Effect of Intentional Exclusion during a Global Pandemic on Subjective Well-Being

Erin E Devers, Indiana Wesleyan University; Reka Jeckel, Indiana Wesleyan University

The purpose of this experiment was to determine how intentional exclusion impacts subjective well-being during a global pandemic. In contrast to previous research that suggests intentional exclusion results in enhanced well-being, the present results demonstrate that intentional exclusion leads to decreased well-being during the time of a global pandemic.

11:30 How Mood Mediates the Relationship Between Negative Gossip and Self-Exclusion

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

Participants imagined a scenario where their friends discussed something negative or positive about themselves (non-gossip) or a mutual friend (gossip). Participants in the negative gossip condition reported a more negative mood and greater likelihood of self-excluding from the group than participants in negative non-gossip situations. This was mediated by mood.

11:45 The Effect of Ostracism on Perceptual Judgement of Darkness Yufei Jiang, The Education University of Hong Kong; Kai-Tak Poon, The Hong Kong Institute of Education

Two studies showed that ostracism thwarts meaningful existence, thereby increasing perceptual judgement of darkness. Moreover, self-compassion moderates the mediation effect, such that the effect was only observed among people with low self-compassion. These findings highlight how ostracism influences people's judgement of external environments and self-compassion buffers the negative effects of ostracism.

Social Identity

Thu 10:30AM - 12:20PM

On Demand 02

10:30 Is "me-search" less rigorous research? Stereotypes about the science of identity

Kimberly Rios, Ohio University

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

11:00 African Americans' Negative Reactions toward Ingroup Résumé Whiteners

M. Fazuan Abdul Karim, Indiana University - Purdue University Indianapolis; Leslie Ashburn-Nardo, Indiana University-Purdue University Indianapolis

Although it may be advantageous in terms of employment for Blacks to whiten their résumés, the current study presents a case demonstrating that Black résumé whiteners have to pay social and interpersonal penalty for downplaying their racial identity on their résumés especially, when being evaluated by highly identified ingroup members.

11:15 Social Identity-Based Mnemic Neglect: Threats to National Identity Affect Memory

Bettina Zengel, University of Essex; John J. Skowronski, Northern Illinois University; Constantine Sedikides, University of Southampton; Tim Wildschut, University of Southampton

The mnemic neglect effect demonstrates that self-protection can influence memory. Self-threatening information is remembered less than information pertaining to someone else or non-threatening (positive) information. Our study extends this effect to social identity. In two studies national identity-threatening information (for American and British participants) is also remembered less.

11:30 Neutral attitude expressions produce social identity in small groups

Paul Maher, University of Limerick; Mike Quayle, Department of Psychology; Caoimhe O'Reilly, Department of Psychology Displaying agreement, or disagreement, on a collection of attitudes is an important way that group identity is produced. In a group-based lab experiment (N=127) and an online experiment (N=200), we found increased levels of identity and attitude strength among groups who shared their positions on 'neutral' attitudes.

11:45 Determining confrontation-worthiness: The role of relationship, mindset, and emotion

Jamie Patrianakos, Loyola University Chicago; Samantha Gasaway, Loyola University Chicago; Robyn Mallett, Loyola University Chicago
The negative emotional reactions we have when thinking about close others perpetrating bias lead us to deem a discriminatory event as worthy of confrontation. Evaluations of confrontation-worthiness may ultimately translate into an increased tendency to confront close others for discrimination.

12:00 Increasing Inclusion and Reducing Achievement Gap Using Descriptive Norms Messaging

Sohad Murrar, Governors State University

We tested whether pro-diversity descriptive norms messaging could create a more inclusive campus climate in 6 randomized control trials with 2,490 students. We found that pro-diversity descriptive norms messages led to more positive attitudes towards outgroups and a greater sense of belonging, and eliminated the achievement gap in STEM classes.

Romantic Relationships

Thu 10:30AM - 12:20PM

On Demand 04

10:30 Perceptions of Infidelity in Asexual and Aromantic Populations

Hailey Hatch, Saint Louis University; Lijing Ma, Saint Louis University; Eddie Clark, Saint Louis University

This study examined asexual and aromantic individuals' perception of infidelity. Participants rated the extent they believed various behaviors were considered cheating. Aromantic participants were less likely to consider

sexual interaction or close relationship behaviors as cheating compared to asexual participants and participants with both identities.

10:45 Negative Body Image and Romantic Relationship Quality: A Meta-Analysis

Dana Stiles, Saint Louis University; Lijing Ma, Saint Louis University; Eyad Naseralla, Saint Louis University; Hannah Fitterman-Harris, Saint Louis University; Cort Rudolph, Saint Louis University

The present meta-analysis of forty-four studies examined the relationship between negative body image and relationship satisfaction. Results generally confirm hypotheses, indicating that a negative relationship exists between negative body image and relationship satisfaction. Follow-up moderator analyses also indicated that this relationship was stronger in samples that included relatively more females.

11:00 Male Attitudes Towards Post Marital Counselling Participation Among Married Couples

Bakadzi Moeti, University of Botswana

Attitudes play a significant role in Post Marital Counselling (PMC) participation amongst married couples. The current study sought to provide qualitative data about male attitudes associated with PMC participation among married couples in Botswana. Twenty-five participants, married couples and service providers took part in the interviews and focus group discussions.

11:15 Is Social Media Jealousy in Romantic Relationships Related to Depression?

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

The present study investigated whether social media jealousy related to depression, positive affect, and negative affect among dating young adults. As social media jealousy increased, depression increased (B= 1.544, p=.049), but it was unrelated to positive affect (B=-.085, p=.290) or negative affect (B=.057, p=.404).

11:30 How Do People End Romantic Relationships?

Jeewon Oh, Michigan State University; Jenna Harder, Michigan State University

In a qualitative study of initiators and recipients of break-ups (N=100), we discovered new ways people choose to end relationships. We discuss the diversity of strategies and the emotional impact of these different strategies

on distress and well-being. Future directions for examining low-distress yet effective break-up strategies will be discussed

Disordered Eating

Thu 10:30AM - 12:20PM

On Demand 07

10:30 Development and Pilot Testing of Live FREE: A Novel Intervention for Adults with Obesity and Emotional Eating

Abby Braden, Bowling Green State University

Live FREE was developed to examine whether augmenting a conventional weight loss program with emotion regulation training would improve weight loss. We initially refined our treatment protocol with sample of 10 adults. Then, 39 emotional eaters were enrolled in a pilot study. Results showed improvements in emotional eating, emotion regulation, and BMI that were maintained at follow-up. A case study was also conducted to demonstrate implementation of the Live FREE protocol.

11:00 A Network Analysis of Intrusive Thoughts, Eating Disorder and Obsessive-Compulsive Disorder Symptoms

Shruti Kinkel-Ram, Miami University; Brenna Williams, University of Louisville; Shelby Ortiz, Miami University; Lauren Forrest, Miami University; Joshua Magee, Miami University; Cheri Levinson, University of Louisville; April Smith, Miami University

This study used network analysis to identify central eating disorder-related intrusive thoughts and test which intrusive thoughts connect eating disorders and obsessive-compulsive disorder symptoms. We found evidence that eating disorder-related intrusive thoughts may contribute to eating disorder and obsessive-compulsive disorder symptoms based on content and frequency.

11:15 Emotional Eating and Emotion Dysregulation Relate to Disordered Eating

Wesley Barnhart, Bowling Green State University; Abby Braden, Bowling Green State University; Ellysia Price, Bowling Green State University Negative emotional eating interacted with emotion dysregulation to strengthen relationships with disordered eating while positive emotional eating interacted with advantageous emotion regulation to weaken relationships with disordered eating. Improving emotion regulation may be a viable treatment target in mitigating disordered eating in populations with concurrent emotional eating symptoms.

11:30 Clinical Trial of an Expanded Dissonance-Based Eating Disorder Treatment Program

Melinda Green, The Green Institute

This NIMH-funded randomized clinical trial compared the efficacy of an educational brochure, the Body Project (Stice & Shaw, 2001), and the Body Project Expanded (Green et al., 2017) treatment protocols in women with clinical and subclinical levels of disordered eating. Results indicate the expanded protocol demonstrated the greatest symptom reductions.

11:45 The Effect of Social Cognitive Theory on Food Addiction

Kirsten Grant, Walden University

Women that struggle with food addiction are often overlooked by mainstream society because food addiction is a new and emerging field. However, researchers have proven that food addiction is real, can be measured, and its symptoms (food cravings, binge eating, and withdrawal) can also be measured and controlled.

Video Games, Games, & Social Media

Thu 10:30AM - 12:20PM

On Demand 09

10:30 Ready Researcher 1? An empirical tale of conducting "new wave" videogame research

Patrick Ewell, Kenyon College

This presentation intends to promote innovation in videogame research to contend with the rapidly changing nature of gaming. Data from several studies (experimental, longitudinal and descriptive social network analyses) will be presented alongside methodological suggestions to promote novel research questions and ecologically valid narratives.

11:00 VideoGame Aggression Measure (VGAM): Creation, Examination, and Validation

Morgan VanCleave, Southern Illinois University Edwardsville; Hannah Darden, Southern Illinois University Edwardsville; Jocelyn Rahim, Southern Illinois University Edwardsville; Melissa Henry, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville A Video Game Aggression Measure (VGAM) was created collaborating with computer engineering students. Pilot tests and a validation study comparing the VGAM with both explicit and implicit measures of aggressive attitudes and behaviors supported the use of the VGAM. The VGAM was significantly related to the other measures of aggression.

11:15 Gendered Avatars and Devil's Advocates: Impacts on Reactions and Performance

Morgan VanCleave, Southern Illinois University Edwardsville; Melissa Henry, Southern Illinois University Edwardsville; Marcus Washington, Southern Illinois University Edwardsville; Jocelyn Rahim, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville

Male or female online avatars provided instructions and feedback (positive, negative, or Devil's advocate) to a three-part online task. Participants (N=293) performance and reactions to feedback were measured. Feedback type was significantly related to reactions with participants preferring positive or Devil's advocate feedback. Additional non-significant trends were found.

11:30 Competitive Orientation in Recreational Board Gamers

Corey Butler, Southwest Minnesota State University; Courtney Hedeen, Southwest Minnesota State University; Zoe Hess, Southwest Minnesota State University

Two samples (chess players and board gamers) were surveyed online about their competitive orientations, as well as positive and negative affect after playing games. Hypercompetive attitudes correlated with negative affect (also modestly with positive affect) and self-development competitive attitudes correlated with positive affect.

11:45 Enhanced Community through Augmented Reality: Social Benefits of Pokemon Go

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

12:00 Talking Face-to-Facebook: The Promoting Relationships in Social Media (PRISM) Project

Amori Mikami, University of British Columbia

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

I present a novel intervention to help people use social media in a way that fosters social connectedness.

Physiological Psychology

Thu 10:30AM - 12:20PM

On Demand 10

10:30 Familial Sympathetic Nervous System Reactivity Transmission: Parental Emotion Regulation Matters

Caitlin Tytler, Cleveland State University; Ilya Yaroslavsky, Cleveland State University; Cheyene Horner, Cleveland State University

This study tested whether parental reliance on ineffective emotion regulation (maladaptive ER) strategies moderates familial transmission of Sympathetic Nervous System (SNS) reactivity to distress. As hypothesized, abundant maladaptive ER repertoires potentiated the transmission of SNS hyperarousal between parents and offspring. Clinical implications will be discussed.

10:45 Does Reassurance Seeking Mediate Parasympathetic Baseline and Perceived Social Support?

Zachary DeMoss, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Excessive reassurance seeking has been linked to depressed individuals and may be a pernicious risk factor in the maintenance of depression via decreases in perceived social support. This study examined resting parasympathetic level and this association. The results linked reassurance seeking and perceived social support, but not resting HRV.

11:00 Parasympathetic Effects on Maladaptive Strategies and Self-Injurious Behaviors

Zachary DeMoss, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

Individuals with BPD profiles engage in maladaptive strategies including impulsive and self-injurious behaviors. This study examined the parasympathetic link between maladaptive strategies and self-injurious tendencies. Results of the study evidence a relationship between maladaptive strategies and self-injurious behaviors, but the relationship was not moderated by parasympathetic reactivity.

11:15 Stress, Social Interaction, and Hormonal Reactivity in Men and Women

Nora Nickels, Carthage College; Dario Maestripieri, University of Chicago We examined the effects of stress on hormonal responses to a social

interaction with an opposite sex confederate, with measurements of cortisol and testosterone. Results suggest that stress was related to a subdued testosterone and cortisol increase that was otherwise seen in control males and females who were single.



MPA Invited Presidential Address

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

Ted Robles University of California Los Angeles

Thurs. 10:45AM – 12:00PM Live Room 01

Moderator: Ximena Arriaga, Purdue University

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



Professional Development: Tips and Potential Pitfalls in Writing a Competitive NSF Grant Proposal

Thu 11:00AM - 12:30PM

On Demand 06

11:00 Tips and Potential Pitfalls in Writing a Competitive NSF Grant Proposal

Bonnie A. Green, East Stroudsburg University Could your students use scholarships or money to engage in research? Have you submitted an NSF grant proposal only to have it declined? Are you thinking about seeking NSF funding for your research or educational initiative but are unsure of how to proceed? Do you get confused about the difference between intellectual merit or broader impact? Are you unsure of what NSF means by research vs. evaluation? If you answer ves to any of these questions then this workshop is for you. Know, not all scientific writing is the same. Grant writing certainly is its own form of writing. Getting the balance of background knowledge and details in a set page limit can be daunting. During this recorded session, you will learn from an NSF program officer methods on how to think about and structure an effective grant proposal. Tips on how to write a competitive proposal and common challenges people have with this form of writing will be discussed. This session is appropriate for graduate students, teaching faculty, particularly those at broad and open access institutions, research psychologists, and for people thinking about serving as an evaluator for a grant funded project. Questions that arise when attending this workshop can be discussed during, "Office Hours with an NSF Program Officer."



Symposium

Fandom: Fulfilling Psychological Needs

Thu 12:00PM - 1:50PM

Live Room 2

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

Discussing One's Fan Interests Can Satisfy or Threaten Psychological Needs

Eric D. Wesselmann, Illinois State University

"Furotica" or Just "Fur" Fun? Assessing the Importance of Sexuality in Furry Identity

Courtney Plante, Bishop's University, Stephen Reysen (Texas A&M University - Commerce), Sharon Roberts (Renison University College at the University of Waterloo), Kathleen Gerbasi (Niagara County Community College), & Kevin Hsu (Pennsylvania State)

Online Science Fiction Fandom and Psychological Well-Being in Adult Women

Chrisha Anderson, Compass Point Counseling Services

Different pathways through which fandom can lead to connection Shira Gabriel, SUNY-Buffalo



Symposium

Interactions between stress systems and alcohol drinking behaviors

Thu 12:10PM - 1:25PM

Live Room 1

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

Interactions Between Fear and Alcohol in Selectively Bred Mice J. Chester, Purdue University

Translating Animal Models of Drug-induced Neuroadaptations to Stressors in Humans

D. Bradford, University of Miami

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

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



Applied Social: Poster Session

Thu 1:00PM - 2:50PM

Poster Room

1 Testing the Reliability of Self-Reported Sexual Aggression

Jody Ross, Purdue University Fort Wayne; Olivia Nicholson, Purdue University, Fort Wayne

We compared self-reported sexual aggression across two conditions, including one where participants were led to believe their truthfulness was being monitored. The vast majority of men and women reported their sexual aggression perpetration and victimization reliably; those who did not had more lenient views of sexual aggression.

2 Do Violent Video Games Stimulate Aggressive Tendencies?

Megan Hamilton, Lindenwood University

Participants completed situational vignettes designed to assess aggressive tendencies before and after playing either a violent video game (VVG) or a calm video game (CVG) to determine if playing VVG causes an increase in aggressive tendencies. The effects of gender identity and experience playing video games were also examined.

3 Hope, Interpersonal Violence, Negative Affective Conditions in Chinese college students

Mingqi Li, DePaul University; Olivia Chang, University of Michigan; Edward Chang, University of Michigan

Our examination of the two hope components indicated that only hope agency, not hope pathways, remained a significant concurrent predictor of negative affect, depressive symptoms, and suicidal ideation after controlling for age, sex, and interpersonal violence in a sample of Chinese college males and females.

4 Predictors of Researchers' Engagement in Scientific Misconduct Across Social Science

Helena Alacha, University of Louisville; Helen C. Harton, University of Northern Iowa; Peyton Barton, University of Northern Iowa Faculty and graduate student in the fields of psychology, economics, and political science responded to questions concerning questionable research practices (QRPs) and information regarding their own research and

background. Perceptions of peers' engagement in and acceptability of research-related behaviors predicted self-reported frequency of engagement in QRPs.

5 Not Your Mother's Sexism: Decreasing Women's Endorsement of Benevolent Sexism

Kelsey Berryman, Loyola University Chicago

The aim of this research is to reduce women's endorsement of benevolent sexism. The intervention educated women about the prevalence and seriousness of benevolent sexism. Studies 1 and 2 revealed that education significantly predicted less endorsement of benevolent sexism when examining an online sample, but not for an undergraduate sample.

6 Sexism (Reactivity) Predicting the Desired Gender Typicality of Occupations

Kanila Brown, Ball State University; Mackenzie Miller, Ball State University; Chloe Woodling, Ball State University; Katie Lawson, Ball State University

We examined whether sexism and affective reactivity to sexism predicted desiring gender-typical occupations for students in male-dominated majors, and whether gender moderated these associations. Results indicated that higher reactivity (but not sexism) predicted desiring more gender-typical occupations. Gender did not moderate this association.

7 COVID Health Behaviour Responses: An Exploration of Canada and the USA

Catherine Kwantes, University of Windsor; Jacob Livingstone, University of Windsor; Suzanne McMurphy, University of Windsor; Arief Kartolo, University of Windsor

Management of the COVID-19 pandemic has included recommended individual behaviours to reduce its spread with varying degrees of adherence. Respondents in Canada and the US indicated minor differences in the degree of engaging in recommended health behaviours (face covering, hand hygiene) but samples differed in what cultural beliefs predicted behaviours.

8 Asymmetrical Perceptions of Academic Failure and Achievement

Kayla Benson, Oakland University; Joseph Rhodes, Oakland University; Alvin Nicholas, University of Detroit Mercy; Kanako Taku, Oakland University

Due to self-serving attributional bias, individuals tend to make internal attributions for successful events in order to maintain self-esteem. The present

study compares the impactfulness of academic achievement events. Results found that achievement was rated as being more impactful than failure, supporting the occurrence of the self-serving attributional bias.

9 Food Security and Mental Health in Urban vs. Rural Areas

Jamie Opper, Saint Cloud State University; Maegan Jones, Saint Cloud State University; Amanda Hemmesch, St. Cloud State University; James Cottrill, Saint Cloud State University; Ann Finan, Saint Cloud State University; Sandrine Zerbib, Saint Cloud State University; Regina Klages, St. Cloud State University

It is unclear how location (rural/small town/suburban/city) affects the association between childhood food insecurity and adult mental illness. Chisquares analyzed this relationship in a representative sample of Minnesotans; the link between food insecurity and mental illness was only significant for rural/small town locations. Resources should be directed to vulnerable areas.

10 Distributional Fairness Perceptions Across Five Domains

David Igliozzi, Loyola University Chicago; Yael Granot, Loyola University Chicago

Across two studies, this research measures support for equality, equity, and need-based policies across five domains to understand the forces that drive support for or opposition to policies that address societal disparity. These findings speak to how best to frame resource allocation policies by shifting how inequality is perceived.

11 Pardon my (Mis)interpretation: Exploring Types and Reactions in Miscommunication

Karysa Britton, Ball State University; Travis Kelly, Ball State University; Ky Bray, Ball State University; Thomas Holtgraves, Ball State University Miscommunications occur regularly in everyday life, however, little is known about their general properties. Results from an online survey and Big Data Twitter study suggest that miscommunications are common, elicit mixed emotional reactions and analytical thought, and are usually noticed by both participants with the sender perceived as more responsible.

12 White academics avoid diversity related conversations with outgroup members

Bayleigh Smith, Loyola University Chicago; Conor O'Dea, Kansas State; Stuart Miller, Kansas State University; Donald Saucier, Kansas State University

We examined White academics' attitudes toward discussing diversity

initiatives with majority and minority group members. Our findings suggest that those in higher education may be reluctant to provide constructive feedback on related programs, which poses challenges to improving diversity within campus climates, to avoid appearing racist.

13 Factors That Predict the Endorsement of COVID-19 Conspiracies

Hiroki Hirano, University of Northern Iowa; Anika Lillegard-Bouton, University of Northern Iowa; Taylor Sloan, The University of Northern Iowa; Matthew Gunderson, The University of Northern Iowa; Helen C. Harton, University of Northern Iowa

The study examined what factors may be related to people endorsing COVID-19 conspiracies. Participants who were more conservative and perceived greater symbolic threat from Chinese immigrants were more likely to endorse COVID-19 conspiracies.

14 Extra Space for Extra Stuff? Exploring Household Clutter.

Devki Patel, DePaul University; Lili Georges, DePaul University; Helena Swanson, DePaul University; safa asad, DePaul University; Ryan Claudio, DePaul University; Joseph R. Ferrari, DePaul University Community psychologists focus on contextual settings. It is important to ascertain how our intimate environments (like one's home) might be affected by overabundant possessions (termed "clutter"). We explored clutter's impact by "extra space" (e.g., a basement) in one's homes. We examined these influences with an adult community sample.

15 Psychometric Validation of the Self-Efficacy for Advocacy Scale

Tia Turner (she/her), University of Dayton; Roger Reeb, University of Dayton; Amanda Barry, DePaul University; Alea Albright, University of Dayton; Lara Khalifeh, University of Dayton; Katey Gibbins, University of Dayton; Anthony Talbott, University of Dayton

Results indicate strong psychometric properties (e.g., internal consistency, criterion-related validity) for the central scale (Self-Efficacy for Advocacy Scale) of the conceptually-connected scales in a nomological network (Self-Efficacy for Advocacy Network). Empirically-derived short versions are provided. Future psychometric research is recommended. Recommendations for using the scale are delineated.

16 Just Desserts: Perceptions of Food Quality in Correctional Facilities Rosalind Canare, Wichita State University

With the corrections system serving over five million meals each day, it is worth giving public attention to food. This study used a survey to explore how food quality is perceived, and the personal factors that may inform those opinions. Results were contrary to expectations and require further exploration.

17 Support and Gender Affirming Behaviors Predict Transgender People's Psychological Wellbeing

Veanne Anderson, Indiana State University; Charlene Johnson, Indiana State University

We studied factors associated with transgender people's anxiety, depression, and life satisfaction. Social support (e.g., family support), positive future expectations, less internalized transphobia, income level, and relationship status predicted psychological well-being. Furthermore, gender affirming surgeries predicted less anxiety and greater life satisfaction, whereas taking hormones predicted greater partner intimacy.

18 Boomgarden Gender Affinity Questionnaire

Samantha Boomgarden, Eastern Illinois University; Caridad Brito, Eastern Illinois University

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

19 Perceptions of Race and Gender Identity Transitions

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

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

20 LGBT+ Student Leaders Perceptions of Experience in Campus Organizations

Lora Bishop, DePaul University; Jaclyn Martin, University of South Florida; Michael Coovert, University of South Florida

This study explores the experiences of LGBT+ leaders in campus organizations compared to their heterosexual and cisgendered peers. Results

show that LGBT+ leaders have more negative perceptions of their experiences. Campus organizations need to be supportive and diverse in their structure while avoiding insensitivity and coercion.

21 Organizational Responses to COVID-19, the Economic Recession, and BLM Movement

Lesly Krome, Southeast Missouri State University; George Yancey, Southeast Missouri State University

The current study investigated organizational responses to COVID-19, the economic recession, and the Black Lives Matter movement. 505 employees were sampled and asked whether their organizations' responses to these events were "caring" or "uncaring" and justice and commitment perceptions were measured. Involvement in decision-making had the highest correlation with employee perceptions of justice and commitment.

22 What Drives Work Engagement?

George Yancey, Southeast Missouri State University
Ten possible antecedents to work engagement were assessed at three
organizations: a manufacturing company, a nursing home, and a prison. At all
three organizations, the two best predictors of employee engagement were
perceived organizational support and the quality of the human resource
practices. Practical and theoretical implications are provided.

23 Workplace Predictors of Immigrant Cattle Feedlot Workers' Social Well-Being

Meredith McGinley, University of Wisconsin-Parkside; Gustavo Carlo, University of California, Irvine; Athena Ramos, University of Nebraska Medical Center

The spillover effects of occupational stress and injuries on immigrant cattle feedlot workers' (N = 242) mental health and interpersonal functioning were examined. Poor workplace conditions increased depression, which in turn, was linked to increased family conflict and decreased prosocial behavior. These workplace factors also directly predicted prosocial behaviors.

24 Work-Family Conflict during the Pandemic

George Yancey, Southeast Missouri State University; Naciha Alami, Southeast Missouri State University; Carson Lopez, Southeast Missouri State University

A 2020 survey of 550 American and French people revealed that work-family conflict was greater in America than in France. Work-family conflict has increased more in America than in France since the pandemic started. One

explanation may be that Americans work longer hours and work hours predict work-family conflict.

25 Student Perceptions of Emotional Labor in Faculty

Laura McClelland, Taylor University

This research expands understanding of emotional labor (EL) in higher education faculty by including student perceptions of faculty EL. Overall, student perceptions of faculty's EL were lower than the faculty's self-ratings of EL. Results describe unique aspects of university teaching, providing insight towards optimal environments for both faculty and students.

26 Perceptions of Religious Accommodations in the Workplace

Kelsey Ciagala, University of Nebraska Omaha; Carey S. Ryan, University of Nebraska, Omaha

We examined Christians' perceptions of religious accommodations for Christian, Jewish, and Muslim employees. Results indicated that participants judged Jewish and Muslim (vs. Christian) workplace accommodations as more reasonable, sided with the employee, and easier to implement. However, these differences were less true of Christians higher in religious fundamentalism and prejudice.

27 Understanding the Experiences of College Students with Autism Spectrum Disorder

Megan Krumpelman, University of Cincinnati; Casey Hord, University of Cincinnati

The purpose of this study is to better understand the experiences of a degree seeking college student with autism spectrum disorder (ASD). Results include the restoried narrative of the participant according to central themes of conversation. The participant's suggestions for university stakeholders and other college students with ASD are discussed.

28 Perfectionism Associated with Deficits in Flexibility and Maladaptive Emotion Regulation

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

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

29 Extraversion and Positive Events Predict the Mean Level and Variability of Positive Affect

George Bate, Rosalind Franklin University of Science and Medicine; Steven A. Miller, Rosalind Franklin University of Medicine and Science Mechanisms of the association between extraversion and positive affect (PA) remain unclear. Mixed-effects location scale models on MIDUS II daily data were analyzed. Extraversion and within-subject and between-subject positive events significantly predict PA mean, but only extraversion and between-subject positive events significantly predict PA variability.

30 Narcissism, Intrasexual Competition, and Mate Value: Evolutionary and Psychoanalytic Perspectives

Matthew Davis, University of Detroit Mercy; Amanda Desantis, University of Detroit Mercy; Elizabeth Hill, University of Detroit Mercy Research is lacking about how narcissism, mate value, and intrasexual competition are related. Based on responses from 201cis-gender heterosexual men from Amazon Mechanical Turk, narcissism was significantly predicted by both mate value (r=.40) and intrasexual competition (r=.44). The results of this study bridge the gap between psychoanalytic and evolutionary theories.

31 Why does Belief in Determinism Predict the Dark Triad?

Rachel R. Boros, Illinois State University; Raymond Bergner, Illinois State University; Daniel Lannin, Illinois State University
The present study examined the relationships between belief in determinism, interpersonal objectification, and Dark Triad personality traits. Results suggest that maladaptive ideologies and maladaptive personality traits share a common theme of facilitating and justifying the objectification of others. Determinism and interpersonal objectification may be particularly predictive of psychopathy.

32 Effect of the Six Dimensions of Parenting Styles on Perfectionism Dorothy Taylor, Northern Illinois University; Jeffrey Kahn, Illinois State

University

Despite maladaptive and adaptive perfectionism having various implications on wellbeing, the etiology surrounding their development is not yet completely understood. This study sought to consider parental influences on perfectionism and examined if a six-dimension model of parenting explained perfectionism better than three dimensions based on Baumrind's original parenting styles.

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

Laura M. Sinnett, Grinnell College

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

34 Narcissism and Values: What do communal narcissists care about?

Destaney Sauls, Oakland University; Virgil Zeigler-Hill, Oakland University The present study examined the associations that communal narcissism, extraverted narcissism, antagonistic narcissism, and neurotic narcissism had with agentic and communal social values. Communal narcissism was generally associated with communal values, but the other aspects of narcissism were associated with agentic values and diverged in their associations with communal values.

35 Relations Between Extraversion and Openness on Emotion Recognition and Differentiation

John Rossing, Roosevelt University; Raquel Rosenberg, Roosevelt University; Allison Nash, Roosevelt University; Jessica Paxton, Roosevelt University

This study examined the relationship between extraversion and openness traits with performance on emotion recognition and emotion differentiation tasks. Openness had a significant positive relationship with both emotion recognition and differentiation, while extraversion had a significant negative relationship with emotion differentiation and no significant relationship with emotion recognition.

36 Media and personality impacts on emotional and behavioral problems

Lydia Needy, Missouri State University; Courtney Cummins, Missouri State University; CaSandra Stanbrough, Missouri State University; Amber Massey-Abernathy, Missouri State University

The current study examines video game and social media usages to determine if there are differences in problematic usages, personality characteristics, and negative emotional symptoms. ANOVA and correlation analyses revealed that video game and social media usage and personality characteristics have negative implications on emotional and behavior problems.

37 Positive Symptoms of Schizotypy Predict Negative Appraisal Bias in Language

Alyssa Pallo, Kent State University; David Disabato, Kent State University; Karin Coifman, Kent State University

We examined if schizotypy symptoms uniquely predicted negative appraisal bias in language. Participants completed schizotypy symptom and negative affectivity questionnaires as well as a language task assessing negative appraisal bias. Results indicated the positive symptoms of schizotypy were associated with a greater tendency to select negative words, regardless of negative affectivity.

38 Passion Trumps Perseverance: A Moderated PATH Analysis

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

39 COVID Knowledge: A Necessary but Insufficient Predictor of Social Distancing

Jesse Ladanyi, Ohio State University; Benjamin Ruisch, The Ohio State University; Courtney Moore, The Ohio State University; Javier Granados Samayoa, The Ohio State University; Shelby Boggs, The Ohio State University; Russell Fazio, The Ohio State University Knowledge about COVID-19 is critical in predicting who socially distances. We found that participants without a minimal level of knowledge failed to socially distance regardless of other factors. But knowledge alone is not sufficient. At higher levels of knowledge, other factors (e.g., political ideology) were found to influence distancing behavior.

40 Standing Out or Fitting In? Parental Personality and Name Choice Kathryn Holcomb, Indiana University Kokomo; Amber Beatty, Indiana University Kokomo

Researchers have documented a trend toward increasingly uncommon names in the US, but the current research does not support assertions that this trend is due to increasing levels of narcissism and individualism. We measured personality and name choice at the individual level and found no relationship between these factors.

41 Are Narcissists Paranoid? A test of the Narcissism Spectrum Model

Nicholas Boehm, Iowa State University; Zlatan Krizan, Iowa State University Two studies investigated links between narcissism, paranoia, and conspiratorial ideation, and one experiment investigated the role of paranoia in narcissistic aggression. Narcissism was strongly associated with paranoid and conspiratorial ideation, and experimental evidence suggested that paranoid ideation served as a mediator between narcissism and aggression.

42 The Hostile Attribution Scale Predicts Depression and Social Anxiety Mitsuru Shimizu, Southern Illinois University Edwardsville; Shamice Terrell,

Southern Illinois University Edwardsville

The Hostile Attribution Scale (HAS) is a new scale of hostile social-cognitive biases in which participants report whether they would make hostile attributions by imagining hostility-provoking situations. Two studies validated the HAS and found that it is highly associated with depression and social anxiety among college undergraduates.

43 Don't Cough on Me: Patriotism and Empathy Impact COVID-19 Behaviors

Taylor Sloan, The University of Northern Iowa; Matthew Gunderson, The University of Northern Iowa; Anika Lillegard-Bouton, University of Northern Iowa; Hiroki Hirano, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

College students completed an author-generated questionnaire on COVID-19 behaviors such as social distancing, as well as several personality scales. Blind patriotism, but not empathy, significantly predicted engagement in prosocial COVID-19 behaviors. These data suggest that government support may be more impactful than scientific evidence in attempts to increase these behaviors.

44 Passive Plagiarism: Is it an Honest Mistake?

Meredith McKee, Walden University

Qualitative thematic analysis was implemented for 142 psychology students' written responses to accusations of passive plagiarism that happened after receiving academic integrity education. The most frequent themes observed were "denial" and claims of unintentional "honest mistakes," which implied students understood what passive plagiarism was but still chose to do it.

45 Guidelines for fostering gender inclusive learning environments

Carolyn Reynolds, Roosevelt University; Nimisha Mohan, Roosevelt University; Steven A. Meyers, Roosevelt University

This poster presentation includes guidelines adapted from the American Psychological Association's Guidelines for Psychological Practice with Transgender and Gender Nonconforming (TGNC) People. The purpose of identifying these guidelines is to assist instructors in developing culturally competent and trans-affirmative curriculum in order to become more effective allies for TGNC students.

46 Intense Dislike of Students: Frequency, Causes, Effects, and Managment

Raina Isaacs, Illinois State University; Rebecca Chicosky, Illinois State University; Erin Delmore, McKendree University

Researchers have recommended management techniques for difficult student behaviors, however, there is little information on how college teachers should manage negative emotions towards student behaviors. The current research documents the phenomenon of teachers who develop an intense dislike of students.

47 Pre-service Teachers' Preparedness to Address Microaggressions

Brea Banks, Illinois State University; Caroline Signa, Illinois State University Knowledge about microaggressions and social justice attitudes significantly predict student teacher's preparedness or intent to intervene when witnessing microaggressions in the school settings. Future directions for researchers, as well as implications for teacher educators and school personnel and researchers will be discussed.

48 Body-Esteem, Math/Science Self-Confidence, and Masculine Gender-Role Identity

Claire Etaugh, Bradley University; Hannah Fauser-Hoyt, Bradley University; Lauren Goldberger, Bradley University; Kayli Gorrie, Bradley University; Mariela Jasso, Bradley University; Sam Lechowicz, Bradley University; Nina M. Puccinelli, Bradley University; Hannah Snidman, Texas Tech University; Deanna Wiggin, Bradley University

Women displayed poorer body-esteem and lower self-confidence in math/science than did men. However, women's greater masculine gender-role identity correlated positively with their math/science self-confidence. In turn, women's math/science self-confidence correlated positively with healthy body-esteem. These results suggest that greater masculinity (i.e. agency) in women plays a protective role in supporting a healthy body-esteem.

49 A Polish Adaptation of the Negative Mood Regulation Expectancies Scale

Karolina Grotkowski, Rosalind Franklin University; Aneta Przepiórka, Katolicki Uniwersytet Lubelski Jana Pawla II; Steven A. Miller, Rosalind Franklin University of Medicine and Science

The Negative Mood Regulation Expectancies (NMRE) scale assesses one's belief that behavior or cognition will alleviate emotional distress. This study uses emic-etic approaches to adopt the scale for use in the Polish population. Distributions, corrected-item total correlations, and Bayesian paired samples t-test provide preliminary evidence for a successful translation.

50 Resilience, Life Satisfaction, Social Support in the US and Mexico

Maria Lorena Lane, College of St. Scholastica; Karen Petersen, College of St. Scholastica; Nicole Nowak, College of St. Scholastica In college students from the US and Mexico, there were no significant differences between mean resilience and life satisfaction scores, and both variables were positively correlated in both samples. Social support satisfaction scores were higher in the US sample and were positively correlated with resilience and life satisfaction.

51 Uncertainty Intolerance, Compartmentalization, and Development of a COVID-19 Impact Scale

Edmund Kearney, Lewis University

The development of a brief but psychometrically strong COVID-19 Impact Scale is important to quantify the effect of this pandemic. Understanding the relationships between personality constructs, such as Intolerance of Uncertainty and Tendency to Compartmentalize, and the impact of COVID-19 provides insight for individual and societal understanding and intervention.



Race & Ethnicity I

Thu 1:00PM - 2:50PM

On Demand 01

1:00 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.

1:30 The Symmetry of Two Forms of Dehumanization in Racial Prejudice

(Max) Hui Bai, University of Minnesota; Xian Zhao, University of Toronto, Mississauga

We present evidence from five pre-registered studies that Blacks and Asians are differentially dehumanized in two different forms of dehumanization (i.e., animalistic and mechanical) by Americans in a symmetrical fashion, and present studies about their implications in romantic preferences for the minorities and biases that they face in leadership selection

1:45 Police Interactions, Perceived Respect, and Changes in Depression in African Americans

Sophie Leib, Rosalind Franklin University of Medicine and Science; Steven A. Miller, Rosalind Franklin University of Medicine and Science Latent growth curve modeling with mediation was used to examine the role of perceived respect in the relationship between police interactions and changes in depression in a representative sample of adolescents. Police interactions predict changes in depression for African Americans, but do not depend on perceived respect.

2:00 Stereotyping in a New Age of Conservatism

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

Latinos are the largest ethnic minority group in U.S., and Latino stereotypes

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

Sexism

Thu 1:00PM - 2:50PM

On Demand 02

1:00 Relationships Between Hostile and Benevolent Ageism and Sexism: Gender Matters

Claire Etaugh, Bradley University; Megan Bobrowski, Bradley University; Hannah Fauser-Hoyt, Bradley University; Haley Funk, Bradley University; Lauren Goldberger, Bradley University; Kelly Hicks, Bradley University; Sam Lechowicz, Bradley University; Maja Mallory, Bradley University; Alexandra Phan, Bradley University; Christina Wiebmer, Bradley University We studied relationships between hostile and benevolent ageism and hostile and benevolent sexism directed toward female and male targets by female and male respondents. Most correlations were positive and significant, supporting the model of authoritarian prejudicial thinking. Female respondents, compared to males, were less ageist and sexist, especially toward women.

1:15 Serious vs. Humorous Confrontation of Sexism Affects Behavior Change Intentions

Kala Melchiori, James Madison University; Robyn Mallett, Loyola University Chicago; Julie Woodzicka, Washington and Lee University We found that after an interaction with a male or female confederate via video, men who were confronted as sexist expressed greater intentions to change their behavior following a serious versus humorous confrontation. Counter to predictions, the gender of the confederate did not impact intentions. Future directions will be discussed.

1:30 Ladies and Gentlemen? Female and Male Firstness in Psychological Research

Claire Etaugh, Bradley University; Teresa Barden, Bradley University; Emie Choquette, Bradley University; Sarah Cismesia, Bradley University; Hannah Fauser-Hoyt, Bradley University; Kelly Hicks, Bradley University; Elsa Luchsinger, Bradley University; Caitlyn Machetta, Bradley University; Corrie Marshall, Bradley University; Kathleen Shields, Bradley University
"Male firstness" privileges male terms by placing them before comparable

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female terms (e.g. "men and women"). Has this prevalent bias lessened recently? We analyzed three psychology journals from 2017-2020. Female firstness increased and male firstness decreased from 2017-2018 to 2019-2020 for two journals. Varying degrees of gender neutrality appeared in 2019-2020.

1:45 Gender Segregation in STEM Classes Cues Identity Threat Among Women

Caitlyn Jones, Indiana University; Mary C. Murphy, Indiana University; Nedim Yel, University of Massachusetts, Boston 330 students in 29 STEM courses reported the level of gender segregation and their experiences of social identity threat in class. Results revealed that while perceptions of segregation did not differ by gender, women (but not men) reported greater evaluative concerns and lower performance expectations in more gender-segregated STEM classes.

2:00 The intersection of social class and gender on stereotype content

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

2:15 Under Pressure: Investigation of the Cause of Male Body Objectification

Kacey Russell, Lindenwood University-Belleville; Trisha Prunty, Blackburn College

There has been little research investigating the benevolent sexism phenomenon in men. Participants completed a questionnaire assessing perceptions of the ideal male body. The study showed that men placed more pressure on themselves to have more appealing bodies due to societal influences rather than pressures experienced from women.

Political Psychology I

Thu 1:00PM - 2:50PM On Demand 03

1:00 Climate Change Communication By Political Elites: An Analysis of Party Differences and Topic Trends

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

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

1:15 The Confident Conservative: Ideological Differences in Decision-Making Confidence

Benjamin Ruisch, The Ohio State University; Chadly Stern, University of Illinois at Urbana-Champaign

We find that political conservatives exhibit greater judgment/decision-making confidence than liberals. This effect emerges across various political and non-political judgments, and is explained by conservatives' higher need for cognitive closure: when making a decision, conservatives' tend to decide rapidly, whereas liberals deliberate more extensively, reducing their confidence in their answer.

1:30 Within-Person Variability in Political Attitudes

Mark Brandt, Michigan State University; G. Scott Morgan, Drew University We know different people have different political attitudes, but is there also meaningful variation in political attitudes within people? In three longitudinal studies, we show that there is substantial within-person variation. Researchers should not ignore this variation because common between-person analyses do not generalize to the within-person level of analysis.

1:45 When good is stronger than bad? A study on the differentiation between positive and negative options

Magdalena Jabłońska, SWPS University of Social Sciences and Humanities; Andrzej Falkowski, SWPS University of Social Sciences and Humanities; Robert Mackiewicz, SWPS University of Social Sciences and Humanities; Justyna Olszewska, University of Wisconsin-Oshkosh

In two experimental studies, we show that people differentiate better between positive than negative options. The effect holds for a numeric and descriptive

presentation of stimuli. The findings add to research on positive-negative asymmetry, showing that despite negativity effect, positive features play an important role in the differentiation between options.

Family Relationships

Thu 1:00PM - 2:50PM On Demand 04

1:00 The Mental & Physical Health Consequences of Spousal Bereavement: Interpersonal Risk and Resilience Factors

Angie LeRoy, Rice University

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

1:15 Familism and Parenting in Mexican Families: Impact on Child Symptoms

Yvita Bustos, Loyola University Chicago; Catherine Santiago, Loyola University Chicago

This study utilized longitudinal, observational methodology to examine associations between familism, parenting behaviors, family cohesion and child internalizing symptoms among Mexican immigrant families. Results indicated that familism predicted family cohesion and parental warmth, warmth and support predicted less child symptoms, and warmth mediated the association between familism and child depression.

1:30 Effects of Prisoner Reentry Experiences on Family Members

Jacquelyn Frank, Eastern Illinois University; Samantha Boomgarden, Eastern Illinois University; Caridad Brito, Eastern Illinois University
Exposure to the challenges faced by prisoners reentering into society was examined among 30 college students with incarcerated family members.

Overall, attitudes towards prisoners, perspective taking, and affective response were higher at post-test. Reentry experiences for people who have incarcerated family members may aid prisoners reintegrate into the family unit.

1:45 Parental attachment and family-based sexual education during teen years

Jennifer Ishaq, Cleveland State University; Briana Liebhardt, Cleveland State University; Ishita Munshi, Cleveland State University; Liz Goncy, Cleveland State University

The present research investigated whether parental attachment relates to receiving family-based sexual education as a teen. Maternal attachment (OR=1.54, p=.008), but not paternal attachment (p>.05) was significantly related to receiving family-based sexual education. Specifically, greater familial sex education was reported by individuals presenting higher maternal attachment.

2:00 Does Maternal or Paternal Attachment Improve Teen Access to Contraceptives?

Ishita Munshi, Cleveland State University; Jennifer Ishaq, Cleveland State University; Briana Liebhardt, Cleveland State University; Liz Goncy, Cleveland State University

We examined the relationship between the ease of access to contraceptives and attachment to mothers and fathers independently and socio-economic status. Results indicated lower family SES was related to harder access to contraceptives. Moreover, higher maternal, but not paternal, attachment was related to easier access to contraceptives.

2:15 Relationships between Perfectionism in College women and their Parents

Claire Etaugh, Bradley University; Teresa Barden, Bradley University; Haley Funk, Bradley University; Sam Lechowicz, Bradley University; Alexandra Phan, Bradley University; Kathleen Shields, Bradley University; Christina Wiebmer, Bradley University; Deanna Wiggin, Bradley University College women and their parents completed the Frost Multidimensional Perfectionism Scale. As predicted: 1. daughters showed significantly higher perfectionism scores than either parent. Daughters' overall perfectionism score: 2. correlated significantly and positively with their mothers' score, but 3. was unrelated to their fathers' score. Results replicate and extend prior research.

Women's Health & Relationships

Thu 1:00PM - 2:50PM On Demand 07

1:00 Healthcare Providers Prompting Patients About Opioid Use During Pregnancy

John McGill, DePaul University; Kathryn Grant, DePaul University; Gabriella Heim, DePaul University

Finding cost effective interventions to mitigate and prevent the negative outcomes associated with the rising numbers of neonates prenatally exposed to opiates is tantamount to finding a solution to the current epidemic in the U.S. A healthcare provider simply prompting their patients could prove to be a powerful tool.

1:15 Examining Associations between Romantic Partnership and Health among Full-Service Sex Workers

Lynn Kannout, Illinois Institute of Technology; Stephen Ramos, Illinois Institute of Technology; Steve Dubois, Illinois Institute of Technology We compared the health of romantically partnered versus unpartnered full-service sex workers (FSSW), within a geographically-diverse online FSSW sample. Partnered FSSW used fewer hard drugs; reported using these drugs less frequently; trended toward more frequent condom usage during vaginal sex with paying partners; and, reported more fatigue, than single FSSW.

1:30 Body Talk in Mother-Daughter Dyads

Amy Jordan, Bowling Green State University; Emma Studer-Perez, Bowling Green State University; Dara Musher-Eizenman, Bowling Green State University

Undergraduate women and their mothers completed a survey assessing fat talk, positive body talk, and other eating and body image constructs. Fat talk and positive body talk were correlated with several outcomes, but after controlling for BMI, only mothers' fat talk was a significant predictor of daughters' fat talk.

Personality Psychology

Thu 1:00PM - 2:50PM On Demand 09

1:00 Narcissism and social worldviews: Seeing the world through the eyes of Narcissus

Virgil Zeigler-Hill, Oakland University

This presentation will discuss recent studies that have examined the connections between narcissism and social worldviews. These studies suggest that perceiving the world as a highly competitive place may play an important role in the connections that narcissism has with a range of outcomes including motivation, ideological attitudes, and prejudice.

1:30 Narcissism across the Lifespan: Longitudinal Studies and Multiple Inventories

William Chopik, Michigan State University

Age differences in narcissism have been the subject of much debate and there's some ambiguity about whether they reflect genuine developmental change or cohort differences. In two studies (S1: *N*=311,032; S2: *N*=747), I report on age differences in narcissism across 8 inventories and longitudinal changes across 64 years of life.

1:45 Exploring the Relationship between Experiential Avoidance and Mood-Relevant Thinking

Rachael Quickert, Queen's University; Thomas Vaughan-Johnston, Queen's University; Tara MacDonald, Queen's University

Experiential avoidance (EA) represents a discomfort and avoidance of one's own thoughts and feelings. We used three experiments to examine EA's prediction of reactions to a negative mood induction procedure. EA was related to selective endorsement of negative statements. This process was most prominent under conditions of high elaboration.

2:00 Pun-intentionally Sadistic? Is Punning a Manifestation of Everyday Sadism?

Cody Gibson, Northern Illinois University; Brad Sagarin, Northern Illinois University

Pun-intentionally sadistic? Did you roll your eyes or groan? The present research suggests that, while pun-makers seek groans, punning is not motivated by sadism. Instead, groaning seems to be a socially expected response to the most enjoyed type of joke.

2:15 Developing a Short Form of the PANPS Perfectionism Scale

Lawrence Burns, Grand Valley State University; Rachel Carpenter, Grand Valley State University

Our findings challenge Hewitt and Flett's assertion (2006) that their own model more accurately measures the construct of perfectionism. Based on our empirical work, therefore, we conclude that the PANPS-SF is an adequate

measure of perfectionism and that the scale offers a useful alternative theoretical assessment of perfectionism.

2:30 Heterogeneity in Age Differences in Personality across the Lifespan Katelin Leahy, Michigan State University; William Chopik, Michigan State University; M. Brent Donnellan, Michigan State University; Christopher Nye, Michigan State University

People generally increase in conscientiousness, agreeableness, openness, and emotional stability across life. We examined variability in age differences in four large samples (N = 1,638,954, age range: 15-90). We found 45.7% of results replicated across the samples. Heterogeneity is discussed in the content of measurement and sample characteristics.

Psychopharmacology

Thu 1:00PM - 2:50PM On Demand 10

1:30 Cortical region contributions to compulsive-like ethanol intake

Elizabeth Sneddon-Yepez, Miami University; Kristen Schuh, Miami University; Austin Nader, Miami University; Anna Radke, Miami University Compulsive alcohol drinking or drinking that continues despite negative consequences is a characteristic of alcohol use disorder (AUD). The medial and lateral orbitofrontal cortex (mOFC; lOFC) have been shown to be involved in alcohol drinking behaviors. We investigated how the inhibition of mOFC and lOFC alters compulsive-like alcohol intake.

1:45 Acetaminophen decreases positive empathy

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

2:00 DAT or NET? Which transporter might be used by birds?

Shannon Eaton, University of Kentucky; Svetlana Dzhala, University of Kentucky; Layne Robinson, University of Kentucky; Jim Pauly, University of Kentucky College of Pharmacy; Deann Hopkins, University of Kentucky;

Chana Akins, University of Kentucky

Previous research has found that birds might use the norepinephrine transporter (NET) to reuptake both norepinephrine and dopamine because they do not have the gene for dopamine transporter. The current study aimed to localize NET expression quail brains. We found high densities of NET in areas associated with dopaminergic innervation.



Professional Development: Psychology as Part of the Team in Youth Sports

Thu 1:00PM - 2:50PM On Demand 06

10:30 Psychology as Part of the Team in Youth Sports

Heather Smith, Milwaukee VAMC/Medical College of Wisconsin; Jennifer Apps, PhD, Medical College of Wisconsin

The impact of youth sports participation on well-being will be considered. Factors influencing participation, including the effects of the COVID-19 pandemic, and psychological risks and benefits will be reviewed. A cognitive framework for parenting youth involved in sports will be defined. Recommendations will be outlined to encourage a positive culture.

Professional Development: Decolonizing the Classroom: Turning the Page

Thu 1:00PM - 2:50PM On Demand 05

1:00 Decolonizing the Classroom: Turning the Page

Selena Kohel, Cottey College

The goals of this session are to facilitate faculty to be able to assess various classroom practices according to transformative approaches to multicultural education and to revise classroom practices accordingly. Topics will include the following: classroom learning objectives, language, materials, setup, and assessments. The session will be workshop style.



Symposium

The "Alt-White": Psychological underpinnings and consequences of toxic White identity

Thu 2:00PM – 3:00PM Live Room 2

Moderator: Helen C. Harton, University of Northern Iowa

White nationalism and violent White extremism are on the rise around the globe. Although the causes are manifold, common themes emerge in the rhetoric of White nationalists and alt-right ideologies that promote psychological states primed for xenophobia and violence. This symposium brings together diverse scholars who examine the complex psychology underlying toxic forms of White identity that lead to support for extremist ideologies, xenophobic policies, and violence. The first presentation examines racial nostalgia, which predicts threat-based stereotypes of racial outgroups, support for extremist policies, and White nationalism. The second presentation shows that feelings of racial entitlement predicts dehumanizing outgroups, support for xenophobic policies, and mediates the relationship between White identity and White nationalist ideologies. The third presentation examines both healthy and toxic forms of White identity and shows that toxic White identity predicts both justifying and feeling disaffected by the American system. Finally, the fourth presentation examines the strategy of Whites co-opting civil rights narratives. White "group consciousness" is associated with increased support for political violence, and decreased support of democratic ideals. Overall, social change and feelings of status loss create a state of perceived threat that, for aggrieved Whites, must be "managed and reversed" to maintain power and relevance.

The Good Ol' Days: Group-Based Nostalgia and Racial Extremism Christine Reyna, DePaul University, Angel Armenta, University of Texas, El Paso, Michael Zarate, University of Texas, El Paso

Deservedness: (Racial) Entitlement's Function in Dehumanization and White Nationalism

KARA HARRIS, DePaul University, Lynn Kannout, Northeastern University, Russell Steiger, Depaul University

Ambivalence is bliss: Highly identified Whites' ambivalence to American systems

Andrea Bellovary, Depaul University, Christine Reyna, Depaul University

Equality = Oppression: Toxic White identity, income inequality and political violence

James Davis, Benedictine University; Or'Shaundra Benson, College of Dupage



Professional Development: Psi Alpha - High School Psychology: The Good, Bad, and Better

Thu 3:00PM - 4:00PM

On Demand 06

3:00 Psi Alpha - High School Psychology: The Good, Bad, and Better Bryan Gerber, Stark State College; Kristen Mitzel, Wright State University; Tina Kurtz, Kettering Fairmont Schools, Psi Alpha Midwest Vice President Staff representatives from Psi Alpha, the High School Honor Society in Psychology, will discuss psychological science being taught on the high school level. More secondary schools add at least an introductory psychology course to their offerings every year. Some add additional courses in psychology as well. While it is exciting to introduce psychology to younger students, many of those responsible for teaching the courses have certifications in social studies. They are competent teachers but could benefit greatly from increased access to resources and ideas to enhance student interest in the science. Increasing resources and opportunities for all involved in high school psychology represents a significant aspect of the Psi Alpha mission. This asynchronous session may be of interest to anyone interested in expanding the scope and understanding of psychological science.



Cognitive Psychology: Poster Session

Thu 3:00PM - 4:50PM

Poster Room

1 Testing the Psychometric Properties of a Dementia Caregiver Mindset Scale

Anca Miron, University of Wisconsin Oshkosh; Christopher Groves, University of Wisconsin, Oshkosh; Jordyn DeBraal, University of Wisconsin Oshkosh; Alexandria Ebert, West Virginia Unviersity; Susan McFadden, University of Wisconsin Oshkosh

Little work has examined dementia caregivers' beliefs about caregiving skills. In this study, we tested the factor structure of a scale measuring dementia caregivers' growth and fixed mindsets (DCM Scale) and examined its convergent, discriminant, and criterion validity. The scale exhibited good psychometric properties.

2 Relationships Between Daily Activity Functioning, Depressive Symptoms, and Social Loss

Megan Pedersen, North Dakota State University; Melissa O'Connor, North Dakota State University

Difficulties performing activities of daily living (ADLs) may be related to depressive symptoms and loss of social connections among older adults. A structural equation model showed that depressive symptoms significantly predicted ADL difficulties, but social loss did not significantly predict depressive symptoms. Implications of these findings are discussed.

3 Age Differences in Using Humor Coping During the COVID-19 Pandemic

Anthony Villalba, University of Akron; Jennifer Stanley, University of Akron; Jennifer Turner, The University of Akron; Michael Vale, University of Akron; Michelle Houston, University of Akron

Research examining age differences in using humor to cope (HTC) is scarce, but more specifically, using HTC with state anxiety during a major health-related event (i.e. COVID-19) is unknown. We found age differences in using pandemic-specific humor coping and that humor coping may be beneficial in lowering state anxiety.

4 The Effect of Bridge Employment on Satisfaction

Kaleena Odd, University of Nebraska at Omaha; Mithra Pirooz, University of Nebraska at Omaha; Julie Blaskewicz Boron, University of Nebraska Omaha; Adam Rosen, University of Nebraska Omaha

The purpose of this systematic review with meta-analysis was to investigate the effect of bridge employment on satisfaction along with other outcomes relevant to well-being addressed by prior research. The findings provide initial support for the beneficial effects of engaging in bridge employment for retirees.

5 Intrusive Thinking in Older Adults: The Influence of Subjective Cognitive Concerns

Annika Goldman, Miami University; Joshua Magee, Miami University TOlder adults are more prone to experience subjective cognitive concerns, defined as concern about cognitive deficit in the absence of objective cognitive deficit. This study aims to lower SCCs using a novel psychoeducational article. This study lends support for SCCs being a crucial risk factor for maladaptive responses to intrusive thoughts.

6 Predicting Older Adults' Life Satisfaction: Spirituality, Social Support, and Health

Aimee Ferriss, Central College; Keith Jones, Central College Despite contributing to an overall model of life satisfaction that included social support and perceived health, spirituality was not a significant predictor itself for older adults. For older women, social support was a significant predictor. For older men, perceived health was a significantly predictor while social support was marginally significant.

7 Consent Form Presentation Effects on Participants' Knowledge, Attitudes. & Data

Jordan Newburg, Washington State University; Alyssa McCoy, University of Northern Iowa; Brian Fairfield, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

Across six studies we assessed whether components of informed consent form presentation affected participants' knowledge of content, attitudes toward the study, or data quality. Components of presentation had little effect on these variables.

8 Processing Speed Performance Predicts Delusion Proneness in Older Adults

Timothy Fellin, Roosevelt University; Bailey Cation, Roosevelt University; Jessica Paxton, Roosevelt University

The current study evaluated the relationship between delusion proneness (DP), processing speed (PS), and executive functioning (EF) in a non-affective context within a community sample of adults between ages 18 to 85. Results demonstrated faster PS scores were related to lower scores on a DP measure in older adults.

9 Age-Related Differences in the Rubber Hand Illusion

Amanda Borchardt, Central Michigan University; Emily Bloesch, Central Michigan University

Peri-hand space (PHS), the immediate area surrounding the hand, facilitates successful interaction within the environment. This project assessed agerelated differences in PHS via the strength of the rubber hand illusion. Older adults showed reduced illusion strength, suggesting a smaller spatial extent of PHS and less effective multisensory integration.

10 Metacognitive Regulation While Teaching

Anna Martin, Youngstown State ; Jennifer Smith, Ohio State University This study examines associations between major factors that may support or impede metacognition in teachers. Correlations were found between external thoughts and stress (r=0.382), vital engagement and stress (r=-0.286), and level of education and stress (r=-0.336). An ANOVA indicated that stress has a significant effect on external thoughts (p<.05).

11 No State Effects of Brief Mindfulness Meditation on Executive Functions

Michael Baranski, California University of Pennsylvania

A well-controlled experiment (e.g., randomization, active controls, equated expectations) investigated the state effects of brief mindfulness meditation on the executive functions of inhibition, shifting, and updating, and the potential moderating role of trait anxiety. There were no unique state effects of brief mindfulness meditation, regardless of level of trait anxiety.

12 Using Gestures to Predict Spatial Ability in Pre-Term Children

Sam Clingan-Siverly, University of Iowa; Ozlem Ece Demir-Lira, University of Chicago; Raquel Gomez, University of Iowa; Alexis Potocki, University of Iowa; Paige Nelson, University of Iowa; Tilbe Göksun, Koç University Pre-term children often face deficits in spatial ability which can impact both

academic and professional success. Spatial words and gestures have been shown to improve these abilities. Our study explores the indirect relationship between child's spatial ability and parent's use of spatial words and gestures during puzzle play.

13 Spatial Memory Measurement: Predicting Judgments of Relative Direction from Object-Based Judgments -

Tressa Molinar, Wright State University; Herbert Colle, Wright State University

Participants (N = 48) navigated through a virtual building with four rooms and 16 landmark objects. Spatial memory was tested using Judgments of relative direction, JRDs, and object-based judgments, OBJs. Using the compound error assumption, selected pairs of OBJs could correctly estimate the absolute angular error of JRD queries.

14 Examining the Effect of Temporal Auditory Stimuli on Distance Perception.

Zebulon Bell, Oakland University; Martha Escobar, Oakland University Rats were trained to dig for a reward under a baseline tempo auditory stimulus. They were then tested against other auditory stimuli (various other tempos and silence) to determine whether changes in external stimuli can affect the internal clock. Results suggest changes in baseline arousal drive the observed effects.

15 Resource Depletion Impairs Situation Model Comprehension

Andriana Christofalos, University of Illinois at Chicago; Felix Pambuccian, University of Illinois at Chicago; Gary Raney, University of Illinois Chicago The present study examines how resource depletion impacts reading comprehension of the surface form, textbase, and situation model. Participants either completed a cognitively depleting task or a control task and then read passages and answered comprehension questions. Resource depletion was found to negatively impact situation model comprehension.

16 Viewing Conditions Negatively Affect the Confidence-Accuracy Relationship

Brynn Schuetter, University of Arkansas; Emma Aspenson, University of Arkansas; Amber Giacona, University of Arkansas; James Lampinen, University of Arkansas; Jeffrey Anastasi, Sam Houston State University Using 2,191 college students, we compared a situation in which estimator variables were manipulated to produce either good (GVC) or poor (PVC) memory performance. High confidence suspect identifications were

significantly lower under the PVC than the GVC, and these differences were substantial if one assumes low base rates of guilt.

17 Archival Analysis of Misidentification Cases Comparing Juvenile and Adult Witnesses

Kristina Todorovic, University of Toledo; Olivia N. Alfano, Iowa State University; Garrett Berman, Roger Williams University; Michael P. Toglia, Cornell University

We examined developmental trends in misidentification cases from the Innocence Record archives. Cases were coded for system/estimator variables, legal safeguards, and case characteristics. Results showed similar lineup procedures regardless of witness age. Findings should be interpreted cautiously since a majority of information remains unavailable in the archives.

18 What's This? The Influence of Emotional Audio on Memory

Audrey Eady, University at Albany; Allison Wilck, University at Albany, State University of New York; Jeanette Altarriba, University at Albany, State University of New York

In a study questioning if valenced audio influences memory for abstract, non-valenced images, results indicated that valence congruency across modalities enhances incidental learning. Greater recall memory was found for neutral sounds paired with images, than positive sounds. However, unpaired images produced better image recognition than either sound condition.

19 The role of modality and study-test interval in false recognition

Amanda Fordyce, Purdue University; Tom Redick, Purdue University Previous literature has identified a modality effect on false recognition rates induced by the Deese-Roediger-McDermott paradigm. However, conflicting accounts of an auditory advantage and of a visual advantage have been observed. The current study examined if this modality effect was dependent on the interval between study and test.

20 Self-generated titles of paintings enhance recognition memory and pleasingness

Susan Davis, University of Dayton; Abigail Flower, University of Dayton; Tessa Jatczak, University of Dayton; Yu Zhao, University of Dayton; Rachel Yeager, University of Dayton

Examining the effect of titles on memory, we found that people are more likely to discriminate between target paintings and lures, when the target paintings have titles generated by viewers. A discussion of how different

titles (e.g., elaborative vs. descriptive) affect pleasingness ratings and memory for paintings will be provided.

21 The Effect of Mind Wandering Probes on Mind Wandering

Maren Greve, Kent State University; Chris Was, Kent State University; R. Benjamin Hollis, Kent State University

This study investigated the use of probes in mind wandering research. Receiving a probe may cause participants to anticipate further probes and possibly mind wander about the probe itself. Results indicated an effect of the number of mind wandering probes and the degree to which participants mind wandered.

22 Accounting for Unsupervised Categorization of Serially Presented Boolean Concepts

Charles Doan, Marietta College; Ronaldo Vigo, Ohio University; Alexandria Williams, Marietta College; Levi Tucker, Marietta College Unsupervised classification experiments reveal one-dimensional, family-resemblance, exclusive-or, and more complex sorting strategies. We extend this literature by conducting a novel unsupervised categorization experiment with serially-presented Boolean structures. We found *Generalized Representational Information Theory* (Vigo, 2013, 2014) parsimoniously accounts for the results and prior results when the structures were presented simultaneously.

23 Behavioral Script Evaluation in a Moving Window Paradigm

Jasmine Ahmad, DePaul University; Jessica M. Choplin, DePaul University In a moving window paradigm, participants read text in a limited "window" and press a key to advance to the next word set. The current study utilizes a moving window paradigm to assess familiarity with social scripts. Script violation in one of three vignettes produced significantly slower reading times.

24 Deliberate Evaluation Reduces Reproductions of False Information

Anya Kirsch, Northwestern University; Nikita Salovich, Northwestern University; David Rapp, Northwestern University

Past work suggests that deliberate evaluation can protect against being influenced by patently false claims and ideas. This experiment investigated whether evaluation specifically reduces people's reproductions of false information. The results demonstrated that people who judged information for accuracy as compared to interest at exposure reproduced less false information.

25 The Benefits of Closed-Ended Practice Testing for Comprehension and Metacomprehension

Lena Hildenbrand, University of Illinois at Chicago; Jennifer Wiley, University of Illinois at Chicago

While practice testing is considered an effective learning activity, effectiveness may vary between testing formats. The present study examined the effects of closed-ended practice tests on comprehension and metacomprehension, and whether differences exist between MC and TF testing formats. Both significantly improved comprehension outcomes and accuracy of confidence judgments.

26 Perceived Twitter Source Reliability Does Not Impact Illusory Truth Effect

Mija Van Der Wege, Carleton College; Yuxin Deng, Carleton College; Ran Zhang, Carleton College

Social media is an information source for many people. We replicated the illusory truth effect in a simulated Twitter context, varying the perceived reliability of the Tweeter. Source reliability had little impact on the illusory truth effect, even after participants categorized sources as reliable or unreliable.

27 Introversion/Extroversion on Older Adults' Experience of the COVID-19 Pandemic

Brenda Whitehead, University of Michigan - Dearborn; Emily Torossian, University of Michigan

A mixed-methods analysis of 825 older adults' responses to an online survey during the COVID-19 pandemic reveals differences in quantitative psychological well-being measures and qualitative stressor and joy themes between those self-identifying as introverted and those self-identifying as extroverted. Results inform individually-tailored strategies promoting older adults' well-being during a pandemic.

28 Skill in Comprehending Sentences About Wrestling Predicts Collegiate Wrestling Performance

David Havas, UW-Whitewater; Michael Hendrix, University of Wisconsin-Whitewater

Collegiate wrestlers read either sentences describing wrestling moves or control sentences across eight comprehension task sessions and performance was tracked for the wrestling season. Comprehension accuracy positively correlated with wrestling performance, but only for those who read wrestling-

specific sentences. Skill in sentence comprehension about sport movement was diagnostic of performance.

29 Tweet Emotion: Verb Aspect Boosts Trump's Engagement of Mass Audiences

David Havas, UW-Whitewater; Ben Bernasek, University of Wisconsin-Whitewater; Conor Haley, University of Wisconsin-Whitewater Imperfective aspect is more prevalent in political speeches intended to evoke emotions and adds emotional intensity to phrases. Here, we compare Trump's tweets containing imperfective aspect to those without in terms of audience engagement: number of times retweeted and favorited. We report a large advantage for tweets containing imperfective aspect.

30 Effects of Paced Breathing on Convergent and Divergent Thinking

Amy Costa, University of Missouri - Columbia; McKenzie Wallace, University of Missouri - Columbia; Brad Ferguson, University of Missouri Thompson Center for Autism & Neurodevelopmental Disorders; Megan Carey, University of Missouri - Columbia; Briana Kille, University of Missouri; David Drysdale, A.T. Still University Kirksville College of Osteopathic Medicine; Briann Sutton, University of Missouri - Columbia; Brianne Herriott, University of Missouri - Columbia; David Beversdorf, University of Missouri - Columbia

The ability of the autonomic stress response to impair cognitive flexibility is known, however paced breathing as a means of sympathetic modulation to improve these cognitive impairments requires investigation. Participants attended a paced breathing session followed by cognitive assessment. In females, paced breathing significantly reduced systolic and diastolic blood pressure.

31 Language-Switching Your Way out of the Foreign Language Effect Rita Gross, University at Albany, SUNY; Jeanette Altarriba, University at Albany, State University of New York

A foreign language effect is present if the language a problem is presented in affects the outcome of a decision. Low-conflict, impersonal and high-conflict, personal moral dilemmas were presented to German-English bilinguals to elicit this effect. Results are discussed within the context of language-switching habits and levels of acculturation.

32 Lending Over Backwards

Sarah Elizabeth Wellard, DePaul University; Jessica M. Choplin, DePaul University

Looking at whether consumers value things differently based on the way that costs are written, we found that people will rate the exact same loan as more expensive if its fees are described in terms of APR rather than in dollar-terms.

33 Statistical Anxiety and Attitudes Towards Statistics

Rabab Abdulghani, Andrews University

This study examines the relationship between statistical anxiety and attitudes toward statistics among Saudi graduate students who are enrolled in statistics courses in Education and Social Science colleges at Umm Al-Qura University. Results revealed that statistical anxiety is associated negatively with attitudes toward statistics (-0.71). Furthermore, attitudes toward statistics predict statistical anxiety.

34 The Foreign-Language Effect on Empathy in English-Spanish Bilinguals

Laith Abuzir, University of Illinois at Chicago; Felix Pambuccian, University of Illinois at Chicago; Gary Raney, University of Illinois Chicago We assessed whether English-Spanish bilinguals are more empathic in their native language versus their non-native language. Native Spanish speakers displayed greater empathy in their native language, but native English speakers displayed greater empathy in their non-native language. Questions asked in Spanish may elicit greater empathy regardless of one's native language.

35 Induced Mindfulness May Reduce High-Choice Discomfort but Increase High-Choice Attitude Change

Lloyd Reynolds Sloan, Howard University; Imer Arnautovic, Howard University

Participants wrote high (vs. low) counterattitudinal arguments before being mindfully (mind-wandering) induced and reporting their discomfort and attitudes. Mindful participants reported less high-choice discomfort than mind-wandering controls and more favorable high-choice (low-choice) tuition attitudes, possibly suggesting that mindfulness may distract from the strength of the counterattitudinal conflict, thereby lowering resistance.

36 Intrusion into Awareness of Words Unconsciously Registered in Visual Working Memory

Taylor Jancetic-Bidelman, University of Missouri-St.Louis We seek to address possible impacts of language disrupted awareness on visual working memory (VWM) capacity using binocular rivalry techniques. Conclusions include high unconscious interruption with significantly detrimental recall. This research will help identify types of information that can be retained in working memory in the absence of conscious awareness.

37 Differences Among Inference-Based Questions for Testing Comprehension

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

The current study tested whether engaging in explanation activities when learning from text improves performance on inference questions that require reasoning within the text versus beyond the text. Questions requiring reasoning beyond the text were differentially affected based on their relationship to contexts and examples described in the text.



Race & Ethnicity II

Thu 3:00PM - 4:50PM

On Demand 01

3:00 We *Really* Need to Talk: Encouraging and Empowering Interracial Dialogue

Keith Maddox, Tufts University

Interracial dialogue can foster an exchange of ideas leading to productive and sustainable solutions. However, dialogue is often avoided because people anticipate negative affective and interpersonal consequences. In this talk I describe research exploring strategies to encourage and empower those who might ordinarily avoid interracial dialogue.

3:30 Cultivating a collectivist college community?: Supporting Latino classroom perceptions

Jordan Arellanes, Illinois State University; Danieli Mercado-Ramos, Illinois

State University; Christohper Melecio, Illinois State University
This study examined and compared Latinx and Non-Latinx undergraduate
college students' perspectives and experiences connection to university
environments. Results highlighted various difficulties Latinx individuals face
within a predominantly white college environment that hinders belonging
including representation, systemic issues, ethnic-matching, and lack of
resources. Findings provide practical suggestions for college educators.

3:45 Mental Health Stigma and Care Seeking in First Generation Indian Immigrants

Binoy Shah; Aamir Laique, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology

Indian immigrants face unique obstacles that reduce mental health careseeking. Present results suggest that rather than targeting public stigma, it may be more beneficial to facilitate care-seeking by targeting disclosure of status. Specific paths to promote disclosure were identified, and implications for anti-stigma efforts were discussed.

4:00 'What Even Are You?:' Identity Development Patterns of South Asian Muslim American Women

Tasneem Mandviwala, University of Chicago

Second-generation South Asian Muslim American women navigate a sociocultural world that carries with it unique vulnerabilities, coping mechanisms, and emergent identities. By examining adolescents' and emerging adults' experiences within this population in a post-9/11 and Trump-era environment, a better understanding of the identity development of these individuals can be attained.

4:15 Targets' Suspicion of Nontarget Allies and Perceptions of Ally Efforts

Erica Granz, University of Indianapolis; Mason Burns, University of Indianapolis

Four studies investigated Black participants' perceptions of White allies' motivations. Overall, participants formed fewer internal and greater external attributions for the White protestor, confronter, and political candidate than similar Black targets. In turn, White allies' behaviors were supported less than the Black targets and their behaviors.

The Racism and Sexism Interaction

Thu 3:00PM - 4:50PM

On Demand 02

3:00 Racism and Sexism Benefit Conservative (Not White or Male) Politicians

(Max) Hui Bai, University of Minnesota

This paper presents evidence that citizens' prejudice does not usually benefit or undermine politicians who are from a particular demographic group, as many past studies assumed; instead, citizens' prejudice is associated with support for conservative politicians and opposition to liberal politicians, regardless of politicians' demographic background

3:15 Race-Based Size Bias: The Mediating Role of Perceived Facial Masculinity

Erin Freiburger, Indiana University; Kurt Hugenberg, Indiana University Across 2 studies, we find that overlapping gender-race representations play a key role in racially disparate size judgments. Black males were rated as physically larger and more formidable than size-matched White males, and this racial bias was mediated through perceived facial masculinity. Implications included increased use-of-force justifications against Black men.

3:30 Mental Representations of Black Women Influence Vulnerability Judgments

Gina Paganini, University of Denver; Kevin Summers, University of Denver; E. Paige Lloyd, University of Denver

Two studies (N=604) examined how masculinized representations of Black women may impact risk judgments in consequential domains. We present evidence that Black women are mentally represented as less feminine and are thereby judged as less vulnerable to both women's health conditions and sexual violence experiences, compared to White women.

3:45 People Envision Reckless Risk-takers as Stereotypically Black and Masculine

James Wages, Northwestern University; Sylvia Perry, Northwestern University

Who do people view as the risk-takers of society? Given that risk permeates everyday decision-making, understanding whether people mentally associate risk-taking with social groups is a valuable yet unexplored question. In four dynamic and robust experiments, we find that people envision risk-takers, specifically reckless risk-takers, as stereotypically Black and masculine.

4:00 Sociopolitical Policy Endorsement and Transphobia, Racism, and Rape Myths

Kathryn (they/them) Klement, Bemidji State University; Brooke Grimm, Bemidji State University

Participants (N = 285) reported their level of racist beliefs, transphobic beliefs, rape myth acceptance, and endorsement of four sociopolitical policies (reparations, defunding police, restricting bathroom access, repealing rape shield laws). Greater racist beliefs, transphobic beliefs, and RMA correlated with opposition to progressive policies and support of regressive policies.

Emotion

Thu 3:00PM - 4:50PM

On Demand 03

3:00 Feel to Heal: Emotion Differentiation Promotes Multiple Sclerosis Medication Adherence

T. H. Stanley Seah, Kent State University; Shaima Almahmoud, Kent State University; Karin Coifman, Kent State University

Medication adherence is important in Multiple Sclerosis although this may be impacted by negative emotional states. We examined whether emotion differentiation (ED) may moderate this link. We found that greater negative affect predicted lower adherence for those with low ED. In contrast, this link disappeared for moderate to high ED.

3:15 On the Loneliness-Reducing Power of Awe

Hannah Elias, West Virginia University; Alejandro Trujillo, Miami University; Heather M. Claypool, Miami University
This work examined awe's ability to alleviate loneliness. In two experiments,

participants watched an awe-inducing or amusement-inducing video and reported feelings of connections to humanity, connections to friends, and loneliness. In both, awe (compared to amusement) triggered greater connections to humanity, which reduced loneliness. Implications for loneliness treatments are discussed.

3:30 Invaluable Past, Expendable Future? Nostalgia Accelerates Temporal Discounting

Wijnand Van Tilburg, University of Essex; Tim Wildschut, University of Southampton; Constantine Sedikides, University of Southampton
Nostalgia revolves around rose-tinted reflections on cherished moments from one's social past. In so doing, does it sever people from their future? We examined if nostalgia affects temporal discounting. Specifically, we tested

and found, in three studies, that nostalgia increases the attractiveness of immediate versus delayed monetary rewards.

3:45 Mimicry and Mental State Decoding Accuracy in People with Dysphoria

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

50 word abstract (word count = 43 words) Replicating prior research, greater dysphoria was related to greater theory-of-mind (ToM) decoding accuracy. However, when forced to mimic or prevented from moving their facial muscles, dysphoria was no longer significantly related to accuracy, ruling out mimicry as a mechanism for the dysphoria-ToM advantage.

4:00 Individual Differences in Positive Emotion Dispositions Predict Pro-Environmental Outcomes

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

4:15 Variations in Affective Outcomes Associated with Participation in Mixed-Gender Threesomes

Brieanna Muzzy, University of Minnesota Duluth; Ashley Thompson, University of Minnesota Duluth

This study assessed affective outcomes resulting from the participation in mixed-gender threesomes (MGTs) among heterosexual and sexual minority adults. Overall, participants reported positive outcomes, confirming that MGTs offer an opportunity to explore one's sexuality with minimal negative social and affective consequences.

4:30 You say that you're happy, but are you actually happy?

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

The current study investigated possible links between perceived social support and affective states across multiple methodologies. Results revealed that perceived social support predicted reduced levels of Negative Affect in self-report and naturalistic observation. In contrast, it predicted elevated

levels of Postive Affect only in self-report. Clinical implications will be discussed.

4:45 Influencing Mechanisms on Social Anxiety and Emotion Recovery Rebecca Ly, Cleveland State University; Cheyene Horner, Cleveland State University; Aryn Giffi, Cleveland State University; Eric Allard, Cleveland State University

The current study examined the role of ruminative processes and anticipatory anxiety on emotion regulation difficulty in social anxiety. Results revealed that SAD symptomology predicted poorer mood recovery from a social stress task and was mediated by increased pre-stressor anxiety and post-event processing (PEP) during an instructed recovery period.

Self-Regulation & Motivation

Thu 3:00PM - 4:50PM

On Demand 04

3:00 Goal Models: A Lay Theory Perspective

Franki Kung, Purdue Unviersity

Successful regulation of multiple goals is critical to well-being; however, the ways people construe relations among their goals are not well understood. In this talk, I will introduce a lay theory framework to examine individuals' goal models (i.e., beliefs about the organizing principle of goal relations) and present initial evidence of their implications (for success and failure) in critical self-regulatory challenges.

3:30 Predictors of Self-Determination among Adults with Brain Injury Julia Thomas, Illinois Institute of Technology; Chanae Duff, Illinois Institute of Technology; Kristina Johnson, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology

The literature examining self-determination in adults with brain injury is limited. This study examined personal, environmental, and problem-solving variables as predictors of self-determination. Hierarchical regression analysis demonstrated that greater perceived symptom severity and lower problem-solving confidence were significant predictors of self-determination among adults with brain injury (N=143).

3:45 From "later" to "now": Recalibrating valence weighting tendencies reduces procrastination

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

Ohio State University

Research has documented greater procrastination among people with a negative valence weighting bias; they overweigh the negative features associated with sooner task performance. Experimentally recalibrating the valence weighting tendencies of procrastinators toward a more neutral, balanced point reduced procrastination in the context of participation in a research experience program.

4:00 Informal STEM Experiences for Inferences about the Self and Others

Mansi Joshi, Indiana University; Andrew White, Indiana University; Amanda Diekman, Indiana University; Andrei Cimpian, New York University Here we examine whether inferences about the self and others differ when students reflect on STEM experiences as occurring in the formal or informal domain. What are the implications of engaging in informal (vs. formal) STEM for perceptions of the self and of others?

4:15 Proactive Mindset Shapes Beliefs that Major and Career Pathways Afford Goals

Tessa Benson-Greenwald, Indiana University; Amanda Diekman, Indiana University

Individuals differ in their perceived ability to shape their contexts (i.e., proactive mindset). Across two studies proactive mindset predicted how individuals perceive social roles influencing perceived goal affordances, role flexibility beliefs, and role positivity. Proactive mindset suggests the "power of the situation" partially resides in the individual.

4:30 Self-efficacy, Behavioral Engagement, and Academic Performance in a Flipped Classroom

Bushra Aldosari, King Saud University; Bradley Morris, Kent State University

The study examined factors that might affect students' academic performance in a technical college physics flipped classroom by examining the relationship between gender, self-efficacy, behavioral engagement, and academic performance. The results showed that self-efficacy and behavioral engagement had a direct positive effect on students' academic performance.

4:45 Perception of Eating and Exercise Behaviors in Men and Women Katheryn Landsbaum, University of Denver; Trisha Prunty, Blackburn College

This study examined the perceptions of men and women's eating and exercise

behaviors. Societal normalization of unhealthy eating and exercise behaviors may be promoting eating disorders. The findings from this study suggest a major error in society's beliefs of what constitutes healthy eating and exercise behavior.

5:00 Regulatory Focus Predicts Self-perceived Appeal Underlying Romantic Aspiration

Eileen Wu, Northwestern University; Kathleen Carswell, Durham university; Daniel Molden, Northwestern University; Eli Finkel, Northwestern University

The present research examines how promotion vs prevention motivations predict the pursuit of more physically attractive romantic partners. A longitudinal study found that these motivations are associated with the inflated self-perception of one's own physical attractiveness and romantic appeal and the objective attractiveness of reported romantic interests.

Psychology of COVID-19

Thu 3:00PM - 4:50PM

On Demand 09

3:00 Predicting Preventive Health Behaviors: For Me and For We

Jennifer Kowalsky, The Ohio State University at Newark Health behaviors, such as washing hands and maintaining distance from others, can prevent or attenuate the spread of infectious disease. This presentation will focus on mixed-method, longitudinal research examining motivations to engage in COVID-19 preventive health behaviors and the stability of these motivations from early pandemic to six-month follow up.

3:30 COVID-19 Restrictions: Rates and Impacts of Work-Related Stress

Madalynn McKenzie, Southern Illinois University Edwardsville; Stephen Baumgartner, Southern Illinois University of Edwardsville; Gabriela Shea, Southern Illinois University Edwardsville; Hannah Darden, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville

Participants reported SES, trait anxiety, COVID-19 related work-restrictions, and work-related stress. Significant effects were found across all variables with both COVID 19 and trait anxiety being related to higher levels of work-related stress. SES and demographic variables as well as rates of various COVID-19 restrictions were also examined.

3:45 Fundamental Social Motives and COVID-19 Concern

Devin Burns, Missouri University of Science & Technology; Nathaniel Newhouse, Missouri University of Science and Technology; Clair Kueny, Missouri University of Science & Technology; Amy Costa, University of Missouri - Columbia

The COVID-19 pandemic calls for widespread compliance with public health guidelines to contain the spread of the virus. Our research unifies the aspects of personality, political ideology, beliefs, demographics, and social motives that underly individual differences in levels of concern and willingness to adopt protective behaviors in response to COVID-19.

4:00 Who is Complying with the Social Distancing Directive and Why?

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

We assessed associations between social distancing behavior and a variety of predictor variables related to beliefs about the sources of the distancing directive (e.g., trust in Trump and scientists), the pandemic itself (e.g., its severity, COVID-19 knowledge), and relevant target characteristics (e.g., political orientation, conspiratorial ideation, and Fox News exposure).

4:15 COVID-19 Concerns for African Americans with Serious Mental Illness

Carla Kundert, Illinois Institute of Technology; Aamir Laique, Illinois Institute of Technology; Kristin Williams, Saybrook University; Malia Vallender, Illinois Institute of Technology; Madeline Oppenheim, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology Principal component analysis of the COVID-19 Concerns Scale, developed to investigate concerns of African Americans with serious mental illness related to the COVID-19 pandemic, yielded a two-factor solution (Primary and Subsidiary Concerns). Subscale scores were positively correlated with depression symptomatology and inversely correlated with measures of physical and emotional wellness.

4:30 Social Comparison, Barriers, and Work-Related Outcomes During COVID-19

Noelle Herzog, The University of Toledo; Seth Penley, The University of Toledo; Cecelia Gothier, The University of Toledo; Jason Rose, University of Toledo

Do those who socially compare depend on such opportunities to be

productive? 1043 students completed a questionnaire examining social comparison orientation (SCO) and work-related outcomes with barriers experienced by stay-at-home orders during COVID-19. Students higher in SCO (particularly those experiencing barriers), had more work-related deficits during remote instruction.

4:45 An Exploratory Study on Psychological Factors and Disaster Misconceptions

Rachelle Pichot, Andrews University; Harvey Burnett, Andrews University; Karl Bailey, Andrews University

This exploratory study examined psychological wellness and resilience as predictors of disaster response beliefs and disaster misconceptions beliefs. Regressions revealed that stress, media reliability, resilience, disaster response beliefs, extraversion, conscientiousness, and disaster misconception beliefs contributed significantly to one or more models predicting disaster response beliefs and disaster misconceptions beliefs.

Cognitive Neuroscience II

Thu 3:00PM - 4:50PM

On Demand 10

3:00 Empathy, Morality, and Fairness in the Brain: A Developmental Neuroscience Approach

Jason Cowell, University of Wisconsin- Green Bay

In this talk, I will discuss the neural dynamics of young children's social cognition, with an emphasis on morality and empathy. I will present a series of studies from infancy, early, and middle childhood that link parental dispositions, children's EEG, and their actual moral and prosocial behaviors and argue for the importance of a multifaceted approach towards the understanding of morality.

3:30 Trial Level Flexibility in Use of Cognitive Control

Elizabeth Wiemers, University of Texas at Arlington; Tom Redick, Purdue University

Proactive and reactive cognitive control were investigated with a new, more sensitive task. The response

time results suggest that participants are sensitive to trial-level differences in cognitive control

requirements and can titrate their use of proactive and reactive control appropriately. Thus, proactive

and reactive control may be used simultaneously.

3:45 Research Domain Criteria: Are the Parts Better than the Whole?

Caitlin Tytler, Cleveland State University; Ilya Yaroslavsky, Cleveland State University; Maria Kovacs, University of Pittsburgh

Construct validity was tested for the Research Domain Criteria's positive and negative valence systems using Units of Analysis. Construct validity of these valence systems was not supported. Physiological measures of electroencephalography and respiratory sinus arrhythmia were shown to be unitary constructs. Clinical implications will be discussed



Case Studies From a Novel Acceptance and Commitment Therapy Protocol

Thu 3:10PM – 5:00PM Live Room 2

Among the most popular conceptualizations of Acceptance and Commitment Therapy (ACT), the Hexaflex dismantles psychological flexibility into six skills: values, present moment awareness, defusion, self-as-context, acceptance, and committed action. However, these components are not always easily distinguished. To address this concern, Life Skills Modules, a structured, flexible, transdiagnostic, and modular ACT protocol, was created. The development of this protocol serves two purposes: to provide graduatelevel clinicians with little background in ACT an opportunity to facilitate a complex treatment package in an effective manner, and to serve the diverse client population seen at the Clinical Center at Southern Illinois University. The protocol is structured to include a functional assessment of suffering followed by a strategic order of Hexaflex skills. Each Hexaflex modular session consists of a rationale, metaphor, experiential exercise, and assigning of Daily Practice Activities to facilitate generalization of skills between sessions. Measures of symptoms, psychological flexibility, and the therapeutic alliance are collected each session to ensure treatment is evidenceand measurement-based. The case studies discussed in this symposium provide some examples of using this protocol for varied presentations.

When All Else Fails: An ACT Health-Anxiety Case Study

Caleb Fogel, Southern Illinois University, Ryan Kimball, Southern Illinois University, Bruce E. Clark, Southern Illinois University, Chad E. Drake, Southern Illinois University

ACT Protocol Utilization for Persistent Depressive Disorder and Single Parenting

Forrest Parker, Southern Illinois University, Bruce E. Clark, Southern Illinois University, Chad E. Drake, Southern Illinois University

Life Skills Modules and its Effectiveness for Treating Social Anxiety Amanda Chamberlain, Southern Illinois University, Bruce E. Clark, Southern Illinois University, Chad E. Drake, Southern Illinois University

The Use of an ACT Protocol with Graduate School Stressors

Cerella Chandra, Southern Illinois University, Ryan Kimball, Southern Illinois University, Bruce E. Clark, Southern Illinois University, Chad E. Drake, Southern Illinois University

ACT Protocol Utilization for Trauma: A Case Study

Morgan C. Franklin, Southern Illinois University, Bruce E. Clark, Southern Illinois University, Chad E. Drake, Southern Illinois University



MPA Presidential Address

Using Academic Research in the Pursuit of Social Justice

Linda R. Tropp University of Massachusetts Amherst

Thu. 3:30PM – 5:00PM Live Room 01

Moderator: Duane T. Wegener, The Ohio State University

Integrating classic and contemporary perspectives, this talk will explore ways in which academic research can contribute to positive social change, by reflecting on our field's long legacy of engaged scholarship, highlighting the social relevance of the research studies we conduct, and helping newer generations envision pathways toward becoming engaged scholars.



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Western and Eastern Cognition: Daoist Thinking and Application

Fri 8:30AM – 10:20AM

Live Room 02

The recent research by Lee and Holt (2019) addresses Dao and Daoist ideas for scientists, humanists and practitioners, focusing on inner peace, harmony with human beings, and harmony with nature. This symposium builds upon Lee and Holt's (2019) work and includes five papers to address basic Daoist ideas both theoretically and empirically, such as harmony, Wei Wu-Wei (non-intervention), Yin-Yang or dialectical thinking, water-like leadership, and holistic truth or beauty appreciation. First, a recent study of the relationship between evolution, Daoist thinking, impact of COVID-19 and anxiety is reported. Second, the close relationship between open-minded cognition and Daoist thinking (e.g., flexibility and humbleness from Daoist Big-Five theory) is addressed. Third, a Daoist cognitive model is presented which can be applied to overcome various mental conflicts (e.g., depression and anxiety) and differs from typical Western Cognitive-Behavioral therapy models. Fourth, results from an experiment examining the influence of gender on Western agentic and Eastern Daoist leadership styles is presented. Finally, as per the Daoist perspective generally, a holistic orientation towards theorycreation and empirical inquiry is discussed as a useful paradigm for application. In sum, this symposium will elaborate and build upon the important ideas contained within Lee and Holt (2019).

Evolution, Daoist Thinking, Impact of COVID-19 and AnxietyAdam Green, Wenqian. Zhou, Yueh-Ting Lee, Kortney Maedge & Aarren Mineyfield, Southern Illinois University Carbondale

Open-Minded Cognition and Daoist Thought

(Victor Ottati, Loyola University Chicago, Yueh-Ting Lee, Southern Illinois University, Fred B. Bryant, Loyola University Chicago

Use a Daoism (Taoism)-Based Cognitive Model to Understand and Treat Mental Conflict

Key Sun, University of Oregon

Rethinking Gender and Leadership: A Lesson from Daoist Leadership Style

Wen-Qian Zhou & Yueh-Ting Lee, Southern Illinois University Carbondale

A Daoist Approach to Empirical Inquiry: The Zhuangzi-Aesthetic View Matthews Jamnik, Southern Illinois University USA, Keqian Xu, Nanjing Normal University China



Industrial and Organizational Psychology

Fri 8:30AM - 10:20AM On Demand 09

8:30 Spread thin: Changes over time in burnout symptoms among American young people

Sara Konrath, Indiana University & University of Notre Dame Burnout is a syndrome with three key symptoms: emotional exhaustion, depersonalization, and a reduced sense of personal accomplishment. In this talk, I will present some evidence that these burnout symptoms have been increasing over time in recent generations of American young people. I will speculate on potential causes and solutions to the increasing culture of burnout.

9:00 Expatriate-Local Interactions: A Motivated Information Processing Perspective

Young-Jae Yoon, Loyola University Chicago; Arup Varma, Quinlan School of Business, Loyola University Chicago; Young-Jae Cha, Department of Psychology, Columbia University

We conducted a field study to examine whether epistemic and social motives

jointly predict the willingness of host country nationals to help expatriate's adjustment. Results show that prosocial (vs. proself) HCNs with high (vs. low) epistemic motivation were more willing to help expatriates. Implications and future directions were discussed.

9:15 Virtual Badges and Personality Impact on Online Belonging and Engagement

Stephen Baumgartner, Southern Illinois University of Edwardsville; Morgan VanCleave, Southern Illinois University Edwardsville; Madalynn McKenzie, Southern Illinois University Edwardsville; Melissa Henry, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville; Cory Stieb, Southern Illinois University Edwardsville Virtual badges for workplace achievements has been proposed as a method for increasing engagement in the workplace. We found support of the impact of virtual badges (awards for obtaining goals) in belonging and engagement in online communities as well as the personality differences.

9:30 MTurk For Working Samples: Evaluation of Data Quality 2011-2019

Stephen Baumgartner, Southern Illinois University of Edwardsville; Hannah Darden, Southern Illinois University Edwardsville; Marcus Washington, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville

Multiple studies were aggregated using Amazon.com's MTurk crowd sourcing site for data collection from 2014-2019. We examined the impact pay, focused samples, and attention and manipulation checks on demographic characteristics and data quality. Based on our empirical findings we provide suggested guidelines to maximize the quality of MTurk samples.

9:45 Great Leaders Are All Jerks: Perceptional Tradeoffs of Managerial Decisions

Elena Brandt, Florida State University; Paul Conway, Florida State University`

Six studies explore social perceptions and expectations of managers who have to sacrifice an employee to save a business. Paralleling moral dilemma research, managers who choose to sacrifice are seen as less warm and moral than those who don't. Empathic concern offsets this effect, suggesting practical implications for corporate communications.

10:00 Burnout in Health Care Providers

Anthony Magdaleno, University of Wisconsin-Milwaukee; Elizabeth

Menden, University of Wisconsin, Milwaukee; Barbara B Meyer, University of Wisconsin - Milwaukee

The purpose of the current study was to test for categorical associations between health care professionals' years of occupational experience and dimensions of burnout (i.e., emotional exhaustion, depersonalization, personal accomplishment). Results indicate no significant association between years of occupational experience and each dimension of burnout.

10:15 Why delay? Exploring and Quantifying How Laypeople Perceive Task-delaying

Trent Wondra, Barry University

Procrastination traditionally is perceived negatively, within psychology. However, how laypeople conceptualize procrastination is underexplored. Two studies explored and quantified lay beliefs of procrastination across different common situations. Laypeople consistently perceived procrastination as inferior to not procrastinating. However, procrastination was conceptualized as potentially adaptive when one does so to improve outcomes.

LGBTQ + Stereotypes & Prejudice

Fri 8:30AM - 10:20AM

On Demand 01

8:30 Disease salience predicts anti-LGB sodomy laws

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

8:45 Explaining Anti-Transgender Prejudice Through Dehumanization Kristin Broussard, Villanova University; Ruth Warner, Saint Louis University Two studies examined dehumanization of transgender people. Transgender targets were not dehumanized, nor was dehumanization used as a means of justifying harming transgender people. It is possible that anti-transgender prejudice is deemed socially acceptable, thus, there is no need to justify harmful actions towards transgender people by dehumanizing them.

9:15 Credibility Judgments Across Source Gender and Sexual Orientation

Teal Russeau, Ball State University; Kelsey Thiem, Ball State University; Andrew Luttrell, Ball State University

Research suggests that women are judged as more credible advocates of stereotypically feminine products than men, and people often ascribe inverted gender stereotypes to gay targets. The current research examined credibility judgments of persuasive sources as a function of source gender and sexual orientation when advocating for stereotypically gendered products.

9:30 Perceptions of Pronoun Correctors

Linas Mitchell, Loyola University Chicago; Lina Flores Wolf, Loyola University Chicago; Robyn Mallett, Loyola University Chicago We examined perceptions of gender pronoun corrections in a 2(voice type) x 3(correction type) experiment. Our undergraduate participants tended to prefer pronoun corrections over a non-gendered correction, but preferred cisgender people over transgender people on feeling thermometers and continued to misgender applicants in written responses.

9:45 Transgender and Non-Binary Gender-based Housing Discrimination

Alicia Cromer, Northern Arizona University; Ann Rumble, Northern Arizona University

The study examined gender diversity in relation to discrimination, disgust, and dehumanization. Participants expressed preference for a cis-gender roommate compared to transgender, nonbinary, and this relationship was moderated by transphobia and disgust. Transgender and gender-nonconforming individuals face struggles such as bias, discrimination that can be detrimental to their mental health.

10:00 Metastereotypes of transgender and gender non-binary persons

Anna Pope, University of Kansas; Daphnis McPherson, University of Kansas; Hannah Gillum, University of Kansas; Aisha Khan, University of Kansas; Kirstie Camp, University of Kansas

This study expands transgender stereotype work in modern terms and establishes transgender metatstereotypes. Cisgender, transgender, and gender non-binary persons provided stereotype content for 5 gender groups (i.e. ciswo/men, trans-wo/men, non-binary individuals). Results suggest that transgender stereotypes are unique and do not strictly match their gender or opposite gender.

Learning & Self-Regulation

Fri 8:45AM - 10:20AM

On Demand 05

8:45 Do Prediction Activities Improve Learning-by-Explaining from Science Texts?

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

Although learning-by-explaining activities are often beneficial for learning from science text, the added benefit of prompting students to make predictions prior to seeing the results of empirical studies is unclear. In this study, making predictions while reading did not improve comprehension or comprehension monitoring from psychology textbook excerpts.

9:05 Do Students Regulate Self-testing as a Function of Item Difficulty?

Sabrina Badali, Kent State University; Katherine Rawson, Kent State University; John Dunlosky, Kent State University

Retrieval practice is beneficial for both easy and difficult items, but how do students regulate their use of self-testing as a function of item difficulty? Students' self-regulated study choices were compared for easy and difficult items and compared to a criterion group to assess the effectiveness of their self-regulated choices.

9:25 A Scale to Measure Students' Self-Regulation Failure (SRF)

Ibrahim Al-Harthy, College of Education. Sultan Qaboos University; Chris Was, Kent State University; Amal Al-Kalbani, Sultan Qaboos University Tools to measure self-regulation are well developed in literature. There is a lack of tools to measure SRF. In response to this, a conceptual and more comprehensive scale of various causes is developed. The initial scale contained eight-factors with Cronbach alphas ranging from .47 to .65. Additional analysis is conducted.

9:45 Does Attempting to Correct False Statements Improve Learning?

Oyku Uner, Washington University in St. Louis; Eylul Tekin, Washington University In St Louis; Henry L. Roediger, Washington University in St. Louis

True-false tests improve retention relative to restudying, but can their effectiveness be increased? In two experiments, we examined whether attempting to correct statements considered as false on a true-false test

improves retention relative to the standard version. Our simple modification enhanced memory of the corrected items when feedback was provided.



Invited Symposia

Influences on Disordered Eating, Attitudes, & Behaviors

Fri. 9:00 AM – 10:20AM

Live Room 01

Authors: Marie Nebel-Schwalm, Illinois Wesleyan University; Shannon M. O'Connor, Montclair State University; Suejung Han, Illinois State University Discussant 1: Hana F. Zickgraf, University of South Alabama

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



Religious Beliefs & Behaviors

Fri 9:00AM - 10:00AM

On Demand 03

9:00 Analytic Atheism: The Role of Motivation to be Epistemically Rational

Tomas Stahl, University of Illinois at Chicago

Five cross-sectional studies examined whether the relationship between analytic thinking and religious disbelief is moderated by individual differences in motivation to be epistemically rational. Results consistently show that the association between analytic thinking and disbelief is stronger among individuals who ascribe more (vs. less) value to epistemic rationality.

9:15 Credibility Enhancing Displays and Religious Choice and Conflict in Family of Upbringing

Joseph Langston, Ohio University; David Speed, University of New Brunswick in Saint John; Thomas Coleman, Coventry University Credibility Enhancing Displays (CREDs) were examined in a large sample of atheists (N = 7,173). CREDs were positively associated with a later Age of Atheism, with family-level religious variables moderating this relationship. CREDs also remained a predictor of Age of Atheism while controlling for many variables related to religious transmission.

9:30 Religious intuitions, theory of mind, and supernatural experienceLaird Edman, Northwestern College; Hannah Paauw, Northwestern College; Cole Mills, Northwestern College; Taelor Lamansky, Northwestern College; Nolan Behr, Northwestern College; Alyssa Daun, Northwestern College; Ethan Husbands, Northwestern College; Noah Hop, Northwestern College; Jessica Rogers, Northwestern Colg; Allison Haverdink, Northwestern Colg This study examined the controversy surrounding the relationship of mentalizing and religiosity. Results indicate that mentalizing is predictive of intimate religious experience over and above thinking style and absorption, and experiences of supernatural evil are more highly related to measures of mentalizing than are experiences of supernatural good.

9:45 A Balanced Identity: Balance Theory, Self-Discrepancy, and Religiosity

Tommy Derossett, Saint Louis University; Richard D Harvey, Saint Louis University

The current study proposed and validated a model of measurement that examines the role of the self in the relationship between religiosity and wellbeing. Through an idiographic data collection approach, and the implementation of classic social psychological theories, a new construct termed religious self-discrepancy was formed. Results will be discussed.

Social & Emotional Development

Fri 9:00AM - 10:00AM

On Demand 04

9:00 Relationship Between Student Self-Reported SEB Functioning and Office Discipline Referrals

Courtney Weaver, Cleveland State University; Shereen Naser, Cleveland State University; Kristy Brann, Miami University

The early use of screeners to identify the social, emotional, and behavioral needs of students has been linked to behavioral outcomes such as office discipline referrals (ODR's). Our study supported the predictive ability of the BASC-3 BESS as an indicator of ODR's, $\beta = .194$, t(1,152) = 2.44, p =

9:15 Qualitatively Evaluating the Community-Based Cities Mother-Daughter Depression Prevention Program

Catherine Pierre-Louis, DePaul University; Tasha Brown, Columbia University Irving Medical Center; Kathryn Grant, DePaul University; Tiamo Katsonga-Phiri, University of Denver; Sophia Duffy, Dominican University; Farahnaz Farahmand, San Francisco Department of Public Health; Kathryn Keenan, University of Chicago

The Cities Mother-Daughter depression prevention program targeted preadolescent African-American girls living in urban poverty. Qualitative program evaluation yielded themes related to high satisfaction and suggestions for improvement, given difficulties applying skills outside of sessions, and external stressors. Findings hold relevance for recruitment and retention efforts of future community-based health interventions.

9:30 A Focus Group Study of Social Status Insecurity in Adolescents

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

We interviewed several groups of adolescents on their understandings,

experiences, and reactions towards social status insecurity (SSI). Results suggest adolescents tend to suffer from distressing mental and social difficulties after experiencing SSI. Additionally, their perceptions on the insecurities regarding different social statuses (e.g., popularity and social preference) were also different.

9:45 Intersectional Identities Cultural Engagement Programs at Predominantly White Institutions

Jaren Crist, Texas A&M University; Adrienne Carter-Sowell, Texas A & M University; Asha Ganesan, Texas A&M University; Huanshu Yuan, Texas A&M University; Tonya Driver, Texas A&M University
We provide insight into how Intersectional Identities Cultural Engagement, (IICE) Programs at a Predominantly White Institution (PWI) encourages community building for minoritized undergraduate students. The case study assesses multiple cycles of qualitative and quantitative data collection from 2016-2020. We aim to improve the quality of life of diverse student populations.

Risk & Resilience

Fri 9:00AM - 10:15AM

On Demand 07

9:00 Building Resilience in a Social World

Alli Cipra, Governors State University

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

9:30 Peer Victimization and Academic Achievement: A Propensity Score Analysis

Wondimu Ahmed, The University of Akron

This study examined the impact of peer victimization on academic achievement in a nationally representative sample 10,516 8th graders in the USA. Analysis using multi-treatment propensity score modeling (PSM) showed that students who reported being bullied almost weekly performed significantly worse than those who reported never being bullied.

9:45 Race moderates the effect of childhood adversity on socioeconomic status

Ashley Velez, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

The present study tests whether childhood adversities' accumulation differentially impacts African Americans' compared to Caucasians' socioeconomic status (SES). While African Americans and those with multiple adversities exposures reported lower SES, Caucasians were disproportionately affected by adversity exposure, particularly childhood sexual abuse.

10:00 Examining Mental Health and Academic Outcomes in First-Semester College Students

Mike Martynowicz, University of Saint Francis - Fort Wayne; Monica Heller, University of Saint Francis

This two-phase study examined changes in first-year undergraduate students' depressive symptoms, substance use, anxiety, stress, sleep, and self-efficacy for learning and performance during their first semester in college. Analyses were also conducted to predict key outcomes (e.g., semester GPA) for all participants as well as determine differences for underrepresented students.



MPA Presidential Address

The Social Psychology of Socioeconomic Mobility

Mesmin Destin Northwestern University

Fri. 10:30AM – 12:00PM Live Room 01

Moderator: Edward Hirt, Indiana University-Bloomington

Emerging social psychological theory helps to explain the experience of moving from one socioeconomic position to another. Several studies demonstrate how the identities of young people shift as they navigate opportunities in college and the workplace, with implications for achievement, well-being, and the development of effective supports.



Behavioral Neuroscience: Poster Session

Fri 10:30AM - 12:20PM

Poster Room

1 The Effects of Amphetamine on Locomotion and Conditioning in Zebrafish

Matthew Blankenship, Western Illinois University; Anika Paulson, Western Illinois University; Andrew Harmon, Western Illinois University; Kathleen Hodges, Western Illinois University; Megan Bardmass, Western Illinois University; Ryan Klute, Western Illinois University Psychostimulants have been useful as models for studying the behavioral pharmacology of anxiety-related disorders. Results of high-dose amphetamine treatment appear to alter locomotor behavior in Zebrafish (*D. rerio*) without altering fear-conditioning.

2 Early hypoxia alters the kinematics of exploration in adult geckos

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

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

3 Role of the Hippocampus in Second-Order Fear Conditioning

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

4 Punishment Feedback Diminishes Movement Readiness Potentials and Visuomotor Retention

Christopher Hill, Northern Illinois University; Alberto Del Arco, University of Mississippi; Dwight Waddell, University of Mississippi Reward and punishment feedback has demonstrated dissociable effects on learning and retention of visuomotor adaptation tasks, but it is unclear how this feedback affects motor preparation, a critical aspect of motor learning. This study found that specifically punishment feedback impairs visuomotor retention and diminished the neural correlates of motor preparation.

5 CTMT Factor Structure in a Clinical Sample: Clinical Implications

Doug Callan, Michigan School of Psychology; Dustin Shepler, Michigan School of Psychology; Dylan Oseas, Michigan School of Psychology; Kylee Kowalski, Michigan School of Psychology; Michelle Justice, Michigan School of Professional Psychology

The factor structure of the Comprehensive Trail Making Test (CTMT) was investigated. Results indicated a 1 or 2-factor solution was acceptable. Sensitivity of the CTMT was also examined. Results indicated that in a 2-factor model, only the second factor was useful in classifying those with and without ADHD.

6 The Long-Term Effects of Ketamine on Adult and Adolescent Mice Jonathan Acevedo, University of St. Thomas; Jessica Siegel, University of St. Thomas

The effects of ketamine on anxiety-like behavior, learning, and depressive-like behavior are not well understood in adolescents. It is important to understand this because adolescence is a critical period in brain development. These findings will contribute to our understanding of the long-term effects of ketamine on adolescents and adults.

7 Nicotine Dose Modifies the Effects of Environment on Drug Discrimination

Dustin Stairs, Creighton University; Taena Hanson, Creighton University; Kendall Kellerman, Creighton University; Kimberly Holter, Creighton University; Jake Meyer, Creighton University; Hannah Okelberry, Creighton University; George Borkovich, Creighton University Isolated rats (IC) and Enriched rats (EC) were trained to discriminate saline from either a 0.2 or 0.4mg/kg training dose of nicotine. IC rats met acquisition criterion faster regardless of dose compared to EC rats. The higher dose of nicotine lead to faster acquisition compared to the low nicotine dose.

8 The Consequences of Urban Environments on Cognition

Caitlin Ailsworth, DePaul University; William Krenzer, Duke University; Nathan Young, DePaul University; Kimberly Quinn, DePaul University; Joseph Mikels, DePaul University

Original data collected to compare positive emotions using different image types were reanalyzed to further understand cognitive responses to built versus natural environments. Natural environments were less cognitively taxing compared to built environments, evidenced by a significantly decreased P300 event-related potential (ERP) component, a marker for cognitive control.

9 Human Evidence Corroborates Sharpening of Visual Cortical Processing in Mice

Michael Wolff, Edinboro University; Karlee Allen, Edinboro University; Lexis Burrell, Edinboro University; Michael Skelly, Edinboro University Investigated was the effect of stimuli orientation and the effect of articulatory suppression on the time necessary to execute normal-mirror judgments in a mental rotation task. Results indicate suppression yielded significantly faster judgments than silence, thus findings appear to corroborate neuroscience mouse findings that sound enhances primary visual cortex processing.

10 Effect of Age Between Time Since Injury and Cognitive Dispersion in TBI

Teagan Mieth, University of Nebraska-Lincoln; Emily Overend, University of Nebraska-Lincoln; Jeremy Feiger, University of Nebraska - Lincoln; Kathy Chiou, University of Nebraska-Lincoln

Cognitive dispersion in individuals with traumatic brain injury follow a pattern of recovery where variability is greatest immediately following injury and stabilizes with increased time post injury. Our findings indicate a positive relationship between cognitive dispersion and time since injury in younger TBI individuals proving how age influences disruptions in cognitive

11 The Effects of Slave Diets on Neurodegeneration in African Americans

Gisele Casanova, Purdue University Northwest; Charmaine Connell, Purdue University Northwest

The research explored the significance of slave diets in the Antebellum South as a possible marker of neurodegenerative susceptibility in African Americans. Malnutrition exacerbates certain neurodegenerative disorders such as Alzheimer's Disease. Results suggest a possible relationship between

slave diets, malnutrition, and the development of neurodegenerative disorders in African Americans.

12 The Neurophysiological Impact of Sleep and Alcohol on Interhemispheric Transfer

Karysa Britton, Ball State University; Joshua Grzywana, Ball State University; Adrianna Caballero, Ball State University; Krista Price, Ball State University; Akrem Ahmed, Ball State University; Stephanie L. Simon-Dack, Ball State University

Interhemispheric transfer (IHT) has a well-established link to general cognitive functioning, while poor sleep quality and high alcohol consumption are known to deplete cognitive resources. Results indicate that higher alcohol consumption diminishes cognitive resources when transferring information across hemispheres, which has strong implications for the academic functioning of college students.

13 Effect of Psychological Flexibility on Heart Rate Variability Post Stressor

Rachel Bond, University of Toledo; Alex Buhk, University of Toledo; Pallavi Babu, University of Toledo; Jason Levine, University of Toledo Acceptance and Commitment Therapy (ACT) is one of several empirically supported treatments involving values clarification, however its acceptance-based mechanisms of change have not been investigated. The current research seeks to utilize acceptance-based process variables to predict heart rate variance (HRV) differences between stressor tasks.

14 Using a Controlled Reinforcer Frequency Schedule to Measure Risky Choice

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

We used a controlled reinforcer frequency (CRF) schedule to measure the effects of amphetamine on risky choice. Results showed that amphetamine increases risky choice, but the results are dependent on the order in which probabilities are presented within a session for individually housed, but not pair-housed, rats.

15 Differential Effects of NMDA Receptor Antagonists on Risky Decision Task

Alexis Ellis, Northern Kentucky University; Matthew Horchar, Northern Kentucky University; Joy Kappesser, Northern Kentucky University; Makayla Wright, Northern Kentucky University; Prodiges Mbambu, Northern Kentucky University; Tanner Sutphin, Northern Kentucky University; Destiny Dehner, Northern Kentucky University; Hephzibah Igwe, Northern Kentucky University; Justin Yates, Northern Kentucky University We examined the contribution of the NMDA receptor antagonists CGS 19755 (0-5.0 mg/kg) and Ro 63-1908 (0-1.0 mg/kg) to risky choice as measured in the risky decision task (RDT). CGS 19755 increased risky choice, whereas Ro 63-1908 decreased risky choice, but only in male rats.



Learning Processes

Fri 10:30AM - 12:20PM

On Demand 05

10:30 Costs of Phone Vibrations and Texting on a Reading Task Kathryn O'Toole, North Park University; Marie Machek, North Park University

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

10:50 Whole numbers are easy, but fractions are impossible! Predictors of attitudes towards number types.

Marta Mielicki, Kent State University; Clarissa Thompson, Kent State University

Children and adults possess attitudes about fractions that are more negative than their attitudes towards whole numbers. Two studies with college students explored how attitudes towards different types of numbers relate to other individual differences, such as growth mindset beliefs and perceptions of ease and difficulty.

11:10 Information processing predictors of health misconceptions

Nikita Salovich, Northwestern University; Carlie Cope, DePaul University; David Rapp, Northwestern University

This project examined factors that predict people's health-related misconceptions. Individuals who scored higher on assessments of news literacy held fewer health misconceptions, even when controlling for general verbal reasoning. Individuals with higher levels of education, surprisingly, possessed more health misconceptions, moderated by overconfidence in their health understandings. Implications are discussed.

11:30 A YouTube Learning Environment

Nicholas Hill, University of Wisconsin - Stout; Chelsea Lovejoy, University of Wisconsin - Stout

Adding interesting, but irrelevant, information to a classroom lecture often reduces academic performance. In this study, 156 students participated in online learning environment with either a voice over PowerPoint presentation or a seductive detail ladened presentation (narrated game play video lecture). The impact on interest and recall performance are examined.

11:50 A 6-Year Longitudinal Study on Predicting Standardized Math Scores

Rachelle Pichot, Andrews University; Nadia Nosworthy, Andrews University A longitudinal study on math ability collected data from Canadian students in Kindergarten and 6th grade. Regression analyses revealed that 29.4 percent of the variance in 6th grade math ability was predicted by four factors measured in Kindergarten: a student's ability to add, their level of initiative, Language class score.

Psychology & Higher Education

Fri 10:30AM - 12:20PM

On Demand 09

10:30 How Warmth and Competence Affects Institutions of Higher Education Image

Lesly Krome, Southeast Missouri State University; Naciha Alami, Southeast Missouri State University; Alyssa Mohney, Southeast Missouri State University; David Tomchuk, Southeast Missouri State University
The current study utilized the Stereotype Content Model (SCM) to personify organizations. 137 participants evaluated online reviews about a fictitious university described with varying levels of warmth and competence. Warmth

and competence interacted on participants' perceived school favorability, but competence had a more pronounced effect in several ways.

10:45 Exploring Educator's Life Satisfaction and School Climate in Illinois

Diana Zaleski, University of Illinois Springfield

Exploring Educator's Life Satisfaction and School Climate in Illinois This study investigated the relationship between Illinois educator's life satisfaction and the climate and culture of their schools. On average, teachers in Illinois reported that they are slightly below average in life satisfaction, and significant correlations were found between educator's life.

11:00 In-Class Testing Facilitates Transfer of Learning

Tyler Miller, South Dakota State University; Natcha Srimaneerungroj, University of Michigan - Medicine

The purpose of the following studies was to examine the effect of a classroom testing procedure on high and low performing students and their transfer of learning. Results revealed significant improvement for tested items and transfer of learning for all students regardless of their performance level.

11:15 Viewpoint Diversity and Authoritarianism in the Classroom: A Moderation Analysis

Ryan Hjelle, University of Minnesota Duluth; Doug Krull, Northern Kentucky University; Nicholas Kellar, University of Minnesota Duluth; Nicholas Catlett, University of Minnesota Duluth

This multisite study assessed the relationship between degree of religious commitment/political philosophy and self-reported concern in sharing one's opinion, in the classroom, on a variety of controversial topics. Results are discussed and suggest that the current classroom environment and current pedagogy may be inhibiting the voices of diverse philosophical viewpoints.

11:30 Canadian Armed Forces Catch-22: An examination of instructor satisfaction

Kevin Rounding, Department of National Defence; Karen Rankin, Department of National Defence; Francesca Ruscito, Department of National Defence

Military instructors are crucial to the success of the \$1.6B the Canadian Armed Forces spends annually on training. A two phase study-qualitative and quantitative-examined military instructor job satisfaction. Results highlight that Person-Organization fit is central, as it serves as the mechanism whereby myriad workplace factors influence job satisfaction.

11:45 Social Comparison Preceptions Reduce STEM Belonging Among Token Women

Veronica Derricks, Indiana University Purdue University Indianapolis; Denise Sekaquaptewa, University of Michigan, Ann Arbor Environmental cues can reduce women's belonging in STEM. Across three experiments, college women who were numerically underrepresented in a hypothetical engineering course reported greater concerns about being compared to an ingroup (versus outgroup) peer in the course, which subsequently reduced course belonging. Decreased belonging emerged through increased stereotype threat concerns.

12:00 A Situated-Stress Intervention Improves Bar Passage Among Socially Disadvantaged Applicants

Heidi Williams, Indiana University; Victor Quintanilla, Indiana University; Sam Erman, University of Southern California; Gregory Walton, Stanford University; Nedim Yel, University of Massachusetts, Boston; Liz Bodamer, Indiana University; Shannon Brady, Wake Forest University; Dorainne Levy, Indiana University, Bloomington; Evelyn Carter, Indiana University; Mary C. Murphy, Indiana University

An intervention representing Bar exam-specific stressors a as helpful, meaningful, and important for learning was administered to two cohorts of California State Bar Exam applicants. The intervention improved passage rates for socially disadvantaged group members and reduced the achievement gap between socially advantaged and disadvantaged group members by 36.9%.

Stress Management

Fri 10:30AM - 12:20PM

On Demand 07

10:30 Virtual reality and chronic pain: The case of virtual walking in SCI

Zina Trost, Virginia Commonwealth University

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

11:00 Effects of Brief Mindfulness Meditation or Nature Exposure on Stress

Janell Ritari, The College of St. Scholastica; Nicole Nowak, College of St. Scholastica; Karen Petersen, College of St. Scholastica

Does mindfulness meditation reduce students' acute stress? Participants took part in a single mindfulness meditation or watched a nature video prior to an acute stressor. The nature group showed significantly lower stress than the meditation group. Results indicate that nature exposure may be more effective than mindfulness in reducing stress.

11:15 Holistic symptom management for metastatic cancer: A comparison pilot study

Rebecca Louison, Mount Mercy University; Jen Lee, Mount Mercy University

Effectiveness of a holistic approach on metastatic cancer survival when compared to current research, and normative data from the SEER database. Results showed that the survival was significantly higher when compared with data from current research (80.8% vs. 75.1% respectively) as well as when compared with SEER data.

Intergroup Relations

Fri 10:30AM - 12:20PM

On Demand 01

10:30 Perceived Muslim Population Growth Triggers Divergent Perceptions and Reactions from Partisans

(Max) Hui Bai, University of Minnesota

Four experiments suggest that Republicans and Democrats respond to Muslim population growth with divergent reactions in four different domains: perception of threats, celebratory reactions, emotional responses, and (possibly) political intolerance. These studies' implications for political polarization is also discussed.

10:45 Extreme Party Animals: Effects of Political Identification and Ideological Extremity

Joshua Brown, Texas Tech University; Zachary Hohman, Texas Tech University

Many Americans' *political* identity is more central than their *American* identity. The purpose of the current research is to determine how political party identification and ideological extremity influences affective polarization. Results show that higher political identification is associated

with higher affective polarization and ideological extremity mediates this effect.

11:00 Manipulating Religion-Science Compatibility Increases Perceptions of Christians' Scientific Ability

Cameron Mackey, Ohio University; Kimberly Rios, Ohio University; Zhen Cheng, Oregon Health & Science University

Nonreligious Americans tend to believe that Christianity and science are incompatible, contributing to Christians' underrepresentation in science. Two studies measured and manipulated Christianity-science compatibility beliefs. Compatibility beliefs explained ratings of Christians' scientific ability and were manipulated to increase positive perceptions of Christians' scientific abilities.

11:15 Does Cross-Race Contact Improve Cross-Race Face Perception? A Meta-Analysis

Balbir Singh, University of Colorado Boulder; Christopher Mellinger, University of Colorado Boulder; Holly Earls, University of Colorado Boulder; Janis Tran, University of Colorado Boulder; Brighid Bardsley, University of Colorado Boulder; Joshua Correll, University of Colorado Boulder

Time and again, people say, "They all look the same to me." According to multiple theories, this cross-race deficit should be reduced by cross-race contact. We conduct a meta-analysis to test the relationship between cross-race contact and the cross-race deficit. We report the overall effect as well as moderator analyses.

11:30 Dehumanization Mediates the Relationship Between Political Orientation and Policy Support

Olivia Kuljian, Texas Tech University; Zachary Hohman, Texas Tech University

Political groups' dehumanization of targeted groups relates to differential support for BLM policies. The relationship between political orientation and support for BLM policies was mediated by dehumanization of African Americans and police officers. Republicans dehumanized African Americans and humanized police officers more than Democrats, which led to reduced policy support.

11:45 Approach or avoid? The role of anger, disgust, and self-uncertainty

Ashley Worley, Texas Tech University; Zachary Hohman, Texas Tech

University

This study assessed how intergroup emotions predict behavior towards outgroups under conditions of self-uncertainty. Results revealed uncertain participants experiencing high-anger and high-disgust are motivated to approach an outgroup, while certainty motivates approach tendencies with high anger and low disgust. Results reveal feelings of certainty uniquely affect results of intergroup emotions.

12:00 Examining Racial Ideologies as Responses to Race-Based Disadvantage

Allison Bair, University of Denver

Relationships among Black racial ideologies (Nationalist, Humanist and Assimilation) and responses to race-based disadvantage (i.e., implicit racial attitudes, system justification) were examined. Nationalist ideology was related to responses that facilitate social change, while Assimilation and Humanist ideologies were related to responses that support the status quo.

Stereotypes and Prejudice: The Body, Poverty, and Crime

Fri 10:30AM - 12:20PM

On Demand 02

10:30 Heavier-weight targets are de-mentalized as lacking in mental agency

Mattea Sim, Indiana University; Steven Almaraz, Miami University; Kurt Hugenberg, Indiana University

Across 4 studies, we find that heavier-weight individuals are de-mentalized as lacking mental agency (e.g., memory), but not experience (e.g., emotion). Both disgust and perceived physical incapacity contribute to dementalization. Consequentially, heavier-weight targets are seen as less suited and less likely to occupy roles requiring mental agency, but not experience.

10:45 How Stereotypes Influence Judgments of Eating Disorder Risk

Miriam Clayton, University of Colorado Boulder; Bernadette Park, University of Colorado Boulder; Christopher Mellinger, University of Colorado Boulder; Sona Dimidjian, University of Colorado Boulder Eating disorder (ED) behaviors may be perceived differently based on identity characteristics. We evaluated whether risk perceptions of ED-related behaviors varied by target gender, age, race, and SES. Participants rated risk higher for women, younger targets, and White targets. This indicates stereotypes may influence lay perceptions of ED-related behaviors.

11:00 Intergroup Attitudes in the Time of COVID-19: Pandemic Experiences Predict Prejudice & Stereotyping

Natalie Gallagher, Northwestern University; Jordan Daley, Northwestern University; Galen V. Bodenhausen, Northwestern University We find that individual-level experiences with COVID-19 predict meaningful intergroup attitudes across several dimensions and outcomes. Namely, we find that experiences with COVID-19 may predict increased general warmth, but that more concerning trends arise when we look at whether positive (or negative) outcomes are disproportionately allotted to certain social groups.

11:15 SES-based pain stereotypes extend to children

Kevin Summers, University of Denver; Gina Paganini, University of Denver; E. Paige Lloyd, University of Denver

Across three studies, we demonstrate that low-SES children are stereotyped as less sensitive to pain than high-SES children following the same injuries. This SES-pain sensitivity effect extends to children as young as three years old and has consequences for disparate pain treatment decisions.

11:30 Public Stigma of COVID-19 and Its Impact on Secrecy

Sang Qin, Illinois Institute of Technology; Carla Kundert, Illinois Institute of Technology; Carlo Palermo, Illinois Institute of Technology; Malia Vallender, Illinois Institute of Technology; Ramyasai Nissankula, Illinois Institute of Technology; Reshma Rolle, Illinois Institute of Technology; Lindsay Sheehan, Illinois Institute of Technology

The current study examined the hypothesized path model of how fear, perceived impact on personal life, and dispositional attribution of COVID-19 predict public stigma, leading to secrecy and shame in seeking help. Results indicated a good model fit and meaningful implications in public health practice.

11:45 Jail time predicts perceptions of hardening and criminals' pain sensitivity

Pamala Dayley, University of California - Los Angeles; E. Paige Lloyd, University of Denver; Kevin Summers, University of Denver; Michael Bernstein, Penn State Abington

We investigated how perceived pain sensitivity changed as a function of whether the target spent time in jail or not. Across two studies, we found that people who spent time in jail were seen as having lower pain sensitivity. We discuss the results in terms of future research.

12:00 Examine Public Stigma of Mental Illness Using Difference and Disdain

Sai Snigdha Talluri, Illinois Institute of Technology; Sang Qin, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology Viewing individuals with mental illness as a distinct group (difference) predicts public stigma. So does the perception of disdain. The current study tested the path between difference and disdain measures and explored whether three emotions –intergroup anxiety, anger, and empathy – mediate the path. Results revealed a two-mediator model.

Political Psychology II

Fri 10:30AM - 12:20PM

On Demand 03

10:30 Conservatism and Ambivalence: A Plot Twist

Leonard Newman, Syracuse University

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

11:00 Moral Framing's Role in Ideological prejudice across the Status Spectrum

Russell Steiger, DePaul University; Christine Reyna, DePaul University Across three studies, we examined liberal and conservative differences in targets of prejudice. Conservatives held prejudice towards low-status groups, whereas liberals held prejudice towards high-status groups. In both cases, prejudice appeared to be characterized by perceptions of groups taking more resources than they deserve and being threats to society.

11:15 Political Ideology, Political Correctness, and Attitudes Toward Native American Mascots

Mason Burns, University of Indianapolis; Erica Granz, University of Indianapolis; Kipling Williams, Purdue University; Alexandria Hamilton, University of Indianapolis; Alexandria Gilley, University of Indianapolis Across 2 studies and 2 experiments, we investigated attitudes toward retiring/retaining Native American mascots. Opposition to changing Native mascots was predicted by opposition to political correctness (PC), and

reactions to mascot changes were predicted more by the reason for the change (i.e., to be PC) than the change itself.

11:30 Political Threat, Ideology, and Conspiracy Endorsement

Ingrid Haas, University of Nebraska-Lincoln; Stephen Schneider, University of Illinois Urbana-Champaign

We examine how political ideology is linked to endorsement of conspiracy beliefs about politics. In a series of studies using both quasi-experimental and experimental designs, we find that both threat and ideology predict conspiracy endorsement, and that endorsement of conspiracy theories shifts over time as a function of election outcomes.

11:45 Whites Identity × Social Dominance Orientation = Far-Right Extremism

(Max) Hui Bai, University of Minnesota

Evidence from five studies (total White N=7,209) shows that White American's racial identity centrality is related to self-reported levels of farright extremism, and SDO can moderate the relationship between White identity and extremism such that the association is stronger for Whites with a higher level of SDO.

The Self

Fri 10:30AM - 12:20PM

On Demand 04

10:30 The Sociometer Takes Every Kind of Fuel

Elaine Paravati Harrigan, Hamilton College; Esha Naidu, State University of New York at Buffalo; Shira Gabriel, SUNY Buffalo

This work introduced a new visual measure for social need fulfillment called the "Social Fuel Tank." We found evidence that the need to belong is flexible and able to be satisfied by a variety of social behaviors, including both traditional (e.g. friendships) and nontraditional (e.g. social surrogates) strategies.

10:45 Yoga Boosts Self-Enhancement Instead of Quieting the Ego

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

People often claim that yoga 'quiets the ego,' but Gebauer et al. (2018) found that yoga increases self-enhancement and self-centrality. In a preregistered direct replication using a Canadian rather than a German sample, we

replicated Gebauer et al.'s findings that the yoga increases self-enhancement bias.

11:00 Reconsidering socioeconomic and sociometric status in light of hierometer theory

Nikhila Mahadevan, University of Essex; Aiden Gregg, University of Southampton; Constantine Sedikides, University of Southampton Three studies (*N*=935) compared the effects of two types of status, *socioeconomic* (SES; education, income, occupation) and *sociometric* (SMS; respect, admiration, importance), on self-esteem. SMS predicted self-esteem more strongly than SES, and also mediated its effects, suggesting it is a more potent and proximate predictor of self-esteem than SES.

11:15 Core Worth Beliefs Promote Openness to Counterattidinal Information.

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

11:30 Regulation of Self-love

Kruti Surti, University of Missouri-St.Louis; Sandra J.E. Langeslag, University of Missouri-St.Louis

How can self-love be increased? This study shows that reading statements that encourage self-compassion, self-efficacy, and positive reappraisal of the self-increases self-love and makes people feel more positive. These results have important clinical and everyday life implications.

11:45 Who Are You at Your Roots? True Self and Stability

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



Professional Development: Supporting Student Research At Teaching-Intensive Universities

Fri 10:30AM - 12:20PM

On Demand 06

10:30 Supporting student research at teaching-intensive universities Jordan Waldron, University of Indianapolis; MJ Loria, University of Indianapolis

Generating strategies for engaging undergraduates in research is important so that students have access to quality experiences. This presentation will discuss different strategies for effectively incorporating students into research at teaching-intensive universities, including strategies specific to the COVID-19 pandemic.



Social Psychology Engaging with the Legal System: Current Directions

Fri 12:30PM – 1:45PM

Live Room 02

The modern field of law and psychology recently marked its 50th anniversary (Grisso & Brodsky, 2018). Classic work in this area tackled issues such as jury decision-making, eyewitness evidence, interrogation, and false confessions. This symposium engages with current research at the intersection of law and social psychology that is not only outside the traditional topic areas studied, but also involves processes that occur outside of the courtroom. Importantly, these areas of intersection include both criminal justice and civil justice concerns. We first consider the criminal justice system by examining factors that influence plea bargain decision-making in criminal cases. The second presentation will present findings on victims' willingness to engage in the restorative justice mechanism of victim-offender mediation. The symposium also considers the impact of ecology and culture on the public's punishment attitudes. The final presentation examines models for better understanding variability in preferences for collaborative

dispute resolution process features in civil cases. Each of these presentations highlights the importance of using psychology and empirical methods to better understand the implications of the legal system for the people it serves.

What's in a Plea?: An Experimental Paradigm to Understand Prosecutor Discretion

Casey N. Tisdale, University of Nebraska – Lincoln, Ashley M. Votruba, University of Nebraska – Lincoln

Exploring the Role of Attribution in Victims' Willingness to Participate in Victim-Offender Mediation

Logen Bartz, University of Nebraska – Lincoln, Jeannine Alana Bertin, New York University & Ashley M. Votruba, University of Nebraska – Lincoln

The Impact of Ecology on Punishment Attitudes

Abigail L. Herzfeld, University of Nebraska – Lincoln, Ashley M. Votruba, University of Nebraska – Lincoln

Preferences for collaborative conflict resolution Features: Outcome motivations drive preferences

Ashley M. Votruba, University of Nebraska – Lincoln, Abigail L. Herzfeld, University of Nebraska – Lincoln, Jared S. Noetzel, University of Nebraska – Lincoln



Professional Development: Office Hours with an NSF Program Officer

Fri 1:00PM - 2:30PM

On Demand 02

1:00 Office Hours with an NSF Program Officer

Bonnie A. Green, East Stroudsburg University

Have questions about an idea for a grant proposal? Unsure of the differences between broader impacts and intellectual merit? Want to get clarifications on a specific NSF solicitation? Have questions from one of the earlier sessions on Writing NSF grant proposals or finding funding opportunities at NSF? Join in this Open Office Hour and have your questions answered by an NSF Program Officer.



Clinical & Developmental: Poster Session I

Fri 1:00PM - 2:50PM

Poster Room

1 Video Gaming and Alcohol Use in College Students

Rebecca Gilbertson, University of Minnesota -- Duluth; Ryan St.Clair, University of Minnesota Duluth; Dustyn Leff, University of Minnesota Duluth; Mariah Ravet, University of Minnesota-Duluth Gaming and alcohol characteristics were assessed with quantity and frequency measures. 16.66% met criteria for IGD, 27.4% for binge gaming, 58.2% for binge drinking, and 14.12% met criteria for both binge types. Regarding symptomology, binge gamers showed higher IGD scores (*p* < .001).

2 Self-Esteem and Binge Drinking

Tiffany Bainter, Western Illinois University

A phenomenological design was used to explore the relationship between self-esteem and binge drinking. A sample of 17 college students answered interview questions electronically. Results indicate the conclusion that the young adults were consciously aware that their low levels of self-esteem led them to binge drink.

3 Problematic Gaming Behavior, Attentional Bias, and Sleep

Hannah Pannell, University of Minnesota Duluth; Ashley Baumann, University of Minnesota Duluth; Rebecca Gilbertson, University of Minnesota -- Duluth

Problematic Gaming Behavior, Attentional Bias and Sleep. Ashley M. Baumann, Hannah V. Pannell, Dustyn J. Leff, Rebecca J. Gilbertson, University of Minnesota Duluth; panne033@d.umn.edu. This study assessed attentional bias to gaming versus neutral images using ocular imaging. Participants completed measures of gaming symptoms and sleep quality and quantity. Preliminary results

4 Characterizing Sign Tracking Behavior of Female Japanese Quail (Coturnix Japonica)

Mia Radevski, University of Kentucky; Kena Wilson, Slippery Rock

University of Pennsylvania; Caitlin Thompson, Slippery Rock University of Pennsylvania; Beth Ann Rice, Slippery Rock University Substance use disorders are known to coexist with chronic relapse. Relapselike behaviors have been measured in animals using the Pavlovian conditioned approach (PCA) model. The results from this study are the first to show sign tracking behavior in a female, predominately visual, avian species, using a model similar to rodents.

5 The Mediating Effect of Psychopathy on the Relationship Between Substance Use and Violent Charges

Samuel Vincent, Rosalind Franklin University of Medicine and Science This study looked to examine the relationship between psychopathy, substance use, and violent offending in a large sample of incarcerated men. Psychopathy was found to mediate the relationship between alcohol, cannabis, cocaine, and opioid dependence symptoms with violent charges.

6 Exploratory Linguistic Analysis of Written Drug Experiences: Methamphetamine vs. MDMA

Erin Gandelman, Rosalind Franklin University of Medicine and Science; Marianne Chirica, Rosalind Franklin University of Medicine and Science; Steven A. Miller, Rosalind Franklin University of Medicine and Science Methamphetamine and MDMA are psychostimulant substances with shared and distinct pharmacological effects. Retrospectively written Methamphetamine and MDMA experiences were analyzed to examine how language patterns may further distinguish effects of these substances. MDMA individuals used significantly more positive emotion, anxiety, and friend words. Methamphetamine individuals used significantly more anger words.

7 Sex Hormones and Chromosomes Influence Alcohol Drinking Following Deprivation

Lindsay Rasizer, Miami University; Natalie Cavalco, Miami University; Asa Jaymes, Miami University; Noah Ostlie, Miami University; Elizabeth Sneddon-Yepez, Miami University; Anna Radke, Miami University Women with alcohol use disorder generally drink more than men and are more sensitive to relapse. We used transgenic mice to investigate the contributions of sex hormones and chromosomes to ethanol drinking. Both gonadal hormones and chromosomes contribute to females' increased consumption while only female chromosomes contribute to increased preference.

8 Relationship Between Public Stigma and Genetic Explanations of Depression and Alcohol Use Disorder

Emma Stevens, University of Indianapolis; Jordan Waldron, University of Indianapolis

Genetic explanations for mental health issues have been shown to reduce blame toward individuals while increasing other stigmatizing attitudes, prognostic pessimism, perceptions of dangerousness, and desire for social distance. This study addressed these beliefs through a between-group experiment of how genetic explanations differentially impact depression and AUD-related stigma.

9 D2 Receptor Antagonism Affects Cocaine-Induced Behavioral Sensitization in Japanese Quail

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

10 Do Elaborations of Desire States Influence Caffeine Vs. Food Cravings?

Kelechi Uzoegwu, Miami University; Rachel Geyer, Miami University; Sarah Adut, Miami University; Annika Goldman, Miami University; Robert Fite, Miami University; Elise Clerkin, Miami University; Joshua Magee, Miami University

Malleability of ambiguous desire states was investigated by testing the effects of food, caffeine, and vacation elaborations and no elaboration on self-reported food/caffeine cravings. Caffeine and food elaborations led to higher caffeine and food cravings, respectively. Elaborations impacted caffeine/food cravings without affecting secondary measures tied to substance use behaviors.

11 Comparison of the PAI and CAPQ in Examining Construct Validity

Tiffany Grezmak, Cleveland State University; Chloe Huston, Cleveland State University; Samuel Rodman, Cleveland State University; Kaylee Logar, Cleveland State University; Amir Poreh, Cleveland State University
This study examines the preliminary construct validity of the CAP-Q by correlating it with the PAI. Scales measuring similar constructs were found to correlate showing convergent and discriminant validity. This study

suggests this brief alternative may be a valid measure to be used in place of lengthier existing measures of personality.

12 Illicit, Prescription, and Over-the-Counter Substance Use in Undergraduates

Tiffany Bainter, Western Illinois University; Melanie Hetzel-Riggin, Penn State Erie, the Behrend College

Results indicate that age impacts alcohol use; nicotine appears to be a gateway for other substances except for alcohol; many individuals utilize sleep medications and college students potentially use substances in combinations that could be detrimental to their safety. Additionally, therapy is associated with less dangerous use of substance.

13 A Diathesis-Stress Model Predicting Student Depression and Anxiety Symptoms

Namah Vyakarnam, Illinois State University; Margaret Nauta, Illinois State University

We used online survey data to test diathesis-stress conceptualizations of depression and anxiety symptomology among college students. Big Five personality traits were diatheses, and academic stress was a hypothesized exacerbator. Hierarchical regression analyses revealed that neuroticism and (low) extraversion may serve as vulnerabilities, particularly under conditions of high academic stress.

14 A Sporting Chance at Mental Health

Alexis Guyton, Missouri Western State University; Jordan Jennings, Missouri Western State University; Sydnie Whitaker, Missouri Western State University; Taylor Chance, Missouri Western State University; Jon Mandracchia, Missouri Western State University

In the present study, college student athletes and non-athletes completed online measures of stress, depression, interpersonal hopelessness, and suicide ideation and behaviors. Student athletes endorsed statistically significantly lower levels on all four measures, indicating potential mental health benefits related to their student athlete status.

15 A Personalized Framework for Veterans Recovering from Substance Use Disorders

Rebecca Nguyen, DePaul University; Simone Parkas, Depaul University; Mayra Guerrero, DePaul University; Leonard Jason, DePaul University The current study qualitatively explored a recovery framework for veterans recovering from substance use disorder. Themes and subthemes indicate

unique resources and difficulties for the veteran population during recovery. Future studies and implications for better supporting veterans in the recovery process are addressed.

16 Association Between Body Image, Self-Esteem, Perfectionism, and Disordered eating

Elyse Naples, Miami University; Callie Zeifang, Miami University; Katherine McCracken, Miami University; Emma Moughan, Miami University; Shruti Kinkel-Ram, Miami University; April Smith, Miami University

The purpose of this study was to explore if low body satisfaction and low self-esteem conjointly and independently are risk factors for intentions to engage in future ED behaviors, in a symptomatic sample of college-aged women. Low body satisfaction and self-esteem predicted ED behavior intentions, both conjointly and independently.

17 Association Between Maturity Fears, Trait Anxiety and Eating Disorder Symptoms

Emma Moughan, Miami University; Katherine McCracken, Miami University; Callie Zeifang, Miami University; Elyse Naples, Miami University; Shruti Kinkel-Ram, Miami University; April Smith, Miami University

We hypothesized that maturity fears and trait anxiety at one time point would conjointly and independently lead to

increased eating disorder symptoms a week later in college-aged women. Our results provided support for maturity fears and trait anxiety jointly predicting eating disorder symptoms.

18 Differential Diagnosis of ADHD Using the CTMT

Dustin Shepler, Michigan School of Psychology; Doug Callan, Michigan School of Psychology; Kylee Kowalski, Michigan School of Psychology; Dylan Oseas, Michigan School of Psychology; Michelle Justice, Michigan School of Professional Psychology

Using data from patient files, we examined the diagnostic utility of the Comprehensive Trail Making Test (CTMT) in differentiating between patients with ADHD and patients with other psychiatric diagnoses. Results indicated those with ADHD scored significantly lower on all five CTMT trails compared to the comparison group.

19 Social Distance Preferences toward a College Student Requesting Accommodations

Chloe Reeble, University of Northern Iowa; Dominique Kornely, University

of Northern Iowa; Nicholas Clark, University of Northern Iowa; Peyton Barton, University of Northern Iowa

We examined gender differences in social proximity ratings toward peers requesting accommodations for ADHD versus college athletics. No significant gender differences were found, however when combined, results suggest a trend that peers preferred to be more socially close with the basketball player compared to the peer with ADHD.

20 Mediators of the Relationship Between Social Anxiety and Evaluation

Emilee Kruchten, Eastern Illinois University; Wesley Allan, Eastern Illinois University

Few studies have examined possible mediators of the relationships of FNE and FPE to social anxiety; thus, this study examines depression, social comparison, and FoMO as potential mediators. Only, depression partially mediated the relationship between FPE and social anxiety; no other variables were identified as mediators.

21 Anxiety Changes from Emotional and Unemotional Mass Shooting Media Reports

Colin O'Brien, Oakland University; Kolton Smith, Oakland University; Kanako Taku, Oakland University

Emotional media tends to elicit more changes in anxiety than unemotional media. Participants' (N=315) state anxiety was compared before and after reading either emotional or unemotional information related to mass shootings. Results suggest that unemotional information may be optimal when attempting to educate the public on mass shootings.

22 Prevalence of Academic Accommodations for Postsecondary Students with Disabilities

Tema Cohen, Denison University; Sullivan Ray, Denison University; Cassidy Audette, Denison University; Robert Weis, Denison University
Contrary to expectations, students attending America's most selective and expensive private colleges have the greatest access to academic accommodations and supports. Results suggest that less selective, 2-year colleges should be more proactive in identifying and accommodating students with disabilities, whereas private colleges should be more judicious in their accommodation-granting.

23 A Mindfulness Intervention to Cope with COVID-19-Related Stress and Anxiety

Sullivan Ray, Denison University; Tema Cohen, Denison University; Robert

Weis, Denison University

Students were randomly assigned to either a four-week mindfulness-based intervention program or waitlist at the beginning of Spring semester 2020, before the onset of COVID-19. After treatment and during the height of the COVID-19 crisis on campus, participants in the mindfulness intervention reported significantly less stress and anxiety than controls.

24 Examining Mental Healthcare Utilization in Adolescents prescribed Medication for Mood

Kaitlin Tuinstra, Michigan School of Psychology; Sierra Gillis, Michigan School of Psychology; Nadeen Majeed, Michigan School of Psychology; Kevin Johnson, Michigan School of Psychology

This study examines the youth mental healthcare utilization in adolescents prescribed medications for mood. Significant findings have implications for clinical practice to better understand the need for collaborative management between medical and nonmedical clinicians. Medications can make important contributions; however successful management also includes psychosocial interventions and psychoeducation. Directions for

25 Impact of a therapist's language in computer-mediated communication

Robert Twidwell, Marquette University; Lance Hahn, Western Kentucky University

This study examined how therapists' text-message language (jargon, layman, and text speak) influenced individuals' perception of therapists. Participants found therapists using layman more likeable than when using jargon. Participants also found therapists using text speak less likeable, less expert, and less trustworthy compared to using jargon or layman.

26 Systematic Review of People with Mental Illness in Community-Based Participatory Research

Ashwini Deshpande, University of Illinois at Chicago; Lindsay Sheehan, Illinois Institute of Technology; Katherine Nieweglowski, Illinois Institute of Technology

Community-based participatory research (CBPR) represents a seminal shift in research on mental illness as it brings community members to the forefront of each phase of the process. This systematic review examined study characteristics, structure and team logistics, and level of involvement of people with lived experience in CBPR studies.

27 Impact of COVID-19 on Caregivers Receiving a Telemental Health Intervention

Riley Felicicchia, Purdue University; Meredith Bucher, Purdue University; Dan Foti, Purdue University; Kelly LeMaire, Purdue University; Bridgette Kelleher, Purdue University

This study examines how specific COVID-19 variables affect changes in parenting stress over time in an ongoing trial of Acceptance and Commitment Therapy in caregivers of children with Angelman syndrome. Our results may inform treatment barriers during COVID-19 and future public health crises.

28 Clinical Psychology Trainee Perspectives on COVID-19: Challenges and Opportunities

Ashley Harrison, Southern Illinois University Carbondale; Frederick Siglar, Southern Illinois University Carbondale; Austin Gordon, Southern Illinois University; Zsofia Imre, Southern Illinois University at Carbondale; Kayla Shane, Southern Illinois University Carbondale; Monica Kruse, Southern Illinois University Carbondale; Lauren Bandel, Southern Illinois University Carbondale; Karla K. Fehr, Southern Illinois University Carbondale
The perspective of trainees in a clinical psychology doctoral program during COVID-19 are provided. Challenges with transitioning to telehealth and professional growth opportunities during the pandemic are reviewed. Implications, future training opportunities within programs, and how programs could capitalize on the positive outcomes of the current circumstances are discussed.

29 Mental Health Screening and Risk for Juvenile Recidivism

Josh Begg, Bowling Green State University; Harrison Angoff, Bowling Green State University; Carolyn Tompsett, Bowling Green State University
This study used subscales of the Child and Adolescent Needs Assessment to predict type of offense committed by 149 youth assessed by a juvenile justice center. Oppositional behavior predicted recidivism, while other subscales did not. Type of offense was not associated with specific subscales.

30 Negative Psychological Correlates and Eating Pathology in Caregivers Before/During COVID-19

Wesley Barnhart, Bowling Green State University; Amy Jordan, Missouri State University; Emma Studer-Perez, Bowling Green State University; Lindsay Hamilton, 1990; Maria Kalantzis, North Central College; Dara Musher-Eizenman, Bowling Green State University Stress and concern about weight gain before and during COVID-19 are important, negative psychological correlates related to worsened disordered

eating and emotional eating outcomes among caregivers. Interventions targeting the reduction of stress and concern about weight gain may prove useful in reducing emotional eating in response to depression and boredom.

31 University health course impact on psychological readiness towards physical activity

Kensei Maeda, North Park University; Kezia Shirkey, North Park University University students enrolled in health courses completed pre- and post-tests measuring cardiorespiratory fitness and readiness to engage in exercise. Analyses reveal significant improvements in both measures across time and correlations between the two measures. These findings provide evidence of the effectiveness of such courses and their benefits to student health.

32 "Fighting" Cancer: War Metaphors and Perceptions of Cancer Patients

Kelsey Green, University of Indianapolis; Mason Burns, University of Indianapolis; Cassidy Gunthorp, University of Indianapolis
We explored participants' perceptions of a cancer patient's treatment across three metaphor framings (*War, non-War,* and no metaphor). Contrary to expectations, cancer treatment framed with *War* metaphors (e.g., "fighting" cancer) increased perceptions of the patient's strength and, in turn, decreased perceptions of patient culpability for their cancer diagnosis and treatment.

33 Negative Cognition Predicts Social Physique Anxiety in College Students

Sara Johnson, Missouri State University

The relationship between negative cognitions and social physique anxiety is not well documented. Negative cognitions predicted social physique anxiety in a sample of college students (*N*=385). Specifically, increased perceived barriers to exercise and negative automatic statements about oneself were associated with higher reports of social physique anxiety.

34 Acetaminophen Eliminates Autonomic Flexibility for People Low in Rejection Sensitivity

Yixin Yang, Ohio University; Mischkowski Dominik, Ohio University Consuming acetaminophen has negative psychosocial side-effects. However, the mechanisms underlying these side-effects remain poorly understood. By showing that acetaminophen effectively erases increased autonomic flexibility during a group session with strangers for people with low rejection sensitivity, this study suggests a new physiological pathway through which acetaminophen may change emotional reactivity.

35 Pro-Environmental Attitudes are Associated with Personal Well-being Madison Schony, Ohio University; Mischkowski Dominik, Ohio University; Kameko Halfmann, University of Wisconsin - Platteville It remains unclear how environmentalism is related to wellbeing. In two studies, mTurk respondents' (N=128) and students' (N=111) environmental attitudes correlated positively with individual well-being, r(228)=.140, p=.035. This finding suggests that a positive attitude towards environmentalism may have benefits for psychological health, though causality in this association needs further investigation.

36 Quality of Life, Anxiety, and SES in Pediatric Food Allergy

Ashley Lahoud, Kent State University; Sydney Biscarri Clark, Kent State University; Emily Wilton, Kent State University; Theresa Gladstone, Kent State University; Christopher Flessner, Kent State University Increased anxiety and diminished Quality of Life (QoL) have been independently linked to pediatric FA. The relationship between them, and the role of SES, is unclear. An online survey was administered to parents of children 3-12 years with a FA (n=164). Anxiety predicted QoL. SES failed to moderate this relationship.

37 Message Framing, Behavioral Function, and the Role of Future Orientation

Karigan Capps, Kent State University; John Updegraff, Kent State University The influence of temporal orientation and a health behavior's prevention or detection function on message framing effects was analyzed. Results suggest that future-oriented individuals respond better to a detection behavior; present-oriented individuals respond better to a prevention behavior. Findings suggest temporal orientation shapes people's preferences for prevention and detection behaviors.

Urvashi Dixit, University of Minnesota Duluth; Hannah Lewis, University of Minnesota Duluth; Elaine Marshall, University of Minnesota Duluth; Alex Robran, University of Minnesota Duluth; Hailey Ellingson, University of Minnesota Duluth; Jenna Murphy, University of Minnesota Duluth; Emily Jansen, University of Minnesota Duluth; Emily Rechtzigel, University of Minnesota Duluth; Erika Damsgard, University of Minnesota Duluth; Lara LaCaille, University of

38 Eating Regulation Within the Context of Self-Determination Theory

This study experimentally tested the impact of relatedness support and thwarting on eating regulation. Manipulation involved connecting, rejecting,

Minnesota Duluth; Rick LaCaille, University of Minnesota Duluth

or neutral interactions with participants. Amount of chocolate consumed, affective states, and motivation were measured. Individuals were more likely to experience dysregulated eating and ill being when they experienced relatedness need thwarting.

39 Agency, not sexual script deviation, predicts sexual satisfaction and anxiety.

Andrea Rawat, Michigan School of Psychology; Dustin Shepler, Michigan School of Psychology

It was hypothesized that deviations from sexual scripts would negatively relate to sexual satisfaction and positively relate to sexual anxiety, however this was not observed. Consistent with past research, significant correlations were observed among sexual satisfaction, sexual anxiety, and sexual agency. Implications for psychotherapy and future research are discussed.

40 Social support, loneliness, and COVID-19 stress among college students

Drexler James, Denison University; Blake Glatley, Denison University; Yi Jiang, Denison University; Elisa Flores, Denison University; Gabriela Rodriguez, Denison University; Susan Kennedy, Denison University This study investigated the independent and interactive effects of loneliness and social support on COVID-19 stress among college students. Against hypotheses, results show no relationship between either social support or loneliness and COVID-19 stress. Results also show no support of an interaction between loneliness and social support on COVID-19 stress.

41 Predictors of Covid-19 Related Health Behaviors of U.S. College Students

Suejung Han, Illinois State University; Nicholas Shilney, Illinois State University; Emily Aument, Illinois State University; Taylor Leach, Illinois State University; Patrick Linebrink, Illinois State University; Emily McLaughlin, Illinois State University

This study examined health beliefs, regulatory motivations, and frustrated psychological needs as predictors for adherence to covid-19 related safety measures among U.S. college students. Results showed that subjective norms (i.e., perception of others' expectations), identified regulation (i.e., identifying with the value), and frustrated need for autonomy (negative prediction) contributed significantly.

42 Prolonged Distress in Residents Exposed to the Flint Water Crisis Lindsey Hieber, University of Wisconsin-Milwaukee; Thomas A. Wrobel,

University of Michigan, Flint; Raymond Fleming, University of Wisconsin-Milwaukee

This study investigated the prolonged effects of the Flint Water Crisis. The data has shown that Flint residents have had consistently elevated levels of stress, anxiety, and depression compared to non-residents. Results indicate that a mental health intervention may be needed due to prolonged elevated emotional levels of residents.

43 Social Media Use, Physical Activity, and Mental Health during COVID-19

Hannah Appleseth, University of Minnesota Duluth; Hannah Lewis, University of Minnesota Duluth; Emily Rechtzigel, University of Minnesota Duluth; Lara LaCaille, University of Minnesota Duluth; Rick LaCaille, University of Minnesota Duluth

University freshmen participating in a longitudinal study noted increased social media use and decreased physical activity throughout the year. Social media and screen-time activities significantly increased during COVID-19 restrictions and were associated with distress.

44 The Effects of Hippotherapy and Children on the Autism Spectrum Jennifer Riccobono, The Michigan School of Psychology

This literature review explores the benefits of hippotherapy for children on the autism spectrum. The studies collected data about the effects on behavior, communication, and social skills. The data displayed positive results as to how hippotherapy is beneficial for the children and incorporates suggestions for further study.

45 Mediating Physical Symptoms and Health Perception with Sense of Coherence

Jason Brooks, University of Illinois at Chicago; Mitsuru Shimizu, Southern Illinois University Edwardsville

How do individuals perceive their own health in the face of illness? The psychological resistance factor Sense of Coherence (SOC) mediated the relationship between the number of physical symptoms of illness and health perception. SOC may have valuable healthcare applications as a clinical measurement tool.

46 Graduate Student Wellbeing in the Midst of a Pandemic

Hannah Appleseth, University of Minnesota Duluth; Lara LaCaille, University of Minnesota Duluth; Rick LaCaille, University of Minnesota Duluth

Cross-sectional data from three cohorts of graduate students suggests there are relatively elevated rates of anxiety and depressive symptoms in this population both prior to starting and during their graduate education.

47 Felt Energy May Mediate the Restricted and Binge eating Link

Suejung Han, Illinois State University; Nicholas Shilney, Illinois State University

Based on the dual pathways model of binge eating and resource depletion model, this study examined whether low felt energy mediated the association between restricted eating and binge eating. A path analysis revealed significant path coefficients in the expected direction, but the indirect effect of felt energy was not significant.

48 Parental mental health and retrospective food parenting practices

Lauren Dial, Bowling Green State University; Mercedes Pratt, Bowling Green State University; Aniko Viktoria Varga, Bowling Green State University; Emma Studer-Perez, Bowling Green State University; Wesley Barnhart, Bowling Green State University; Dara Musher-Eizenman, Bowling Green State University

This study examined how parent mental health factors (i.e., anxiety, stress, depression) are associated with the use of specific food parenting practices. Mental health and food parenting practices were related, such that greater current parental anxiety and stress was related to greater use of coercive and structured food parenting practices.

49 Does Experience of Choking in Performance Differ in Various Circumstances?

Keersten Richards, Lindenwood University; Sara Bagley, Lindenwood University

This study was done to see if choking (sudden drop in performance), personality, and anxiety are different in various circumstances. We found that athletes and non-athletes did not vary in their experience of having choked or personality. For almost all competitors/performers, the experience of choking came with more anxiety.

50 Caregivers of Youth with Intellectual/Developmental Disabilities: Family Quality of Life

Jenna Ausloos-Lozano, Illinois Institute of Technology; Melissa Ivins-Lukse, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

Caregiver burden negatively impacts family quality of life for caregivers of

transition-age youth with intellectual and developmental disabilities. However, burden's influence may be less important after accounting for social support and parenting sense of competence. Increasing these protective factors could buffer family quality of life from the effects of burden.

51 Perceptions of Danger in 2020: Covid-19

Kerri Bradley-Ronne, The Chicago School of Professional Psychology; Reeyann Altaher, Chicago School of Professional Psychology; Alexandra Hamas, Chicago School of Professional Psychology; Maureen Maher,, Chicago School of Professional Psychology; Brian Ramanauskas, Chicago School of Professional Psychology; Ashley R VanBuren, Chicago School of Professional Psychology; Maren Panzirer, Chicago School of Professional Psychology

Results of an online survey show significant increases in stress in 2020, primarily related to the presidential election, Covid-19, and resulting economic and employment strain. Attitudes about the pandemic were related to rural versus urban location, political affiliation and income. Fewer than 5% of respondents were unconcerned about the pandemic.

52 Stress and Coping among Pregnant Latinx Mothers during COVID-19

Lisa Edwards, Marquette University; Ashley Faytol, Marquette University; Mackenzie Goertz, Marquette University; Kat McConnell, Marquette University; Karina Loyo, Marquette University; Ian Turnbow, Marquette University; Jessica Camarillo, Marquette University; Olivia Kudick, Marquette University

The current study was designed to explore the well-being of pregnant Latinx mothers during COVID-19. Findings suggest that this sample of mothers was experiencing high levels of depressive symptoms and numerous stressors related to worrying about the health of their baby and financial concerns.

53 The Effects of Stress on Physical Activity in Undergraduate Women Madeline Curzon, DePaul University; Dee Bekelja, DePaul University; Jocelyn Carter, DePaul University

This study evaluates the relationship between stress and physical activity (PA) among undergraduate women. Self-reported stress is significantly correlated with time spent doing moderate PA. Additional analyses will look at childhood bullying, body image, and BMI. to understand the relationship between stress and PA among young women in high-stress environments.

54 Relationships Between Math Attitudes and Anxiety Among Middle School Students

Sabah Munir, Emory University

The role of gender on math attitudes and anxiety among middle school students was examined. Independent t-tests showed more positive teacher experiences for males than females, and negative Pearson correlations existed between several attitudes categories and anxiety, especially when stratified by gender. Future analyses can examine these patterns by age.

55 Stress and Development of Internalizing Symptoms Among Low-Income, Urban Adolescents

Alexander O'Donnell, DePaul University; Imani Todd, DePaul University; Caitlin Cooley, DePaul University; Corbin Heath, DePaul University; Grace Hayes, DePaul University; Brandon Isler, DePaul University; Kathryn Grant, DePaul University

This study aimed to address a gap in research among adolescents living in urban poverty, which lacks longitudinal models of processes involved in the relationship between stress and internalizing symptoms. Our sample demonstrated patterns of maladaptive coping and trajectories of psychopathology supported by previous research with this population.

56 Stigma and Hazardous Drinking Among Bisexual Women with Sexual Victimization

Seth Wilensky (He/Him/His), Miami University; Selime Salim, Miami University; Terri Messman-Moore, Miami University
We examined factors associated with increased hazardous drinking among bisexual women who experienced sexual victimization. Results indicate anti-bisexual stigma from lesbian and gay individuals and, subsequently, internalized binegativity, mediate the relation between community connectedness and hazardous drinking.

57 Household Dysfunction, Abuse, and Neglect: Predictors of Depression and Anxiety

Elli Cole, Ball State University; Anjolii Diaz, Ball State University This research examined childhood household dysfunction, neglect, and abuse as predictors of anxious arousal, anhedonic depression, and distress in adults. Results suggest that neglect and household dysfunction significantly predicted distress. Only abuse was a significant predictor of anxiety, and none of the adverse childhood experiences predicted anhedonic depression.

58 Mindfulness, Self-compassion, and Emotion Regulation: Mediators of Maltreatment and Wellbeing

Kelsey Julian, University of Dayton; Lucy Allbaugh, University of Dayton; Alicia Selvey, University of Dayton; Catherine Lutz-Zois, University of Dayton

Among survivors of childhood maltreatment, trait mindfulness and self-compassion are linked to increased wellbeing. Emotion regulation may explain this link. Serial mediation models indicated that trait mindfulness and self-compassion, and subsequent emotion regulation, mediated this relationship. Individual facets of these scales also significantly mediated this pathway. Clinical implications are discussed.

59 Adolescent Perceptions of a Tier 2 Trauma-Informed Program

Caitlyn Jezowit, Illinois State University; Adena Meyers, Illinois State University

A mix-method approach examined adolescent perceptions of a traumainformed program. Adolescents identified three components of the program that impacted their lives: relationships with others, helped them acquire skills and provided emotional and tangible rewards. Participants liked the activities of the program and learned the key concepts of each lesson.

60 Feeling Excluded? The Effect of Cognitive Tasks on Coping

Youlim Kim, Depaul University; Ralph Erber, DePaul University This study examines how cognitively taxing activities attenuate the effects of social exclusion because they prevent rumination. Participants were randomly assigned to inclusion, exclusion, or neutral condition and solved either anagram or math problems. Results suggest that doing a cognitive task can buffer the threats stemming from social exclusion.

61 Latino Children's Responses to Family Cultural Conflict Stress

Emily Miller, Loyola University Chicago; Adrian Medina, Loyola University Chicago; Hadia Zarzour, Loyola University Chicago; Sarah Jolie, Loyola University Chicago; Catherine Santiago, Loyola University Chicago The present study explores how family cultural conflict may predict Latino children's coping strategies and stress responses over time among immigrant families. Results demonstrated that family cultural conflict significantly predicted the use of disengagement coping, involuntary engagement, and involuntary disengagement among children.

62 Online Socioemotional Coping Predicts Trauma Symptoms in Female Assault Survivors

Melissa Miller, Northern Arizona University; Anna Cole, University of Nevada, Reno; Kinsey Kavanagh, Northern Arizona University; Raumilya Smith, Northern Arizona University; Laura Noll, Northern Arizona University

An online survey of 75 undergraduate women with a history of sexual trauma revealed that the use of Internet-based socioemotional coping strategies was a significant predictor of trauma symptoms, however neither disengagement coping nor problem-focused coping were significant predictors.

63 How to Incorporate Trauma-Oriented Care in Daily PracticeCourtney Kibble, Governors State University; Mary McClure, Governors State University

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

64 Peer Support Services for People Living with Mental Health Challenges

Sang Qin, Illinois Institute of Technology; Sonya Ballentine, Illinois Institute of Technology; Malia Vallender, Illinois Institute of Technology; Patrick Corrigan, Illinois Institute of Technology

Health disparities persist with consequences on people with serious mental illness and the effects on racial minorities or those of low socioeconomic status are amplified. As a means of enhancing health services and care engagement for these individuals, the benefits and implementation of peer support services will be discussed.



Developmental Cognition

Fri 1:00PM - 2:50PM

On Demand 05

1:00 Sensorimotor development in a social world

Drew Abney, University of Georgia

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

1:35 Toddlers' exploration of touch-screen images, photographs, and objects

Sara Wyss, Missouri Western State University; Kaitlynn Rhinehart, Missouri Western State University; Christine Ziemer, Missouri Western State University

Today's toddlers encounter touch-screen technology at a much higher rate than previous generations. Exploratory behaviors exhibited by 15-18-month-old toddlers towards photographs, objects, and touch-screen images were compared in order to understand how toddlers treat screen images as compared to other 2D and 3D stimuli.

1:55 Children's thinking about digital voice-assistants

Lauren Girouard, University of Louisville; Judith Danovitch, University of Louisville

Children increasingly interact with digital voice-assistants like Amazon's Alexa. Two studies explored children's attributions of human-like qualities to voice-assistants and their willingness to trust a novel device's statements. Children's attributions of anthropomorphic qualities to voice-assistants and children's intuitions about the kinds of information voice-assistants can reliably provide change with age.

2:15 Moving Up: Children Recognize and Intervene in Unequal Workplace Hierarchies

Megan Norris, University of Louisville; Nicholaus Noles, University of

Louisville

Do children recognize and choose to rectify unequal social hierarchies? Fourto 9-year-olds were shown unequal workplace hierarchies and were able to make equitable hiring selections in control, gender, and race conditions. Older children chose to promote more minorities than younger children and children privileged majority employees for more powerful positions.

Gender & Identity

Fri 1:00PM - 2:50PM

On Demand 09

1:00 Experimental Research on Microaggressions Toward Transsexuals

Eros DeSouza, Illinois State University; Eric Wesselmann, Illinois State University; Stephanie AuBuchon, Illinois State University
People often experience social exclusion. We hypothesize that microaggression against transgender individuals is a form of social exclusion. Three experimental studies (*N*s = 45, 61, & 90) supported our hypothesis, providing converging evidence that the effects of microaggressions are similar to the effects of social exclusion.

1:15 The Social Psychology of Expansive Masculinity

Miriam Clayton, University of Colorado Boulder; Bernadette Park, University of Colorado Boulder

Expansive masculinity may benefit men and promote gender equality. We tested the novel Embracing Expansive Masculinity Scale and indicated strong reliability and validity. Using the scale we evaluated theoretical links between other psychological factors and expansive masculinity endorsement. These connections may inform intervention to promote well-being and greater gender equity.

1:30 "I am not a feminist, but...": Understanding backlash against feminists

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

1:45 Influence of Gender Identity Measure Constraints on Survey Responding Behavior

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

Undergraduate psychology students, other university members, and Amazon Mechanical Turk workers reported gender identity at the beginning of a questionnaire using one of six formats. The type of gender identity measure did not significantly impact participant affect, attitudes toward the survey and the researcher, or responding behavior.

2:00 Sexual Education and Sexual Minority Status Associated with IPV Victimization

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

2:15 Emotional and Physical Dating Abuse in Heterosexuals and Sexual Minorities

Edward Gorski, Cleveland State University; Liz Goncy, Cleveland State University

Studies have shown a relationship between intimate partner violence and negative mental health, but studies are lacking in comparisons between heterosexuals and sexual minorities. Path analysis and moderation regression determined if sexual minorities endorsed more severe mental health outcomes from abuse victimization. Results partially supported our hypotheses.

2:30 Online Relationship Seeking among Transgender and Gender Diverse Adolescents

Junye Ma, Northwestern University; Aaron Korpak, Northwestern University; Sophia Choukas-Bradley, University of Delaware; Kathryn Macapagal, Northwestern University

This online, mixed-method study examined gender minority adolescents' experiences, questions, and advice of online relationship seeking. 130 teens considered maintaining personal safety, setting expectations, and strategies for online partner-seeking important. Participants also had questions about ways to connect with other LGBTQ+ teens, gender identity disclosure, and relationship management.

2:45 Nonbinary Persons' Perceptions of Cisgender Attitudes Toward Nonbinary Gender

Deborah Miller, Indiana University East; Darionna Walker, Indiana University East

We gathered qualitative data from people who identify as having nonbinary gender identity regarding their perceptions of other people's attitudes as well as their own attitudes toward their gender identity. We report the results of a thematic analysis of their qualitative responses.

Adult Psychopathology

Fri 1:00PM - 2:50PM

On Demand 07

1:00 Interaction Between Callous-unemotional Traits and Situational Influences on Behavior

Jackie Trent, University of Cambridge

While prior research has established that individuals with callousunemotional traits are significantly more likely to engage in antisocial behavior, few studies have examined the decision-making process of these individuals. This study examined how two situational factors, monitoring and provocation, interact with callous-unemotional traits to influence the likelihood of antisocial behavior.

1:15 Provider Perspectives on Determining SMI Treatment Effectiveness

Anne Williams-Wengerd, St. Catherine University/ University of Minnesota; Susan Hawthorne, St. Catherine University; Amy Gunty, University of Minnesota; Alyssa Maples, University of Minnesota
Researchers interviewed 26 mental health professionals about their

Researchers interviewed 26 mental health professionals about their experiences determining treatment effectiveness working with adults diagnosed with serious mental illness (SMI). Providers articulated three predominant themes: the essential nature of the provider-client relationship, provider's navigation of ambiguity, and the importance of provider flexibility and adaptability.

1:30 Attention Disengagement Moderates the Relationship Between BPD and Rumination

Cheyene Horner, Cleveland State University; Ilya Yaroslavsky, Cleveland State University

The current study investigated attentional disengagement's influence on the relationship between BPD and rumination. Results revealed that a higher propensity for those with BPD symptoms to use ruminative strategies when they exhibited slower disengagement times from happy stimuli and faster stimuli from sad stimuli. Clinical implications will be discussed.

1:45 Emotion Regulation Diversity: Vulnerability for Current and Remitted Depression

Alainna Wen, University of Notre Dame; Lira Yoon, University of Maryland, Baltimore County; Leanne Quigley, Yeshiva University; Keith Dobson, University of Calgary

Emotion regulation (ER) diversity was conceptualized as a depression

vulnerability factor and a novel measure for this construct was proposed. Results show that the novel measure better predicted depression status than existing measures of ER and that currently depressed, remitted depressed, and healthy participants had different patterns of ER diversity.

Social Cognition

Fri 1:00PM - 2:50PM

On Demand 01

1:00 Exploring Foundations of Unilateral Loyalty: Morality, Identity, and Disgust

Daniel J. Kruger, University of Michigan, Ann Arbor Three studies explored predictors of beliefs that true group loyalty is unilateral within a set of competitors and reactions of anger and disgust to expressions of mixed loyalty. Psychological mechanisms related to identification, moral judgements, and disgust are partially distinct in facilitating conceptions of group loyalty.

1:15 Self-presentation in Implicit and Explicit Evaluation

Braeden Hall, Southern Illinois University Carbondale; Kathleen Schmidt, Southern Illinois University

The present research explored individual differences in self-presentational concerns as moderators of the relationship between implicit and explicit evaluations. Although self-deception and self-monitoring did not interact with implicit evaluations in predicting explicit evaluations, impression management had a small moderating effect on implicit-explicit relations.

1:30 Grice in the 21st Century: Product Reviews and their Authors

Donald Gaffney, University of Cincinnati; Emma Neybert, University of Cincinnati; Susan Mantel, University of Cincinnati; Frank Kardes, University of Cincinnati

Gricean norms have often been studied in an information processing paradigm (Higgins, 1981; Wyer, 2003). However, little research has examined Gricean norms in the context of the digital world. This experiment investigates Gricean norms in a context in which consumers are familiar, online product reviews.

1:45 Dysfunctional Fandom and Restrictive Emotionality

Tommy Derossett, Saint Louis University; Dan Wann, Murray State University

Roughly 63% of Americans identify as sport fans. Dysfunctional fans, an aggressive subset of sport fans, tend to endorse verbal, physical, and cognitive aggression toward rivals and opponents. The current study sought to investigate the association between dysfunctional fandom, sport fandom, and restrictive emotionality. Results will be discussed.

2:00 Gratitude Buffers Against Boredom by Imbuing Life with Meaning Muireann Kate O'Dea, University of Limerick; Eric Raymond, University of Limerick; Wijnand Van Tilburg, University of Essex

Boredom is an unpleasant emotion that signals a lack of meaning in life; meanwhile gratitude tends to imbue life with meaning. With the support of five studies, we found that gratitude buffers against boredom and suppresses search for meaning, by increasing the perceived presence of meaning in life.

2:15 Event Repeatability Moderates Action-Inaction Effects in Regret Connor Dantzler, Ohio University; Keith Markman, Ohio University

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

2:30 COVID-19 and disgust sensitivity: Worry about pathogen threats Increases disgust sensitivity

Shelby Boggs, The Ohio State University; Benjamin Ruisch, The Ohio State University; Russell Fazio, The Ohio State University
We test the hypothesis that disgust sensitivity is calibrated to individuals' worry about disease threats. Using both cross sectional and longitudinal samples collected before and during the pandemic, we find that disgust sensitivity increased following the outbreak of COVID-19 as a function of worry about contracting COVID-19.

Interpersonal Relationships

Fri 1:00PM - 2:50PM

On Demand 03

1:00 Psychological mechanisms underlying links between close relationships and physical health

Allison Farrell, Miami University

With growing interest in developing relationship interventions to improve physical health, it is critical that we understand the mechanisms explaining relationship-health links. This talk reviews several promising candidates for psychological mechanisms and argues for the use of new methodologies to better test whether these mechanisms are truly causal.

1:30 The Occasional Enjoyment of Having A Secret

Der-Wei Huang, Indiana University Bloomington; Elanor Williams, Washington University in St. Louis

We show that people with a positive (vs. negative) secret experience more positive emotions thinking about it, and although they mind-wander to the secret more, they experience less burden from carrying it, suggesting that not all secrets are bad, and having a secret can sometimes even be enjoyable.

1:45 Validation of the Lay Theories of Close Relationship Measures

Janelle Sherman, Indiana University; Edward Hirt, Indiana University-Bloomington; Julie Longua Peterson, University of New England, Biddeford This study examines the development and validation of 1) a measure of lay theories of relational identity capacity, defined as people's belief about how much closeness can be maintained in their close relationships, and 2) a measure of fear of personal identity loss in relationships.

2:00 When Similarity Based Attraction Leads to the Pursuit of Friendship

Aviva Philipp-Muller, The Ohio State University; Duane T. Wegener, The Ohio State University; Laura Wallace, Ohio State University; Vanessa Sawicki, The Ohio State University; Kathleen Patton, Hanover Research We examined why similarity-based attraction does not always predict affiliative behavior, such as pursuing a friendship. Across 4 studies, we found that attitudes higher in strength related properties (like attitude confidence) predicted an increased relation between affective attraction and willingness to affiliate (representing one route to relationship initiation).

2:15 Important Relations For Emerging Adults In India: A Qualitative Exploration

Pankhuri Aggarwal, Miami University; Vaishali Raval, Miami University The present study examines the different types of interpersonal relations important for emerging adults in India, salient markers of those relations, and the ways in which interpersonal disagreements and conflicts are resolved. The links between interpersonal stressors and depression are explored and implications for the treatment of depression are discussed.

2:30 Bullying Victimization by Race in Southern Illinois: A Follow-Up Study

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

This study evaluated bullying prevalence rates by race for students enrolled in six diverse middle and high schools in Southern Illinois. We replicated preliminary findings from a longitudinal study and observed significant interactions between race, school composition and perceptions of school climate. Implications for evaluating school safety interventions are discussed.

Status & Culture

Fri 1:00PM - 2:50PM

On Demand 04

1:00 Moral Grandstanding: Status Seeking and Interpersonal Conflict

Joshua Grubbs, Bowling Green State University Using data from six studies, including longitudinal data and nationally representative samples, this presentation explores how the innate human

representative samples, this presentation explores how the innate human tendency to seek status may be partially to blame for current issues of conflict and discord in public discourse.

1:30 Perceived Burdensomeness Influences Suicidal Ideation in Asian College Students

Jonathan Tsen, Illinois Institute of Technology; Brian Cerny, Illinois Institute of Technology; Beatrice Meda Gaurean, Illinois Institute of Technology; NamHee Kim, Illinois Institute of Technology; Sean Leahy, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology Asian college students experience unique risks that contribute to suicidal ideation. This study explored how gender, international status, perceived burdensomeness and thwarted belongingness influence suicidal ideation.

Only perceived burdensomeness was found to significantly influence suicidal ideation. Findings suggest interventions/preventions should tailor to the unique subjective burdensomeness within Asian students.

1:45 Distinguishing Conspicuous Consumption Cues of Mating Effort and Paternal Investment

Daniel J. Kruger, University of Michigan, Ann Arbor Men owning luxury products featuring large brand logos were rated higher on mating effort, lower on parental investment, higher on interests in and attractiveness for brief sexual affairs, and lower on interests in and attractiveness for long-term committed romantic relationships, compared to owners of products featuring a smaller logo.



Professional Development: Graduate School Success: Transitioning from R1 to Liberal Arts

Fri 1:00PM - 2:50PM

On Demand 06

1:00 Graduate School Success: Transitioning from R1 to Liberal Arts Nora Nickels, Carthage College

This talk and discussion will focus on the discernment that takes place within graduate school, during the transition to post-graduate work, and in early career positions for psychology researchers moving from R1 to liberal arts environments. Topics will cover strategies for reflection and success as institutional environments shift.

MPA Presidential Address

The Secret Life of Social Norms: From Nations to Neurons

Michele J. Gelfand University of Maryland

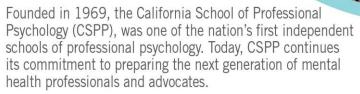
Fri. 1:30PM – 2:45PM Live Room 01

Moderator: Ximena Arriaga, Purdue University

Humans sociality is enabled by our ability to develop, maintain, and reinforce social norms. While social norms are universal, there is wide variation in the strength of social norms (or tightness) around the globe. In this talk, I will describe theory and research on tightness-looseness in pre-industrial societies and in modern nations and states, discuss the evolutionary and neurological basis of such differences, and describe the implications of the strength of social norms for managing COVID-19.



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MPA AWARDS & PRESIDENTIAL KEYNOTE

Fri. 3:00PM - 5:00PM Live Room 01

Moderators: Ximena Arriaga, Purdue Univesrity

Michael J. Bernstein, Pennsylvania State University – Abington

Duane T. Wegener, The Ohio State University

Graduate Student Paper Awards (please see page 17)

New MPA Fellows (please see page 18)

MPA Presidential Keynote

How Romantic Relationships Can Reduce Attachment Insecurity in Adults

Ximena Arriaga Purdue University

Fri. 3:00PM – 5:00PM Live Room 01

Moderator: Ximena Arriaga, Purdue University

Anxious and avoidant attachment tendencies are not immutable. This talk will discuss specific experiences and mechanisms through which adult romantic relationships can reduce anxious and avoidant responses. The talk will also discuss broader implications of attaining a sense of interpersonal security, and how an attachment framework can explain behavior in many settings that affect acceptance and belonging.

Recognitions

Duane Wegener, University of Illinois at Chicago Past-President 2019

Heather Claypool, Miami University - Council Member (2019-2021) and Program Moderator 2021



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Social Psychology: Poster Session I

Sat 8:30AM - 10:20AM Poster Room

1 Predictors and Consequences of Dispositional Attitude Clarity and Correctness

Jennifer Weng, University at Buffalo; Kenneth DeMarree, The University at Buffalo

In two studies, we offered initial support for the idea that dispositional attitude clarity and dispositional attitude correctness are meaningful, distinct, and stable dispositional tendencies. Furthermore, dispositional attitude clarity and dispositional attitude correctness can have distinct predictors and predict distinct outcomes.

2 Attitudes Toward Direct-to-Consumer Genetic Testing in Undergraduate Students

Michael Baum, Purdue University Northwest; Lindsay Gielda, Purdue University Northwest; Christina Ragan, Georgia Institute of Technology We investigated attitudes toward direct-to-consumer genetic testing and found significant differences in attitude based on gender, race, personality, and field of study. Understanding these differences can help researchers identify populations that may be likely to have misconceptions regarding DTC-GT and support a more inclusive understanding of genetics.

3 University Students' Reported Incidence and Perceptions of Plagiarism Taylor Courier, University of Northern Iowa; Helen C. Harton, University of Northern Iowa; Salomi Aladia, University of Northern Iowa; Anita Gordon, University of Northern Iowa

University students indicated whether they had engaged in any of six plagiarism behaviors and how wrong and common they believed the behaviors were. Most students had plagiarized in their time at the university. Seniors and graduate students viewed plagiarism as more wrong and more common than less experienced students.

4 Male Allies Cue Respect for Women in Male-Dominated Environments Charlotte Moser, University of Kansas; Nyla Branscombe, University of Kansas

Across three studies, we found that male allies are uniquely helpful in signaling identity-safety for women in male-dominated contexts. Male allies increased women's expectations of respect from other coworkers, and this indirectly-affected the positive outcomes. The impact of the race and gender of the ally and participants are examined.

5 The Effects of Culture of Honor Beliefs on Belonging

Evan Johnson, ohio university; Kimberly Rios, Ohio University; Cameron Mackey, Ohio University

We hypothesize that beliefs and behaviors associated with cultures of honor are not typically associated with academic environments. Thus, those who identify as culture of honor will feel lower levels of belongingness in academic settings.

6 Ingroup Projection: Attitudes within the LGBTQ+ Community

Hailey Hatch, Saint Louis University; Ruth Warner, Saint Louis University The ingroup projection model (IPM) suggests that identification with one's ingroup and a superordinate group can result in negative outgroup attitudes. This study examined this process in the LGBTQ+ community. Consistent with IPM, gay men who were high in ingroup identification and relative prototypicality reported more negative attitudes toward lesbians.

7 Resolving Intergroup Social Dilemmas through Discussions

Patrick Waddell, Purdue, Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Catalina Todd, Purdue University Fort Wayne; Jay Jackson, Purdue University Fort Wayne

We examined how face-to-face and computer-mediated intergroup discussions vs. no-discussion influenced how three 3-person teams reacted to an intergroup social dilemma. Discussion significantly enhanced intergroup cooperation and this effect was mediated by reduced fear of exploitation and greater feelings of superordinate identity.

8 Masks and Politics in Social Dilemmas

Ann Rumble, Northern Arizona University; Kevin Willcox, Northern Arizona University; Emerson Weinbrecht, Northern Arizona University
Group Identity has been shown to influence cooperative behavior in social dilemmas. This study will examine how race, political affiliation, and wearing a mask affects cooperation between individuals. It will also examine interventions that might increase cooperation between these individuals.

9 Effects of Superordinate Goals on Outgroup Liking: Role of Trust

Emily Budde, Loyola University Chicago; R. Matthew Montoya, University of Dayton

When superordinate goals (vs. no superordinate goals) were manipulated in a minimal group setting, cooperation (vs. competition) formed higher outgroup liking. This effect was mediated by outgroup trust, in which cooperation lead to higher outgroup trust and therefore higher outgroup liking. This indicates the potential importance of forming intergroup trust.

10 Evidence of Fear Bonding from Haunted House Photographs.

Andrew Johnson, Park University; Danielle Whitfield, Park University; Haley Schields, Park University

We conducted a visual content analysis of 1,648 haunted house photographs. A total of 4,893 individuals were coded for Gender, Age, Apparent Ethnicity, Emotional Response, and Appearance Conformity. Results reveal a profile of *Caucasian Women* (13-25 years old) showing *Fright* with high *Appearance-conformity* in a *Group Size* of four.

11 Effects of Excluding Racial/Ethnic and Gender/Sexual Minorities from Psychological Research

Hannah Snidman, Texas Tech University; Sam Lechowicz, Bradley University; Claire Etaugh, Bradley University
Racial/ethnic and gender/sexual minorities are underrepresented in psychological research. We studied the effects of this form of microaggression by surveying 184 attendees at the 2019 American Psychological Association meeting. Compared to White and to cisgender/heterosexual respondents, racial/ethnic and gender/sexual minorities felt significantly less represented and more ostracized by this underepresentation

12 Investigating Ostracism and Racial Microaggressions toward Afro-Brazilians

Eros DeSouza, Illinois State University; Eric Wesselmann, Illinois State

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

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

13 Feelings of Exclusion Following Unreturned Cellphone Communication

Cortney Busick, Radford University; Nicole Iannone, Radford University; Dongning Ren, Tilburg University

This study explored the existence and effects of not having phone call, text, and e-mail communication returned from friends, family, co-workers, and bosses. Results suggest that individuals hold expectations about communicating with specific people in specific ways, and people higher in FOMO feel worse when communication is not returned.

14 The Effects of Social Exclusion on Human Interaction

Erin E Devers, Indiana Wesleyan University; Reilly Beaman, Indiana Wesleyan University; Nathan Brooks, Indiana Wesleyan University; McKenzie Burns, Indiana Wesleyan University; Natalie Harlow, Indiana Wesleyan University

The purpose of this research is to determine the effect of social exclusion on a person's interaction preference. In contrast to previous research that suggests that exclusion leads to a desire to regain acceptance, the present results demonstrate that exclusion reduces the desire to interact with human and nonhuman agents.

15 Influence of Ostracism on Support Seeking and Social Pain Sensitivity Emily Johnson, Texas A&M University; Asha Ganesan, Texas A&M

University; Adrienne Carter-Sowell, Texas A & M University
Being ostracized is painful and social support can be a buffer. Results found
from the present study indicate that participants in the ostracism condition
were less likely to seek social support compared to participants in the control
and inclusion conditions. No significant differences were shown in
perceptions of social pain.

16 School Prejudice and Racism Forewarnings Temper Ostracism's Social Needs' Damages

Ingrid Mood, Howard University; Lloyd Reynolds Sloan, 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 diminished White ostracism's social needs damage, suggesting anticipatory reconstrual of subsequent ostracism. Forewarning especially benefited participants who were high in perceived school prejudice suggesting forewarnings as buffers for ostracism's social needs damage.

17 Psychological Predictors of Medical Students' Involvement in Pro Bono Work

Joshua Braverman, University of Minnesota Twin Cities; Mark Snyder, University of Minnesota

We investigated predictors of pro bono volunteer work by medical students. The best predictors were features specific to the behavioral context of medical pro bono (e.g. role identity and professional expectations). By contrast, the more general dispositions of personality and motivation were less effective predictors.

18 Early sense of group responsibility under resource inequality Jinrui Liu, University of Chicago

This study examines children's sense of group responsibility under resource inequality across cultures (U.S. and China). Examining their normative judgment and behavior for group contribution, we found a moral foundation for children to anonymously contribute to a common good at their own cost.

19 The Impact of Ambivalent Sexism on Black and White Women

Aliaa Eldabli, Aurora University; Renae Franiuk, Aurora University Ambivalent sexism may be applied differentially to White women and Black women. White sex workers were helped less by women high in benevolent and hostile sexism than Black sex workers, adhering to shifting standards based on race and sexist ideals.

20 Intersectional identity and social justice engagement

Vanessa Ivy, Ohio State University

The current studies begin to dive into what impacts intersectionality has on social justice engagement. These results suggest that Black women are more engaged in collective action than White women and Black men. This

engagement may be facilitated through the association between their marginalized identities.

21 Psychological Well-being of African-American Women in Urban Community Health Centers

Elayne Zhou, Northwestern University Feinberg School of Medicine; Rebbeka Carmona, Northwestern University Feinberg School of Medicine; Ekene Nwosisi, Northwestern University Feinberg School of Medicine; Elizabeth Waldron, Northwestern University Feinberg School of Medicine; Inger Burnett-Zeigler, Northwestern University Feinberg School of Medicine There is limited research on the operationalization and conceptualization of African-American well-being. An exploratory factor analysis of the Ryff Psychological Well-Being Scale in African-American women revealed 3 factors: self-efficacy, flexibility, and relational satisfaction. Understanding well-being across groups can inform scale development that accurately assess experiences of African-Americans with intersecting identities.

22 Exposure to Microaggressions, Racial Centrality, and Pereceptions of School Climate

Brea Banks, Illinois State University; Keeley Hynes, Illinois State University; Cody Atkinson, Illinois State University

Researchers found that racial centrality marginally moderated the relation between experiences with racial microaggressions (i.e., subtle race-based insults) in high school and school connectedness. The racial composition of high school did not mediate the relation between experiences of microaggressions and school connectedness.

23 Microaggressions in science classrooms impact perception of Science as "White"

safa asad, DePaul University; Christine Reyna, DePaul University One barrier to girls of color pursuing science majors and careers could be the belief that people of color are not welcome in science fields. For African American and Latina high school girls, we found that microaggressions faced in the science classroom contributed to the perception that science is "white."

24 Racial Differences in the Perception of Modern-type and Traditionaltype Depression

Colin O'Brien, Oakland University; Kanako Taku, Oakland University This study was designed to examine racial differences in perceptions of traditional-type and modern-type depression. Using ANOVA, differences in perceptions of depression were found based on depression types and the interaction between race and depression types. Results supported the importance of considering racial differences in specific aspects of perceived depression.

25 Identifying College Classrooms Factors to Address Underrepresentation in STEM

Hira Ahmad, DePauw University; Sydney Majka, DePauw University; Brittany Davis, DePauw University; Shasha Zhu, DePauw University; Andrea Armas, DePauw University; Kimberly Bello-Rosas, DePauw University; Pamela M. Propsom, DePauw University

This research used in-person focus groups and self-report surveys to investigate factors influencing college students' STEM course experiences, especially for those from traditionally marginalized groups. Primary results indicate the importance of professor behaviors, student to student interactions, and the pace and background knowledge expected to succeed in a particular class.

26 Associations between Religiosity, Spirituality, Religious Coping, and Psychological Symptoms

Maya Alexander, Roosevelt University; Ashley Bryan, Roosevelt University; Rachel Goldfarb, Roosevelt University; Susan Torres-Harding, Roosevelt University

Religious coping might play a beneficial role in dealing with stress, anxiety, or depression. Individuals who identified as religious or spiritual appear to use more religious coping and seeking emotional support during times of stress or when experiencing stress symptoms.

27 Impact of Race/ethnicity and LGBTQ+ Identity on Well-being

Cynthia Willis Equeda, University of Nebraska, Lincoln; Daniel Nguyen, University of Nebraska-Lincoln

Identity intersectionality has become an increasingly relevant consideration, but it is complicated with race/gender and LGBTQ+ issues. The purpose of this study is to explore the impact of intersectionality of race/ethnicity and LGBTQ+ identity on well-being. How do experiences of discrimination, bias, and integrating a double stigma identity impact well-being?

28 Storytime! An Examination of the Perceived Severity of Microaggressions

Maya Holmes, Lindenwood University; Stephanie Afful, Lindenwood University

This study focused on perceived severity of microaggressions. Participants

rated vignettes on the severity of microaggressions and completed a Protestant Work Ethic Scale, an Identity Salience Sale and demographics. Results indicated that those low in PWE and high racial identity salience rated all three types of microaggressions as most severe.

29 Perceptions of a Woman's Race in Computer Science

Alexis Jennings, Ball State University; Chloe Woodling, Ball State University; Katie Lawson, Ball State University

This experimental design explores the effects of a woman's race on others' perceptions of her adjustment to a computer science occupation, agency, communality, and competency. Multiple ANOVAs revealed that African American women are perceived less communal than Caucasian and Hispanic women and less competent than Asian women.

30 Impact of Racial Discrimination on Academic Motivation and Academic Achievement

Joseph Rhodes, Oakland University; Kayla Benson, Oakland University; Alvin Nicholas, University of Detroit Mercy; Kanako Taku, Oakland University

The current study examines the relationship between racial discrimination, academic motivation, and academic achievement. College students participated. Results suggest that these relationships may depend upon specific racial/ethnic minority groups and indicate that more research needs to be conducted on the relationship between racial discrimination, academic achievement, and academic motivation.

31 Help-Seeking Behavior Between Asian American and Asian International Students

Alison Oh, Illinois Institute of Technology; Katelyn Aldridge, Illinois Institute of Technology; Jonathan Tsen, Illinois Institute of Technology; Eun-Jeong Lee, Illinois Institute of Technology

Despite poor mental health problems among Asian student populations, lower help-seeking behaviors and utilization of services are reported until problems severely worsen. This study sought to investigate acculturation, enculturation, and willingness to seek counseling services between AA and AI students, and on awareness and utilization of on-campus counseling services.

32 Relationship between Student Race and Number of Office Discipline Referrals

Courtney Weaver, Cleveland State University; Shereen Naser, Cleveland State University; Kristy Brann, Miami University

Our study sought to investigate if Black and other minoritized youth receive higher rates of office discipline referrals (ODR's) compared to their White peers. Altogether, 78.2% of all Black students and 51.6% of all White students received at least one ODR. This data calls for better-informed interventions in schools.

33 Sharing Parasocial Relationships Relates to Parasocial Relationship Connection and Belonging

Hailey Scherer, Radford University; Nicole Iannone, Radford University; Megan McCarty, Simmons University; Sara Branch, Ex Libris; Janice R. Kelly, Purdue University

This study explored how sharing parasocial relationships (PSRs) with others was related to PSR characteristics (satisfaction, commitment, investment), PSR behaviors (e.g., spending money on them), and need to belong. Results showed that shared PSRs were associated with stronger PSR connections, as well as need to belong, potentially fulfilling belonging needs.

34 Comparing with Others and the Past: Predictors of Relationship Satisfaction

Olivia Aspiras, Clarke University; Madison Ro, Clarke University This research examined the relative impact of comparisons with other people (social comparison) and with the past (temporal comparison) on relationship satisfaction and affect. Findings suggest that temporal comparisons are a consistent predictor of both relationship satisfaction and affect, whereas social comparisons only predicted relationship satisfaction.

35 Understanding and Labeling Verbal Sexual Coercion

Jill Coleman, Roosevelt University; Molly Antimarino, Roosevelt University; Richa Vakharia, Roosevelt University; Tyler Brady, Roosevelt University This study investigated how individuals evaluate and label sexually coercive tactics. Participants read a vignette describing a sexual interaction and then rated the coerciveness, acceptability, and normativity of the interaction. Results showed participants found the interaction coercive and unacceptable, but they still often failed to label it as sexual misconduct.

36 Perceptions of Verbal Sexual Coercion and Resistance

Antonia Stula, Roosevelt University; Jill Coleman, Roosevelt University; Molly Antimarino, Roosevelt University; Alayna Samson, Roosevelt University

This study investigated whether the perpetrator/victim relationship and the type of victim resistance influenced evaluations of verbal sexual coercion.

The findings showed that physical resistance was associated with greater perceived normativity when the perpetrator and victim were a couple, and that both relationship and resistance type influenced judgments of responsibility.

37 Political correctness predicts accusations of racism in ambiguous situations.

Adam Lueke, Ball State University; Nilou Lueke, Ball State University The current research indicates that political correctness is a significant predictor of perceiving ambiguous situations as being motivated by racism. This relationship existed even after controlling for various related factors. This indicates a cognitive bias which may produce societal tensions due to accusations that may not be true.

38 Witness and Interviewer Rapport Building in Dog-Assisted Forensic Interviewing

Alyssa Davis, University of Toledo; Ann Louise Sari, University of Toledo; Quincy Miller, University of Toledo; Kamala London, University of Toledo We examined rapport building in dog-assisted forensic interviewing. Participants (N = 101) were randomly assigned to dog present or dog absent interview conditions. Participants and interviewers rendered higher ratings of rapport and comfort when the dog was present versus absent. Results have implications for best-practice forensic interviewing methods.

39 Narrative Coherence in Dog-Assisted Forensic Interviewing

Ann Louise Sari, University of Toledo; Alyssa Davis, University of Toledo; Quincy Miller, University of Toledo; Kamala London, University of Toledo We examined whether the presence of a dog bolsters adults' verbal reports in a forensic interview setting. Participants (*N*= 101) were assigned to dog present or dog absent interview conditions and discussed emotional autobiographical events. Contrary to expectations, participants provided more coherent reports when the dog was absent versus present.

40 Personality Traits and Situational Context as Predictors of Psychological Ownership

Jack Jermano, Central College; Keith Jones, Central College
The present study examined individual personality traits as antecedents of
psychological ownership, and the extent to which physical and psychological
distance affected feelings of psychological ownership. Conscientiousness,
collective narcissism, and generativity positively correlated with promotive

psychological ownership. Concrete targets of ownership elicited stronger feelings of ownership than abstract targets.

41 Reversing Colorism, Blacks Attribute Favorable Traits to Darker Black Targets

Lloyd Reynolds Sloan, Howard University; Adea Kelly, Howard University African American women reported perceived traits of, and feelings toward, attractive or average, light or dark skin-toned Black targets, and White women targets. Darker stimulus skin tone predicted more positive affective responses and perceived traits compared to light-skinned or white stimuli. Stimulus attractiveness didn't moderate skin tone impact on colorism.

42 Network Perception: Implications for Attributions of Source Bias Jacob Goebel, Ohio State University; Duane T. Wegener, The Ohio State University

Participants rate members of novel networks as more trustworthy, more likable, and more credible when they occupy more central positions within one's own group. Across two studies we examine how one's social network position (e.g. a "bridge" between clusters) impacts attributions relevant to persuasion outcomes.

43 Who Feels Safe on Campus?

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

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

44 Real-Time Message Intervention to Promote Voluntary Online Reviewing

Seungjoo (SJ) Yang, Indiana University; John Kruschke, Indiana University Online reviews are used by most consumers to make decisions, but relatively few consumers contribute reviews. We investigated the effectiveness of presenting a "pop-up" style message during shopping for promoting reviewing. The message increased positive attitudes toward reviews and the intention to contribute reviews.

45 Beware the Green-Eyed Monster! Exploring Social Comparison, Envy, and FoMO

Keith Edmonds, The University of Toledo; Jason Rose, University of Toledo; Elizabeth Gallinari; Clare Krzykala, University of Toledo; Rami Moussa, University of Toledo; Trinity Zacharias, University of Toledo The pervasive use of social media has sparked voluminous research on social comparisons, envy, and fear of missing out (FoMO), but has yet to explore the nuance within these constructs. Correlational analyses revealed that upward (vs. downward) comparisons and FoMO were more robustly associated with malicious (vs. benign) envy.

46 The Prediction of Threat among Racially Entitled White Americans Imani Todd, DePaul University; Ellie Buebendorf, DePaul University; Marquise Adkins, DePaul University; Kara Harris, Depaul University This study examines racial entitlement's effects on perceived threat of racial/ethnic minorities among White Americans. Findings indicate that higher levels of racial entitlement predicted higher perceptions of both realistic and symbolic threat.

47 Gender Differences in Social Norm Adherence

Samantha Heiman, Indiana University-Bloomington; Julie Eyink, University of Southern Indiana; Cordin Mirise, Indiana University; Edward Hirt, Indiana University-Bloomington

Little is known about individual differences that affect injunctive or descriptive norm adherence when these two norms are in conflict. This study provides evidence of a gender difference wherein men are less likely to adhere to the injunctive norm, and identifies reactance and financial risk taking as potential mediators.

48 Divergent Thinking: A Comparison of Authentic and Assigned Minority Dissent

Jorgen Reberg, Grand Valley State University; Breanna Lange, Grand Valley State University; Sarah Podkowa, Grand Valley State University; Carly James, Grand Valley State University; Maria Sanchez-Rodriguez, Grand Valley State University; Emma Walquist, Grand Valley State University; Christine Smith, Grand Valley State University

We explored the extent to which the relationship between exposure to dissent and divergent thinking requires an authentic source. We compared authentic sources of dissent to those who were assigned to argue their minority position. Participants' divergent thinking and perceptions of the source of minority dissent varied across conditions.

49 Sociocultural Exploration of Exercise Behaviors among African American Mothers

Maame Korley Baah-Arhin, Depaul University; Dana Mansfield, DePaul University; Micaela Johnson, Depaul University; Laura Saldana, Depaul University; Jocelyn Carter, DePaul University

Sociocultural factors are important considerations for exercise behaviors. This qualitative study explores the role of media influence on health engagement among African American mothers. Findings suggest a desire to engage in physical activity and that the usage of media platforms may influence physical activity engagement, internalization, and overall health habits.

50 Social Comparison Orientation, Self-esteem, and Frequency of Instagram Use

Ellen Hahn, The College of Saint Scholastica; Karen Petersen, College of St. Scholastica

This study looked at time on Instagram, social comparison orientation and self-esteem among undergraduates. Instagram was used multiple times daily by over half of participants (n=143), but there were no significant correlations between the variables. Future research can explore ways that peoples' interactions with Instagram affect mental/social health.

51 Protected Values and the Halo Effect in Consumer Product Evaluation

Juan Pablo Loaiza Ramírez, Purdue University; Torsten Reimer, Purdue University; Carlos Eduardo Moreno Mantilla, Universidad Nacional de Colombia

This study tests: 1) The effects of Green Supply Chain Management (GSCM) practices on consumers' willingness to pay a premium (WPP) and purchase intention (PI) mediated by perceived product performance (PPP); 2) if consumers' orientation toward the environment moderates the effect of GSCM practices on consumers' WPP, PI and PPP.

52 Gender Differences in Jurors' Reactions to Child Sexual Abuse Cases involving Minority Victims

Christopher Palmer, The University of Toledo; Quincy Miller, University of Toledo; Kamala London, University of Toledo

We investigated the influence of juror gender on reactions to a mock child sexual abuse case involving sexual and gender minority victims. Compared to men, women were more likely to render guilty verdicts, rated the defendant more guilty, the sexual contact more likely to have happened, and the victim more credible.

53 Racial Differences in Perceptions of American Systems

Karolina Skoczen, DePaul University; Andrea Bellovary, DePaul University; Claire Galloway, DePaul University; Daniel Hansen, DePaul University We sought to understand how Americans of different races believe they are benfited by certain systems and whether those systems function as they should. Results conveyed that there are significant differences in how persons of color and White participants benefit from, justify, and condemn American systems.

54 Perceptions of prostitution: What drives opposition?

Tiffany Abrams, Saint Xavier University; Lauren Banicki, Saint Xavier University; Angela Pirlott, Saint Xavier University

The current studies suggest that U.S. adults commonly associate prostitution with desperation, diseases/STDs, physical abuse, immorality, illegality, drugs & alcohol, trafficking, exploitation, cheating, and enslavement, and that opposition to prostitution is primarily driven by these presumed co-occurring negative factors rather than by the exchange of sex for money.

55 'Rona Resentment: Defensiveness to Control Over COVID-19 Elsewhere

Jason Snyder, DePaul University; Verena P Graupmann, DePaul University In an experiment, we explored the influence of collectivistic/individualistic mindsets and perception of control of Covid-19 on processing of proportion data. Results indicated that priming an individualistic mindset and perceptions of high control of Covid-19 in a foreign country engendered irrational processing of proportion data and xenophobic responses.

56 Resting Mask Face: Uncertainty in Facial Expressions

Jessica Criddle-Sandoz, Murray State University; Daphne Jackson, Murray State University; Katherine Link, Murray State University; Jana Hackathorn, Murray State University

The usage of face masks veils features giving impression formation information pertinent to trustworthiness and likablity. We examined impression formation on mask-wearing, specifically whether intolerance of uncertainty would lead to negative social judgements of those wearing masks. Results indicated that wearing a mask predicted positive impressions when controlling for gender.

57 The effect of choice overload on decision difficulty and outcome

Jiuqing Cheng, University of Northern Iowa; Nia Mcclendon, University of Northern Iowa

The study found choice overload led to greater experienced decision difficulty in both consume and gamble choice tasks. Choice overload also caused fewer normative decisions in the gamble task. The decision patterns described above were more prominent in lower need for cognition participants.

58 I Know That Walk! Identification Factors on Juror Decision-Making

Lauren Stornelli, Roger Williams University; Marianne Krause, Roger Williams University; Garrett Berman, Roger Williams University
Police increasingly use surveillance videos to identify perpetrators. Mockjurors rated perpetrator identification characteristics (body type, gait, face, clothing) on identification reliability. Results indicated jurors rated gait, face, and clothing conditions as more fair and reliable compared to body type. Implications highlight jurors' sensitivity to certain factors present in surveillance identifications.

59 What was once scary: Positive judgements of mask wearing

Katherine Link, Murray State University; Jessica Criddle-Sandoz, Murray State University; Daphne Jackson, Murray State University; Jana Hackathorn, Murray State University

Due to the Coronavirus pandemic it is a necessity to wear a facemask. This study aims to investigate whether facemasks influence first impressions of strangers. It is investigated whether facemasks influence perceptions of trustworthiness, attractiveness, and likeability and whether gender differences also influence outcomes.

60 The Effect of Sexual Misconduct on Political Decision-Making

Brier Gallihugh, Ohio University; Stephen Jefferson, Eastern Michigan University

This study examined the role that participant and candidate political ideology has on the trait attribution and feelings people have toward candidates accused of sexual misconduct. Results showed that both participant and candidate political ideology plays a role in how much support candidates accused of sexual misconduct garner.

61 Anxiety and Uncertainty: Examining Social Judgment Predictors during Coronavirus Pandemic

Daphne Jackson, Murray State University; Jessica Criddle-Sandoz, Murray State University; Katherine Link, Murray State University; Jana Hackathorn, Murray State University

Preventive measures taken during the coronavirus pandemic, such as wearing

a facemask, have created a possible concern for social judgment formation. This study investigated the impact that facemask may have on social judgment formations and how factors like social anxiety may aggravate this issue.

62 Personal Space and Perceived Disability

Wendy Schweigert, Bradley University; Chelsea Lewis, Bradley University; Becca Ruger-Smith, Bradley University; Priyal Patel, Bradley University; Benjamin Poignant, Bradley University; Cameron Schumacher, Bradley University; Monique Fields, Bradley University; Alexandra Phan, Bradley University

Perceived disability's effect on another's personal space was investigated. Two hypotheses suggest opposite results. The results support the No-Threat hypothesis in which individuals stand closer to a person seated in a wheelchair than in a regular chair. Possible explanations for the results are considered.

63 Social Media Matters: Comparison of Intervening Identifications on Juror Decision Making

Marianne Krause, Roger Williams University; Lauren Stornelli, Roger Williams University; Garrett Berman, Roger Williams University
The current study compared social media intervening identification tests
(Facebook) with traditional intervening tests (e.g., showup, mugshot) on
mock-juror decision-making. Mock-jurors rated the identification as less fair
when viewing the perpetrator once opposed to multiple times. Implications
highlight jurors' lack of sensitivity to carryover effects resulting from multiple
identifications. The

64 Sexual offence, victim, and offender characteristics in recidivism risk perceptions.

Kyle Eyman, Cleveland State University; Donald Walker, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
We examined whether the interplay between sexual offender, victim, and offense characteristics influence recidivism risk perception in a college sample. Our results showed that victim characteristics solely predict perceived recidivism risk.

65 Predicting Knowledge of Sustainable Behaviors

Lila Sebetka, Central College; Keith Jones, Central College This research examined the knowledge of sustainable behaviors by assessing the predictive roles of attitudes, mindfulness, and general sustainability knowledge. Attitudes and mindfulness were positive predictors, while sustainability knowledge was not related to knowledge of specific sustainability-focused behaviors. Increased focus on researching aspects of the self-related to sustainability is discussed.

66 Face Masks Improve Detection of Real and Fake Smiles

Elizabeth Majka, Elmhurst University; Jason Gill, Elmhurst University; Annette Kwasniewski, Elmhurst University; Carla Santacruz, Elmhurst University; Kiwaun Wallace, Elmhurst University; Yuliya Zanevych, Elmhurst University

Participants were better at distinguishing between real and fake smiles when reading targets wearing face masks (vs. no masks). Nevertheless, participants predicted their performance would follow the opposite pattern. These findings have implications for social interactions when mask wearing is the norm, such as during the COVID-19 pandemic.

67 Replication of Schnall et al. (2008): Priming a Clean Conscience?

Kennedy Hibbs, Missouri Western State University; Lacey Owens, Missouri Western State University; Cassandra Brandon, Missouri Western State University; Erika Sandridge, Missouri Western State University; Elizabeth Thomas, Missouri Western State University; Stacey Rieck, Missouri Western State University

Prior research suggests that priming individuals with cleanliness leads to less severe moral judgments. This study seeks to replicate these findings. Participants completed a task which primed cleanliness or dirtiness and then rated moral dilemmas in terms of wrongness. Results indicated moral judgments were not influenced by condition.

68 Mortality Salience, Ego Depletion, and Frivolous Spending

condition.

Jordan Glad, Western Illinois University; Megan Bardmass, Western Illinois University; Kristine M. Kelly, Western Illinois University
Thinking about death and ego-depletion share many similarities. This study sought to investigate their effects on impulsive spending. Results indicated that death anxiety was not ego depleting, but participants who thought about death planned on spending less money on luxury items than those in a control

69 Why Do We Hate Each Other? Impact of Internalized Misogyny

Kelsey Boring, Lindenwood University- Belleville; Trisha Prunty, Blackburn College

The study examined participants' emotions towards women by analyzing their

score on the internalized misogyny scale. It was hypothesized, those who scored higher view women more negatively than a man regarding the same situation. The results showed significant findings for women with higher scores and feelings towards femininity of others.

70 What is your prejudice? Predicting prejudice towards Greek members

Riley Rodemaker, University of Northern Iowa; Evan Stilgenbauer, University of Northern Iowa; Matthew Sedlacek, University of Northern Iowa; Helen C. Harton, University of Northern Iowa Participants completed measures related to prejudice toward Greek members. Agreeableness, similarity, contact, Greek membership, and biological sex predicted prejudice toward Greek members across three model; similarity was the only significant predictor in all models. Findings may suggest that social group identification is a stronger predictor for prejudice than personality factors.

71 Are There Racial Disparities in Perceived Quality of Scientific Research?

Khrisma McMurray, Indiana University Purdue University Indianapolis; Deidre Hall, Indiana University - Purdue University Indianapolis; M. Fazuan Abdul Karim, Indiana University - Purdue University Indianapolis; Leslie Ashburn-Nardo, Indiana University-Purdue University Indianapolis Recent evidence suggests that Black scientists are less likely to receive federal funding than White scientists, but it is unclear the extent to which this is due solely to race. The goal of the present study is to examine the causal influence of author race on perceptions of their work.

72 Disclosing LGBTQIA+ status to healthcare providers: Student-reported barriers and facilitators

Kelly Manser, Illinois Institute of Technology; Arlen Moller, Illinois Institute of Technology; Jessalena Lee, Illinois Institute of Technology; Marlena Cannon, Illinois Institute of Technology; Winifred Guerra, Illinois Institute of Technology; Steve Du Bois, Illinois Institute of Technology Disclosing LGBTQIA+ status to healthcare providers has positive health sequelae, however facilitators and barriers to this disclosure are understudied. LGBTQIA+ college students generated and rated importance of statements about self-disclosing to providers. These themes emerged from qualitative analysis: provider approach to LGBTQIA+; inclusiveness; disclosure concerns; harmful communication; and, temporal factors.

73 Anti-Atheist Personality Judgments of Narcissism, Machiavellianism, and Psychopathy

Harley Paul, Wittenberg University; William Davis, Wittenberg University Participants (*N*=450) evaluated three targets (themselves, a typical religious person, and a typical non-religious person) in terms of the dark triad of personality: narcissism, Machiavellianism, and psychopathy. Participants rated non-religious targets higher in all three traits compared to religious targets and themselves. Participants' own religiosity predicted higher non-religious target ratings.

74 Parent-child relationship affects hypothetical parents' reactions to LGB offspring

Breanna Jones, Saint Xavier University; Lauren Banicki, Saint Xavier University; Angela Pirlott, Saint Xavier University

U.S. adults rated their emotional reactions toward their imagined biological, adopted, or step child "coming out" as heterosexual, LGB, or infertile. The parent-child relationship significantly affected sadness, such that parents feel the saddest toward biological and adopted children relative to stepchildren who "come out" as LGB.

75 Longitudinal Analysis of Bias, Privilege, and Campus Climate 2019-2021

Brandon Beaulieu, University of Wisconsin-Stout; Chelsea Lovejoy, University of Wisconsin - Stout; Jacob Reid, University of Wisconsin - Stout Student perceptions of racial attitudes, white privilege, racial climate, and sense of belonging for both white and minority students on a small midwestern college campus (Spring 2019 - Spring 2021) are examined. Comparisons of data prior to and post major societal race-related events and the coronavirus pandemic will be discussed.

76 Colorblindness and White Privilege Awarenss Impact on Perceptions of Microaggression

Brea Banks, Illinois State University; Amani Wise, Illinois State University Research highlighting the role white individuals play in maintaining an oppressive society is severely limited. To address this gap, researchers found that color-blind racial attitudes and white privilege awareness significantly predict how white individuals perceive microaggressions. Implications for future researcher will be discussed.

77 Racial Microaggressions and their Relationships with DSM-5 Symptom Domains

Grace Cho, Roosevelt University; Micah Davoren, Roosevelt University; Amy Erlich, Roosevelt University; Rebecca Kan, Roosevelt University; Chelsea Olson, Roosevelt University; Cassandra Pagliaruli, Roosevelt University; Lynn Weishaupt, Roosevelt University; Susan Torres-Harding, Roosevelt University

Racial microaggressions might impact DSM-5 clinical symptoms. This study found that experiencing a range of racial microaggressions might contribute to sleep problems, dissociation, and DSM-5 clinical symptoms that indicate potential hyperarousal or physiological activation.

78 Development of the White Fragility Scale

Brianna Richmond, Western Illinois University; Alexa Neas, Western Illinois University; Kristine M. Kelly, Western Illinois University
Research into common patterns of interracial interaction exists, however direct measures are missing from the literature. The current study developed

such a research instrument that can be used in future studies to measure levels of intolerability in racially diverse situations.

79 Less than Human? Attitudes toward Asexual People

Veanne Anderson, Indiana State University; Andi Bittle, Indiana State University

We studied factors associated with attitudes toward asexual people. Beliefs in a social dominance orientation and maintaining social distance predicted negative attitudes toward asexual people. Although asexual and celibate people were rated less favorably, they were not viewed as being less human than heterosexual people.

80 Social Responsibility and Feelings of Prejudice Toward Refugee Groups

Jeremy Becker, Saint Louis University; Ruth Warner, Saint Louis University Department of Psychology

The current study tests how people view different groups of refugees and examines attitudes toward a novel group -- climate refugees. Results indicate people differentiate between refugee groups and the extent to which they would help these groups.

81 White-on-White Confrontation: A Reanalysis

Kaelan Vazquez, DePaul University; Susie Chen, University of Pittsburg; Kevin Binning, The University of Pittsburgh

When do people confront? What allows people to confront other people especially when an offensive remark is made, and is it related to who is being

confronted? In a reanalysis of data, people appear to confront when they do not fear negative judgment, high self-esteem, and have close social networks

82 The Relationship between Racial Resentment and Gun Control is Confounded

Daniel Miller, Purdue Fort Wayne; Patrick Waddell, Purdue, Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Catalina Todd, Purdue University Fort Wayne

The relationship between racial resentment (symbolic racism) and gun control attitudes is confounded by beliefs about individualism. Data from the American National Election Survey for the year 2000 indicated that the relationship between symbolic racism and gun control attitudes was significantly reduced when individualism was controlled.

83 Attitudes Toward People with Physical and Mental Illnesses

Rachel Schelling, Purdue Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Patrick Waddell, Purdue, Fort Wayne; Catalina Todd, Purdue University Fort Wayne; Jay Jackson, Purdue University Fort Wayne

We examined stereotypes, feelings, and behavioral tendencies toward people a physical illness vs. mental illness, crossed with low- vs. high-stigma (e.g., HIV/Aids, heart disease, depression, pedophilia). More negativity was expressed toward those with mental vs physical illnesses, especially when high in stigma. Imagined positive contact had some positive, limited, effects.

84 Patterns of Religious Prejudice

Rachel Delaney, Purdue Fort Wayne; Catalina Todd, Purdue University Fort Wayne; Patrick Waddell, Purdue, Fort Wayne; Jay Jackson, Purdue University Fort Wayne

We examined how openness, intergroup contact, and value congruence influenced attitudes toward Muslims and Christian Fundamentalists, expressed by nonmembers. Openness predicted favorable contact with Muslims, but not with Christian Fundamentalists. This non-relationship was found to be due to perceptions of value incongruence. Favorable contact predicted favorable attitudes toward both groups.

85 Values and Help-Seeking Beliefs

Patrick Heath, Gustavus Adolphus College; Callie Coleman, Gustavus Adolphus College; Julia Gladoski, Gustavus Adolphus College; Melanie Hoffa, Gustavus Adolphus College; Alma Jorgenson, Gustavus Adolphus College; Jack Weissenberger, Gustavus Adolphus College; Daniel Lannin, Illinois State University

This study examined whether spontaneous decisions to write about values was related to more positive beliefs about seeking psychological help, extending previous research on self-affirmation theory. Results suggested that participants who spontaneously wrote about values reported more positive help-seeing beliefs. Conclusions and implications are discussed.

86 Impact of Intersectional Discrimination and Emotion Regulation on Wellbeing

Bailey Miller, Miami University; Elizabeth Kate Turns, Miami University; Klaire Alge, Miami University; Akanksha Das, Miami University
The present study tested whether anticipated intersectional discrimination predicted wellbeing, and whether difficulties in emotion regulation (ER) moderated this relationship. Data from 60 undergraduate students showed that intersectional discrimination did not emerge as a significant predictor of wellbeing, but that greater difficulties in ER predicted poorer wellbeing one month later.

87 Reducing Prejudice Towards Atheists Caused by Religious Salience

Haya Abbas, University of Kansas; Anna Pope, University of Kansas It is suggested that anti-Atheist prejudice is rooted in distrust. Across 3 studies we tested the idea (Gervais & Norenzayan, 2012) that reminders of secular authority decrease anti-Atheist prejudice. Sermons and police ads had no effect on anti-Atheist sentiment. Future directions for reducing anti-Atheist prejudice are discussed.

88 Ambivalent Sexism and Gender Identity

Catalina Todd, Purdue University Fort Wayne; Patrick Waddell, Purdue, Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Jay Jackson, Purdue University Fort Wayne

We manipulated the salience of sexism and gender composition, and measured gender identity and motivations to interact with others of same or different gender. Males were affected more by the manipulation than females, exhibiting reluctance to discuss issues with women after exposure to an article highlighting the prevalence of sexism.



Cognition

Sat 8:30AM - 10:20AM

On Demand 05

9:00 Realistic Dreaming Associated with Fantasy Proneness, Dissociation, and Stress

Kristina Todorovic, University of Toledo; Nicole A. Earl, University of Toledo; Kamala London, University of Toledo; Daniel B. Wright, University of Nevada, Las Vegas

We examined the content of dreams and the association between creative experiences, dissociation, and stress on realistic dreaming. Realistic dreams occurred frequently, however, experiences with realistic dreams varied depending on the dream question asked. Realistic dreams were associated with heightened levels of fantasy proneness, dissociation, and stress.

9:20 Spontaneous Slant-Guided Blind Navigation

Dan Nardi, Ball State University; Katelyn Singer, Ball State University; Krista Price, Ball State University

In an outdoor field experiment, we examined terrain slant as a nonvisual cue for navigation. Thirty blindfolded, sighted participants completed a place-learning task in a flat and a slanted site. Errors were significantly smaller in the slanted site, suggesting that proprioceptive/kinesthetic cues from the slant were spontaneously used.

9:40 Unsupervised Learning of Exclusive-Or Relations: Moving Beyond Simple One-Dimensional Rules

Charles Doan, Marietta College; Levi Tucker, Marietta College; Alexandria Williams, Marietta College

Human categorization research reveals a disconnect between unsupervised preferences and unsupervised learning behavior. We discuss this disconnect and report the results of three unsupervised learning experiments with Boolean categories assessing exclusive-or and more complex relations. We show multidimensional unsupervised learning is possible with appropriate considerations for task and stimulus complexity.

10:00 Effective Strategies – When Do They Fail?

Destiny Bell, Kansas State University; Marissa Muto, Kansas State University; Emily Augustine, Kansas State University; Sydnee Pachek,

Kansas State University; Heather Bailey, Kansas State University People shift strategies on the Raven's Advanced Progressive Matrix. The current study evaluated why this occurs. Participants reported strategies used and the perceived difficulty of each problem. We found the efficacy of a strategy depends on perceived difficulty. Thus, so-called "effective" strategies may not be optimal on all trials.

Substance Use & Abuse

Sat 8:30AM - 10:20AM

On Demand 08

9:00 Incorporating Knowledge and Techniques of Substance Abuse into Daily Practice

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

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

9:15 Decreased Risky Choice Predicts Cocaine Conditioned Place Preference

Justin Yates, Northern Kentucky University; Matthew Horchar, Northern Kentucky University; Alexis Ellis, Northern Kentucky University; Joy Kappesser, Northern Kentucky University; Makayla Wright, Northern Kentucky University

Rats were tested in the risky decision task (RDT) before being tested in a 10-day conditioned place preference (CPP) paradigm to determine if risky choice predicts sensitivity to the conditioned rewarding effects of cocaine. Results showed that low risk-taking rats developed greater cocaine CPP compared to high risk-taking rats.

9:30 Avoidant Coping May Help Explain Why Perceived Stress Predicts Craving

Joseph Lancaster, Cleveland State University; Kevin Jaworski, Cleveland State University; Ilya Yaroslavsky, Cleveland State University Stress is a known predictor of drug craving and subsequent relapse. The current study examined the intermediary role of avoidant coping in a sample of individuals seeking treatment. Craving, a dynamic risk factor, was

measured via experience sampling to detect craving at critical moments. Clinical implications will be discussed.

9:45 Sobriety Commitment as a Buffer Against Stress-related Substance Use

Joseph Lancaster, Cleveland State University; Kevin Jaworski, Cleveland State University; Ilya Yaroslavsky, Cleveland State University
Perceived stress is a known vulnerability to relapse in those seeking treatment for substance use problems. Exploring protective factors may serve to combat poor treatment outcomes. The protective role of sobriety commitment was substantiated by its buffering effects on substance use severity in the face of stress.



Professional Development: Using Behavioral Science to Minimize Obstacles to Effective Learning

Sat 8:30AM - 10:20AM On Demand 04

8:30 Using Behavioral Science to Minimize Obstacles to Effective Learning

Susan Sheffer, Lewis University; Edmund Kearney, Lewis University; Dennis Dew, Mount Mercy University; Matthew Domico, Lewis University; Ann Sauer, Midwestern University

This interactive session will include discussion on methods for addressing minor annoyances to serious problems that distract from effective learning in the classroom. Panelists will share research-based techniques that they use to address issues such as distractions in the classroom, academic integrity, meaningful engagement, assessment, and students' (inappropriate) requests.

Professional Development: Publishing for the Public: Science Writing for a Mainstream Audience

Sat 8:30AM - 10:20AM

On Demand 03

8:30 Publishing for the Public: Science Writing for a Mainstream Audience

Devon Price, Loyola University Chicago

Very few psychologists are trained in how to share their work with the public in an accessible, way. This session will guide psychologists through the process of writing about social science for a lay audience, and getting massmarket work published in mainstream outlets, including newspapers, magazines, and books.

Professional Development: Expanding Mentorship through the Mentor-Network Model

Sat 8:30AM - 10:20AM

On Demand 02

8:30 Expanding Mentorship through the Mentor-Network Model

Amber Henslee, Missouri University of Science & Technology; Cassie Sutton, University of Kansas; Sara Johnson, Missouri State University; Mary Carey, Missouri University of Science and Technology
The mentor-mentee dyad is widely used; however, this mentorship model often does not fulfill all the needs of graduate students and early career faculty. In this panel session, we will apply Rockquemore's "Mentor Map" to discuss the benefits of creating a mentoring network at various stages of professional development.



Invited Symposia

Teaching in the Behavioral Sciences with Activities and Laboratory Experiments

Sat. 9:00 AM – 10:00AM Live Room 02 Authors: Christina M. Ragan, Purdue University Northwest; Andrew B. Hawkey, Duke University; Robert M. Hallock, Purdue University Northwest; Karin E. Gill, Centre College

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



Professional Development: A Question and Answer Session with the Psi Alpha Staff

Sat 9:00AM - 10:00AM

On Demand 07

9:00 A Question and Answer Session with the Psi Alpha Staff

Bryan Gerber, Stark State College; Kristen Mitzel, Wright State University; Tina Kurtz, Kettering Fairmont Schools, Psi Alpha Midwest Vice President Join a synchronous session with members of the Psi Alpha High School National Honor Society in Psychology for questions and answers about Psi Alpha. Representatives of the Psi Alpha staff and National Council will be available. This is a great opportunity for high school psychology teachers, or anyone else interested in high school psychology, to understand the mission of Psi Alpha and potential benefits for student members and faculty advisers.

MPA Presidential Address

Early Emergence of Depression: Understanding Risk Factors and Treatment

Deanna Barch Washington University in St. Louis

Sat. 9:00AM – 10:15AM Live Room 01 Moderator: Ximena Arriaga, Purdue University

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



Symposium

Neural Substrates of Learned and Innate Social and Fear Behaviors

Sat 10:10AM - 11:25AM

Live Room 02

A variety of learned behaviors are largely influenced by innate behaviors. This symposium aims to discuss how two types of learning, social learning and fear learning, interact with the innate propensity to engage with both social and dangerous environments. First, Dr. Ferrara will present data on the influence of the anterior cingulate cortex (ACC) on basolateral amygdala (BLA) activity during developmental shifts in social drive. Next, Dr. Rosenkranz will discuss the amygdala circuitry necessary for fear behaviors acquired through social observation. Following this, Dr. Trask will present evidence that discrete regions of the retrosplenial cortex (RSC) are required for encoding of event- and contextually-based information during direct fear learning. Finally, Dr. Asok will present data demonstrating that similar neural circuitry underscores both learned and innate fear behaviors.

Role of the amygdala in development shifts in social drive

Nicole C. Ferrara, Rosalind Franklin University of Medicine and Science

Learned social fear relies on basolateral and medial amygdala circuitryJ. Amiel Rosenkranz, Rosalind Franklin University of Medicine and Science

Distinct roles of anterior and posterior retrosplenial in learned fear Sydney Trask, The University of Wisconsin-Milwaukee

A ventral-hippocampal circuit for gating leaned and innate aversive experiences

Arun Asok, The University of Wisconsin-Milwaukee



Symposium

Internet Explorer: Extracting Meaning from Online Data

Sat 10:25AM – 12:15AM Live Room 01 Moderators: Anna George, University of Oxford, Lisa Oswald, Hertie School

The digital era brings exciting and new ways to address social research questions. In this symposium, we explore how meaningful insights can be derived from online data. This symposium will showcase examples of how to study social phenomena online by featuring research studies that utilized computational techniques such as web-scraping, machine learning, and network analyses. These techniques were conducted to answer questions such as: Can internet traffic predict elections? What happens when climate skeptics are confronted? To what extent do political factors impact moral values? Additionally, computational methods and practical tips for for working with online data in the social sciences will be presented for a nontechnical audience. This symposium will help clarify what information can be extracted from online data, how to use computational methods and online data to answer analytical questions, and obstacles that can occur when working with such methods and data. This symposium will close with discussions orchestrated by leading experts in computational psychology research methods.

Political Self-Expression: What Words Reveal about Underlying Moral Values

Anna R. George, University of Oxford

Confronting climate skeptics? Attitudes, communication, and identity defense on Reddit

Lisa Oswald, University of Oxford, Dr. Jonathan Bright, University of Oxford

Unequal Effects of Traffic: Geo-Locational Study of Traffic Dragos Gorduza, University of Oxford

Utilizing Information-seeking Behavior Patterns to Predict US Congressional Elections

Hamza Salem, University of Oxford, Dr. Fabian Stephany, Humboldt Institute for Internet and Society

Using Social Media or the Internet to Collect Data

Dr. Kristian Veit, Olivet Nazarene University



Social Psychology: Poster Session II

Sat 10:30AM - 12:20PM

Poster Room

1 Do You Like Me Now? Students' Perceptions of Candidate Characteristics

Penney Nichols-Whitehead, Ferris State University; April Wilson, Ferris State University

Using data from 2016 & 2018 political engagement assessments, we examined the impact of the 2016 election and the Trump Presidency on students' ratings of the importance of a political candidate being smart/capable, fair/unbiased, & compassionate/caring about all people. Results suggest that students, like the nation are further polarized now.

2 Ideological Differences in Interpreting Indirect Meanings

Ky Bray, Ball State University; Karysa Britton, Ball State University; Thomas Holtgraves, Ball State University

We explored ideological differences in the interpretation of utterances with potential indirect meanings. Liberals and conservatives read a conversation transcript containing five target utterances with potential indirect meanings. In two studies conservatives were less likely to endorse the indirect meaning of these utterances than were liberals.

3 Exploring the Parisian Divide Regarding COVID-19 Prophylactic Measures

Daniel Miller, Purdue Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Cadejah Robinson, Purdue University, Fort Wayne; Catalina Todd, Purdue University Fort Wayne; Patrick Waddell, Purdue, Fort Wayne Amazon's Mechanical Turk was used to recruit 249 participants for this study. Results indicated that the partisan divide regrading the wearing of

facemasks and social distancing is largely driven by divergent negative Republican attitudes. Attitudes of Democrats and Independents are more positive and generally similar.

4 COVID-19, Political Orientation, and Selective Exposure

Edward Dodd, Murray State University; Sean Rife, Murray State University This study examined the relationship between political beliefs, pandemic perceptions, and selective media exposure. Republicans/conservatives were more likely to consider the pandemic a hoax, while Democrats/liberals were more likely to believe that the pandemic has been underplayed. This relationship was mediated by exposure to confirmatory information.

5 Eating Healthy Because I Want To

Kenneth Slagell, The Ohio State University; Lisa Libby, The Ohio State University; Mark Matthews, The Ohio State University; Richard Eibach, University of Waterloo; Zachary Niese, The Ohio State University We explore taste perceptions of foods as a potential mechanism through which people high in want-to motivation to eat healthy choose to eat healthier foods. We find support for this mechanism. Discussion is couched in the idea of effortless goal pursuit.

6 The Effect of Self-Compassion on Collegiate Athletes' Self-Efficacy Arash Assar, Miami University of Ohio; Robert Weinberg, Miami University The purpose of this study was to investigate whether self-compassion mediates the relationship between goal orientation and self-efficacy among Division I collegiate athletes. Mediation analyses confirmed the study's hypotheses, suggesting that self-compassion mediates both task- and ego-orientation's relationship with self-efficacy.

7 Controlling Achievement: Locus of Control, Self Regulation, and GPA Houston Howard, Murray State University; Casey Brugh, Murray State University; Amanda Joyce, Murray State University
Internal locus of control (LoC) and self-regulation (SR) have been linked to academic achievement. In this study, self-reported levels of LoC, SR, and GPA were obtained from 70 undergraduate students. The results indicated that locus of control and self-regulation were not significant predictors of academic achievement, as measured by GPA.

8 The Effect of Gender and Ethnicity on Political Communication Michael Doerge, Washington University in Saint Louis; Jeremy Heider, Southeast Missouri State University When listening to political discourse, a speaker's ethnicity and gender may influence perceptions of the speaker and topic. In this study, ethnicity and gender of a political speaker are manipulated to study participants' comprehension of a speech, perceptions of both the speech and speaker, and changes in participants' political beliefs.

9 Testing Predictive Accuracy of Affective Forecasting Using Experience Sampling Data

Gregory Obert, Rosalind Franklin University Of Medicine and Science; Steven A. Miller, Rosalind Franklin University of Medicine and Science Affective forecasting examines how accurate people are at predicting future emotions. This can be subject to systemic biases. Ecological momentary assessment (EMA) can reduce biases. This study evaluated how predictive affective EMA data is as a multilevel autoregressive model. Results showed participants could not significantly predict future affect. Implications are discussed.

10 Sex Differences in Discrete Emotion Word Processing

Michael Spencer, University at Albany; Mary Avery, University at Albany, State University of New York; Jeanette Altarriba, University at Albany, State University of New York

Discrete emotions (e.g., anger) have unique effects on performance in visual word recognition beyond valence and arousal. Using an LDT, this study examines the role of sex differences in discrete emotion processing, to determine whether females exhibit slowed processing for negative words relative to men (i.e., a female negativity bias).

11 An Exploratory Study on Several Predictors of Emotional Intelligence Rachelle Pichot, Andrews University; Carole J. Woolford-Hunt, Andrews University

Among many other important outcomes, emotional intelligence is correlated with good leadership and plays a role in developing children into successful adults (Palmer, Walls, Burgess, & Stough, 2000; Carmeli, 2003). The current study found that resilience and ethnic identify were strong positive predictors of emotional intelligence.

12 Distress is Predicted by Suppression, Sleep, and Attitudes Toward Sleep

Elli Cole, Ball State University; Chloe Woodling, Ball State University; Alexandra Doerner, Ball State University; Alexandria Epperly, Ball State University; Carrisma Jackson, Ball State University; Emma Dahlinghaus,

Ball State University; Anjolii Diaz, Ball State University
This study examines emotion suppression, sleep duration, and dysfunctional
beliefs and attitudes toward sleep as predictors of depression, stress, and
anxiety using self-report and actigraphy. All of the predictors were significant
with emotion suppression accounting for the largest amount of the variance.
The implications for college students' well-being is discussed.

13 Does Self-construal Matter When We Rate Emotions in the Face?

Youlim Kim, Depaul University; Ralph Erber, DePaul University This study investigated how self-construal and facial emotion influenced needs for contextual information to understand a facial expression. Participants were randomly assigned to independence- or interdependence-primed condition and interpreted happy faces, fearful faces, or neutral faces. Results suggest that people need contextual information to interpret an ambiguous facial expression.

14 How Affect and Framing Influence the Likelihood to Take Medication

Madeline Nievera, DePaul University; Alyssa Minton, DePaul University; Nathaniel Young, DePaul University; Joseph Mikels, DePaul University We examined how integral affect along with incidental affect can influence the likelihood to take hypothetical medications. Results indicated that the gain frame and positive affective context led to a greater likelihood to take medications by increasing positive feelings about the medications.

15 Discriminant Validity of Strategies of Using Music to Regulate Emotions

Jeffrey Kahn, Illinois State University; Destiny Feltner-Williams, Illinois State University; Kendall Ladd, Illinois State University
People adopt several strategies when using music to regulate emotions, but the discriminant validity of these regulatory strategies is in question. This mixed-methods study suggests that different regulatory strategies involved with music listening do have some distinctiveness in predicting psychological functions of listening to music.

16 Collective Awe: Preliminary Evidence for the Effects of Shared Experience

Martha Szekely, DePaul University; Kimberly Quinn, DePaul University We explored whether experiencing awe collectively versus alone has implications for self-diminishment and wellbeing. Results provided preliminary, albeit marginal, evidence for the impact of awe experience type: Participants recalling a collective versus individual awe experience reported greater humility and less of a need to search for meaning in life.

17 Two-wave Panel Network Modeling Only Partially Replicates Past Emotion Research

Marianne Chirica, Rosalind Franklin University of Medicine and Science; Steven A. Miller, Rosalind Franklin University of Medicine and Science We analyzed the temporal relationship between anxiety and depressive symptoms by assessing physiological hyperarousal symptoms (i.e., differentiates anxiety from depression) and symptoms of negative affect (i.e., representative of depression) with a two-wave network panel model. The network methodology brings a unique perspective to temporal research of anxiety and depression.

18 Machine Learning Algorithms and EEG to Detect Emotion

Ana Cinch, Marquette University; Boiana Pegau, Marquette University; Morgan Christoph, Marquette University; Meghan Bennett, Marquette University; Jacklynn Fitzgerald, Marquette University
This literature review examined accuracies of machine learning algorithms for predicting valence, arousal, and emotion type. The literature used was discovered by searching: "machine learning"; "EEG"/
"electroencephalogram"/ "event related potential"/ "ERP; "emo*"/ "affect*".
Results showed high accuracies for valence, arousal, and stimuli type, suggesting strong predictability in arousal and valence.

19 Adolescent-parent conflict, demands, and affect: Examination at the daily level

Laura Finan, Illinois State University; Miranda Ellis, Illinois State University; Jake Solka, Illinois State University

This study investigated the additive impact of conflict with mothers and fathers and stressful demands on adolescents affect at the daily level. Hierarchical linear regression results from daily diary surveys revealed a positive relationship between conflict with mothers and negative affect for those experiencing greater daily demands.

20 Emotional Benefits of Brief Creative Movement and Art Interventions

Heather Mangelsdorf, Elmhurst University; Nikki Zimmermann, North Central College

Sixty college students participated in a brief creative movement or art intervention. Both interventions led to significant reductions in stress and negative affect and increases in positive affect, suggesting that partaking in creative movement or art can psychologically help college students in the short-term.

21 The Relationship between Self-Affirmation and Self-Esteem in Adolescents

Daniel Lannin, Illinois State University; Jacqueline Bible, Illinois State University; Peter Harris, University of Sussex; Jordan Arellanes, Illinois State University; Luke Russell, Illinois State University; Ani Yazedjian, Illinois State University

When encountering threats to their self-concept many will respond by self-affirmation. The present study found self-affirmation linked to increased self-esteem among adolescents over a 4-month period, suggesting that reflecting on positive values, relationships, and strengths may be one way adolescents maintain a positive and stable sense of self.

22 Cross-Cultural True Self: Self-Essentialism in Japan and America

Maeve O'Sullivan, DePaul University; Alyssa Byers, DePaul University; Ellen Dulaney, DePaul University; Mika Hirai, Yokohama City University; Verena P Graupmann, DePaul University

Essentialist true self beliefs have been linked to higher well-being in the United States. In Japanese and American undergraduates, less independent participants showed the strongest positive link between self-essentialism and well-being. Despite these countries' contrasting views of the individual, essentialist self-views seem connected to improved well-being across cultural contexts.

23 Self-Enhancement and State Authenticity

Corey Guenther, Creighton University; Alexandra Holt, Creighton University; Noelle Schnelle, Creighton University; Taylor Shreve, Creighton University; Gabriella O'Connor, Creighton University; Constantine Sedikides, University of Southampton; Mark Alicke, Ohio University

The present study demonstrates that, in contrast with existing frameworks that suggest authenticity emerges when individuals are unbiased in their awareness and processing of both strengths and weaknesses, state authenticity is highest when self-enhancement concerns are satisfied. These findings suggest that biased processing—not unbiased—may promote feelings of authenticity.

24 I'm Supposed to Know This: Motivation and the Dunning-Kruger Effect

Anthony Hermann, Bradley University; Alec Ducham, Bradley University

This study examines the effects of an experimental manipulation of motivation to overestimate on the Dunning-Kruger effect. Results indicated a replication of the Dunning-Kruger effect, but no evidence of moderation by experimental manipulation or by level of personal interest.

25 Exploring the Antecedents of Value Importance

Nicholas Khaligh, The Ohio State University; Duane T. Wegener, The Ohio State University

How do individuals come to the conclusion that a value is important to them? First, we explore several potential antecedents to subjective value importance. Then, we use a classic availability paradigm to see if individuals use the frequency of their value-expressive behaviors to judge the importance of their values.

26 Explaining the Effects of a Family Intervention after One Year

Haleigh Czarnecki, University of Notre Dame; Sarah Hoegler, University of Notre Dame; E. Mark Cummings, University of Notre Dame
This study was a 1-year follow-up evaluation of the Family Communication Project, an intervention designed to promote constructive communication within community families. Parent-adolescent communication quality in the parent-adolescent condition was improved via the mediating effect of adolescents' conflict knowledge; this pathway was not significant for the parent-only condition.

27 Maternal Stress, Parenting Behaviors, and Work-Orientation among Adolescents with ADHD

Jamie Flannery, University of Notre Dame; Dawn Gondoli, University of Notre Dame; Christine Steeger, University of Colorado Boulder; Bradley Gibson, University of Notre Dame

We examined a model in which the relation between maternal stress and adolescent work orientation was mediated by maternal autonomy promotion and poor monitoring and supervision. Utilizing a SEM approach, results supported the hypothesized mediational pathway. Results suggest that interventions targeting maternal stress and parenting may improve adolescent's work orientation.

28 Body Dissatisfaction Moderates Mother-Daughter Fat Talk and Dieting Relationship

Jessica Hocking, University of Notre Dame; Dawn Gondoli, University of Notre Dame

We examined whether daughter's body dissatisfaction moderates the

relationship between mother-daughter fat talk and daughter's dieting behaviors. Hierarchical regression analyses indicated a significant two-way interaction. Specifically, mother-daughter fat talk predicted higher levels of dieting behaviors among daughters with low body dissatisfaction. Implications for body image interventions are discussed.

29 Mind-mindedness in Adoptive Parents of Preschool Children

Brenda Lundy, Purdue University Fort Wayne; David Scott, Purdue Fort Wayne; Mikayla Baumgarte, Purdue Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Alyssa Stoy, Purdue University Fort Wayne; Jessika Schaden, Purdue Fort Wayne; Elana Kayser, Purdue University Fort Wayne Mind-mindedness was assessed in adoptive and biological parents of preschool children. Consistent with previous research conducted in the UK, adoptive parents in the U.S. scored lower in mind-mindedness compared to their biological counterparts. Low levels of mind-mindedness in adoptive parents were associated with less optimal parenting practices.

30 Self-Regulation, Self-Regulatory Mode, and God Attachment

David M. Njus, Luther College; Gretchen Blain, Luther College Subjects (n=394) completed measures of behavioral self-regulation and two self-regulatory modes (assessment and locomotion); adult attachment (romantic and friend); and God attachment. After controlling for adult attachment, God attachment was related to higher levels of overall self-regulation and to lower levels of regulatory assessment.

31 Attachment to God and Self-Control

David M. Njus, Luther College; Amelia Hornseth, Luther College Participants (N=695) completed measures of self-control (general and dispositional), adult attachment (romantic and friend), and God attachment. After controlling for sex, age, and adult attachment, insecure God attachment was related to lower levels of self-control.

32 The Effect of Mindful Prayers on First-Generation Immigrant/Refugee Muslim Women's Wellness

Julia Pawlowski, Marquette University; LeeZa Ong, Marquette University The purpose of this study is to explore impact of prayer on the wellness and mental health of first-generation, immigrant/refugee, Muslim women in the Milwaukee area. Through a qualitative research design, the project examines participants' attitudes towards Salah and Jamaat (communal) prayers and the role of mindfulness in prayers.

33 Adult Romantic Attachment, Messaging Preferences, and Relationship Quality

Prit Patel, Miami University; Gregory Webster, University of Florida; Elizabeth Mahar, University of Florida

The present study aimed to examine the association between attachment style, relationship quality, and messaging frequency preferences. People with higher attachment anxiety were more likely to desire more frequent messages than they received and people with higher avoidance levels were more likely to desire less frequent messages than they received.

34 Exploring the Relationships among Attachment Anxiety, Mindfulness, Rumination, and Conflict Styles

Rachael Quickert, Queen's University; Tara MacDonald, Queen's Univeristy We explored relationships among attachment anxiety, mindfulness, rumination, and negative conflict styles. Both mindfulness and rumination together mediated the relationship between attachment anxiety and negative conflict styles. Further, individuals high in attachment anxiety reported more negative practical experiences with mindfulness, which was partially explained by increased experiential avoidance.

35 Masks are Attractive: COVID-19 Attitudes, Behaviors, and Relationship Satisfaction

Alyssa McCoy, University of Northern Iowa; Helen C. Harton, University of Northern Iowa

College students completed a survey about their relationship pre- and post-COVID. We assessed how differences in romantic partners' attitudes and behaviors related to COVID-19 affected relationship satisfaction. We did not find a relationship, but this may be due to high levels of similarity between partners in our sample.

36 An Exploratory Analysis of "Talking" in High School Relationships

Christina Michaels, Illinois State University; Mikayla Foreman, Illinois State University; Jacqueline Bible, Illinois State University; Luke Russell, Illinois State University; Daniel Lannin, Illinois State University; Ani Yazedjian, Illinois State University; Keeley Hynes, Illinois State University; Alexandra Horton, Illinois State University

The way that youth label their romantic relationships may provide important insight into interpersonal and intrapersonal processes that influence how they navigate their first romantic encounters. The present study found that "talking" relationships involved less exclusivity, different modes of and

amounts of communication, and served different purposes than romantic relationships.

37 Measuring BDSM Participation Among Adults

Michelle Drouin, Purdue University Fort Wayne; Ellis Hernandez, Purdue University Fort Wayne; Justin Garcia, Indiana University; Nicole Saari, Purdue University Fort Wayne; Robert Nicola, Purdue University Fort Wayne; Andrew Brown, Purdue University Fort Wayne; Catalina Todd, Purdue University Fort Wayne; Ryan Boyd, Lancaster University BDSM practices appear to be common based on our survey of college students and U.S. adults via MTurk. However, based on question asked, these measures gave slightly different perspectives on BDSM participation, some capturing more mainstream practices, and others capturing practices more inherent to the BDSM subculture.

38 Do Facets of Agreeableness Relate to Young Adult Relationship Satisfaction?

Jessica Harangozo, Cleveland State University; Halle Letizio, Cleveland State University; Clare Lynn, Cleveland State University; Frances Bull, Cleveland State University; Nana Frimpong, Cleveland State University; Liz Goncy, Cleveland State University

The association between facets of agreeableness with relationship satisfaction were examined, revealing positive correlations in both morality and cooperation with relationship satisfaction. Trust moderated the association between morality and relationship satisfaction. Low morality and low trust were associated with low relationship satisfaction, indicating which facets of agreeableness influence romantic relationships.

39 Qualitative Analysis of American Couples' Typical and Ideal Bedtime Routines

Michelle Drouin, Purdue University Fort Wayne; Brandon McDaniel, Parkview Mirro Center for Research & Innovation; Laci Johnson, Purdue University Fort Wayne; Abigail Applegate, Purdue University Fort Wayne; Brandi Warner, Purdue University Fort Wayne; Rachel Delaney, Purdue Fort Wayne; Katlyn Moss, Purdue University Fort Wayne In this qualitative study, we examined the presence of different types of activities in cohabiting couples' typical and ideal bedtime routines. Overall, couples reported less time together engaged in intimacy-building activities and more time apart in their typical (as opposed to their ideal) bedtime routines.

40 Best Practices for Teachers of Youth Relationship Education Programs

Mikayla Foreman, Illinois State University; Christina Michaels, Illinois State University; Jacqueline Bible, Illinois State University; Luke Russell, Illinois State University; Daniel Lannin, Illinois State University; Ani Yazedjian, Illinois State University; Keeley Hynes, Illinois State University; Alexandra Horton, Illinois State University

This study examined best teaching practices in supplementary education programs, such as those that educate adolescents on healthy relationships, job-readiness skills, and financial literacy. Using focus groups, conducted over 5 years, this study found effective relationship education facilitation centers around the importance of course content, teacher characteristics, and teacher-student connection.

41 Romantic relationship satisfaction may protect against PTSD symptoms

Hannah Breen, Cleveland State University; Liz Goncy, Cleveland State University

Post-traumatic stress disorder (PTSD) symptoms may result from various traumatic life events. Some aspects of life may protect against symptoms. This study shows that high romantic relationship satisfaction can buffer against symptoms of avoidance and intrusion, but not arousal and reactivity or hypervigilance.

42 Sexual Regret...Then What?

Jill Coleman, Roosevelt University; Alana Friedlander, Roosevelt University; Janessa Garcia, Roosevelt University; Molly Antimarino, Roosevelt University

This study examined how men and women respond behaviorally to their regrets about casual sexual experiences. Our findings suggest that men and women show similar behavioral responses to regretted casual sex experiences, with similar numbers of men and women reporting that they stopped having casual sex after the regretted experience.

43 Perceptions of People with Mental Illness as Exploitable

Guy Boysen, McKendree University; Erika Axtell, McKendree University; Abigail Kishimoto, McKendree University; Breanna Sampo, McKendree University

According to evolutionary psychology, exploitation is one method for acquiring resources. Previous research shows that people see mental illness as a cue that a person can be exploited for sex. The current research extends that

finding by showing that the perceived exploitability associated with mental illness generalizes to other domains.

44 Changes in women's mating costs predict cross-cultural changes in sociosexuality

Matthew Foley, Saint Xavier University; Angela Pirlott, Saint Xavier University

Parental investment theory suggests that some behavioral sex differences evolved from sex differences in parental investment (i.e., pregnancy, lactation): Women's greater physiological mating costs elicited their greater sociosexual restrictedness. Although biological mating costs cannot change, sociocultural costs can. Do sociocultural shifts in women's mating costs predicted shifts in women's sociosexuality?

45 Destructive Interparental Conflict: Moderating Effect of Emotional Awareness on Attachment

Amanda Barry, DePaul University; Lucy Allbaugh, University of Dayton; Fiona O'Malley, University of Dayton; Jasmine Marsh, University of Dayton; Margaret Wright, Miami University

Exposure to destructive interparental conflict can negatively impact adult romantic attachment anxiety, in part through impaired child-parent attachment. This relation may be stronger for children more acutely aware of their emotions; heightened awareness may underlie a sensitization to interparental conflict and exacerbate its harmful impact on parent-child and adult relationships.

46 Burnout, Motivation, and Posttraumatic Growth in Medical Students

Katherine Fraus, Oakland University; Emily Burley, Oakland University; Nicolas Baker, Oakland University William Beaumont School of Medicine; Kanako Taku, Oakland University

This study examines the relationship between academic motivation, burnout, and posttraumatic growth (PTG) within medical students. Results indicate that intrinsic motivation for stimulation is correlated with PTG. Amotivation demonstrated moderate correlations with greater burnout and lower PTG, suggesting that lack of motivation has the greatest influence on burnout and limiting PTG.

47 The Role of Horizontal-Vertical Individualism-Collectivism in Test Anxiety

Christopher Thomas, The University of Texas at Tyler This study investigated the influence of the vertical and horizontal dimensions of culture on test anxiety. Results indicated vertical and horizontal collectivism were predictive of the cognitive manifestations of test anxiety. Also, vertical individualism was shown to be predictive of the social manifestations of test anxiety.

48 Cultural Rupture Resolution Strategies and Therapeutic Working Alliance

Elaine Yeo, Roosevelt University; Susan Torres-Harding, Roosevelt University; Amy Erlich, Roosevelt University

Racial microaggressions in therapy are a form of cultural rupture that may harm the therapeutic alliance. This study found that therapy microaggressions were harmful to all components of the therapeutic alliance. Additionally, therapists actively and collaboratively addressing cultural ruptures through rupture resolution strategies may be important to preserve the therapeutic alliance.

49 Invariance of the Liebowitz Social Anxiety Scale: US/Japanese Samples

Aaminah Khan, Rosalind Franklin University of Medicine and Science; Steven A. Miller, Rosalind Franklin University of Medicine and Science Measurement invariance testing was performed on nine items of the Liebowitz Social Anxiety Scale to assess if the measures of the construct function similarly across Japanese and US samples (N=1027, N=1255, respectively). The nine items demonstrated configural and weak invariance. Six of nine items demonstrated partial strong invariance.

50 Acculturation and Adaptation to COVID-19

Edward Dodd, Murray State University; Esther Malm, Murray state University; David Sam, University of Bergen; Collins Agyemang-Badu, University of Ghana; Elias Kodjo Kekesi, University of Ghana
This study examined cultural differences in coping with the COVID-19 pandemic across three continents. The results found that while individuals differed in the extent to which they had changed their lives in response to the virus, there was no significant difference in comfort with following orders from governmental/healthcare professionals.

51 Cultural Beliefs and Work-Life Balance

Carolyn Rauti, University of Windsor; Catherine Kwantes, University of Windsor

Research results suggest that cultural beliefs may influence how 'work-life balance' is viewed. Those who strongly endorse reward for application

cultural beliefs report that work-life balance is associated with fulfillment, whereas those with who strongly endorse social flexibility cultural beliefs report that work-life balance is associated with effort and health.

52 Ethnic Identity Exploration in Chinese and Korean American Adoptees

Tatum Leclair, Loyola University Chicago

Ethnic identity exploration was examined in Chinese and Korean adoptees with White, American parents. Exploration was determined by opportunity awareness and personal interests. Implications include universities' and social media websites' continued support of relevant exploration opportunities. Future research will explore how funding ethnic identity exploration opportunities impacts this population's well-being.

53 Honor Values & Self-Construal

Tracie-Lynn Renee, Iowa State University; Vanessa Castillo, Iowa State University; Susan Cross, Iowa State University; Ayse Uskul, University of Kent; Alexander Kirchner-Hausler, University of Kent; Vivian Vignoles, University of Sussex

Cultural values, or the extent to which someone believes how they or others ought to act, can predict someone's behavior. Traditionally when studying cultural differences, researchers mainly focus on between cultural differences rather than within cultural differences. This study looks at socioeconomic status, honor values, and self-construal.

54 Treatment of LGBTQ+ Students on Same Sex and Co-ed Campuses Madeleine Green, Saint Mary's College

A study was done to investigate the treatment of LGBTQ+ students at a same sex college versus a co-ed college. Comparisons were made between the school's available campus support and the amount of pride the students felt for their schools, as well as their positive and negative personal experiences.

55 Early Anger, Inhibitory Control, and Distraction: Implications for Cognitive Performance

Michele Miller, University of Illinois Springfield; Julia Mayes, University of Illinois in Springfield; Elise R. Simmons, University of Illinois Springfield Data from caregivers and experimenters indicate that in preschool-aged children low inhibitory control is associated with poor attention, anger, and distraction, which is negatively associated with cognitive performance. Multiple regression analyses additionally reveal that both anger and

distraction significantly predicted inhibitory control while controlling for family income.

56 Autobiographical Memories and Attachment Predict Self-Regulation and Personal Distress

Meredith McGinley, University of Wisconsin-Parkside; Brieanna Muzzy, University of Minnesota Duluth; Miracle Hermann, University of Wisconsin-Parkside

We examined the contributions of parental attachment and autobiographical memory valence on self-regulation and personal distress in N=153 undergraduates. Supporting the "Broaden and Build" Theory (Fredrickson, 2001), for those with more positive memories, relations between attachment and a) self-regulation became more positive and b) personal distress became more negative.

57 Adaptive Skills and Behaviors as Predictors of Girl Scouts Values

Anna Sroka, Center for Childhood Resilience; Jaclyn Russo, Center for Childhood Resilience; Liga Eihentale, Center for Childhood Resilience; Paris Singleton, Center for Childhood Resilience; Karen Gouze, Center for Childhood Resilience

Families from marginalized and under-resourced communities face numerous challenges. Cultivating social-emotional skills through after-school programming may support positive youth development among at-risk youth. This study examines associations between social-emotional skills and The Girl Scouts outcomes of resilience. Results offer implications on how to best support youth through effective programming.

58 Latino/a Parents' Childhood Experiences, Caregiving, and their Preschoolers' Social Skills

Maria Radulescu, Loyola University Chicago; Zahra Naqi, Loyola University Chicago; Viktoria Kontseva, Loyola University Chicago; Christine Li-Grining, Loyola University Chicago

This research examines how Latino/a parents' adverse and positive childhood experiences are associated with parenting practices and their young children's social skills. Mothers and teachers of 33 preschoolers participated in this study. Significant correlations emerged among parents' positive childhood experiences, warm and supportive parenting, and their children's social adjustment.

59 Emotion Language and School Readiness: Gender Differences among At-Risk Children

Kari Eidnes, Michigan School of Psychology; Supriya Singh, University of Detroit Mercy; Christopher Trentacosta, Wayne State University
The study examined parent emotion language and academic readiness among 55 parents and their preschool-aged child. Findings suggested that patterns of associations between parent emotion language and academic readiness may differ for boys and girls. These findings and future research could inform programs for families with young children.

60 Comparing Adverse Childhood Experiences and the Evolved Developmental Niche

Joel Devonshire, University of Notre Dame; Aolanni Mitchell, University of Notre Dame; Jessica Reeg, University of Notre Dame; Riana Tarabocchia, University of Notre Dame; Christian Llantero, University of Notre Dame; Kate Tarvestad, University of Louisville; Mary Tarsha, University of Notre Dame; Darcia Narvaez, University of Notre Dame In an online study, we compared the predictive power of childhood evolved developmental niche history with adverse childhood experience (ACES) on sociomoral outcomes, such as distrust, aggression, life satisfaction, attachment, and worldviews. The positive experiences measured by the EDNH were generally more predictive than ACES.

61 Does handedness predict social emotional development?

Derek Kemp, Illinois State University; Julie Campbell, Illinois State University; Eliza Nelson, Florida International University
Preschool students' handedness and social interactions were observed during art classes. Results showed significant results that having a dominant hand predicts the frequency of positive social emotional peer to peer interactions in preschoolers. The development of handedness could lead to children obtaining stronger social emotional skills.

62 Birth Order and Behavior Problems in 3-year-olds

Alexandra Hamlin, Wayne State University; Anna Rushing, Wayne State University; Christopher Trentacosta, Wayne State University; Marjorie Beeghly, Wayne State University; Moriah Thomason, New York University The current study attempted to clarify the relationship between birth order and socioemotional functioning among 137 three-year-olds from an ongoing longitudinal study in an urban setting. There was very limited evidence for differences in socio-emotional functioning based on birth order.

63 Impacts of parental marital status and conflict on social capital

Mariana Juras, Eastern Illinois University; Emily Donar, Eastern Illinois University; Brooke Gibson, Eastern Illinois University

The purpose of this study was to determine whether parents' marital status and a young adult child's perception of parental conflict would have an impact on their social capital, which in this study consisted of social competence and social support.

64 Examination of Student Perspectives of a School-Based DBT-A Intervention

MacKenzie Whitener, IUPUI; Lindsey Jones, Indiana University – Purdue University Indianapolis; Shirin Khazvand, IUPUI; Tamika Zapolski, IUPUI Dialectical Behavior Therapy for Adolescents (DBT-A) can decrease risk for adverse health outcomes among youth. However, little is known about adolescents' perspectives of the intervention. Thirty-six youth participated in a DBT-A intervention, and indicated enjoyment of the intervention, recommended it for their peers, and reported positive social-emotional skill development.



Aggression

Sat 10:30AM - 12:20PM

On Demand 04

10:30 Content Variation in Jury Instructions in Fatal-Police-Use-of-Force Trials

Chasity Ratliff, Southeast Missouri State University Jurors' attitudes toward police can shape interpretations of trial evidence in fatal-police-use-of-force trials. The language in jury instructions, however, might influence the effect of jurors' attitudes toward police on verdict decisions. Individual mock-jurors viewed a trial presentation in which a police officer was charged with first-degree murder for illegal use-of-force.

10:45 Trait Hostility Moderates the Victim-Perpetrator Asymmetry Randy J. McCarthy, Northern Illinois University; Alison Rivers, Northern

Illinois University
Victims often perceive aggressive behaviors as more harmful than

perpetrators. We present two studies showing that this victim-perpetrator asymmetry was moderated by trait hostility. Victims who are high in trait hostility are most likely to view behaviors as especially harmful.

11:00 Are mindful people less aggressive?

El-Lim Kim, Iowa State University; Douglas A Gentile, Iowa State University; Christopher Barlett, Iowa State University; Craig Anderson, Iowa State University

Mindfulness is associated with lower aggression, but it is unclear what mechanisms may mediate this. A community sample of U.S. adults completed an online survey. Lower expressive suppression and rumination mediated the relation between mindfulness and aggression, although not all facets of mindfulness predicted lower aggression.

11:15 Replications of the 'Voodoo' doll Paradigm to Study Aggression

Madalynn McKenzie, Southern Illinois University Edwardsville; Jocelyn Rahim, Southern Illinois University Edwardsville; Gabriela Shea, Southern Illinois University Edwardsville; Marcus Washington, Southern Illinois University Edwardsville; Joel Nadler, Southern Illinois University Edwardsville

We examined using a 'voodoo' doll to study aggression through replications of DeWall et al.,'s (2013validation of using a 'voodoo' doll to measure aggression. The 'voodoo' doll paradigm was tested with both an exact and a conceptual replication. Results support the continued use of the methodology for inferring aggression.

11:30 Celebrity Scandals Revisited: Judgments about Sexual Assault

Doug Krull, Northern Kentucky University; William Platt, Northern Kentucky University

We investigated the effect of the accuser's sex, relative intoxication, the accused's excuse, and relative celebrity status using hypothetical scenarios. Female accusers were considered more credible, accusers were considered less credible when intoxicated and when the accused made a counter-claim of assault, but no effect of celebrity status was found.

11:45 BDSM Sadists Demonstrate Prosocial Manifestations of Sadism

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

A total of 532 BDSM practitioners and non-practitioners completed measures of everyday sadism, empathy, the HEXACO, and the Dark Triad. Consistent correlations with everyday sadism were found. BDSM sadists differed from

BDSM tops only for nonconsensual physical sadism. This suggests BDSM sadism might represent a prosocial manifestation of subclinical sadism.

Work & Identity

Sat 10:30AM - 12:20PM

On Demand 08

10:30 A Process Model of Inclusion at Work

Dulce Vega, Saint Louis University

Numerous studies on diversity and inclusion have served to inform organizations of the benefits reaped by instilling inclusion at work. I examine the process of how inclusion is instilled at work. A model is presented that examines inclusion at the organizational, group, and individual levels.

10:45 Exploring Organizational Identity-Safety Cues for Lesbian and Gay Employees

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

11:00 Perceptions of adjustment to a new career: Does motherhood matter?

Danka Maric, STEM Education Innovation and Research Institute, Indiana University-Purdue University, Indianapolis; Kanila Brown, Ball State University; Katie Lawson, Ball State University

We examined whether participants perceived mothers (compared to fathers and non-parents) entering a computer science career (compared to nursing) as less adjusted than their counterparts. There were no significant effects for target gender, but parents (v. non-parents) and those in computer science (v. nursing) were perceived as less adjusted overall.

11:15 Respect and Identification Predict Perceptions of Gender-Equality Within an Organization

Krishna Bhadu, University of Kansas; Charlotte Moser, University of Kansas;

Nyla Branscombe, University of Kansas

We found that identification with a male-dominated company positively predicted views that an organization values gender-equality for women but not men. Respect toward women positively predicted perceptions of organizational gender-equality regardless of participant gender. These results suggest that increasing organization identification may be especially beneficial for women in STEM.

11:30 Imposter Syndrome, Resiliency, and Burnout: Effects During Emergency Medicine Residency

Brittney Amber, Indiana University Purdue University Indianapolis; Kristyn Lukjan, Indiana University Purdue University Indianapolis We investigated the effects of imposter syndrome on burnout among emergency medicine interns. We found that after controlling for initial burnout symptoms and demographic factors, imposter syndrome led to higher burnout symptoms one year later. Moreover, resilience, or how one adapts to difficult situations, mediated this relationship.

Autobiographical Memory

Sat 10:30AM - 12:20PM

On Demand 05

10:30 Vicarious Memory and Donation Behavior: The Directive Function of Vicarious Memory

Kristina Steiner, Denison University

Autobiographical memory research focuses on personally experienced events, but people do have vivid recollections of episodes that happened to others. These vicarious memories are created from second-hand verbal descriptions of the event. This talk will describe research on the directive function of vicarious memories and specifically their influence on donation behavior.

11:05 Lineup / Showup Differences: Filler Siphoning vs. Diagnostic Feature Detection

James Lampinen, University of Arkansas; Nia Gipson, University of Arkansas; Amber Giacona, University of Arkansas; Andrew Provenzano, University of Arkansas; Andrew Smith, Iowa State University; Laura Smalarz, Arizona State University; Gary Wells, iowa State University Lineups outperform showups in terms of providing reliable eyewitness identifications. This project compares two theories for why that is: Diagnostic Feature Detection and Differential Filler Siphoning. Results support the Differential Filler Siphoning hypothesis.

11:25 Examining the Relationship between Self-Efficacy, Retrieval Practice, and Memory

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

In this study, we examined whether retrieval practice improves self-efficacy and whether self-efficacy underlies the benefit of retrieval practice. We replicated the typical retrieval practice effect and found that self-efficacy was positively related to memory performance. This work shows additional evidence of a relationship between self-efficacy and memory performance.

11:45 Audience, Trust, and Elaboration Shape Perceptions of Past Experiences

Abby Boytos, Iowa State University; Kristi Costabile, Iowa State University This project examined the influence of audience on autobiographical recall. Results demonstrated that participants who described a past event to a positive audience demonstrated more positive perceptions about the event than participants who described an event to a negative audience, an effect that was facilitated by elaboration and epistemic trust.

Moral Psychology

Sat 10:30AM - 12:20PM

On Demand 07

10:30 Beyond Deontology & Utilitarianism: The Virtue Ethics of Sacrificial Dilemmas

Paul Conway, Florida State University`

Theorists describe sacrificial dilemmas where harm maximizes outcomes in terms of deontological and utilitarian ethics. Data from 7 process dissociation studies (N = 2764) suggest that dilemmas should be understood in terms of virtue ethics instead: as virtuous people torn between multiple moral options and less virtuous people less torn.

10:45 An Existential-Positive Psychology Approach to Meaning and Suffering

Daryl Van Tongeren, Hope College; Sara A. Showalter Van Tongeren, Private Practice

Some people's lives are indelibly shaped by suffering. Many existing therapeutic approaches, from a medical model, treat suffering as mental illness and seek curative solutions. We present a new integrative existential

positive psychology model focused on helping clients cultivate meaning, so they can flourish in adversity.

11:00 "It's Just Wrong... but why?": Trying to Understand Moral Dumbfounding

Cillian McHugh, University of Limerick; Marek McGann, Mary Immaculate College; Eric Igou, University of Limerick; Elaine Kinsella, University of Limerick

Moral dumbfounding occurs when people defend a moral judgment even though they cannot provide a reason in support of this judgment. Across 14 studies (N = 2249) we developed methods and materials for measuring and testing dumbfounded responding. We then identified situational features and individual differences that moderate dumbfounded responding.

Nontraditional Social Connections

Sat 10:30AM - 12:20PM

On Demand 01

10:30 I have the Internet! I don't need you: Access to the Internet as a means to satisfy fundamental needs

Brad Okdie, The Ohio State University

Our fundamental needs have not changed, but how we attain them has. In this talk, I show that internet access offers new ways to satisfy fundamental human needs, provide a framework for predicting when people choose digital rather than physical need satisfaction, and demonstrate the inequality of these satisfaction methods.

11:00 Motivated Information Processing and Advice Taking in Groups

Young-Jae Yoon, Loyola University Chicago; Hea-Kyung Ro, Sookmyung Women's University; James Larson, Loyola University Chicago; Yewon Son, Sookmyung Women's University; Yein Yeo, Sookmyung Women's University

We conducted a correlation study and a laboratory experiment to examine how epistemic motivation influences advice seeking in groups. Across the studies, we found that groups with high levels of epistemic motivation are more willing to seek advice than those with low levels of epistemic motivation.

11:15 Public Shaming: A fitting punishment for harmful transgressions C.J. Erion, University of Wyoming; Alexandra N. Bitter, University of

Wyoming; Sean McCrea, University of Wyoming; Karen Bartsch, University of Wyoming

Public shaming involves attempts to punish perceived transgressions by embarrassing or humiliating the perpetrator. Two exploratory studies and an experiment demonstrated that public shaming is viewed as a more appropriate response for behaviors that are likely to harm others, compared to other types of transgressions.

11:30 From Experience to Environmentalism: Pet Mind Ascription Predicts Pro-Environmental Outcomes

Brandon Humphrey, Miami University; Tyler Jacobs, Miami University; Allen McConnell, Miami University

Protecting the environment is important, and pet ownership may facilitate this protection. We found that people who view their pets' minds as possessing greater capacity for experience showed greater environmental concern, greater moral inclusiveness, and more pro-environmental behavioral intentions, suggesting that particular aspects of pet ownership could promote pro-environmental action.

11:45 When "Others" Are More Important Than the "Self"

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

Psychopathy: Research & Practice Implications

Sat 10:30AM - 12:20PM

On Demand 03

1 Psychopathy: Research and Practice Implications

Rod Hoevet, Maryville University of Saint Louis; Michelle Rabinovich, Maryville University of St Louis

Exploration of the many facets of psychopathy, including the history, neurobiological, neuropsychological, childhood, developmental, and psychodynamic factors that contribute. Participants will learn the proper definition and conceptualization, as well as how it compares and differs from other conditions. Assessing and recognizing psychopathy and treatment considerations are addressed.



Professional Development: Highly Resilient Practitioners: Connectedness in Times of Disconnection

Sat 10:30AM - 12:20PM

On Demand 02

10:30 Highly resilient practitioners: Connectedness in times of disconnection

Sarah Cronin, Bemidji State University; Tom Allen, Minnesota State University, Mankato

This session will promote early career psychologist resilience and connectedness. Using the framework of practitioner resilience from Skovholt & Trotter-Matthison (2016) and Hou & Skovholt's (2020) Characteristics of Highly Resilient Therapists, two fellow early career faculty and psychologists will share findings that facilitate resilience and promote a budding early career.



Clinical & Developmental: Poster Session II

Sat 12:30PM - 2:20PM Poster Room

1 Multiple Dimensions of Organized Activity Participation and Adolescent Risky Behavior

Amy Governale, North Park University

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

2 Consequences of picky eating in college students

Lauren Dial, Bowling Green State University; Amy Jordan, Bowling Green

State University; Elizabeth Emley, Bowling Green State University; Harrison Angoff, Bowling Green State University; Aniko Viktoria Varga, Bowling Green State University; Dara Musher-Eizenman, Bowling Green State University

This study explored picky eating behaviors and identity, well-being, and dietary intake in college students.vPicky eaters reported greater social phobia, lower quality of life, and lower fiber and fruit/vegetable intake than non-picky eaters. Picky eating behavior was positively related to internalization of picky eating identity and bias.

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

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

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

4 Analysis of first-year undergraduate students' motivations to improve sleep behavior

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

Previous research has linked sleep deprivation to health and cognitive deficits. The current study examined how risk factors of sleep deprivation motivated undergraduate students to change their sleep behavior. Findings demonstrated that statements regarding the negative impacts of sleep deprivation on physical and mental health were most influential.

5 Sexual orientation: A moderator between sexual permissiveness and sexual partners

Michaela Steiner, Cleveland State University; Noel Scanlon, Cleveland State University; Evan Basting, Cleveland State University; Liz Goncy, Cleveland State University; THRiVE Collaborative, Cleveland State University Sexual minority status was hypothesized to act as a moderator between sexual permissiveness and number of sexual partners for oral, penile-vaginal, and anal sex.

6 First-Generation Status, Physiological Markers of Stress, and Mental Health

Michelle Perpich, University of Minnesota-Duluth; Mariah Ravet, University of Minnesota-Duluth; Brieanna Muzzy, University of Minnesota Duluth; Rebecca Gilbertson, University of Minnesota -- Duluth First-generation status, physiological markers of stress, and mental health. Michelle R. Perpich, Mariah K. Ravet, Brieanna Muzzy, Rebecca J. Gilbertson, University of Minnesota Duluth. This study assessed physiological and behavioral markers of stress in control versus stress groups along with first-generation and continuing-generation students. Results showed that being in the

7 Understanding College Students' Suicidality: Investigating Financial and Living Situations

Mackenzie Herrman, Missouri Western State University; Kennedy Hibbs, Missouri Western State University; Jared Parsons, Missouri Western State University; Brittany Addison, Missouri Western State University; Jon Mandracchia, Missouri Western State University

Emerging adult college students experience stressors that perpetuate suicidality. Consistent with the interpersonal theory of suicide, interpersonal hopelessness predicted suicide ideation among traditionally-aged college freshmen. Housing circumstances, financial circumstances, and adverse childhood experiences, however, did not predict interpersonal hopelessness. Implications for counselors who serve college students are explored.

8 Teacher Characteristics, School Climate, and Problem Behavior in High School Students

Brea Banks, Illinois State University; Tyra Jackson, Illinois State University This study examined the schooling experiences of students of color at a Midwestern high school by assessing the impact of teacher characteristics and perceptions of school climate predict participants' self-report of problem behavior.

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

Jennifer Ishaq, Cleveland State University; Kelly Solano, Cleveland State University; Liz Goncy, Cleveland State University; Klarissa Zeno, Cleveland State University

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

10 Comparison of teacher, student reactions to social emotional learning curriculum

Anushree Dhawan, Coe College; Kathryn Mason, Coe College; Samantha Brown, Coe College; Alex Casillas, ACT

This study compared teacher perceptions of engagement and student reported enjoyment of a social emotional learning curriculum, as well as the knowledge gained by students. Results indicated that students tend to enjoy the curriculum more than the teachers perceive and that approximately 70% of respondents accurately respond to knowledge questions.

11 Teacher evaluation of a social-emotional learning curriculum for 9th graders

Everett Goist, Coe College; Nicholas Sohm, Coe College; Anushree Dhawan, Coe College; Samantha Brown, Coe College; Alex Casillas, ACT This study investigates qualitative themes from teacher responses regarding a social-emotional learning curriculum. Data include open-ended responses to the strengths, weaknesses, and concerns with engagement regarding a specific curriculum and discussion includes how this curriculum could be improved based on these responses.

12 Perceived Parenting Styles and Need Fulfillment on Emerging Adults' Well-Being

Dakota Leget, University of Minnesota Duluth; Emily Jansen, University of Minnesota Duluth; Elaine Marshall, University of Minnesota Duluth; Emily Peterson, University of Minnesota Duluth; Rick LaCaille, University of Minnesota Duluth; Lara LaCaille, University of Minnesota Duluth This study examined incoming college students' perceptions of parenting

styles and associations among need satisfaction/frustration and well-being and health behaviors. Analyses indicated that perceptions of parenting and need satisfaction/frustration were more clearly associated with well-being than measures of health behaviors.

13 Education, Quality of Life, and Disability: Self-Esteem's Mediating Role

Meena Chockalingam, Illinois Institute of Technology; Alison Oh, Illinois Institute of Technology; Frane Santic, Illinois Institute of Technology; Nicole Ditchman, Illinois Institute of Technology

Within a sample of young adults with disabilities, this study highlights the potential influence that higher education can have on quality of life through the mediating variable of self-esteem. This supports the importance of advocating for higher educational attainment and enhancing resources to strengthen self-esteem within this population.

14 Popularity goal, popularity status insecurity, and psychological maladjustment

Mingqi Li, DePaul University; Yan Li, DePaul University; Ziyue Cui, DePaul University

This study examined popularity status insecurity as a mediator of the relationship between popularity goal and psychological maladjustment (depression & anxiety) six months later in a sample of Chinese middle school students, and how popularity status change (rise versus fall) across this time period might moderate these mediation processes.

15 Predicting Criminality for Justice Involved Youth from Mental Health

Romain Decrop, Bowling Green State University; Miranda Yannon, Bowling Green State University; Mytien Le, Bowling Green State University; Abigail McDevitt, Bowling Green State University; Carolyn Tompsett, Bowling Green State University

This study uses the Global Appraisal of Individual Needs Short Screener (GAIN-SS) to investigate relationships between mental health and the severity and recurrence of criminality in a sample of arrested youth over a 12-month period. Results show a significant ability to identify youth most at risk.

16 Undergraduate Perceptions of Social Experiences in a Pandemic Ellen Rozek, UW - La Crosse; Bailee Golisch, UW - La Crosse

Public interest in loneliness and social isolation surged during the pandemic. This study considers the differences of students' self-reports on measures of loneliness, social connectedness, and health from a Fall 2019 study and four waves of data collected during Fall 2020. Self-reported loneliness was higher among college students in Fall 2020.

17 Examining temperament factors associated with adolescent physical activity beliefs

Micaela Johnson, Depaul University; Laura Saldana, Depaul University; Dana Mansfield, DePaul University; Maame Korley Baah-Arhin, Depaul University; Jocelyn Carter, DePaul University

The current study examined the relationship between physical activity beliefs and temperament among African American youth living in a large, midwestern city. Findings indicate some, but not all, domains of temperament significantly relate to physical activity belief.

18 Effects of High School Mental Health Supports on Later Symptoms

Stephanie Little, Wittenberg University; Caitlyn Hum, Wittenberg University This study investigated the association between high school mental health education and support (e.g., counseling) and college students' anxiety and body satisfaction. Participants who reported more coverage of mental health in high school health class and more support services (e.g., counseling) had lower anxiety levels in late adolescence.

19 Black and Latino Parents' Support for Teens' Post-High School Plans

Zahra Naqi, Loyola University Chicago; Daniela Ugalde, Loyola University Chicago; Maria Radulescu, Loyola University Chicago; Rohini Maddigunta, Loyola University Chicago; Bailey Sanderson, Loyola University Chicago; Christine Li-Grining, Loyola University Chicago

This research examines how low-income parents support their teens' post-high school plans (n = 251). Using a strength-based framework, specific types of financial, socio-emotional, college, and high school support are identified. Findings help change the narrative about poverty, which assumes that individuals do not actively work against structural barriers.

20 The effects of mindfulness on children's mood and behaviors

Phan Hong, University of Wisconsin, Oshkosh

The study examined the effect of a mindfulness intervention with 3-10-yearold children. Children in the mindfulness group (versus control group) reported less anxiety. Teachers and parents blind to condition assignment reported higher levels of empathy, resiliency, social competency, and lower behavioral problems in the children in the mindfulness intervention group,

21 Role of Temperament in Homework Problems for Children with ADHD

Helena Alacha, University of Louisville; Paul Rosen, University of Louisville Children with Attention-Deficit/Hyperactivity Disorder (ADHD) struggle to successfully complete homework in comparison to typically developing children (Langberg et al., 2009). Results suggest that temperament, specifically the effortful control domain, predicts problems with both homework behavior and homework management above and beyond ADHD.

22 Anxiety and Repetitive Behavior in Children with Down Syndrome Laura Simon, The Ohio State University; Sarah Schoppe-Sullivan, The Ohio State University

The association between anxiety and repetitive behavior has been studied predominantly in autism spectrum disorder, although other children with intellectual disability are at risk for anxiety. We found a significant positive association between anxiety and repetitive behavior in children with Down syndrome, not moderated by cognitive level of functioning.

23 From interparental to intrapersonal dynamic: developmental origins of self-criticism

Nilou Lueke, Ball State University; Arash Assar, Miami University of Ohio; Adam Lueke, Ball State University

The present study demonstrates that childhood experiences with interparental conflict contributes to unique variance in the development of self-criticism, above the previously recognized developmental contributors of self-criticism that concern parental behavior toward the child. Interparental conflict may therefore become incorporated into an internal dynamic in the form of maladaptive self-criticism.

24 Performance of a Novel Malingering Test vs. Existing Measures

Chloe Huston, Cleveland State University; Tiffany Grezmak, Cleveland State University; Samuel Rodman, Cleveland State University; Amir Poreh, Cleveland State University

This study compared the novel Tri-Choice Naming and Response Bias Measure (N-Tri) to existing malingering tests. Sensitivity and specificity were used to compare the performance of the N-Tri to the RDS and PDRT. The results demonstrate that the N-Tri is better at detecting simulated malingerers from controls than existing measures.

25 Measuring the Creativity of Drawings: Crowdsourced Versus Criterion-scored Outcomes

Andrew Johnson, Park University; Haley Schields, Park University; Danielle Whitfield, Park University

This study presents creativity scores for 45 drawings (3 sets of 15) between an MTurk sample and criterion scored – adapting three Torrance Figural measures. The results reveal positive correlations of MTurk and Torrance scores for 2 of 3 drawing sets. There were no rank orders differences in the sets.

26 Self-Compassion and Psychological Flexibility Scales: Convergent and Discriminant Validity

Jessica Criddle-Sandoz, Murray State University; Houston Howard, Murray State University; Michael Bordieri, Murray State University
Psychological Flexibility and self-compassion are distinct but overlapping constructs that inform therapies such as Acceptance and Commitment Therapy. We examine the convergent and discriminative validity of scales measuring psychological flexibility and self-compassion to determine points of construct overlay for use in basic and applied research.

27 Replicating ASCA Situtypes: Independent Hierarchical Exploratory Factor Analyses

Gary L. Canivez, Eastern Illinois University

Hierarchical exploratory factor analyses of Adjustment Scales for Children and Adolescents 24 situations with a large independent sample found good agreement of assignment to three latent problem behavior contexts (Peer,Academic,Teacher). Hierarchical relationships and apportioning of variance to the general and group factors are presented and discussed.

28 Canadian WISC-V Structural Validity with First Nations Youth: Hierarchical EFA

Gary L. Canivez, Eastern Illinois University; Jessica Hanson, Champaign Unit 4 School District; Merril Dean, Private Practice
Best practices in exploratory factor analyses were applied to scores on the Wechsler Intelligence Scale for Children-Fifth Edition: Canadian (WISC-VCDN; Wechsler, 2014) obtained in a sample of First Nations children from northern Canada. Results did not support the publisher's five-factor model or interpretation scheme.

29 Differences in Self-Report Among ADHD/LD, Concussion and Typical Samples

Caitlin Murray, Marquette University; Brianna Duszynski, Marquette University; Kearnin Van Bortel, Marquette University; Mary Simons, Marquette University; Morgan Nitta, Marquette University; James Hoelzle, Marquette University

Differences in self-reported attentional and executive abilities were investigated in college students. Significant differences in symptom reporting emerged between students with ADHD/LD relative to healthy controls and students who sustained a concussion. The concussion and healthy control groups described attentional and executive skills similarly.

30 Executive Functioning in an ADHD/LD, Concussion and Typical Sample

Aidan Ross, Marquette University; Sharon Song, Marquette University; Jacob Lesch, Marquette University; Mary Simons, Marquette University; Morgan Nitta, Marquette University; James Hoelzle, Marquette University
The current study investigated differences among students with ADHD/LD, a history of concussion, and healthy controls on the Trail Making Task (TMT). Results indicated that individuals with ADHD/LD had lower performance on select TMT trials when compared to individuals with a history of concussion or healthy controls.

31 A Contemporary Examination of the Hot Hand Effect

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

The hot hand effect refers to the expectation for streaks in skilled performance to continue; e.g. athletes are more likely to make a successful shot if their previous shot(s) was successful. Our statistical analysis of top NBA shooters provides insight on what has been referred to as a cognitive illusion.

32 Evolved Developmental Niche, Multicultural Experience, and Proand Anti-social Behavior

Joel Devonshire, University of Notre Dame; Aolanni Mitchell, University of Notre Dame; Riana Tarabocchia, University of Notre Dame; Jessica Reeg, University of Notre Dame; Christian Llantero, University of Notre Dame; Kate Tarvestad, University of Louisville; Mary Tarsha, University of Notre Dame; Darcia Narvaez, University of Notre Dame In an online study, we found that lower scores on childhood evolved developmental niche history better predicted antisocial behavior (e.g.,

oppositionalism, viciousness, superiority) and that multicultural experience better predicted prosocial behavior (social engagement; actions for peace, the environment, and for the less fortunate).

33 Pandemic-Related Loss of Income is Associated with Parents' Internalizing Symptoms

Jessica Carney, University of Notre Dame; Laura Miller-Graff, University of Notre Dame

This study investigated the association between loss of household income due to the COVID-19 pandemic and the wellbeing of parents with young children living in Michigan and Indiana. Loss of income was significantly associated with parents' stress, anxiety, and depression. Implications for psychological care are discussed.

34 Judgment Methods and Consumer Decision-Making

Colin Gloudemans, Ohio University

This study further examines the differences between two types of judgement methods: holistic and disaggregated judgements. Using Consumer Reports' ratings as a criterion, participants judged products from three categories: laptops, sandwiches, and detergents. Results add to the body of literature finding an accuracy advantage of disaggregated, over holistic, judgments.

35 College Supports for ASD: Autistic Perspectives Across Educational Career

Rachel Stanley, Marquette University; Amy Van Hecke, Marquette University

Autistic individuals graduate from college at significantly lower rates than their peers. Research seeking autistic individuals' input on support needs is limited. This study analyzed qualitative data from 103 participants and identified themes surrounding challenges with social and community, academics, cognitive processes, health and wellbeing, environment, and getting help.



Memory

Sat 12:30PM - 2:20PM

On Demand 05

12:30 Estimating Estimator Variables in Exoneration Cases

Amber Giacona, University of Arkansas; Emma Aspenson, University of Arkansas; Brynn Schuetter, University of Arkansas; James Lampinen, University of Arkansas

The current study seeks to understand the role and frequency of estimator variables in exoneration cases with mistaken identifications. Currently, we have found that exoneration cases have, on average, 3.44 poor estimator variables. Thus, we conclude that multiple estimator variables may contribute to an increased likelihood of mistaken identifications.

12:50 A Fine-grained Study of Forgetting

Abigail Doolen, University of Notre Dame; Gabriel Radvansky, University of Notre Dame

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

1:10 Boundary Conditions for Familiar Face Recognition Errors

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

Using a pre-familiarization phase designed after a coffee-shop scenario, we trained participants to become familiar with target faces. Next participants engaged in an old/new recognition task with target faces and look-a-likes. The results reveal that improving familiarity increased the difficulty for participant to monitor their memory and avoid false alarms.

1:30 Directed Forgetting of Associative Memory Evident in Eye-Movements

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

Directed forgetting (DF) was examined using eye-tracking methodology and

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

1:50 Do Instructions to Move Eyes Cause Directed Forgetting?

Nathan Foster, The College of Wooster

Instructions to forget information is correlated with eye movements (Lee, 2017). We tested whether eye movements caused forgetting by manipulating instructions to move or fixate eyes following forget cues. Results showed eye movements did not increase directed forgetting. Eye movements are a consequence—not a cause—of forgetting.

Stress & Flexibility

Sat 12:30PM - 2:20PM

On Demand 07

12:30 Age Moderates Change in Disease-Related Stress among CHD Survivors

Taylor Swenski, Nationwide Children's Hospital; Kristen Fox, Nationwide Children's Hospital; Shivika Udaipuria, Nationwide Children's Hospital; Christina X. Korth, Kent State University; Jamie Jackson, Nationwide Children's Hospital

The transition from adolescence to adulthood is a time during which CHD survivors assume more responsibility for their care. Over a six-year follow-up, adolescent disease-related stress increased, while young adult stress remained stable. Adolescence may be an opportune time at which to promote coping strategies for managing increasing disease demands.

12:45 Age Differences Among Different Sources of Stressor Related Negative Affect

Jessica Blaxton, Metropolitan State University; Brenda Whitehead, University of Michigan - Dearborn; Cindy Bergeman, University of Notre Dame

Daily fluctuations in interpersonal stressors, health stressors, finance related stressors, and perceived stress related to greater daily negative affect. Older adults experience a stronger relationship between daily interpersonal stress and negative affect, but a weaker relationship between daily perceived stress and negative affect.

1:00 Estimating Time Intervals during the Trier Social Stress Test (TSST)

Sara Bagley, Lindenwood University; Samantha Ebert, Lindenwood University; Kevin McGowan, Lindenwood University
Passive observation from the Trier Social Stress Test can induce enough of a psychosocial stress to distort the perception of time. Data will be presented on differences between four time intervals and when some were over verses underestimated. This is a basic understanding of human nature.

1:15 Chronic, Not Early-life, Stress is Associated with Reduced Cognitive Flexibility

Katherine Knauft, Miami University of Ohio; Vrinda Kalia, Miami University Past research suggests that acute stress may impair cognitive flexibility. The present study sought to further assess the effects of chronic stress and early life stress on cognitive flexibility. Results suggest that chronic, but not early life stress is associated with decreases in some forms of cognitive flexibility.

1:30 Predicting Clinical Symptoms from Pliance and Psychological Flexibility and Inflexibility

Morgan Franklin, Southern Illinois University; Bruce Clark, Southern Illinois University; Kathleen Schmidt, Southern Illinois University
The present research explored the relationship between psychological inflexibility, psychological flexibility, and generalized pliance and symptoms of psychopathology. Structural Equation Modeling revealed that psychological inflexibility processes of cognitive fusion and inaction predicted depressive mood and anxiety, while generalized pliance and psychological flexibility processes were unrelated to symptomatology.

1:45 Examining the Effects of Dark Humor on Responses to Stress Aimee Bertolli, Western Illinois University; Kristine M. Kelly, Western Illinois University

Previous research has suggested that joking about death may help people in stressful work environments cope with secondary trauma. This study examined that claim, measuring cognitive ability, empathy, group cohesion, resilience, and anxiety. A marginally significant effect was found whereby participants exposed to gallows humor reported the lowest anxiety.

Social Judgment & Decision Making

Sat 12:30PM - 2:20PM

On Demand 01

12:30 Cautiously Optimistic: Social Comparative Beliefs about Compliance to COVID-19 Recommendations

Keith Edmonds, The University of Toledo; Jason Rose, University of Toledo This research examined social comparative beliefs about compliance to COVID-19 recommendations, future precautionary intentions (e.g., hand washing), and potential mediating (i.e., worry, risk perceptions) and moderating (i.e., perceived threat-level) factors among 452 U.S. MTurk workers. Paradoxically, greater perceived compliance was positively associated with greater precautionary intentions, suggesting a compensatory process.

12:45 Judgments of Individual and Group Implicit and Explicit Biases Erika Kline, Southern Illinois University Carbondale; Kathleen Schmidt, Southern Illinois University

The present research explored the influence of perpetrator identifiability and intentionality on blameworthiness. Participants judged the blameworthiness of a doctor or doctors for age discrimination due to implicit or explicit biases. Regardless of identifiability, doctors who discriminated because of implicit rather than explicit bias were considered less accountable and punished less severely.

1:00 Beware of Why You Share

Natalie Mordini, DePaul University; Verena P Graupmann, DePaul University

This study explored factors that differ between people who have positive versus negative secret-sharing experiences. Motivations to share and retrospective confidant perceptions differed across conditions. The extent to which participants regretted or were glad they shared was associated with perceived level of risk of the secret.

1:15 People Overlook Social Forces that Lead to Common Ground in Dialogue

Michael Kardas, Northwestern University, Kellogg School of Management; Nicholas Epley, University of Chicago

Dialogue strengthens connections, yet people undervalue social forces that facilitate connecting through dialogue. Strangers expected to form similar connections through monologue or dialogue but underestimated the positivity

of dialogue, especially during disagreement (Exps. 1-3). This occurred because participants overlooked the importance of responsiveness for finding common ground (Exps. 4a-b).

1:30 Context of Disclosing Suicidality: An Exploration with Suicide Attempt Survivors

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

This study assessed the context of suicide disclosure from the perspective of suicide attempt survivors (n=40). Themes and subthemes reveal numerous disclosure-related strategies. Findings from this study can be used to help suicide attempt survivors make disclosure decisions and craft disclosure messages that maximize benefits for themselves and others.

1:45 Intent to Harm Disproportionally Affects Older Adults' Moral Character Judgments

Alyssa Minton, DePaul University; Jason Snyder, DePaul University; Nathaniel Young, DePaul University; Verena P Graupmann, DePaul University; Joseph Mikels, DePaul University

We investigated age differences in judgments of a perpetrator when there was a desire to inflict harm (i.e., intentionality) or when harm occurred with no intent (i.e., responsibility). For older relative to younger adults, desire to harm was associated with harsher judgment of moral character and greater disapproval.



Professional Development: Psychological Perspectives of Universal Design for Learning: Application and Challenges

Sat 12:30PM - 2:20PM

On Demand 03

12:30 Psychological Perspectives of Universal Design for Learning: Application and Challenges

Amy Governale, North Park University; Kathryn O'Toole, North Park University; Kezia Shirkey, North Park University

Universal design for learning (UDL) supposes by extending accommodations for students with disabilities, the wider classroom can benefit from increased

student preparedness and engagement. This panel will overview, provide examples, and discuss challenges of incorporating UDL into psychology curricula. Discussions can include on lessons learned during the COVID-19 pandemic.

Professional Development: Open Education Resources as a Means for Advancing Equity in Academic and Scholarly Publishing

Sat 12:30PM - 2:20PM

On Demand 02

12:30 Open Education Resources as a Means for Advancing Equity in Academic and Scholarly Publishing

Geraldine Palmer, Community Wellness Institute; Judah J. Viola, National Louis University; Todd Rogers, Community Wellness Institute; Maronica Engel, Takeda Pharmaceuticals

Publishing textbooks on OER platforms may push back against inequitable academic systems and support scholars who may not have equal access to publishing. This professional development workshop explores leveraging OER and offers guidance on publishing your work as an OER and how to get involved in OER projects.

Professional Development: Beyond Exams: Building Innovative Assessments for Undergraduate or Graduate Courses

Sat 12:30PM - 2:20PM

On Demand 04

12:30 Beyond Exams: Building Innovative Assessments for Undergraduate or Graduate Courses

Sarah Cronin, Bemidji State University; Kathryn (they/them) Klement, Bemidji State University; Crystal N. Steltenpohl (she/hers), University of Southern Indiana

At the end of this workshop you will be able to:

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





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Affiliated Meeting of The Society for the Teaching of Psychology

----- Thursday, April 22, 2021 -----

STP Invited Address

How to Benefit From, not Fear, Student Evaluations of Teaching

Guy Boysen, McKendree University gaboysen@mckendree.edu

Thu. 11:30AM - 1:20PM

On Demand 03

Student evaluations can be a source of fear and loathing among college teachers. But they can also benefit teachers at all levels of professional development. This session will outline strategies for overcoming fear of teaching evaluations as well as specific methods for maximizing the usefulness of student feedback.



STP: Poster Session

Thu 8:30AM - 10:20AM

the exam.

Poster Room

2 Meditation's Effect on Exam Scores

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

3 Small-Scale Project-Based Learning Can Have a Big Impact

Jessica LaPaglia, Morningside College

Students engaged in a team project in which they chose the topic, form of the final product, and the assessment. Students appreciated the ability to study a topic of their choice in-depth. A project such as this could be incorporated into any course without taking much class time.

4 Crises in the Classroom

Amy Erlich, Roosevelt University; Maria Nikolova, Roosevelt University; McKenna O'Shea, Roosevelt University; Ariana Garagozzo, Roosevelt University; Steven A. Meyers, Roosevelt University

A majority of students in an undergraduate program will encounter traumatic events that impact their academic performance. As instructors, our role in providing help to these students is unclear. However, there are several strategies instructors can use to provide their students with the support they need to succeed academically.

5 Enhancing Learning Ownership: Structure in a Discussion-Focused Graduate Course

Chelsea Lovejoy, University of Wisconsin - Stout; Alicia Stachowski, University of Wisconsin - Stout

Master's students (online and in-person) participated in a novel, structured method of encouraging engagement in discussion-based courses over a semester. Survey results of student reactions regarding both the forms of

structure (e.g., assigned roles) and instructor participation were largely positive (all above a mean of 4 out of 6).

6 Creating More Accessible Educational Networks: The Open Scholarship Knowledge Base

Crystal N. Steltenpohl (she/hers), University of Southern Indiana; Erin Buchanan, Harrisburg University of Science and Technology It can be difficult to keep up with new guidance around best research practices in psychology and related fields, let alone develop new syllabi, lectures, and activities for students. The Open Scholarship Knowledge Base provides one way for educators to share their teaching materials and connect with educators around the world.

7 Not just talk: Teaching strategies in a course on diversity.

Tay Hack, Angelo State University

This study explored various teaching methods in a diversity class. Students rated the effectiveness of each method in aiding their understanding; Enhanced PowerPoint lectures were rated most effective, whereas textbook readings were rated as least effective. Additional results at the end of the semester indicated an overall reduction in bias.

8 Meeting students where they are: Fall 2020 needs and responses

Amanda Joyce, Murray State University

Students thrive in collegiate environments that meet their expectations, but colleges often fail to do so. The purpose of this project is to describe the efficacy of a guided discussion technique to meet students' reported needs/expectations for socialization, while also encouraging a more internal locus of control and discouraging distraction.

9 Variations in Notetaking: The Impact of Doodling and Colored Inks Rachael Blasiman, Kent State University

Undergraduate students (N = 176) reported their notetaking habits and other demographic information. Women and nonbinary students were more likely to use colored inks, but their use did not correlate with any other measure. In contrast, doodling was associated with higher GPA, higher self-esteem, and lower levels of mind wandering.

10 The impact of syllabus font on syllabus/course/professor impressions. Kristian Veit, Olivet Nazarene University

Syllabi with different fonts (Times New Roman, Calibri, and Comic Sans) were randomly assigned to different undergraduate participants to investigate whether font style can impact perceptions of a syllabus, course, and professor.

Results indicated that font style may have implications for perceived course difficulty and perceptions of the course's professionalism.

11 Teaching writing with the new 7th edition APA Publication Manual

Mark Hatala, Truman State University; Kayley Lawson, Truman State University; Katelyn Leake, Truman State University; Gemma Brom, Truman State University

Student writing samples are used to illustrate the changes to APA style with the 7th edition of the Publication Manual, and to highlight best practices for professors in conveying the changes to students (and colleagues) who are familiar with the previous edition(s) of the Publication Manual.

12 Helping students grasp real-world implications of sampling

Megan Nadzan, University of Delaware

Introductory Research Methods students often have trouble grasping the concept of a representative sample. They further have issues understanding implications for generalizability. I have developed a hands-on activity to replicate real world implications of sampling methods.

13 Evaluating Vocational and Professional Development in a Psychology Course

Robert Stills, Coe College; Samantha Brown, Coe College; Carlyn Cole, Coe College; Renee Penalver, Coe College

Research on general and psychology-specific career preparation courses show these courses can be beneficial to students, however these studies typically lacked a theoretical framework. Under the framework of Social Cognitive Career Theory, this study found that a psychology-specific career development course increased self-efficacy, outcome expectations, and career and psychology knowledge.

14 Classroom expectation differences in high school and college

Teddi Deka, Missouri Western State University

Preparedness for college includes behavioral aspects in addition to academics. Most information about behavioral preparedness is anecdotal. The "Classroom expectations questionnaire" (73 items) administered to high school and college instructors, investigated differences in classroom expectations, assignment turn-ins, homework and others. Strongest differences occurred with assignment allowances, and homework expectations.

15 Phone App Design using PowerPoint – Applied Psychology in Introductory Courses

Drew Morris, Centre College

Applied psychology makes up a large number of the psychology careers, but is lacking in many introductory psychology courses. The Phone App Design project was used to introduce Human Factors psychology and Industrial-Organizational psychology, but can be applied to any discipline.

16 Dislikable Students: What College Teachers Think

Guy Boysen, McKendree University; Breanna Sampo, McKendree University; Erika Axtell, McKendree University; Abigail Kishimoto, McKendree University

Management of difficult students is basic teaching skill, but almost no research has examined the intense dislike college teachers can develop toward difficult students. Using a cross-disciplinary sample of instructors, the current research examined the prevalence of disliking students, its common causes, its effects, and strategies for its management.

17 Reducing classroom cell phone use: Use of rewards and punishments

Kathryn L. Hamilton, University of Wisconsin-Stout; Maxwell Breuer, University of Wisconsin-Stout; Alicia Stachowski, University of Wisconsin -Stout; Emma Desens, University of Wisconsin-Stout; Jersie McCormick, University of Wisconsin-Stout

The study compared ways to reduce college classroom cell phone use. Students experienced three cell phone policies (reward, punishment, and no regulation) each week and their cell phone behavior was recorded. The results suggest that both consistent rewards and punishments can reduce unwanted phone use in the classroom.

18 Pandemic pedagogy: Virtual peer advising, involvement, and sense of belonging

Kristin Vespia, University of Wisconsin-Green Bay; Kelsi Engelhardt, University of Wisconsin-Green Bay; Paige Anderson, University of Wisconsin-Green Bay; Halle Kirchner, University of Wisconsin-Green Bay; Kylie Rieder, University of Wisconsin-Green Bay; Priyanka Bharadwaj, University of Wisconsin-Green Bay

The nationwide shift to remote learning challenges students' sense of belonging. Our Psychology Success Center staffed by undergraduate interns moved to online advising sessions, workshops, and social media communication. We surveyed majors to examine the relationship among Center contacts, overall student involvement, and perceived sense of belonging pre- and post-pivot.

19 Supporting the Career Success of Psychology Majors

Emily Stark, Minnesota State University, Mankato; Louisa Hall, Minnesota State University, Mankato

The psychology major gives students an opportunity to develop a range of career skills, but students may not understand how to present these skills on a job application or apply them in the workplace. This poster discusses how psychology instructors can help students identify and develop career-relevant skills and abilities.

20 Demystifying complex brain processes using mobile EEGs in K-12 engagement

Adam Steiner, Minnesota State University, Mankato; John Pintar, Minnesota State University, Mankato

Analytical methods in cognitive neuroscience and neurophysiology which investigate cognitive processes remain a mystery to many undergraduates in the psychological sciences. We propose a tiered training model where undergraduates learn the primary methods necessary for basic electroencephalogram (EEG) analysis, then perform K-12 outreach to solidify their training and identify knowledge gaps.

21 Stigma reduction in Psych 101

Abby Downs, University of Wisconsin-Superior; Eleni Pinnow, University of Wisconsin-Superior

This study addressed stigma-reduction in Introductory Psychology; students received psychoeducation about psychological disorders and "In Our Own Voice" ("IOOV") presentation or only psychoeducation. Relative to the education-only group, the "IOOV" group were more likely to believe recovery from mental illness is possible and reported a higher likelihood of help-seeking behavior.

22 Best Practices for Teaching Undergraduates During a Pandemic

Maria Marquez, Dominican University; Lynn Weishaupt, Roosevelt University; Mia Johnson, Roosevelt University; Steven A. Meyers, Roosevelt University

Many undergraduate students are experiencing wide-ranging obstacles and anxiety around the current pandemic, COVID-19. These obstacles and anxieties may be contributing to decreased student engagement, GPAs, and retention rates. In this poster, we discuss best practices instructors can implement to better engage and support undergraduate students during the pandemic.

23 Evaluating a graduate school application support intervention for undergraduates

Kristin Vespia, University of Wisconsin-Green Bay; Anna Bomber, University of Wisconsin-Green Bay

Psychology students often struggle with the unfamiliar, challenging process of applying to graduate school, and their access to good advising can vary dramatically. The pandemic has further complicated students' access to advisors and resources. We will describe an entirely virtual graduate application resource/support group and share collected data from participants.

24 Understanding and combatting "Zoom fatigue" in online instruction

Maggie Inman Riemer, Roosevelt University; Aya Haneda, Roosevelt University - Chicago Campus; Lynn Weishaupt, Roosevelt University; Steven A. Meyers, Roosevelt University

Since the COVID-19 pandemic, universities have switched to virtual learning platforms. This led to Zoom fatigue, encompassing the negative emotional impact of video conferencing overuse. We will discuss strategies to reduce Zoom fatigue in virtual settings, including self-presentation, activities to facilitate engagement, and considerations for use of online class time.

25 The Effects of Diverse Films on Black Female Students' Belonging

Salena Diaz, University of Hawaii; Nicole Iannone, Radford University; Laura Ruth Parker, University of Houston Downtown

Female college student participants viewed clips of scientists from popular films before responding to various measures. Black participants felt less ostracism when watching a Black female scientist compared to White scientists. Ostracism was negatively correlated with participants' STEM fit and self-views. These results have implications for classroom popular culture examples.

26 Student opinions on remote learning and teaching during the COVID-19 pandemic

Alexandra Montgomery, Roosevelt University; Cami McBride, Roosevelt University; Anne-Marie Cusac, Roosevelt University; Juli Rowen, Roosevelt University

Due to COVID-19, a viral pandemic that precipitated a quarantine, universities could no longer meet for face-to-face classes, and many universities moved to remote learning. This study describes a survey that captures student opinions on remote learning and teaching and provides insight into common grievances with and advantages to remote.

27 Active learning strategies adapted to remote classroom settings

Maya Alexander, Roosevelt University; Rachel Goldfarb, Roosevelt University; Erin Orentas, Roosevelt University; Steven A. Meyers, Roosevelt University; Alexandra Salame, Roosevelt University

Active learning is a student-centered approach in which the instructor becomes a guide. Given the popular shift towards remote classroom instruction, the adaptability of active learning strategies to remote settings is important to consider. In this poster, we discuss specific active learning strategies and effective adaptability to remote classroom settings.

28 Larger absolute point values skew students' understanding of course grades

Elizabeth Arnott Hill, College of DuPage; Or'Shaundra Benson, College of DuPage

Can the total points in a course influence students' evaluation of the importance of individual assignments? Students were assigned to one of three conditions (100-point class, 1,000-point class, 10,000-point class). Although the relative weight of each assignment was held constant, students judged assignments with larger point values as more important.

29 Felt Stigmatization Among Freshmen and Transfer Students

Carly Pullen, Radford University; Nicole Iannone, Radford University; Laura Ruth Parker, University of Houston Downtown

As new students on campus, freshmen and transfer students may experience negative stigma. Freshmen and transfer students (n=277) completed a survey assessing their felt stigma, belonging, identity, and other variables. Findings suggest that felt stigma is associated with weaker belonging and identity at the university.



STP Roundtable I

Thu 10:00AM - 11:00AM

On Demand 08

10:00 Cultivate Your Students' Minds through Positive Psychology Sharon Pappas, The Chicago School of Professional Psychology Positive Psychology provides research-based theory and interventions to cultivate students' engagement and strengthen their capacity to learn and

maintain resilience throughout their academic journey. Discussions and activities (i.e., expressing gratitude, three good things and cue-trigger and reward) will be demonstrated so teachers can utilize Positive Psychology techniques in the classroom.

10:40 Best Practices to Improve Executive Functioning Skills in Higher Education

Ariana Garagozzo, Roosevelt University; McKenna O'Shea, Roosevelt University; Nimisha Mohan, Roosevelt University; Steven A. Meyers, Roosevelt University

Executive functioning is a broad domain that guides goal-directed behaviors. Executive functioning skills are strong predictors of academic achievement and are malleable to intervention. This roundtable discussion will examine six best practice guidelines for improving executive functioning in college students and facilitate discussion on applying these guidelines to college classrooms.

Films in Psychology Courses: A Roundtable Discussion for CinemaPsych Podcast

Thu 10:20AM - 10:40AM

SCRA Room

10:20 Films in Psychology Courses: A Roundtable Discussion for CinemaPsych Podcast

Alexander Swan, Eureka College

Using films in a psychology course is a useful pedagogical strategy. The purpose of this roundtable is twofold: First, explore different pedagogical strategies for using films. Second, I want to record those that come to this roundtable about film pedagogy and disseminate that recording on my self-produced podcast, *CinemaPsych Podcast*.

STP Roundtables II

Thu 11:00AM - 12:00PM

On Demand 08

11:00 Integrating Oral Communication Skills into a Psychopharmacology Course

Susan Kennedy, Denison University

Oral communication skills were incorporated into a psychopharmacology

course. Students were required to complete three oral presentations (solo, with a partner, in a small group). Self-reflections were required following each presentation. In addition, students completed an assessment of each oral assignment using a 5-point Likert Scale.

11:20 Teaching Validity: An Opportunity for Pedological Discussion Jordan Horan, Ferris State University; Christopher Redker, Ferris State University

Please come prepared to discuss the following questions related to the teaching of validity. How do you teach the various forms of validity? What expectations should we have for student's understanding of the various forms of validity? How do we increase the practice of construct validation? Among others.

11:40 Privilege in pedagogy: White instructors working with students of color.

Maria Nikolova, Roosevelt University; Amy Erlich, Roosevelt University; Carolyn Reynolds, Roosevelt University; Steven A. Meyers, Roosevelt University

White instructors who take initiative to understand the influence of race in the classroom can develop a greater capacity to identify and empathize with their students (Picower, 2009). In this roundtable, we will discuss what researchers have determined to be best practices for White instructors working with students of color.

STP Roundtables III

Thu 1:00PM - 2:00PM

On Demand 08

1:00 Integrating psychology and technology in the First-Year Experience Kerry Michael, University of Minnesota Morris; Angela Vetsch, University of Minnesota Morris

We designed a new course model with an Embedded Librarian to integrate technology/information literacy into a liberal arts first-year seminar. Discussion will focus on methods for developing technology-focused learning outcomes that tie into critical thinking and information/digital literacy, implementation in the classroom, and sharing strategies for success.

1:20 Enhancing STEM Education with the Learning Assistant Model Jubilee Dickson, Chicago State University; Rayne Bozeman, Chicago State University

We will discuss how we expanded the Learning Assistant (LA) program into

the social sciences and provide strategies for implementation at other institutions, including a list of common challenges, resources, and benefits of the LA program. The goal is to present examples for using the LA model in psychology classes.

1:40 Teaching writing for psychology: Challenges, tips and best practices.

Eleni Pinnow, University of Wisconsin-Superior
This roundtable will structure discussion around micro (assignments), mezzo
(classes), and macro (curriculum) approaches to teaching writing
in Psychology. The goal of this discussion will be for instructors to share
assignments, resources, and insight into the teaching of writing within the
Psychology curriculum. Sample syllabus can be found
here: http://teachpsych.org/resources/Documents/otrp/syllabi/ep21readwrite.pdf

	Friday,	April 23,	2021	
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STP Roundtables IV

Fri 10:00AM – 11:00AM

On Demand 08

10:00 Compassion for racial stress workshop for undergraduate students of color

Timothy Pedigo, Governors State University; Amanda Evans, Governors State University; Dan Koonce, Governors State University; Priscila Padilla, Governors State University; Iris Williams, Governors State University; Jessica Castro, Governors State University; Erika Johnson, Governors State University; Cassandra Montgomery, Governors State University; Brittany Henderson, Governors State University; Maricruz Ruiz, Governors State University; Cristal Williams, Governors State University

We conducted a pilot study addressing the impact of a 5-hour workshop on mindfulness-based compassion for racial stress for undergraduate students of color. In preparation for larger 8-week study, we examined qualitative data about student's experience in the course. Students valued the experience and felt most benefited in self compassion, and connectedness with racial stress.

10:20 Let's talk about drugs: Different approaches to teaching addiction Mimi Rappley Larson, University of Wisconsin-Superior; Eleni Pinnow, University of Wisconsin-Superior

The roundtable discussion share approaches that may best meet the needs of students from different backgrounds or majors, their professional/academic goals, and their incoming biases. Further, participants will be encouraged to engage in substantive discussion regarding the shifting approaches to addiction (harm reduction versus abstinence; trauma-informed care, health informed care).

10:40 Adding a Feedback-on-Feedback Stage in Peer Assessment

Carine Marette, Kritik Education, Kritik.io

Peer evaluation was adopted as a graded component of student's assignments in a few courses. To increase students' incentive, they were required to rate the feedback they had received from their peers on two scales of

"Motivational" and "Critical". We investigated how students rated the most critical peer feedback.



STP Symposia I

Fri 1:00PM – 2:00PM

On Demand 08

1:00 Jumpstarting student research ideas and group formation in methods courses

Beth Lyon, University of Nebraska at Omaha

In most research methods courses, we aim to give students hands-on experience with conducting a unique research project. Ideally, students form a meaningful research question—but this takes time. The discussed method allows for early assignment of students into research groups, with an initial topic of interest.

1:20 A Skill-Building, Competency-Driven Senior Capstone Experience that Challenges, Teaches, and Mentors

Monica Heller, University of Saint Francis; Mike Martynowicz, University of Saint Francis - Fort Wayne; Devin Harpel, University of Saint Francis; Nate Conder, University of Saint Francis

The psychology capstone course serves as an ideal catalyst for mastery and essential professional skill-building. Our newly-designed capstone curriculum incorporates innovative methods aligned with APA's five comprehensive learning goals to foster student competency, achievement, and preparedness for future employment or advanced study in the discipline. Curriculum implementation has yielded many positive outcomes.

1:40 Decoding the Disciplines: Faculty, Student and Institutional Perspectives

Leslie Cameron, Carthage College; Dennis Munk, Carthage College; Holly Pelnar, Carthage College

Decoding the Disciplines is an approach to enhance student learning that helps faculty make explicit for students their implicit or tacit knowledge. We will describe how we have adopted and applied this paradigm from the perspective of a faculty member, a student and an institution.

STP Symposia II

Fri 2:00PM - 3:00PM

On Demand 08

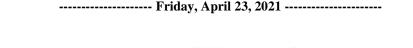
2:00 Do Abnormal Psychology Courses Promote De-Stigmatizing Mental Health?

Madeline Bruce, Saint Louis University; Jeremy Becker, Saint Louis University; Dana Stiles, Saint Louis University
While surveys indicate that many abnormal psychology instructors endorse valuing de-stigmatization of mental illness and aim to teach such values in their course, content analyses demonstrated a lack of direct comments regarding such values in abnormal psychology course syllabi.

2:20 Understanding students' experiences during the Covid19 pandemic

Marcie Coulter-Kern, Manchester University; Ava McVey, Manchester University; Brittany Miller, Manchester University; Justin Lunsford, Manchester University; Russell Coulter-Kern, Manchester University During the beginning of the Covid-19 pandemic, colleges and universities made abrupt shifts to remote teaching as most institutions closed their campuses for the spring semester. Results from a study at a small private Midwestern university explores effective online teaching and student challenges.

Affiliated Meeting of The Society for Community Research and Action Open Meeting of the Division 27 Interest Group



Juggling on a balance beam: Best practices to manage graduate student responsibilities and wellbeing during COVID-19

Fri 8:00AM - 8:30AM

SCRA Room

8:00 Juggling on a balance beam: Best practices to manage graduate student responsibilities and wellbeing during COVID-19

Hana Shahin, Wichita State University; Keyondra Brooks, Wichita State University

COVID-19 has put a toll on graduate students' wellbeing, workload and responsibilies. This roundtable discussion invites graduate students to share their best practices and lessons learned during COVID-19 relating to wellbeing, research and achieving goals.

Building Connectedness and Expanding Social Capital Among Community Psychologists

Fri 8:30AM - 9:00AM

SCRA Room

8:30 Building Connectedness and Expanding Social Capital Among Community Psychologists

Celeste Jackson, National Louis University; Judah J. Viola, National Louis University

Research has identified the importance of social bonds and connections for collective efficacy, economic development, and resilience. This roundtable discussion will use the case of one doctoral program as a starting point to

collectively generate strategies for growing social capital among practitioners of community psychology to amplify community wellness and

Understanding Identity with an Ecological Perspective

Fri 9:00AM - 9:30AM

SCRA Room

9:00 Understanding Identity with an Ecological Perspective

Crystal N. Steltenpohl (she/hers), University of Southern Indiana; Christopher B. Keys, DePaul University; Jordan Reed, DePaul University
This roundtable will explore how identity can be conceptualized at multiple ecological levels. Participants will be encouraged to consider how their own research might incorporate considerations around identity and its influences on what they study.

Chicago Anti-Recidivism (CAR) Model: Collaborating for Social Change and Empowerment

Fri 9:30AM - 10:00AM

SCRA Room

9:30 Chicago Anti-Recidivism (CAR) Model: Collaborating for Social Change and Empowerment

Tonya Hall, Chicago State University; Martha Williams, Retired from Chicago Public Schools; Christine Robinson, Carsey School of Public Policy, University of New Hampshire; August Hoffman, Metropolitan State University; Shaun Bhatia, DePaul University; Joni Jackson, Chicago State University

This roundtable will highlight the Chicago Anti-Recidivism (CAR) model designed to establish collaborations and reduce recidivism rates of adults returning to society. The purpose of the CAR program is to establish a theoretical framework designed to empower individuals returning to society to be productive citizens contributing positively to their communities.

Developing Culturally Adapted Trauma Therapy for Adolescents, Families, and Stakeholders

Fri 10:00AM - 10:30AM

SCRA Room

10:00 Developing Culturally Adapted Trauma Therapy for Adolescents, Families, and Stakeholders

Xuan Stevens, PhD, ABPP, Ultimate Thinking Psychological Consulants, PA/Standing in the Gap Community Development Corporation; Leslie Grange, Governors State University; Aaron Porte, Governors State University; Paul Kelly, Governors State University; Gianina Glass, Governors State University

Exposure to psychological trauma creates vulnerability for adolescents who lack the skills necessary for managing reserves for resilience. They become overtaxed when encountering culturally dystonic situations. This roundtable will review social determinants of health, vulnerabilities, intersections of race/poverty/educational status/health disparities, and a cultural-adapted therapeutic model for adolescents who experience trauma.

Combatting Underrepresentation: Examining the Role of Marginalization in Community Research

Fri 10:30AM - 11:00AM

SCRA Room

10:30 Combatting Underrepresentation: Examining the Role of Marginalization in Community Research

Michelle Adzido, DePaul University; Elena Gonzalez Molina, DePaul University; Joseph Cotler, Depaul University; Leonard Jason, DePaul University; Safa Shuaib, DePaul University Center for Community Research Health inequity is an issue that disproportionately affects people with ME/CFS, or myalgic encephalomyelitis. In addition to the stigma patients with ME/CFS face, community-based research underrepresents people of color or gender variant people. Our roundtable will discuss community-based research methodologies, access to care, and engaging marginalized communities in our work.

Creating and implementing new graduate programs in Community Psychology

Fri 11:00AM - 11:30AM

SCRA Room

11:00 Creating and implementing new graduate programs in Community Psychology

Olya Glantsman, DePaul University; Leonard Jason, DePaul University; Jerry Cleland, DePaul University; Alba Corney, DePaul University; Samuel Capobianco, DePaul University; Jackson Carroll, DePaul University; Luciano Berardi, DePaul University; Callie Beier, DePaul University

This year DePaul University launched two new graduate programs in CP. In this session, faculty and students will talk about curriculum, ways to support students, unique characteristics of these programs, how to find a program with a good fit, and tips to survive the first year of a graduate program.

Reframing and Integrating Academy and Practice

Fri 11:30AM - 12:00PM

SCRA Room

11:30 Reframing and Integrating Academy and Practice

Vernita Perkins, Omnigi Research; Leonard Jason, DePaul University The ongoing disconnect between academy and practice discounts the value of both spaces. Without academy, psychology would not be rigorous and populated with an influx of new talent. Without practice, psychology would not be applied and experienced in real life settings where psychological science can solve challenges and social injustice.

Reflecting on Our Gender-Based Violence Work and Its Relationship to Black Lives Matter

Fri 12:00PM - 12:30PM

SCRA Room

12:00 Reflecting on Our Gender-Based Violence Work and Its Relationship to Black Lives Matter

Megan Greeson, DePaul University; Catherine Pierre-Louis, DePaul University; Peggy Tull, DePaul University; Annie Wegrzyn, DePaul University; Emily Patton, DePaul University

As a team of gender-based violence scholars, we will reflect on our work and how it relates to the Black Lives Matter movement, and discuss implications for improving our anti-violence work. The discussion will be grounded in intersectionality (Crenshaw, 1991) and focus particularly on the unique experiences of Black women.

Barriers and supports for pursuing entrepreneurship: The role of community psychologists

Fri 12:30PM - 1:00PM

SCRA Room

12:30 Barriers and supports for pursuing entrepreneurship: The role of community psychologists

Fabricio Balcazar, University of Illinois, Chicago; Sumithra Murthy, University of Illinois at Chicago; Theresa Gibbons, University of Illinois at Chicago; Artemis Sefandonakis, University of Illinois at Chicago This roundtable will examine the results of a qualitative study that examined youth with disabilities' barriers and supports for pursuing entrepreneurship. This information is being used as a participatory approach to develop a high school curriculum to promote entrepreneurship. We will discuss the ways in which community psycholgists contribute to the process.

Reform, Defund or Abolish the Police?

Fri 1:00PM - 1:30PM

SCRA Room

1:00 Reform, Defund or Abolish the Police?

LaShawn Littrice, National Louis University; Ericka Mingo, National Louis University; Brad Olson, National Louis University; Tiffeny R. Jimenez, National Louis University; Judah J. Viola, National Louis University; Chris King, National Louis Unity; Harry Vance, National Louis Unity; Modena Stinette, National Louis Unity

Over the last six months there has been an intentional conversation regarding whether there could be police reform, defunding or if police should be abolished completely. As Community Psychologists, we will discuss what has taken place thus far and utilize the tools in Community Psychology and how we can apply it to this discussion.

COVID-19 Survivors: A Panel and Open Discussion

Fri 1:30PM - 2:00PM

SCRA Room

1:30 COVID-19 Survivors: A Panel and Open Discussion

Karl Conroy, DePaul University; Madeline Johnson, DePaul University; Brianna Mabie, DePaul University; Mkaye Wilson, Harry S. Truman College; Caroline Gaglio, DePaul University; Mohammed Islam, DePaul University; Leonard Jason, DePaul University
Long-term consequences of the COVID-19 pandemic are still poorly
understood. The purpose of this panel discussion is to give voice to a
COVID-19 survivor. Special attention will be given to the experience of those
who remain ill—a group refered to as COVID 'Long Haulers.'

How Does Cognitive Psychology Inform Interventions for Substance Use Disorders?

Fri 2:00PM - 2:30PM

SCRA Room

2:00 How Does Cognitive Psychology Inform Interventions for Substance Use Disorders?

Simone Parkas, DePaul University; Carlie Cope, DePaul University; Elzbieta Wiedbusch, DePaul University; Jessica Chaparro, DePaul University; Rebecca Nguyen, DePaul University; Leonard Jason, DePaul University Addiction has significant impacts on cognitive functioning. This includes thought processes and neurocognitive structures. The following roundtable will discuss the contribution of cognitive psychology research to both traditional and modern interventions for substance use disorders. Discussion will be based on how cognitive psychology can impact the development of interventions.

Advancing Equity in Academic and Scholarly Publishing

Fri 2:30PM - 3:00PM

SCRA Room

2:30 Advancing Equity in Academic and Scholarly Publishing

Geraldine Palmer, Community Wellness Institute; Judah J. Viola, National Louis University; Todd Rogers, Community Wellness Institute; Maronica Engel, Takeda Pharmaceuticals

Racist practices have dominated the academic publishing landscape for centuries (Williams, 2020). Publishing textbooks on OER platforms may serve to push back against inequitable academic systems and support publications that might not otherwise have a voice. This interactive roundtable will explore the viability of leveraging OER for equity in scholarship.

Mentoring Graduate Students and Early Career Professionals: Becoming Change Agents

Fri 3:00PM - 3:30PM

SCRA Room

3:00 Mentoring Graduate Students and Early Career Professionals: Becoming Change Agents

Rhonda Lewis, Wichita State University; Leonard Jason, DePaul University; Yolanda Suarez-Balcazar, University of Illinois at Chicago Mentoring is an essential aspect of a person's professional development. The panelists are leading theorists and intervenionists in the field of Community Psychology, and have mentored numerous graduate students and early career professionals. Particularly during this time of COVID-19 and racial tensions, mentoring is essential.

Big data methods and applications in psychology

Fri 3:30PM - 4:00PM

SCRA Room

3:30 Big data methods and applications in psychology

Shaun Bhatia, DePaul University; Joseph Cotler, Depaul University; Mohammed Islam, DePaul University; Karl Conroy, DePaul University; Leonard Jason, DePaul University

Advances in digital platform technology have facilitated the collection and analysis of data on a macroscopic level. Though the opportunities presented by "big data" have led to great excitement in fields like psychology, we face challenges associated with methodological paradigm alterations which deserve diligent consideration.

Uncovering the Roots of an Insufficient and Suppressive Resettlement System

Fri 4:00PM - 4:30PM

SCRA Room

4:00 Uncovering the Roots of an Insufficient and Suppressive Resettlement System

Moshood Olanrewaju, National Louis University

The refugees are always at the "bottom" of these hierarchies. These realities have deleterious effects on a person's sense of agency and self-determination.

The working of these systems, even ones that have a mission to serve others, overvalues capitalist neoliberal agendas.

Neighborhood Health from Youth's Perspectives: The Youth Lens Findings

Fri 4:30PM - 5:00PM

SCRA Room

4:30 Neighborhood Health from Youth's Perspectives: The Youth Lens Findings

Elizabeth Benninger, Case Western Reserve University; Megan Schmidt-Sane, Case Western Reserve University; Symphony Cummins, N/A; Marchelle Robinson, N/A

This round table discussion will focus on the methodology and findings of a participatory action research study with children and youth aimed at exploring how the neighborhood shapes health outcomes and in developing child and youth centered strategies for promoting neighborhood health.

Facilitating Community Empowerment Environmentally Sustainable Green Space Programs

Fri 5:00PM - 5:30PM

SCRA Room

5:00 Facilitating Community Empowerment Environmentally Sustainable Green Space Programs

August Hoffman, Metropolitan State University

The current study examined how a fruit tree planting project with three different Indigenous groups in Minnesota (Fon du Lac, Red Lake and Lower Sioux Tribal Nations) during the summer of 2020 facilitated increased community empowerment and food sovereignty among participants. Suggestions for future research are offered.

Reflections on Choosing a Decolonial and Adversarial Interview Style Over Gentle Civility

Fri 5:30PM - 6:00PM

SCRA Room

5:30 Reflections on Choosing a Decolonial and Adversarial Interview Style Over Gentle Civility

Hana Masud, University of Massachusetts Boston; Brad Olson, National

Louis University

Reflections on Choosing a Decolonial and Adversarial Interview Style Over Gentle Civility: A Former Graduate Advisor Interviews his Former Student. Much as our interaction within the community psychology program at National Louis University, Brad, the once advisor, asks Hana, the graduate student about her dissertation data collection process. The hope



SCRA Reception

Fri 6:30PM - 7:30PM

SCRA Room

SCRA Reception

Tonya Hall, Chicago State University

All MPA conference attendees are welcome to join the "Society for Research and Action Virtual Dinner Reception Reception." This event will be held on Friday night from 6:30 to 8:00 p.m. CST. Guests will provide their own dinner and beverages. Ms. Whitney Morrison and Ms. Lina Mason will provide outstanding musical performances.

----- Saturday, April 24, 2021 -----



Painting with all the colors of population-specific intervention techniques

Sat 9:00AM - 10:00AM

On Demand 06

9:00 WITHDRAWN: Painting with all the colors of population-specific intervention techniques

Brandon Isler, DePaul University; Alexander O'Donnell, DePaul University; Elzbieta Wiedbusch, DePaul University; Alexander Carli, DePaul University; Kathryn Grant, DePaul University

Clinical-community interventions employ specific techniques unique to the populations they were designed for. The current symposium features four clinicians describing their work and the unique ways they interact with the populations they serve. The generalizability of these population-specific considerations will be discussed, as will any contributions offered by audience members.

Building Resilience in Youth Suicide

Sat 11:00AM - 12:00PM

On Demand 06

11:00 Building Resilience in Youth Suicide

Dakota Fisher, King's University College; Tara Bruno, King's University College

This paper examines a participatory action research project, set in a small-sized city in Ontario, Canada that was faced with a suicide crisis: many youths dying by and attempting suicide.

Housing Insecurity and Pathways into Homelessness

Sat 12:00PM - 1:00PM

On Demand 06

12:00 Housing Insecurity and Pathways into Homelessness

Rebecca McGarity-Palmer, DePaul University; Helena Swanson, DePaul University; Mackenzie Hudson, DePaul University; Camilla Cummings,

DePaul University; Katherine Karls, DePaul University; Olya Glantsman, DePaul University; Molly Brown, DePaul University; Luciano Berardi, DePaul University

Risk factors for homelessness are multifaceted. This symposium examines pathways into housing insecurity and homelessness using either qualitative or mixed methods data analysis. Three distinct populations are described including individuals experiencing chronic homelessness, Single Room Occupancy tenants, and college students experiencing housing insecurity during the pandemic.

I can show you the world: Unique perspectives on multidisciplinary research

Sat 1:00PM - 2:00PM On Demand 06

1:00 WITHDRAWN: I can show you the world: Unique perspectives on multidisciplinary research

Brandon Isler, DePaul University; Lucas Welk, Argonne National Laboratory; James Noak, DePaul University; Kathryn Grant, DePaul University

Constructive discussion regarding multidisciplinary research is important for the advancement of any scientific discipline: community psychology is no exception. The current symposium provides first-hand experiences with multidisciplinarity in multiple settings, including general anesthesia, X-ray crystallography, and information technology. The implications these perspectives have for community psychology research will be discussed.



SCRA: Poster Session

Sat 2:00PM - 4:00PM On Demand 06

1 The Power of Financial Incentives versus the Power of Suggestion sadettin citci, gebze technical university; halit yanikkaya, gebze technical university

Using more than 193 million observations for 17 million retirement saving account holders and quasi-experimental designs provided by two retirement

saving policy reforms in Turkey, we analyze and compare the impacts of automatic enrollment policy and previously provided retirement subsidy policy in Turkey.

2 Racial climate, sense of community and retention among Black female students

Nicole Telfer, University of Maryland, Baltimore County; Mariano R. Domingo, University of Maryland, Baltimore County; Rupsha Singh, University of Maryland, Baltimore County; Karen Watkins-Lewis, Morgan State University; Kenneth Maton, University of Maryland, Baltimore County The current study seeks to examine whether the relationship between racial climate and retention is mediated by science identity and moderated by sense of community among Black female students. We hypothesize that negative racial climate on retention via science identity will be weaker for students with high sense of community.

3 Food and Housing Insecurity Among Undergraduate Students During the Pandemic

Helena Swanson, DePaul University; Olya Glantsman, DePaul University; Jackson Carroll, DePaul University; Luciano Berardi, DePaul University The Center for Access and Attainment Lab (CAA) at DePaul University aimed to measure food and housing insecurity among college students amidst the COVID-19 pandemic. CAA researchers found that 22.5% are food insecure and 33.7% are housing insecure during the pandemic.

4 The Prevalence of Orthostatic Intolerance and Neurocognitive Symptoms in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)

Caroline Gaglio, DePaul University; Joseph Cotler, Depaul University; Leonard Jason, DePaul University

The Institute of Medicine criteria for ME/CFS requires an endorsement of either neurocognitive impairment or orthostatic intolerance (OI) to receive a diagnosis. However, self-report data has resulted in differing prevalence of these symptoms. The current study evaluates ways of operationalizing OI and examines the relationship between these symptoms in ME/CFS.

5 Neighbourhood Residency: Time in the Community Impacts Psychological Home

Ryan Claudio, DePaul University; safa asad, DePaul University; Devki Patel, DePaul University; Helena Swanson, DePaul University; Joseph R. Ferrari, DePaul University

In our complex and global societies today, people do not stay in the same geographic regions for extended times. Consequently, it is unknown how mobility impacts one's sense of psychological home. In this study, we examined psychological home with adults reporting varied times of residence in their current community.

6 Helpful and unhelpful services identified by individuals with chronic shelter histories.

Noor Arjmand, DePaul University; Mackenzie Hudson, DePaul University; Molly Brown, DePaul University

This qualitative study identifies characteristics of support service provision that are identified as helpful and unhelpful among a sample of 19 individuals experiencing chronic homelessness with prolonged shelter utilization histories. Findings have implications for better tailoring services to the needs of this subset of individuals experiencing chronic homelessness.

7 Risk Factors for Suicide in ME/CFS: A Review

Meghan Elliott, DePaul University; Leonard Jason, DePaul University We present a review of the literature on the link between ME/CFS and related illnesses and suicide to identify possible patterns and future areas of research. We also posit several potential reasons for the increased risk, such as stigma, impairment of daily functioning, low quality of life, and sleep disturbances.

8 Importance of Cross-Cultural and Community-Based Participatory Research in Understanding ME/CFS

Cut Amara, DePaul University; Leonard Jason, DePaul University Many countries and researchers still lack a consensus based research case definition for ME/CFS. The work presented will call attention to the need for cross-cultural and participatory research in order to bridge the gap between research and practice in the ME/CFS area.

9 A qualitative study of pediatric COVID-19 Long Haulers

Madeline Johnson, DePaul University; Chelsea Torres, DePaul University; Leonard Jason, DePaul University

The COVID-19 pandemic has posed a serious threat to citizens globally, a percentage of which have remained sick. The present poster aims to explore a qualitative analysis of children who became ill and never recovered, colloquially referred to as 'COVID-19 Long Haulers.' Themes relevant to patient lived experiences are discussed.

10 The effect of housing characteristics for individuals with Substance Use Disorder

Mary Abo, DePaul University; Meghan Salomon-Amend, DePaul University; Mayra Guerrero, DePaul University; Leonard Jason, DePaul University This study gathered data on the housing characteristics of Oxford Houses (n = 42) across the US. Internal and external features were examined, using Kelly's ecological theory (1966), and compared to house-level factors such as length of stay, sense of community, quality of life, and abstinence self-efficacy.

11 Students With Learning Disabilities

isabelle Meyers, Beacon College

The purpose of this study is to explore which group of students gets bullied more students with learning disabilities or students without disabilities. To date, there has been little research focusing on which group of students gets bullied more.

12 Doing Unrepresented Status: The Social Construction and Production of pro se Persons

Victor Quintanilla, Indiana University; Kurt Hugenberg, Indiana University Four experiments reveal the doing of unrepresented status, a dynamic process in which the meaning of unrepresented persons is socially constructed into pro se persons through the application of stereotypes, schemas, biases, expectations, and negative attributes.

13 Compassion Fatigue Experienced by Spiritual Leaders

Stormy Malone, Wichita State University; Rhonda Lewis, Wichita State University

This study was an exploration of the experience of feelings of compassion fatigue among spiritual leaders. Spiritual leaders serve important roles in our communities as they provide emotional guidance, supportive services, and crisis intervention, which may make them susceptible to the experience of compassion fatigue.

14 How do staff employ TIC during conflict resolution between staff-tostaff and staff-to-participant interactions?

Rachel Bell, DePaul University; Cristina Candel, DePaul University; Erin Hoffman, DePaul University; Mackenzie Hudson, DePaul University; Sarah Pelletier, DePaul University; Molly Brown, DePaul University
Trauma-Informed Care (TIC) can be used for conflict resolution within homelessness service delivery. This study examines how homelessness

service providers employ TIC to manage conflict with 1) service consumers and 2) between fellow providers. Preliminary findings suggest strengthening TIC policy and practice in homelessness organizations.

15 Dax Program: Preliminary Results of a Needs Assessment

Kayleigh Zinter, DePaul University; Rebecca McGarity-Palmer, DePaul University; Helena Swanson, DePaul University; Emily Edwards, Depaul USA; Joseph R. Ferrari, DePaul University

This poster presents the preliminary findings of a needs assessment conducted to evaluate the Dax Program. The Dax Program aids undergraduate college students at a private midwestern university experiencing food and housing insecurity and/or homelessness. Preliminary findings reveal areas of programmatic strength, as well as areas for improvement.

16 Links Between Threatened Masculinity and Verbal Sexual Coercion

Susan Long, Lake Forest College; Dean Kapolas, Lake Forest College; Cassidy Herberth, Lake Forest College; McKinley Scheppler, Lake Forest College; Isabella Nun~o, Lake Forest College; Esther Dong Kim, Lake Forest College; Arleigh Kraker, Lake Forest College

In United States culture, the term "toxic masculinity" is used to imply a negative and hypermasculine ideology. This study investigates the sexually assaultive tendencies of men possessing hypersensitive masculinity, and their use of verbal sexual coercion.

17 Trauma-informed care within the physical environment: Homeless service recipient perspectives

Justine Stewart, Wheaton College; Milena DeMario, DePaul University; Amanda Barry, DePaul University; Erin Hoffman, DePaul University; Molly Brown, DePaul University

Individuals experiencing homelessness face disproportionately higher rates of trauma. The physical environment is a key domain of trauma-informed care. Using qualitative methods, this study explores the relationship between physical space and well-being of homeless service recipients. Participants were recruited from a trauma-informed integrated care and housing homeless service agency

18 HealthyU: Integrating sense of community into workplace cancer screening program

Gina Curry, University of Chicago Cancer Center Hyde Park
Despite access and medical coverage, many medical center employees are not
in compliance with cancer screening guidelines. Research suggests that

individuals who don't feel connected are less inclined to act in healthy ways. This presentation will describe a workplace wellness initiative that integrates the Physiological Sense of Community theory.

Affiliated Meeting of Psi Chi The International Honor Society for Psychology

------ Thursday, April 22, 2021 ------

Thu 8:30AM - 9:20AM

Psi Chi Room

8:30 Start Strong: Navigating the MPA Convention OnlineJamie L. Bromley, Franklin College; Lindsey M. Root Luna, Hope College

Psi Chi: Poster Session I: Social

Thu 9:00AM - 9:50AM

Poster Room

1 Understanding the Association Between Optimism and Depressive Symptoms in HIV+ Asian Indians: Religiosity, But Not Social Support, as an Important Mediator

Sarah Klausner, University of Michigan; Valeria Hernandez, University of Michigan; Mrinalini Gupta, University of Michigan; Kaab Husain, University of Michigan Ann-Arbor; Paige K. Demers, University of Michigan, Ann Arbor; Maaz Munawar, University of Michigan; Nithya Rao, University of Michigan, Ann Arbor; Yicong Sun, University of Michigan; Alison Li, University of Michigan; Shanmukh Kamble, Karnatak University (Edward C. Chang, Faculty Sponsor)

- **2** A flexible influence of affect on the usage of the availability heuristic Caleb Dalfiume, Loyola University Chicago (Jeffrey Huntsinger, Faculty Sponsor)
- 3 Relational aggression in female friendships: the influence of maternal psychological control

Kylie Smith, Baldwin Wallace University (Jennifer Perry, Faculty Sponsor)

4 Do age and the presence of a family history of substance abuse influence one's perception of drug therapy?

Erin Brownlee, Xavier University (Cynthia Dulaney, Faculty Sponsor) 5 Are you in a relationship? The role of romantic relationships in assertiveness and stress among college students

Abby Glastetter, Southeast Missouri State University; Abigail Boyd, Southeast Missouri State University (Catherine Chou, Faculty Sponsor)

6 The Effect of Belief Superiority and Congeniality of Information on Tolerance

Abigayle Rose, Xavier University; Ivy Lewis, Xavier University (Tammy Sonnentag, Faculty Sponsor)

7 The Effect of Praise on Helping Intentions in the Presence of Prosocial and Antisocial Norms

Katie Hughett, Xavier University; Stephanie Conners, Xavier University (Tammy Sonnentag, Faculty Sponsor)

8 Incidental social exclusion: a new experimental paradigm

Megan DeLire, DePaul University; Adrian Leon, DePaul University; Verena P Graupmann, DePaul University (Verena Graupmann, Faculty Sponsor)

9 Mental health and discipline through the eyes of educators

Courtney Conway, University of Wisconsin- La Crosse; Carly Chadd, University of Wisconsin- La Crosse (Bianca Basten, Faculty Sponsor)

10 Religious change: Who stays and who goes?

Yuki Kojima, Hope College; Alissa Sweeney, Hope College; Carolyn Priebe, Hope College; Matt Severino, Hope College; Taylor Richmond, Hope College (Daryl Van Tongeren, Faculty Sponsor)

11 The Effect of Religious Priming on Attitudes Towards Immigrants

Carolyn Priebe, Hope College; Taylor Richmond, Hope College; Matt Severino, Hope College; Alissa Sweeney, Hope College; Yuki Kojima, Hope College (Daryl Van Tongeren, Faculty Sponsor)

12 To Be or Not To Be: The Effect of Perspective-Taking On Self-Perceptions

Anna Snyder, Xavier University; Haydee Castillo, Xavier University (Tammy Sonnentag, Faculty Sponsor)

13 The effect of perceived carbon footprint and environmental message framing on pro-environmental attitude and willingness to engage in mitigation efforts

Claire Fischer, Xavier University; Patrick Brown, Xavier University (Tammy Sonnentag, Faculty Sponsor)

14 College life and religious change

Matt Severino, Hope College; Carolyn Priebe, Hope College; Alissa Sweeney, Hope College; Yuki Kojima, Hope College; Taylor Richmond, Hope College (Daryl Van Tongeren, Faculty Sponsor)

15 An Empirical Investigation into the Differences in Same vs Other-Sex Sexual Behavior Occurring in Heterosexual Adult's Most Recent Mixed-Gender Threesome Experience

McKenna Osborn, University of Minnesota Duluth; Ashley Thompson, University of Minnesota Duluth (Ashley Thompson, Faculty Sponsor)

16 Skin tone and perceptions of attractiveness and health

Lauren Banicki, Saint Xavier University; Angela Pirlott, Saint Xavier University (Angela G. Pirlott, Faculty Sponsor)

17 Effects of Pick-up Lines in the Workplace

Ms. Deja Jones, Xavier University; Chloe Gilbert, Xavier University (Tammy Sonnentag, Faculty Sponsor)

18 Social Media and Life Satisfaction

Mary Michel, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

19 Awe and the small self: A systematic review

Hadley Reetz, DePaul University; christopher cole, DePaul University; Caitlin Ailsworth, DePaul University; Kimberly Quinn, DePaul University (Dr. Kimberly Quinn, Faculty Sponsor)

20 Aesthetic Pleasure as a Motive for Materialism and its Relationship to Wellbeing

Angelica Virzi, DePaul University; Andrea Bellovary, DePaul University; Kimberly Quinn, DePaul University (Kimberly Quinn, Faculty Sponsor)

21 Understanding How Framing Racial Inequality Affects Racial Attitudes: A Replication

Emily Sanabria, Dominican University; Adilene Osnaya, Northwestern

University; Sirenia Sanchez, Northwestern University; Juana Iris Borrego Solis, Dominican University (Tina Taylor-Ritzler, Jason C. Pych, Or'Shaundra Benson-Merick, Faculty Sponsor)

22 The Relationship Between Oxytocin and Trusting Personality

Emma Holtz, Western Illinois University; Kinsey Brawner, Western Illinois University (Kristine Kelly, Faculty Sponsor)

23 Real Women Wear Stilettos to Class: Predictors of Raunch Culture Endorsement

Grace Sinclair, Murray State University (Dr. Jana Hackathorn, Faculty Sponsor)

PSI CHI AWARD WINNER

24 Hostile and Benevolent Sexism in STEM: Motivator or Suppressor? Andie Leeper, Central College (Randall Renstrom, Faculty Sponsor)

This experiment examined the role of hostile and benevolent sexism on women's interest in STEM majors. It was hypothesized that exposure to benevolently sexist comments, more so than hostile sexism, would decrease female students' interest and confidence in STEM fields.

25 Would You Report It?: Predicting Sexual Violence Reporting Among College Students

Andrew Thrower, Southeast Missouri State University; Randi Spiker, Florida International University; Megan Golden, Southeast Missouri State University (Eu Gene Chin, Faculty Sponsor)

26 The link between religious affiliation and weight-based-rejectionsensitivity on body esteem

Megan Chan, Hope College; Maya Newell, Hope College; Alyssa Iehl, Hope College (Mary Inman, Faculty Sponsor)

27 Multicultural education and attitudes towards immigrant groups in the U.S.

Anika Lillegard-Bouton, University of Northern Iowa (Helen C. Harton, Faculty Sponsor)

28 Generation Z: Changing Attitudes About and Behaviors Toward the 2020 COVID-19 Pandemic

Nicole Greenwood, Cardinal Stritch University; Frida Aguilar Salas, Cardinal Stritch University; Guneet Arora, Cardinal Stritch University; Fatima Barajas, Cardinal Stritch University; Esmeralda Calderon, Cardinal Stritch University; Giovanni Cantoral, Cardinal Stritch University; Alyssa Denault, Cardinal

Stritch University; Madison Fisler, Cardinal Stritch University; Jaqueline Tavares Vera, Cardinal Stritch University; Karina Ugarte, Cardinal Stritch University; Benjamin Williams, Cardinal Stritch University; Chrystin Xiong, Cardinal Stritch University (Terry Steele, Faculty Sponsor)

29 College Dating: Risk Taking and Friendship Quality in College Students Romantic Relationships

Abigail Boyd, Southeast Missouri State University; Abby Glastetter, Southeast Missouri State University; Catherine Chou, Southeast Missouri State University (Catherine Chou, Faculty Sponsor)

30 The social effect of alcohol on group dynamics

Sara Mei, University of Illinois at Urbana-Champaign; Talia Ariss, University of Illinois at Urbana-Champaign (Catharine Fairbairn, Faculty Sponsor)

31 Decreasing Undergraduate Students' Stigmatizing Attitudes Towards Individuals with Schizophrenia

Maxwell Ronyak, Xavier University (Cynthia L. Dulaney, Faculty Sponsor)

32 Exploring the Impact of Online-Facilitated Infidelity on One's Primary Relationship and the Moderating Role of Implicit Theories of Relationships

Rachel Miller, University of Minnesota Duluth; Ashley Thompson, University of Minnesota Duluth (Ashley E. Thompson, Faculty Sponsor)

33 Laughing when uncomfortable: a novel method to induce nervous laughter

Riley Grady, Western Illinois University (Colin Harbke, Faculty Sponsor)

34 Can undergoing trauma make you better at reading emotions in others?: Examining the relationship between emotion recognition, traumatic events, and posttraumatic growth

Taylor Elam, Oakland University; Emilee Causey, Oakland University; Victoria Kaznowski, Oakland University; Colin O'Brien, Oakland University; Kanako Taku, Oakland University (Kanako Taku, Faculty Sponsor)

35 Social Disruption Relationship to PTSD Symptoms Appearance During COVID-19 Pandemic: Does Resilience Matter?

Luis Saw, Andrews University (Harvey Burnett, Karl Bailey, Faculty Sponsor)

36 The Treatment of LGBTQ+ Students on Same Sex and Co-ed Campuses

Madeleine Green, Saint Mary's College (Dr. Bettina Spencer, Faculty Sponsor)

37 Psychology students' perspective on the appropriateness of trigger warnings: Comparing a religious university to a large national sample Jasmine Collard, Andrews University; Herbert W. Helm Jr., Andrews University (Herbert W. Helm Jr., Faculty Sponsor)

PSI CHI AWARD WINNER

38 Personal characters that predict emotional captical behavior

Yiwen Gu, Syracuse University; Jianqiao Shentu, Syracuse University (Brittany Jakubiak, Faculty Sponsor)

Although emotional capital has positive consequences, the characteristics that predict the likelihood of developing emotional capital are unknown. We found that lower attachment avoidance and greater relationship quality independently predicted participants engagement in behaviors that develop emotional capital during unexpected free time with their romantic partners.

39 Alcohol Use Disorder Stigma: The Effect of Labels on Perceptions Alexandria Hamilton, University of Indianapolis; Jordan Waldron, University of Indianapolis (Jordan Waldron, Faculty Sponsor)

40 The relationship between individual leadership style, gender role conflict, and the perception of leaders

Samantha Chaffee, Saint Mary's University of Minnesota (Molly O'Connor, Faculty Sponsor)

41 Media and perceptions.

Grace Kerestly, Angelo State University (Teresa Hack, Faculty Sponsor)

42 The Role of Competition and Cooperation in Promoting Prosocial Behavior

Teddy Schupack, Elmhurst University; Alec Degnan, Elmhurst University; Paola Nava, Elmhurst University (Joshua VanArsdall, Faculty Sponsor)

PSI CHI AWARD WINNER

43 Impact of aggressive incidents between sports teams on fan aggression Jacob Langguth, Xavier University; Paige Leonard, Xavier University (Cindy Dulaney, Faculty Sponsor)

To examine the impact of aggressive incidents on fan aggression, participants

learned of aggressive or non-aggressive incidents from a video and article. Fan aggression was not affected by the aggressive versus nonaggressive incidents. However, participants who had high team identification indicated they would be more likely to engage in aggression.

44 The effect of photographs on the narrative believability of positively and negatively framed stories

Camryn Backman, Xavier University (Tammy Sonnentag, Faculty Sponsor)

45 Mastery Mindset, State Perfectionism, and Performance Outcomes Jonie Welland, Truman State University; Jenna Walsh, Truman State University; Anh Ta, Truman State University (Yuna Ferguson, Faculty Sponsor)

46 Understanding the feelings of being a burden: A qualitative study of young adults with chronic illness.

Ashley Lundell, Carthage College (Kateryna Sylaska, Faculty Sponsor)

47 Social impacts of face masks

Lillian Mueller, Xavier University; Ashley Durbin, Xavier University; Macey Windley, Xavier University; Stephanie Holmes, Xavier University (Christian End, Faculty Sponsor)

48 Music preference and memory

Leah Beran, Nebraska Wesleyan University (Rachel Hayes, Faculty Sponsor)

49 The effects of solution source on solution aversion to climate change Anna Clark, The University of Northern Iowa; Jackson Lucy, University of Northern Iowa (Nicholas Schwab, Faculty Sponsor)

50 How media representations of Autism affect bias towards those with Autism

Alison Williams, Radford University; Nicole Iannone, Radford University; Laura Ruth Parker, University of Houston Downtown (Nicole Iannone, Faculty Sponsor)

51 Gender Differences in OnlyFans Content Creators' Subscription Pricing Strategies

Joshua Nichols, Elmhurst University; Alec Degnan, Elmhurst University; Marina Orrico, Elmhurst University; Zaharina Jimenez, Elmhurst University; Vanessa Sevilla, Elmhurst University; Jessica Watz, Elmhurst University; Christopher Munt, Purdue University (Joshua VanArsdall, Faculty Sponsor)

52 Implicit and explicit attitudes towards people with disabilities

Abigail Right, Lindenwood University (Michiko Nohara-LeClair, Faculty Sponsor)

53 Differences in athletic burnout in college student athletes based on gender and personality traits

Tyler Blalock, Radford University; Nicole Iannone, Radford University (Nicole Iannone, Faculty Sponsor)

54 Value-Violation and the Influence of Binding Moralities and Personality

Kaitlyn Harndon, Francis Marion University (Megan Haggard, Faculty Sponsor)

55 The impostor phenomonon and implicit theories of intelligence

Sydney Vian, University of Wisconsin - La Crosse (Grace Deason, Faculty Sponsor)

56 Examining First Responders Mental Health

Taylor Richmond, Hope College (Daryl Van Tongeren, Faculty Sponsor)

57 Covid-related Stressors and Intimate Partner Violence

Allison Whitcraft, Purdue Fort Wayne; Jody Ross, Purdue University, Fort Wayne (Jody Ross, Faculty Sponsor)

58 Physical affection and relationship satisfaction

Clara Kolinek, Andrews University; Herbert W. Helm Jr., Andrews University (Herbert Helm, Faculty Sponsor)

59 The Effect of Obesity Framing on Health Food Choices and Body Dissatisfaction

Gabriela Giza, Dominican University; Alison Laton, Dominican University (Tracy L. Caldwell, Faculty Sponsor)

60 Public views of criminal recidivism

Ben Williams, Cardinal Stritch University (Terrance L. Steele, Faculty Sponsor)

61 Parental acceptance and rejection and its effect on romantic relationships

Nana Frimpong, Cleveland State University; Liz Goncy, Cleveland State University (Elizabeth A Goncy, Faculty Sponsor)

62 Secret sharing: how betrayal can breed trust

Bailey Crocker, Oklahoma State University; Sarah Ziehme, Oklahoma State University; Laureon Merrie, Oklahoma State University; Jaimie Krems, Oklahoma State University (Jaimie Arona Krems, Faculty Sponsor)

63 The impact of social inclusion and exclusion on relational and referential creativity

Blair Martin, DePaul University; Jessica Chackoria, DePaul University (Ralph Erber, Faculty Sponsor)

64 Decreasing stigmatization of individuals with disordered eating by priming uniting identity.

Karina Marquez, St. Ambrose University; America Cortes, St. Ambrose University (Robin Anderson, Katrina Okerstrom-Jezewski, Faculty Sponsor)

65 Cultural Intelligence Among College Athletes and Non-Athletes Lloyd Campbell, Rochester University (Robyn Siegel-Hinson, Faculty Sponsor)

66 Can Clothing Quality Affect the Quality of One's Cognitions?Samuel Schommer, Saint Norbert College (Dr. Paul Ngo, Faculty Sponsor)

67 A Mixed-Method Analysis of Sexual Outcomes Following Participation in a Mixed-Gender Threesome with One's Romantic Partner

Katelynn Gooch, University of Minnesota - Duluth; Ashley Thompson, University of Minnesota Duluth (Ashley Thompson, Faculty Sponsor)

68 Student perceptions of university mental health resourcesHailey Nold, Augustana University (Benjamin Jeppsen, Faculty Sponsor)

69 Factors of offender success

SukYi Scott (she/her), Maryville University of St. Louis (Dustin Nadler, Faculty Sponsor)

70 Exploring the Effect of Emotional Chatbots on Sociopsychological Processes

Carolynn Boatfield, Lake Forest College; Vivian Ta, Lake Forest College; Caroline Griffith, Lake Forest College (Vivian Ta, Faculty Sponsor)

71 Engaging in Social Action: Effects of Social Media and Perceived Expertise

Sally Evoy, Central College; Abigail Malecha, Central College; Leighia VanDam, Central College (Keith T. Jones, Faculty Sponsor)

72 Judgements in Child Welfare Cases

Mari Pullman, King's University College, Western university (Michael Morrison, Faculty Sponsor)

73 Courtroom Dynamics

Ana Liu, Saint Mary's College, Notre Dame (Andrea O'Rear, Faculty Sponsor)

74 Sport and perspective taking

Hillary Copeland, Murray State University (Dan Wann, Faculty Sponsor)

75 Friendship quality of young adults with chronic diseases

Daliyah Gardner, Southeast Missouri State University; Alison Whiteford-Damerall, Southeast Missouri State University (Alison Whiteford-Damerall, Faculty Sponsor)

76 Dehumanization and physical disability

Jason Sitruk, University of Denver; Kevin Summers, University of Denver; E. Paige Lloyd, University of Denver (Paige E. Lloyd, Faculty Sponsor)

PSI CHI AWARD WINNER

77 Mental time travel -- Regret forecasting and the role of emotion regulation

Thao-Nhi Huynh, Augustana college (Daniel Corts, Faculty Sponsor) Although people frequently make decisions based on anticipated regret, previous studies on affect forecasting have conflicting findings regarding the forecasting accuracy and the underlying mechanisms. This study hypothesizes that people tend to overestimate future regret, which is due to the underestimation of their future engagement in emotion regulation strategies.

78 Perceptions of restorative potential in relation to introversion/extraversion and subjective wellbeing

James Brads, Taylor University; Luke Slater, Taylor University (Laura McClelland, Faculty Sponsor)

79 Dissecting the Influence of Race, Gender, and Socioeconomic Status on Perceptions of Others' Pain

Vanessa Iroegbulem, Augustana College (Daniel Corts, Faculty Sponsor)

80 Trust nobody: Increase in conspiracy mindset between 2019 and 2020 Loui Chang, University of Kentucky; Roberto Obregon Garcia, University of Kentucky; Helena Arjona, University of Kentucky (Steven Arthur, Andrea Friedrich, Faculty Sponsor)

PSI CHI AWARD WINNER

81 Individualism and Collectivism as Predictors of Perceived Threats and Negative Attitudes toward people with Mental Illness and Disabilities

Franchesca Bondoc, Point Loma Nazarene University; Rosemond Lorona, Point Loma Nazarene University (Dr. Rosemond Lorona, Faculty Sponsor) We observed how individualism and collectivism predicted stigma and attitudes toward people with mental illness and disabilities. Participants were 236 adults recruited from MTurk. Individualism significantly predicted more perceived threats and negative attitudes. America values individualism and these values may lead to perceived threats and negative attitudes towards marginalized groups.

82 Factors of Student Success

Mckenzie Murphy, Maryville University; Andrea Dultra, Maryville University (Dustin Nadler, Faculty Sponsor)

83 The Impact of Social Media on Attitudes Towards Trump

Dana Benavides, Texas Tech University; Adelina Quintana, Texas Tech University; Olivia Kuljian, Texas Tech University; Zachary Hohman, Texas Tech University (Zachary Hohman, Faculty Sponsor)

84 Law Enforcement Officer Resilience and Response to Critical Incidents

Brendan Williams, John Brown University (Melissa Hall, Faculty Sponsor)

85 The cycle of abuse involving exposure to family violence, attachment style, and ambivalent sexism.

Kathryn Price, Southeast Missouri State University (Jeremy Heider, Faculty Sponsor)

86 Sex Education Practices and the Impact on Emotional Attitudes of Anxiety and Body Dysmorphia

Julianna McKenna, Saint Mary's College (Andrea O'Rear, Faculty Sponsor)

87 Racial Differences in Perceptions of American Systems

Karolina Skoczen, DePaul University; Daniel Hansen, DePaul University;

Claire Galloway, DePaul University; Andrea Bellovary, DePaul University (Christine Reyna, Faculty Sponsor)

88 Saliendo del closet: Perceptions of maternal responses, to Mexican American lesbian daughters coming out

Jennifer Gil, University of Idaho; Traci Craig, University of Idaho (Traci Craig, Faculty Sponsor)

89 What Does Cultural Appropriation Mean to You?: Examining Racial Differences in Perceptions of Cultural Appropriation

Fariha Ahmed, Northwestern University; Sirenia Sanchez, Northwestern University; Sylvia Perry, Northwestern University (Sylvia Perry, Faculty Sponsor)

90 Whose Life Matters? How Dehumanization Affects Perceptions of Social Movements

Sarah Musa, Texas Tech University; Emily Dixson, Texas Tech University; Olivia Kuljian, Texas Tech University (Dr. Zachary Hohman, Faculty Sponsor)

PSI CHI AWARD WINNER

91 A content analysis of LGBTQ+ policies, resources, and public perception at Catholic, Protestant, and secular colleges and universities Ivol Frasier, Saint Mary's College (Andrea O'Rear, Faculty Sponsor) This study analyzes policies, available resources and their public accessibility, and the public perception of the climate regarding LGBTQ students at Catholic, Protestant, and secular universities. Results may uncover disparities in policy and resources for LGBTQ+ students at religious universities and thus the potential for negative impact on student development.

92 Differences in perceptions of men and women with major depressive disorder

Maddie Jenkins, SIUE (Rachel Tennial, Faculty Sponsor)

93 Effects of Emotional State and Attachment Style on Self-Control Rachael Danielson, Central College; Dale Morlan, Central College; Emma Snyder, Central College (Keith T. Jones, Faculty Sponsor)

94 The effect of malleable mindset on emotion-recognition skills: Parents of children with rett syndrome and parents of children without rett syndrome

Emily Burrows, Rochester University (Dr. Robyn Siegel-Hinson, Faculty Sponsor)

95 Consent Beliefs and Behaviors of College Students

Molly Potter, Ripon College; Claire Greenlee, Ripon College; Ellen Lee, Ripon College; Dominica Cipriani, Ripon College (Ellen Lee, Julia Manor, Faculty Sponsor)



Getting In: Applying to Graduate Programs

Thu 9:30AM - 10:20AM

Psi Chi Room

9:30 Getting In: Applying to Graduate Programs

Marcie Coulter-Kern, Manchester University; Jonathan Hammersley, Western Illinois University



Psi Chi: Poster Session II: Social

Thu 10:00AM - 10:50AM

Poster Room

1 Latent Profile Analysis of Dating and Sexual Aggression Perpetration among College Students

Shannon Renken, Iowa State University; Anna Shull, Iowa State University; Nicole Hayes, Iowa State University; Monica Marsee, Iowa State University (Monica Marsee, Faculty Sponsor)

2 Procrastination Influence on College Satisfaction: Sleep as a Mediating Role

Eryn Nielsen, Maryville University (Dustin Nadler, Faculty Sponsor)

3 The nearsightedness of media spectacles: measuring appraisals of aggression through psychological distance

Henry Biedron, Kenyon College; Patrick Ewell, Kenyon College (Patrick Ewell, Faculty Sponsor)

4 Math anxiety and trait anxiety as moderators of subjective and physiological responses to psychosocial stress

Devan Nelson, Carthage College; Nora Nickels, Carthage College (Nora Nickels, Faculty Sponsor)

5 Persuasion and Swearing: How gender, status, and word choice influence attitudes

Evan Gray, College of DuPage; Adrian Brown, College of DuPage; Brianna Orto, College of DuPage; Elizabeth Arnott Hill, College of DuPage; Or'Shaundra Benson, College of DuPage; Kenneth Gray, College of Dupage (Elizabeth Arnott-Hill, Or'Shaundra Benson, Ken Gray, Faculty Sponsor)

6 Oh no she didn't: Influence of gossip on black sheep effects Hillary Copeland, Murray State University (Jana Hackathorn, Faculty Sponsor)

7 An American/Romanian cross-cultural study of romantic attitudes Mark Hatala, Truman State University; Alexandra Eni, University of Bucharest; Annie Bensyl, Truman State University; Kayley Lawson, Truman State University; Genevieve Hockett, Truman State University; Henry Murphy, Truman State University; Ian Esteban, Truman State University (Mark Hatala, Faculty Sponsor)

8 Imposter phenomenon, academic cheating, and perfectionism Alyssa Leitzke, Wisconsin Lutheran College (Leanne Olson, Faculty Sponsor)

9 Social and psychological influences on the use of Juul devices Luke Hermle, Clarke University; Lindsey Herrmann, Clarke University; Olivia Aspiras, Clarke University (Olivia Aspiras, Faculty Sponsor)

10 Overestimated Performances by Political IdeologyJared Elijah Wilson, Viterbo University (David Bauer, Faculty Sponsor)

11 How Significant Events Affect Students During COVID-19 (SARS-CoV-2)

Madeline Ruehl, Maryville University (Dr. Dustin Nadler, Faculty Sponsor)

12 Exploring the role of attributions on gender disparities in mental health stigma

Sarah Nawar, Indiana University (Anne Krendl, Faculty Sponsor)

13 Cities research mentor project

Elena Sandoval, Dominican University; Esmeralda Mariscal, Dominican University; Cecilia Uriostegui, Dominican University (Sophia Duffy, Faculty Sponsor)

14 Dogs, Cats, and Meaning in Life.

Haley Coward, University of Missouri; Hope Rose, University of Missouri (Laura King, Faculty Sponsor)

15 Do tattoos affect the apparent attractiveness of women and men? Miranda Wilson, St. Norbert College (Paul Ngo, Faculty Sponsor)

16 Ableism, microaggressions, and Disability Battle Fatigue lessen the success of students with highly visible, physical disabilities in higher education

Kaci Conley, Maryville University (Dustin Nadler, Faculty Sponsor)

17 Experimental Evaluation of Implicit Bias Education in the Classroom Alexis Camp, Southern Illinois University Edwardsville; Haileigh Verdeyen, Southern Illinois University Edwardsville; Madalynn McKenzie, Southern Illinois University Edwardsville; Courtney Yildiz, Southern Illinois University Edwardsville (Carlee Beth Hawkins, Faculty Sponsor)

18 Differences in Racial Biases between College Educated and Non College Educated Adults

Katelynn Rogers, Saint Mary's College of Notre Dame (Andrea O'Rear, Faculty Sponsor)

19 Video Intervention to Reduce Aging Anxiety in Young AdultsRagan Williams, Marian University; Laurel Camp, Marian University (Dr. Laurel Camp, Faculty Sponsor)

20 Recommended Consequences for Verbal vs. Physical Sexual Harassment

Hannah Djakovich, John Carroll University (Dr. Yost, Faculty Sponsor)

21 Race and Gender Influences on Behavioral Job Interviews Farhiya Muhidin, Green Bay; Allen Huffcutt, University of Wisconsin Green

Bay; Richard Kellogg, University of Wisconsin Green Bay; Kaitlyn Zbichorski, University of Wisconsin Green Bay; Mariah Mcdonough, University of Wisconsin Green Bay; Zachary Maye, University of Wisconsin Green Bay; Ka Lang Lor, University of Wisconsin - Green Bay; Nicholas Heitman, University of Wisconsin Green Bay; Kathryn Marten, University of Wisconsin Green Bay; Lindsey Casper, University of Wisconsin-Green Bay (Allen I Huffcutt, Faculty Sponsor)

22 The influence of positive intergroup interactions on willingness to interact

Kathryn Gustafson, Marquette University; Nakia Gordon, Marquette University (Nakia S. Gordon, Faculty Sponsor)

23 Gender identity and dominance and submissiveness

Alex Kobylka, Beacon College (Dr. Andrea Marsden, Faculty Sponsor)

24 The influence of face masks on recognizing emotions

Carson Goerlitz, MIssouri Western State University; Brienna Dove, MIssouri Western State University; Gabriele King, MIssouri Western State University (Teddi Deka, Faculty Sponsor)

25 Tinder use, attachment, and loneliness in college students

Annie Mogilnicki, Kenyon College (Dana Krieg, Faculty Sponsor)

26 All Mixed Up: Multiracial Identity & Existential Isolation

Skyler Carter, University of Missouri-Columbia (Jamie Arndt, Peter Helm, Faculty Sponsor)

27 Perceptions of Taking Revenge

Kylie Anderson, Truman State University; Yuna Ferguson, Truman State University; Sotiria Karanikolas, Truman State University; Julianna Hefele, Truman State University (Yuna Ferguson, Faculty Sponsor)

PSI CHI AWARD WINNER

28 Attitude Formation toward Methadone for Addiction Treatment

Taryn Curie, Manchester University; Pete Martini, Manchester University (Peter Martini, Faculty Sponsor)

Increases in opioid related deaths is concerning. Medically assisted treatment (MAT) is effective, but not implemented widely. Public attitudes have not been widely researched. This project fills the gap focusing on public attitudes

twords MAT and addiction. Understanding how the American public feels about MAT can help law makers in future campaigns.

29 Does Synchronized Movement Bolster Psychological Needs?Olivia Bishop, Western Illinois University (Kristine Kelly, Faculty Sponsor)

30 The relationship between academic attitudes, motivations, and achievement in chronically ill college students.

Elizabeth Johnson, University of Michigan - Dearborn (Robert Hymes, Caleb Siefert, Faculty Sponsor)

31 Anxiety On Campus: The Interactions Between Number of Roommates, Relational Self-Construal, Loneliness and Anxiety Isabella Andersen, University of Wisconsin - La Crosse (Berna Gercek

32 The Effects of Activities and Social Interaction on Anxiety Kathleen Shields, Bradley University; Lane Beckes, Bradley University (Lane Beckes, Faculty Sponsor)

Swing, Faculty Sponsor)

PSI CHI AWARD WINNER

33 Maybe She's Born With It, Maybe It's Objectification: Exploring Perceptions of Womanhood and Humanity

Murphy McCoy, Carroll University; Brittany Drag, Carroll University; Jessica Henzig, Carroll University; Samantha Everson, Carroll University; Neve Kronhelm, Carroll University; Abigail Riemer, Carroll University (Abigail Riemer, Faculty Sponsor)

We manipulated perceiver's objectifying focus and target's sex appeal to explore ascriptions of women's humanity and womanhood. An appearance focus is expected to decrease perceived humanity whereas attractive targets are expected to be perceived as less human, but more womanly. This would suggest that womanhood may cost women their humanity.

34 The Blueprint to Achieve Womanhood: Using Self-Sexualization to Mediate Objectification and Womanhood

Samuel Valenzia, Carroll University; Kristen Reszka, Carroll University; Shiori Goto, Carroll University; Caitlin Troccoli, Carroll University; Ambryn Dittmer, Carroll University; Abigail Riemer, Carroll University (Abigail Riemer, Faculty Sponsor)

35 Positive psychology and student success

Leah Beran, Nebraska Wesleyan University; Bailey St. Clair, Nebraska Wesleyan University (Rachel Hayes, Faculty Sponsor)

36 Benevolence toward Men and Political Conservatism among Married and Never-Married Women

Tara Goering, University of Nebraska Omaha; Abigail Folberg, University of Nebraska Omaha; Carey S. Ryan, University of Nebraska, Omaha (Carey Ryan, Abby Folberg, Faculty Sponsor)

37 Like father, like partner? The influence of parental traits on implicit and explicit mate preferences

Emily Dodge, Hope College; Alexx Irwin, Hope College (Carrie Bredow, Faculty Sponsor)

38 Sustainability

Stephanie Zachemski, Carroll University (Tara Schmidt, Faculty Sponsor)

39 Social anxiety and mask wearing due to the COVID-19 pandemic Michayla Kading, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

40 Incremental validation of a measure of motivation and affect in social support

Christian Jetton, Bradley University; Christopher Cockrell, Bradley University (Lane Beckes, Faculty Sponsor)

41 Prospect theory vs. self-esteem hypothesis: Impact of state self-esteem on risk-taking behavior

Bethany Jewell, John Carroll University (John Yost, Faculty Sponsor)

42 The Role of Cognitive Dissonance in Evangelical's Opinions of Immigration

Marti Martin, Metropolitan State University; Mark Stasson, Metropolitan State University (Mark Stasson, Faculty Sponsor)

43 The effect of lovingkindness and mindfulness meditation on cognitive empathy among grandiose narcissists

Miah Stiefel, Bradley University; Madelyn Grady, Bradley University; Austin Smith, Bradley University; Debrah Garcia, Bradley University; Amanda Riggenbach, Bradley University (Anthony Hermann, Faculty Sponsor)

44 The Role of Time Preference in Parent Child Interactions: A Possible Mediator of Socioeconomic Differences in Child Language Outcomes Eleanor Bessner, University of Iowa; Ozlem Ece Demir-Lira, University of Chicago (Dr. Ece Demir-Lira, Faculty Sponsor)

45 Do parenting styles shape perceptions of student-faculty relationships?

Cassie Talbot, Augustana College; Fenet Haile, Augustana College (Daniel Corts, Faculty Sponsor)

46 How Comfortable Are You? The Effects of Social Dominance and Race Biases

Alexis Cheatham, Franklin College (Ryan Rush, Kristin Flora, Faculty Sponsor)

47 Retaining caseworkers predicts permanent placement for foster children

Paula Morris, Southeastern Missouri University (Jeremy Heider, Faculty Sponsor)

48 Kindness matters: Exploring differences in perceptions of kind acts Kimberly Bruckman, Northeastern Illinois University; Juvonne Spence, Northeastern Illinois University; Kiran Ahsan, Northeastern Illinois University (Maureen W Erber, Faculty Sponsor)

49 The formation of political ideals in faculty and staff in higher education.

Lucas Frank-Holzner, Beacon College (AJ Marsden, Faculty Sponsor)

50 Office email communication: how status, tag languange, and gender affects perception of personality

Brian Ray, Northeastern Illinois University; Mierel Rehich, Northeastern Illinois University (Amanda Dykema-Engblade, Faculty Sponsor)

51 Black in the ivory tower: An examination of Black scholars' reports of discrimination in academia

Le'Elle Davis, University of Michigan; Arianna McClellan, University of Michigan (Isis Settles, Faculty Sponsor)

52 Conflict strategies, spiritual meaning, and spiritual disclosure across various relationships

Elissa O'Dell, Northwestern College (Laird Edman, Faculty Sponsor)

53 Labels and phenotypicality: Examining determinants of anxiety towards nonbinary individuals

Camille Abelanet, University of Denver; Gina Paganini, University of Denver; E. Paige Lloyd, University of Denver (E. Paige Lloyd, Faculty Sponsor)

54 Time-varying relations between loneliness and depression in the years leading up to and following a marital transition

Katharine Flanagan, University of Notre Dame; Raquael Joiner, University of Notre Dame; Cindy Bergeman, University of Notre Dame (Cindy S. Bergeman, Faculty Sponsor)

55 Perception of classmates: does anxious behavior invite negative perceptions?

Mierel Rehich, Northeastern Illinois University; Brian Ray, Northeastern Illinois University (Amanda Dykema-Engblade, Faculty Sponsor)

56 "Mask Hysteria:" The Impact of Subjective Variables on Mask-Wearing During the COVID-19 Pandemic

Sarah Haught, Hillsdale College (Kari McArthur, Benjamin Winegard, Faculty Sponsor)

57 Perceptions Among Latinx College Students and Their Engagement Gabriela Carmona, Northeastern Illinois University; Amanda Dykema-Engblade, Northeastern Illinois University (Amanda Dykema-Engblade, Faculty Sponsor)

- **58** Verbal fluency disorder and personality in the realm of social media Lauren Bacik, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)
- **59 Does facial maturity influence sentencing decisions for drug crimes?** Stephanie Oliinyk, University of Toronto; Jason Deska, Ryerson University; Nick Rule, University of Toronto (Jason Deska, Nicholas Rule, Faculty Sponsor)

60 Same Culture, Different Machismo

Loida Reyes Gomez, Greenville University (Eric Watterson, Faculty Sponsor)

61 Stereotypes within the transgender and non-binary community Hannah Gillum, University of Kansas; Aisha Khan, University of Kansas;

Daphnis McPherson, University of Kansas; Anna Pope, University of Kansas (Anna Pope, Faculty Sponsor)

62 Threats to masculinity result in anti-fat atttiudes

Karleigh Veglia, Pennsylvania State University; Abigail Loviscky, Penn State University; Nathaniel Schermerhorn, Pennsylvania State University; Theresa Vescio, Pennsylvania State University (Theresa Vescio, Faculty Sponsor)

63 A call for sustainable living: leveraging cognitive factors in sustainability communication

Zhengqi Huang, The Ohio State University (Brittany Shoots-Reinhard, Faculty Sponsor)

64 Juvenile justice: do raise the age laws change the meaning of being 18?

Alex Quigley, Loyola University Chicago (Yael Granot, Faculty Sponsor)

65 Meditation as a Tool for Prejudice Reduction

Josh Higgins, University of Kansas; Matthew Gratton, University of Kansas; Haya Abbas, University of Kansas; Anna Pope, University of Kansas (Anna Pope, Faculty Sponsor)

66 That's My Friend: Exploration of Traits Related to Parasocial Relationships

Weston Phipps, Missouri State University; Kennedy Cooper, Missouri State University (Amber Abernathy, CaSandra Stanbrough, Faculty Sponsor)

67 I, too, shall pass: Human mortality and the vast cosmos.

Erica Lumsden, DePaul University; Jason Snyder, DePaul University; Verena P Graupmann, DePaul University (Verena Graupmann, Faculty Sponsor)

68 The significance of feeling insignificant: deliberate vs. unintentional social exclusion

Sean Hyink, DePaul University; Andrea Sanders, DePaul University; Verena P Graupmann, DePaul University (Verena Graupmann, Faculty Sponsor)

69 Emotional security and adjustment as predictors of response to immigrants in Italy

Adeline DiChristofano, University of Notre Dame; E. Mark Cummings, University of Notre Dame (E. Mark Cummings, Faculty Sponsor)

70 Threat vigilance and God

Madison Dillerud, Bradley University; Emma Dowling, Bradley University; Declan Cawley, Bradley University; Lane Beckes, Bradley University; Anthony Hermann, Bradley University; Robert Fuller, Bradley University (Lane Beckes, Tony Hermann, Robert Fuller, Faculty Sponsor)

71 Comparing Transphobia Scales and Prediction of Transphobic Stereotypes

Aisha Khan, University of Kansas; Hannah Gillum, University of Kansas; Daphnis McPherson, University of Kansas; Anna Pope, University of Kansas (Anna Pope, Faculty Sponsor)

72 Religiosity and Older Ages Negative Perspective on Psychotherapy Antonio Renteria, Chicago State University (Jubilee Dickson, Faculty Sponsor)

73 Employing critical race theory to explore the effects of hegemony in U.S. curricula of undergraduate students' attitudes on privileges and oppression

Rebekah Monroe, Northeastern Illinois University (Amanda Dykema-Engblade, Faculty Sponsor)

74 Political affiliation and moral identity predict support for boundary enhancement

Ziyu Ren, University of Notre Dame; Chelsea Logo, University of Notre Dame; Jeff Musema, University of Notre Dame (Daniel Lapsley, Katheryn Kelley, Faculty Sponsor)

75 Moral Values and Ideological Conclusions Influence Perceived Credibility for Headlines

Morning Baker, University of Northern Iowa; Nicholas Clark, University of Northern Iowa (Helen Harton, Faculty Sponsor)

76 The Effect of Ethnicity on the Collective Blame of Muslims

Hailey Hatmaker, Xavier University; Abrielle Krekeler, Xavier University; Tess Michaelsen, Xavier University (Heather McCarren, Faculty Sponsor)

77 The effects of threats to masculinity on racism and xenophobia

Abigail Loviscky, Penn State University; Karleigh Veglia, Pennsylvania State University; Nathaniel Schermerhorn, Pennsylvania State University; Theresa Vescio, Pennsylvania State University (Theresa K. Vescio, Faculty Sponsor)

78 Predicting Knowledge of Sustainable Behaviors

Lila Sebetka, Central College; Keith Jones, Central College (Keith Jones, Faculty Sponsor)

79 What does it mean if we are dating?

Xinyu Wang, Lake Forest College; Annie Keller, Lake Forest College; Esther DeCero, Lake Forest College; Katelyn Kauth, Lake Forest College; Vivian Ta, Lake Forest College (Vivian Ta, Faculty Sponsor)

80 Intimate partner verbal abuse and alcohol use: Findings from a diverse university sample

Jasmine Collard, Andrews University; Melissa Ponce-Rodas, Andrews University (Melissa Ponce-Rodas, Faculty Sponsor)

81 Narcissism and self-serving bias in describing threats to romantic relationships.

Austin Smith, Bradley University (Dr. Tony Hermann, Faculty Sponsor)

82 Same Culture, Different Machismo

Loida Reyes Gomez, Greenville University (Eric Watterson, Faculty Sponsor)

83 Tunnel of Oppression Outcome Measurement

Daphnis McPherson, University of Kansas; Kirstie Camp, University of Kansas; Haya Abbas, University of Kansas; Hannah Gillum, University of Kansas; Aisha Khan, University of Kansas; Anna Pope, University of Kansas (Anna Pope, Faculty Sponsor)

84 Deconstructing the relationship between dehumanization and disability

Rebekah Asp, Bemidji State University (Thomas Dirth, Faculty Sponsor)

85 An exploration of the psychological correlates of ableist beliefs Rebekah Asp, Bemidji State University (Thomas Dirth, Faculty Sponsor)

86 The Virgin or the Whore: Effects of Fundamentalist Priming on Benevolent Sexism

Amanda Riggenbach, Bradley University; Claire Etaugh, Bradley University (Claire Etaugh, Faculty Sponsor)

87 The Effect of Mortality Salience and Human-Animal Cognitive Comparison on Attitudes Towards Animals

Christopher Demeules, St. Cloud State University (Brenda Buswell, Faculty Sponsor)

88 Political opinion and mental health related to the events of 2020 and personal demographics

Emma McGahan, Saint Mary's College, IN (Andrea O'Rear, Faculty Sponsor)

89 The Effects of Belief in Pure Evil and Belief in Pure Good on Reactive vs. Proactive Interpersonal Aggression

Lea Gainer, Penn State Abington College; Russ Webster, Penn State Abington College (Dr. Russ Webster, Faculty Sponsor)

90 Development and Validation of a Behavioral Paradigm to Measure Rejection Fear

Madison Rodatz, Bradley University; Carlie Heaton, Bradley University; Daiyana Young, Bradley University; Sage Beckes, Bradley University (Lane Beckes, Faculty Sponsor)

91 The Effects of Bystanders, Gender, and Race on Threat Perception Morgan Stockman, Central College; Sarah Ingalls, Central College; Monty Crain, Central College; Keith Jones, Central College (Keith T Jones, Faculty Sponsor)

- **92 How Motivational Goals Shape Interattitudinal Interactions** Rylan Deer, Indiana University (Mary Murphy, Faculty Sponsor)
- 93 Pratfalling in love: The effects of pratfalls on perceived attractiveness Sophia Pinz, Truman State University; Lillian Schell, Truman State University; Drew Killmer, Truman State University; Salvatore Costa, Truman State University; Gina Hattemar, Truman State University; Ian Esteban, Truman State University; Jaxson Mahlstadt, Truman State University



So You Want to be a Graduate Student? An Inside Look

Thu 10:30AM - 11:20AM

Psi Chi Room

10:30 So You Want to be a Graduate Student? An Inside Look

Sydney Thompson, Midwestern University-Downers Grove; Leah Faber, Midwestern University; Kristen Efantis, Midwestern University; Michelle Piasecki, Midwestern University; Justine Stewart, Wheaton College



Psi Chi: Poster Session III: Applied, I/O, & Cognitive

Thu 11:00AM - 11:50AM

Poster Room

1 The effect of dog interaction on job performance and confidence in the workplace

Emily Price, Xavier University (Dalia Diab, Faculty Sponsor)

2 The relationship between the dark triad and dysfunctional sport fandom

Brooke Kordys, Murray State University; Dan Wann, Murray State University (Daniel Wann, Faculty Sponsor)

3 How Unique Benefits and Salary Influence Recent College Graduates' Perceptions of the Workplace

Amy Steeno, Xavier University; Molly Baker, Xavier University (Tammy Sonnentag, Heather McCarren, Faculty Sponsor)

4 Effects of Tuition Sticker-Price and Out-of-Pocket Cost on College Perceptions

Kiera Dixon, Central College (Randall Renstrom, Faculty Sponsor)

5 The effect of a robotic arm on social interactions

Julann Scheibal, Southern Illinois University Edwardsville (Mitsuru Shimizu, Jenna Gorlewicz, Jerry Weinberg, Faculty Sponsor)

6 The Supervisor Relationship and Organizational Citizenship Behavior Michael Schneider, Southern Illinois University Edwardsville (Elora Voyles, Faculty Sponsor)

7 Student perceptions of professionalism

Kristie Campana, Minnesota State University, Mankato; Christina Sanders, Minnesota State University, Mankato; Teana Krolak, Minnesota State University, Mankato; Cheyanne Crisman, Minnesota State University, Mankato; Skylar Williams, Minnesota State University, Mankato; Samantha Giannelli, Minnesota State University, Mankato (Kristie Campana, Faculty Sponsor)

8 Burnout Amongst Dominican Students

Alfredo Loza, Dominican University (Tina Ritzler, Faculty Sponsor)

9 Behavior Description Interview

Farhiya Muhidin, Green Bay (Dr. Allen Huffcutt, Faculty Sponsor)

10 Improving peer-led team learning: Supporting students' metacognition and tutors' reflective practice

Aliyah White, Dominican University (Persis Driver, Tina Taylor Ritzler, Faculty Sponsor)

11 Multiple Factors Influence Hiring Decisions

Eryn Nielsen, Maryville University; Kaci Conley, Maryville University; Iwan Webster, Maryville University (Dustin Nadler, Faculty Sponsor)

12 Does Managerial Awareness of a Mental Health Diagnosis Affect Perceived Work Performance and Potential?

Maiya McSorley, University of Wisconsin-River Falls; Megan Beatty, University of Wisconsin-River Falls; Travis Tubre, University of Wisconsin -River Falls; Rik Seefeldt, UW River Falls (Travis Tubré, Rik Seefeldt, Faculty Sponsor)

13 Preventing student-athlete burnout

Allison Kasprzyk, University of Findlay (Andrea Mata, Faculty Sponsor)

14 Cognitive reappraisal as an intervention for unfair treatment at work Cassandra Hawkins, Northern Illinois University; Rachel Saef, Northern Illinois University; Lisa Finkelstein, Northern Illinois University; Courtney Thomas, NIU (Rachel Saef,Lisa Finkelstein,Courtney Thomas, Faculty Sponsor)

15 The influence of undergraduate teaching assistants on students' academic achievement and motivational outcomes.

Lance Grunert, Dominican University; Persis Driver, Dominican University; Tracy L. Caldwell, Dominican University; Aliyah White, Dominican University (Persis Driver, Tracy Caldwell, Faculty Sponsor)

16 Workplace discrimination against the disabled and ageism Michael Robinson, Liberty University

17 Long distance learning: Recall and recognition with video and Powerpoint conditions

Alaina Elliott, Mount Mercy University; Jaclynn Sullivan, Mount Mercy University (Jaclynn Sullivan, Faculty Sponsor)

18 Calling creativity: The effect of smartphone use on creativity Daniel Bishop, Augustana University; Kendall Cornick, Augustana University; Annemarie Fisher, Augustana University (Elizabeth Helder Babcock, Faculty Sponsor)

19 Irrelevant sound effects on false memory in the DRM paradigm Rebecca Wagner, University of Nebraska at Omaha; Beth Lyon, University of Nebraska at Omaha; Angela AuBuchon, Boys Town National Research Hosptial (Dr. Bethany Lyon, Dr. Angela AuBuchon, Faculty Sponsor)

20 Perceiving the gist of auditory information at brief exposures Megan Schulte, University of Wisconsin - Parkside; Melissa Gregg, University of Wisconsin Parkside (Melissa Gregg, Faculty Sponsor)

21 Undergraduate Academic Performance: Greater Self-Regulation Is Associated With Higher GPAs

Hannah Trautman, Murray State University (Amanda Joyce, Faculty Sponsor)

22 Testing the limits of practice testing

Grace Li, University of Illinois at Chicago; Tricia Guerrero, University of Illinois at Chicago (Jennifer Wiley, Faculty Sponsor)

23 Inhibiting and facilitating the human smile to test the facial feedback effect

Kalista Arendt, St. Norbert College; Emily Dehmer, St. Norbert College (Stuart Korshavn, Faculty Sponsor)

24 "Let's Just Call This Done": Examining College Students' Writing Revisions

Dani Toth, Saginaw Valley State University; Julie Lynch, Saginaw Valley State University (Julie Lynch, Faculty Sponsor)

25 The role of appearance and expectations on missing persons sightings Madison Hawley, University of Arkansas; Andrew Provenzano, University of Arkansas; James Lampinen, University of Arkansas (James Lampinen, Faculty Sponsor)

26 Schema and the Creation of False Memories

Allysia Holm, University of Nebraska at Omaha; Yuyi Jiang, University of Nebraska at Omaha (Bethany Lyon, Faculty Sponsor)

27 The effects of distance and lighting on juror decision-making Jaclyn Pugh, University of Arkansas; Andrew Provenzano, University of Arkansas; James Lampinen, University of Arkansas (James Lampinen, Faculty Sponsor)

28 Dichotomous Thinking had Positive Correlations with Four Other Cognitive Distortions

Nam Nguyen, Lindenwood University (Michiko Nohara-LeClair, Faculty Sponsor)

29 Can Black-and-White Thinking Color Judgement

Nam Nguyen, Lindenwood University; Sara Bagley, Lindenwood University (Sara Bagley, Faculty Sponsor)

30 Do People Reproduce Others' Incorrect Answers to General Knowledge Questions?

Ella DeBode, Northwestern University; Nikita Salovich, Northwestern University; David Rapp, Northwestern University (David N. Rapp, Faculty Sponsor)

31 Social Exclusion and the Animacy Effect: Are words for people particularly well-remembered?

Mary Ovan, Elmhurst University; Teddy Schupack, Elmhurst University (Joshua VanArsdall, Elizabeth Majka, Faculty Sponsor)

32 Think and you'll miss it: Magical misdirection through humor.

Ashley Lundell, Carthage College; Bennett Shebesta, Carthage College; Tailyn Ludwiczak, Carthage College; Anthony Barnhart, Carthage College (Anthony Barnhart, Faculty Sponsor)

33 The art of thriving: investigating the effects of art production and art evaluation on college students

Olivia Tjokrosetio, University of St Thomas (Greg Robinson-Riegler, Faculty Sponsor)

34 Memory and Emotion: Evaluating the Effects of Negatively Valenced Emotional Information on Memory

Morgan Johnson, University of Notre Dame (Gabriel Radvansky, Faculty Sponsor)

35 Memory and Emotion: Evaluating the Effects of Negatively Valenced Emotional Information on Memory

Morgan Johnson, University of Notre Dame; Gabriel Radvansky, University of Notre Dame (Gabriel Radvansky, Faculty Sponsor)

36 Weighing the options: Object weight perception in virtual reality Brooks Owen, Centre College; Caleb Snyder, Centre College; Drew Morris, Centre College (Drew Morris, Faculty Sponsor)

37 Causal connections in memory of the United States 2016 presidential election

Colleen Bartlett, University of Notre Dame (Gabriel A. Radvansky, Faculty Sponsor)

38 Eyewitness Descriptions of Distinctive Facial Features

Gage Regier, University of Arkansas; Amber Giacona, University of Arkansas (James Michael Lampinen, Faculty Sponsor)

39 Examining the Effect of Lineup Administrator Behavior on Eyewitness Identification

Reese Petersen, University of Arkansas; Amber Giacona, University of Arkansas (James Lampinen, Faculty Sponsor)

40 Perceptions of Memory Aid Usage

Yuyi Jiang, University of Nebraska at Omaha; Allysia Holm, University of Nebraska at Omaha (Bethany Lyon, Faculty Sponsor)

41 Brain fog in different chronic condition populations

Hayley Shasteen, Kent State University (Rachael N. Blasiman, Faculty Sponsor)

42 Words are magic: word access effect on comprehension and recall Jordan Weide, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

43 Visual attention differences among video-game players

Savannah Lewis, Ashland University; Natalie Clinger, Ashland University; Miranda Bielawski, Ashland University; Andrew Bailey, Ashland University; Lacey Rasmus, Ashland University; Brianna Jurosic, Ashland University; Tyler Mothersbaugh, Ashland University; Talyah Fogle, Ashland University; Hannah Outen, Ashland University (Peter Mallik, Mitchell Metzger, Faculty Sponsor)

44 Extraversion and neuroticism working in conjunction with mood and working memory

Derek Pirrung, University of Wisconsin-La Crosse (Melanie Cary, Faculty Sponsor)

45 Conversational synchrony and communicative success in masked and virtual interactions

Madison Bonati, Augustana College; Emmy Sharaan, Augustana College; Emily Szabo, Augustana College; Jue Jue Wai Hin Thaw, Augustana College; Rupa Gordon, Augustana College (Rupa G. Gordon, Faculty Sponsor)

46 Distractions, Self-Regulation, and Writing Processes

Chad Pocock, Saginaw Valley State University; Julie Lynch, Saginaw Valley State University; Dani Toth, Saginaw Valley State University; Hunter Grunwell, Saginaw Valley State University (Julie Lynch, Faculty Sponsor)

47 Religion in politics: How religious beliefs affect policy debates Christopher Parra, University of St. Francis; Eyal Sagi, University of St. Francis (Eyal Sagi, Faculty Sponsor)

48 Implications of Chronotype on Inhibition in College StudentsMaria Younan, Loyola University Chicago; Hannah Hagy, Loyola University

Chicago; Amy Heard Egbert, Loyola University Chicago (Amy Bohnert, Faculty Sponsor)

49 Black Cat

Rebecca Rocha, Wisconsin Lutheran College (Dr. Wendy Close, Faculty Sponsor)

50 Working memory performance for differentially-conditioned stimuli Sofia Mattson, University of Wisconsin - Milwaukee; Callen Shaw; Karina Montoto, University of Wisconsin - Milwaukee; Joseph Kornkven, University of Wisconsin - Milwaukee; Emily Siegel, University of Wisconsin - Milwaukee; Jonathan Santiago; Richard Ward, University of Wisconsin - Milwaukee; Christine Larson, University of Wisconsin-Milwaukee (Christine L. Larson, Faculty Sponsor)

51 Reacquisition of Skill in Rubik's Cube Solution

Alexandra Vogen, Southern Illinois University Edwardsville (Elizabeth Meinz, Faculty Sponsor)

52 The Effects of Emotional Priming and Encoding Modality on Recall Georgia Illa , Central College ; Kirsten Dean, Central College (Dr. Keith T. Jones, Faculty Sponsor)

53 Detecting head injuries with an EEG: Is it possible to narrow the amount of electrodes needed?

Cameron Shoemaker, Shawnee State University (Kyle Vick, Faculty Sponsor)

54 Cultural Differences in Earliest Childhood Memories

Nancy Montes, Saint Xavier University; Carissa Broadbridge, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

55 Superheroes for memory: How inflated confidence in memory skills influences accurate and false memory recall and recognition in the DRM Allison Anness, University of Indianapolis; Rebecca Snodgrass, University of Indianapolis; Tiffany Ellenburg, University of Indianapolis; MJ Loria, University of Indianapolis (Melissa J. Loria, Faculty Sponsor)

56 Do all types of mindfulness meditation increase analytical thinking? Adrian Brown, College of DuPage; Elizabeth Arnott Hill, College of DuPage; Or'Shaundra Benson, College of DuPage; Sarah Butler, College of DuPage;

Kenneth Gray, College of Dupage (Elizabeth Arnott-Hill, Or'Shaundra Benson, Sarah Butler, Ken Gray, Faculty Sponsor)

57 Replicating the framing effect: Effects from COVID-19 and political rhetoric

Julie Heniff, Lewis University; Spencer Campbell, Lewis University (Dr. Spencer Campbell, Faculty Sponsor)

58 A reimagined Alternative Uses Task: Creativity in the COVID-19 pandemic

Julie Heniff, Lewis University; Spencer Campbell, Lewis University (Spencer Campbell, Faculty Sponsor)

59 The Role of Comparison in the Interleaved Study Advantage

Bianca Trigo, University of Illinois at Chicago; Lena Hildenbrand, University of Illinois at Chicago; Jennifer Wiley, University of Illinois at Chicago (Jennifer Wiley, Faculty Sponsor)

60 Adapting the Language Experience and Proficiency Questionnaire for Dialects

Kaniya Hester, Northwestern University; Ryan Wagner, Northwestern University; Julia Borland, Northwestern University (Sayuri Hayakawa, Viorica Marian, Faculty Sponsor)

61 The Effect of Disgust on Directed Forgetting

Kalli Majewski, Augustana College; Teresa McKay, Augustana College (Dr. Daniel Corts, Faculty Sponsor)

62 Tactical Blinking: A Novel Case of Self-Deception among Magicians Kaitlyn Richardson, Carthage College; Anthony Barnhart, Carthage College (Anthony Barnhart, Faculty Sponsor)

63 Questions About Videos: Examining the Effects of Virtual Reality on Deception Detection

Colin Lamb, University of Dayton; Ian Robinson, University of Dayton; Megan Frillici, University of Dayton (Dr. Susan Davis, Faculty Sponsor)

64 Co-witness influence on police lineup identifications

Chase Siner, University of Arkansas; Amber Giacona, University of Arkansas; James Lampinen, University of Arkansas (James Lampinen, Faculty Sponsor)

65 What I Should Have Done Was Nothing: Cognitive Bias toward Action

Margaret King, Truman State University; Annie Schwend, Truman State University; Connor Firth, Truman State University; Nate Aldrich, Truman State University (Karen Vittengl, Faculty Sponsor)

PSI CHI AWARD WINNER

66 The effects of police bias and assumptions on photo lineup administrations

Chase Siner, University of Arkansas; Amber Giacona, University of Arkansas; James Lampinen, University of Arkansas (James Lampinen, Faculty Sponsor)

The current study examined the influence of biased police officers on the photo lineup identifications of eyewitnesses through the use of a lineup administration roleplay. Witnesses were more likely to pick incorrect suspects from a lineup when the officer was aware of the suspect's identity and suspected they were guilty.

67 Get down to brass tacks with the beat: how rhythm affects temporal perception

Kami Boedigheimer, University of St. Thomas (Sarah Hankerson, Faculty Sponsor)

68 The Effect of Masks on First Impressions

John Lykins, Shawnee State University (Kyle Vick, Faculty Sponsor)

69 Are There Sex Differences in Multitasking?

Jillian Anderson, Iowa State University (Dr. John Grundy, Faculty Sponsor)

70 Predicting acquisition of visual search expertise using support vector machines

Chad Bolman, Carthage College; Arryn Robbins, Carthage College (Anthony Barnhart, Faculty Sponsor)

71 How the perception of time is affected by routine

Emily Siegel-Hinson, Rochester University (Robyn Siegel-Hinson, Faculty Sponsor)

72 Examining the role of perfectionism in social anxiety and post-event rumination

Xavier Brown, Murray State University (Patrick J Cushen, Faculty Sponsor)

73 The Blind Mind's Eye: Characteristics Associated with Congenital Aphantasia

Zachary Myers, Baldwin Wallace University; Stephanie Richman, Baldwin Wallace University (Stephanie Richman, Faculty Sponsor)

74 Reimagining reflection: multiple variables that may affect how students reflect on their performance

Alyssa Rodway, Carthage College; Kimberly Hernandez, Carthage College (Dennis Munk, Faculty Sponsor)

75 The effects of emotional priming on reading comprehension

Anna Li, University of Illinois at Chicago; Andriana Christofalos, University of Illinois at Chicago; Gary Raney, University of Illinois Chicago (Gary Raney, Faculty Sponsor)

76 The effect of font face type and gender on passage comprehension among college students

Jacquelyn Garza, Wartburg College (Shaheen Munir, Faculty Sponsor)

77 The interpersonal and cognitive disruption of Zoom and online learning

Rachel Block, Carleton College; Rebecca Fox, Carleton College; Miriam Freedman, Carleton College; Nisha Rao, Carleton College (Mija Van Der Wege, Faculty Sponsor)

78 Self-identification of biracial individuals and the cross-race effect Meeghan Gross, University of Arkansas; Nia Gipson, University of Arkansas; James Lampinen, University of Arkansas (James Michael Lampinen, Faculty Sponsor)

79 How perspective affects empathic concern and prosocial decisions Lillian Johnstone, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

80 The Effects of Difficulty on Problem Solving Strategies

Whitney Applegate, Kansas State University; Destiny Bell, Kansas State University; Heather Bailey, Kansas State University (Heather Bailey, Faculty Sponsor)

81 The effects of lapses of sustained attention on the encoding of episodic memories

Mikella Vermaire, University of Missouri; John Scofield, Missouri State University (Jeffrey Johnson, Faculty Sponsor)

82 Cognitive consequences of smartphone presence and separation Trishla Gandhi, Purdue University; Tom Redick, Purdue University (Thomas Redick, Faculty Sponsor)

83 Investigating Effectiveness of Video Learning for American Sign Language with Animal Signs

Hanaa Ibrahim, Kenyon College; Tabitha Payne, Kenyon College (Tabitha Payne, Faculty Sponsor)

84 The Impact of a Single Semester of New Language Learning on Creativity in College Students

Kayla Potter, Lakeland University; Molly Schwibinger, Lakeland University; Abigail Kelly, Lakeland University; Alyson Piper, Lakeland University; Janai' Farr, Lakeland University; Jessica Kalmar, Lakeland University (Jessica Kalmar, Faculty Sponsor)

85 The effects of persistent post-encoding processing on emotional memory retrieval

Kaitlyn Raith, University of Missouri; John Scofield, University of Missouri; Brittney Bishop, University of Missouri; Alliya Hicks, University of Missouri; Jeffrey Johnson, University of Missouri (Jeffrey Johnson, Faculty Sponsor)

86 Failure to replicate: Loftus and Palmer's 1974 reconstruction of automobile destruction

Louis Ingram (he/him), Northwestern University; Nikita Salovich, Northwestern University; David Rapp, Northwestern University (David Rapp, Faculty Sponsor)

87 Learning Apple Pie Making Signs in American Sign Language: A Comparison of In-person Training and Online Formats

Becca Blank, Kenyon College; Tabitha Payne, Kenyon College (Tabitha Payne, Faculty Sponsor)

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88 The effect of repetition-related neural pattern similarity on subsequent episodic memory retrieval

Brianna Carman, University of Missouri; John Scofield, University of Missouri (Jeffrey Johnson, Faculty Sponsor)

This study examines the possible mechanisms of reactivation versus variability by using high-resolution functional magnetic resonance imaging (fMRI) to track neural similarity during memory encoding. Our predicted results of neural similarity being associated with enhanced behavioral performance during retrieval will provide further support for the role of a reactivation in episodic memory.

89 A meta-analysis of behavioral and electrophysiological evidence for episodic retrieval mode

Jack Suárez, University of Missouri; Brittney Bishop, University of Missouri (Jeffrey Johnson, Faculty Sponsor)

90 The relationship between physiological arousal, memory tests, and memory

Alyssa Leitzke, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

91 The Mozart Effect and the Arousal-Mood Hypothesis

Ethan Wang, Loyola University Chicago; Marissa Arreola, Loyola University Chicago; Edward Baumgarten, Loyola University Chicago; Daniel-Jon Brazovan, Loyola University Chicago; Tenzing Sherpa, Loyola University Chicago; Emily Wang, Loyola University Chicago (Raymond Dye, Faculty Sponsor)

92 Musical Engagement and Verbal Memory Encoding

Ethan Wang, Loyola University Chicago; Marissa Arreola, Loyola University Chicago; Edward Baumgarten, Loyola University Chicago; Daniel-Jon Brazovan, Loyola University Chicago; Tenzing Sherpa, Loyola University Chicago; Emily Wang, Loyola University Chicago (Raymond Dye, Faculty Sponsor)

93 The Function of Audiovisual Integration on the Perception of Human Locomotion

Ruby Brattain, Truman State University; Hyun Joon Bang, Truman State University; Maddie McGregor, Truman State University; Lauren Happe, Truman State University; Hannah Zimmerman, Truman State University; Ken Kugel; Ashley Ramsey, Truman State University (Ashley Ramsey, Faculty Sponsor)

94 Decision Vision II: Investigating the effect of mental simulation during affect-induced or logic-induced intuitive and rational decision making

Rebecca Wheeler, University of Illinois at Springfield (Dr. Sheryl Reminger, Faculty Sponsor)

95 Shedding light on the lived experiences of students with and without disabilities: Examining levels of self-esteem, social anxiety, sense of purpose, and intrinsic religiosity

Nolan Behr, Northwestern College (Laird Edman, Faculty Sponsor)

96 Why do I have to sleep anyways?: Sleep and working memory in college students

Carly Ekstrom, Saint Cloud State University; Leslie Valdes, St. Cloud State University (Leslie Valdes, Faculty Sponsor)

97 Who are you again? Effects of presentation modality of names on working memory.

Philip Evenson, St. Cloud State University; Leslie Valdes, St. Cloud State University (Leslie Valdes, Faculty Sponsor)

98 Intrusion into Awareness of Words Unconsciously Registered in Visual Working Memory

Taylor Jancetic-Bidelman, University of Missouri-St.Louis (Steve Hackley, Faculty Sponsor)



Success as a Graduate Student Researcher

Thu 11:30AM - 12:20PM

Psi Chi Room

11:30 Success as a Graduate Student Researcher

Dr. Staci Parker, Walden University; Sydney Thompson, Midwestern University-Downers Grove; Leah Faber, Midwestern University; Kristen Efantis, Midwestern University; Michelle Piasecki, Midwestern University; Justine Stewart, Wheaton College



Psi Chi: Poster Session IV: Biological & Clinical

Thu 1:00PM - 1:50PM Poster Room

1 Neurological Underlying Mechanisms of Misophonia Shulamis Mammon, Touro College; Nechama Ackerman, Touro College (Miriam Benezra, Faculty Sponsor)

2 Disgust, Threat Relevance, and Individual Response to the COVID-19 Pandemic: An EEG Study of the Behavioral Immune System Quinlan Smith, Elmhurst University; Yvette Rivera, Elmhurst University; Mallory Burke, Elmhurst University (Pat Nebl, Faculty Sponsor)

3 Hormonal control of alcohol-induced aggression in male Japanese Ouail

Izzy Neel, Centre Colllege; Brianna Roberts, Centre College; Zena Maddux, Centre College; Emily Stone, Centre College; Karin Gill, Centre College (Karin Gill, Faculty Sponsor)

4 Orangutan mother-offspring interactions and zoo fostering programs Antonio Kocoski, Purdue University Northwest; Emily Alpers, Purdue University Northwest; Madison Laux; Hannah Maurello, Purdue University Northwest; Bryan Melvin, Purdue University Northwest; Christina Ragan, Georgia Institute of Technology; Vanessa Quinn, Purdue Northwest (Dr. Ragan, Faculty Sponsor)

PSI CHI AWARD WINNER

5 Implicit and Explicit Measures of Stress, Anxiety, and DepressionDillon Quinones, Purdue University Northwest; Annabelle Engel, Purdue University Northwest (Christina Ragan, Faculty Sponsor)
Anxiety and depression are among the most prevalent mental health disorders in U.S. undergraduates. In this study, we collected stress/anxiety/depression scores, analyzed implicit/explicit reactions to stressful stimuli, and plan to genotype tph2 variants. Our results can foster better understanding of undergraduate anxiety/depression.

6 The role of the 5-HT2A receptor in cocaine-induced locomotor sensitization in Japanese Quail

Izzy Neel, Centre College; Brianna Roberts, Centre College; Kylie Cochran, Centre College; Katy Haering, Centre College; Karin Gill, Centre College (Karin Gill, Faculty Sponsor)

7 Impact of Acculturation Gap Stress on Latino Adolescents in the U.S.

Maria C Afanador, Loyola University Chicago; Sarah Jolie, Loyola University Chicago; Catherine Santiago, Loyola University Chicago (Dr. Catherine DeCarlo Santiago, Sarah Jolie, Faculty Sponsor)

8 Gender, acculturation, and ethnic identity in Mexican families: A closer look at immigration and identity

Lauren Tan, Loyola University Chicago; Yvita Bustos, Loyola University Chicago; Catherine Santiago, Loyola University Chicago (Dr. Catherine DeCarlo Santiago, Faculty Sponsor)

9 The effects of sociocultural factors on body image in Division III female collegiate athletes

Naomi Hill, North Central College (Leila Azarbad, Faculty Sponsor)

10 Protective Factors and Their Relationship to Attachment in Preschoolers

Kaia Schott, University of Missouri- Kansas City (Erin Hambrick, Faculty Sponsor)

11 The Effect of EF Interventions for Children with Special Needs on Working Memory, Flexibility, and Inhibition: A Meta-analysis

Gabrielle Hightower, Missouri University of Science and Technology (Ting Shen, Faculty Sponsor)

12 Down for the unknown: Differentiating patterns of trauma and PTSD symptomology through self-reported trauma exposure in single-role firefighters and paramedics

Leah Siwinski, Lewis University (Phillip Blankenship, Faculty Sponsor)

13 Predicting Negative Affective Conditions in Asian Indians: A Look at the Roles of Coping Styles and Dispositional Optimism

Nithya Rao, University of Michigan, Ann Arbor; Paige K. Demers, University of Michigan, Ann Arbor; Yicong Sun, University of Michigan; Sarah Klausner, University of Michigan; Mrinalini Gupta, University of Michigan; Maaz Munawar, University of Michigan; Kaab Husain, University of Michigan Ann-Arbor; Valeria Hernandez, University of Michigan; Alison Li, University of Michigan; Shanmukh Kamble, Karnatak University; Edward Chang, University of Michigan (Edward C. Chang, Faculty Sponsor)

14 Association between elevated DASS-21 scores and psychological service interest among student-athletes

Lauren Todd, Kent State University; Hanna Schmetzer, Kent State University; Nasha Manitkul-Davis, Kent State University; Victoria Sanborn, Kent State University (John Gunstad, Faculty Sponsor)

15 Value-aligned behavior & psychological flexibility: Exploring relationships between seeking mental health services and core Acceptance and Commitment Therapy processes

Morgan Brewington, Murray State University (Michael Bordieri, Faculty Sponsor)

16 Cognitive impairment in college students with subclinical IBS

Hanna Schmetzer, Kent State University; Nasha Manitkul-Davis, Kent State University; Lauren Todd, Kent State University; Victoria Sanborn, Kent State University (John Gunstad, Faculty Sponsor)

17 Student-athletes' mental health concerns regarding COVID-19

Nasha Manitkul-Davis, Kent State University; Lauren Todd, Kent State University; Hanna Schmetzer, Kent State University; Victoria Sanborn, Kent State University; John Gunstad, Kent State University (John Gunstad, Faculty Sponsor)

18 Comparing the Validity of MMPI-3 Scores in Prehire Psychological Screenings of Male and Female Police Officer Candidates

Gina Talerico, John Carroll University; Jasmine McCallum, John Carroll University (Anthony Tarescavage, Ph.D, Faculty Sponsor)

19 Five-Factor Dark Triad Inventory

Leigha Hermann, Purdue University; Donald Lynam, Purdue University (Donald Lynam, Faculty Sponsor)

PSI CHI AWARD WINNER

20 The role of observed maternal warmth in mediating the impact of immigrant mothers' depression and anxiety on child coping

Farah Harb, Loyola University Chicago; Yvita Bustos, Loyola University Chicago (Catherine DeCarlo Santiago, Faculty Sponsor)
This study is investigating the impact of maternal mental health on child

coping, as mediated by maternal warmth. Preliminary analyses suggest that immigrant mothers' depression and anxiety are associated with poor child coping, underscoring the need for culturally considerate interventions. The possible mediating effect of warmth will be examined.

21 Personality traits, stress, and coping during the COVID-19 pandemic Sadie Sottos, Southeast Missouri State University (Eu Gene Chin, Faculty Sponsor)

22 Effects of childhood and current socioeconomic status on help-seeking behavior

Meagan Matuska, University of Notre Dame; David Watson, University of Notre Dame; Shereen Khoo, University of Notre Dame (David Watson, Shereen Khoo, Faculty Sponsor)

23 The effects of social anxiety on the relationship with drinking motives and consequences of alcohol use

Hannah Lewis, University of Minnesota Duluth (Rebecca J. Gilbertson, Faculty Sponsor)

24 From the lab to the I-pad: Using a novel smart-device application of the Morris water task to measure the influence of self-reported depressive symptoms on spatial ability in college students

Thomas Koza, Lewis University; Philip Blankenship, Lewis University (Philip Blankenship, Faculty Sponsor)

25 Relationship between perceived neighborhood safety and gender on behavioral inhibition behaviors among emerging adolescents

Jocelyn Jarvis, University of Wisconsin-Milwaukee; Ryan Sullivan, University of Wisconsin-Milwaukee (Krista Lisdahl, Faculty Sponsor)

26 COVID-19 Experiences and Depression, Substance Use, and Loneliness: Exploring Resilience and Thriving as Potential Moderators Warner Myntti (Him/His), Ferris State University (Stacey Armstrong, Faculty Sponsor)

27 Maternal autonomy support in the Reminiscing and Emotion Training intervention

Rachel McClaine, University of Notre Dame; Katherine Edler, University of Notre Dame; Kristin Valentino, University of Notre Dame (Dr. Kristin Valentino, Faculty Sponsor)

28 Exploring familism as a potential buffer between parental stress and internalizing outcomes in Latino immigrant children

Saadia Elahi, Loyola University Chicago; Sarah Jolie, Loyola University Chicago (Catherine DeCarlo Santiago, Faculty Sponsor)

29 Refugee and Immigrant Parent Engagement in a School-Intervention: A Qualitative Analysis

Amatul Husna, Loyola University Chicago; Roxanna Flores Toussaint, Loyola University Chicago; Yvita Bustos, Loyola University Chicago (Catherine DeCarlo Santiago, Faculty Sponsor)

30 Relationship between social media and mental health: Examining type and time spent on social media on adverse mental health outcomes

Kathryn Allison, Olivet Nazarene University (Kristian Veit, Faculty Sponsor)

31 Stress, Success, and Personality Process

Aisha Khorana, Truman State University; Ashley Taylor, Truman State University; Lillian Hollowood, Truman State University (Dr. Katherine Judd, Faculty Sponsor)

32 Predictors of substance use during the COVID-19 pandemic: Loneliness, COVID-related stress, and combined alcohol and marijuana use

Alexa Nieder, Augsburg University; Alex Ajayi, Augsburg University (Alex Ajayi, Faculty Sponsor)

PSI CHI AWARD WINNER

33 Time to stop worrying: a correlational study on individualist versus collectivist time perspectives and anxiety

Anna Waldron, Olivet Nazarene University (Kristian Veit, Faculty Sponsor) Researchers have indicated significant relationships between anxiety and time perspectives (TP). Furthermore, this phenomenon shifts according to one's culture, although representation is lacking in cross-cultural studies, making it difficult to generalize. This present study expands upon past research by correlating TP, individualism, and anxiety cross-culturally.

34 The Effect of Personal Narratives on Perceptions of PTSD

Marissa Hudson, Central College (Randall Renstrom, Faculty Sponsor)

35 Key factors predicting homesickness, depression, and academic outcomes in first-year college students

Luke Johnson, St. Norbert College (Michelle Schoenleber, Faculty Sponsor)

36 Prospective relations between parental depression and adolescent disordered eating: investigating emotional security as a mediator Laura Rubino, University of Notre Dame; Sarah Hoegler, University of Notre Dame (E. Mark Cummings, Faculty Sponsor)

37 Life narratives and their relations with emotional well-being among young adults

Wei Ting Hsieh, St. Olaf College; DeAnia Brown, St. Olaf College; Grace E. Cho, St. Olaf College (Grace Cho, Faculty Sponsor)

PSI CHI AWARD WINNER

38 Relationships between religiosity, spirituality, psychological distress, and treatment preference

Reid Wollett, Otterbein University (Noam Shpancer, Faculty Sponsor) This study examines the effects of religiosity, spirituality, gender, and psychological distress on treatment preference. Treatment preference was determined as a comparison of attitudes toward psychological and religious help-seeking. By exploring predictors of treatment preference, a better understanding of mental health service utilization might be gained.

39 Differences in social and physical pain on gender Hannah Wolfrath, Wisconsin Lutheran College (Wendy Clo

Hannah Wolfrath, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

40 Using social network analysis to investigate the socialization of muscle dysmorphia and related symptoms in male fraternity members Robert Morgan, Miami University; Shelby Ortiz, Miami University; April

Smith, Miami University K. Jean Forney, Ohio University (April Smith, Faculty Sponsor)

41 Assessing suicidal behavior in bodybuilders and the military: An analysis of muscle dysmorphic disorder and muscle-enhancing risk behaviors on suicidal ideation

Robert Morgan, Miami University; Shelby Ortiz, Miami University; April Smith, Miami University; Lauren Forrest, Miami University (April Smith, Faculty Sponsor)

42 Examining DBT day treatment in treating mood dysregulation expectancy and anxiety in women diagnosed with eating disorders Shannon O'Mara, John Carroll University (Anthony Tarescavage, Denise Ben-Porath, Faculty Sponsor)

43 Are fear of intimacy and post-traumatic stress disorder correlated?

Nicholas Knickerbocker, Cleveland State University; Marissa Dieleman, Cleveland State University; Liz Goncy, Cleveland State University (Elizabeth Goncy, Faculty Sponsor)

44 A prototype analysis of "mindfulness"

Anuj Mehta, University of Toronto, Scarborough; Amanda Ferguson, University of Toronto, Scarborough; Zindel Segal, University of Toronto, Scarborough; Michael Inzlicht, University of Toronto Scarborough (Zindel Segal, Michael Inzlicht, Faculty Sponsor)

45 The effects of ambiguous loss on college students' mental health during the COVID-19 pandemic

Dylan Kelly, Augsburg University (Stacy Freiheit, Faculty Sponsor)

46 Differentiating the Predictors of Posttraumatic Stress Disorder and Posttraumatic Growth in a Community Sample

Janessa Morales, Saint Xavier University (Carissa L. Broadbridge, Faculty Sponsor)

47 Fear of Evaluation and Self-Compassion in Social Anxiety

Brooke Short, Murray State University (Michael Bordieri, Faculty Sponsor)

48 The Effects of Koru Mindfulness Training on College Students' Emotional Functioning

Sullivan Ray, Denison University; Liv Robinson, Denison University; Riley Hammond, Denison University (Robert Weis, Faculty Sponsor)

49 The relationship between student major and extracurricular involvement on stress pride

Sophia Cuni-Mertz, Truman State University; Emma Harrelson, Truman State University; Samantha Welch, Truman State University (Katherine Judd, Faculty Sponsor)

50 Mental health and self-improvement of college students during the COVID-19 pandemic

Naheeda Ahamadeen, Augsburg University (Stacy Freiheit, Faculty Sponsor)

51 When Stakes are High- Moral Injury: Agency, Betrayal, Crisis and Comorbidity

Ashley Schumacher, Fontbonne (Amy Ruffus-Doerr, Faculty Sponsor)

52 Examining the Differences in Access to Mental Health Care for African American and Caucasian Adolescents in Metro Detroit and Southwest Michigan

Kailyn Alderman, Western Michigan University; Brendan Skinner, Western Michigan University; Kalani Gates, Western Michigan University; Brielle Babcock, Western Michigan University; Abby Gawerecki, Western Michigan University; Amy Damashek, Western Michigan University (Amy Damashek, Faculty Sponsor)

53 Self-enhancement, interpersonal relationships, and their relation to emotion regulation

Meghan Pryor, University of Notre Dame; Alainna Wen, University of Notre Dame; Lira Yoon, University of Maryland, Baltimore County; David Watson, University of Notre Dame (Lira Yoon, David Watson, Faculty Sponsor)

54 Counting your blessings during quarantine: Gratitude, mood and coronavirus anxiety.

Elizabeth Kofuji, Augsburg University (Stacy Freiheit, Faculty Sponsor)

55 Cognitive processes during the COVID-19 pandemic

Lindsey Hunter, Murray State University (Dr. Michael Bordieri, Faculty Sponsor)

56 Family size and dynamics as predictors for depression and anxiety during the COVID-19 pandemic

Jace King, University of Illinois at Springfield; Emily Albrecht, University of Illinois Springfield (Sheryl Reminger, Faculty Sponsor)

57 Examining the associations between personal values and psychopathology in a diverse sample of children

Marren Jenkins, Northwestern University (Jennifer L. Tackett, Faculty Sponsor)

58 Examining the Differences in Access to Mental Health Care for Arab American and Non-Arabic Youth in Southwest Michigan and Metro Detroit

Karren Shaalini Gunalan, Department of Psychology Western Michigan University; Kalani Gates, Western Michigan University; Abby Gawerecki, Western Michigan University; Brielle Babcock, Western Michigan University; Amy Damashek, Western Michigan University (Amy Damashek, Faculty Sponsor)

59 The Effects of Morally Injurious Events on Perpetrators' and Bystanders' Levels of Guilt

Hannah Youtsler, Xavier University; Sophie Zacharek, Xavier University; Dave Shala, Xavier University (Heather McCarren, Ph.D., Faculty Sponsor)

60 Interpersonal versus other trauma: Association with fear of intimacy Marissa Dieleman, Cleveland State University; Nicholas Knickerbocker, Cleveland State University; Liz Goncy, Cleveland State University (Elizabeth Goncy, Faculty Sponsor)

61 Measuring Perceptions of Mental Health

Casey Sparks, Maryville University of St. Louis; Andrea Dultra, Maryville University; Emily Cooper, Maryville University; Michelle Rabinovich, Maryville University of St Louis (Dustin Nadler, Faculty Sponsor)

62 COVID-19 has Affected the Learning and Mental Health of Students With Learning Disabilities

Isabela Chavez, Beacon College (AJ Marsden, Faculty Sponsor)

63 Associations between early parenting styles and children's peer relationships in adolescence: The moderating role of parental education Amanda Truppo, Stony Brook University; Jamilah Silver, Stony Brook University; Daniel Klein, Stony Brook University (Daniel Klein, Faculty Sponsor)

64 A Mindfulness Intervention that Targets Simple Pleasures in Life Alex Stevens, Southern Illinois University Carbondale; Xanté Cutroni, Southern Illinois University Carbondale; John Lindt, Southern Illinois University Carbondale; David Gilbert, Southern Illinois University

University Carbondale; David Gilbert, Southern Illinois University Carbondale; Bryant Stone, Southern Illinois University Carbondale (Dr. David Gilbert, Faculty Sponsor)

65 Stress and intent to seek mental health help

Shane Rhoades, Southern Illinois University, Edwardsville (Elora Voyles, Faculty Sponsor)

66 Working "with" home: A comparison of mothers' and fathers' experiences of stress and coping related to the COVID-19 pandemic

Kira Reed, Loyola University Chicago; Laura Nicholson, Loyola University Chicago; Carolyn Bates, Loyola University Chicago; Amy Bohnert, Loyola University Chicago (Amy Bohnert, Faculty Sponsor)

67 Subjective cognitive concerns are related to anxiety and depression and not a history of sport-related concussion

Kathleen West, University of Kentucky; Justin Karr, University of Kentucky (Justin E. Karr, Faculty Sponsor)

68 Reward sensitivity demonstrated with eye tracking indicates an influence on mood irregularity

Ysabel Lee, Southern Illinois University- Carbondale; Elena Cornelius, Southern Illinois University Carbondale; Alex Stevens, Southern Illinois University Carbondale; Bryant Stone, Southern Illinois University Carbondale; Xanté Cutroni, Southern Illinois University Carbondale; John Lindt, Southern Illinois University Carbondale; David Gilbert, Southern Illinois University Carbondale (David Gilbert, Bryant Stone, Faculty Sponsor)

69 Increased Parasympathetic Nervous System activity to reward predicts impulsive behavior.

Natanyah Liberman, Lander College for Women; Brock Bodenbender, Cleveland State University; Ilya Yaroslavsky, Cleveland State University (Ilya Yaroslavsky, Faculty Sponsor)

70 Physical Punishment: Child Abuse or Discipline? A Cross-Cultural Study

Dana Awlia, Ashland University (Diane Bonfiglio, Faculty Sponsor)

71 Determinants of well-being: Impacts of adversity and resilience across the lifespan

Taelor Lamansky, Northwestern College (Laird Edman, Faculty Sponsor)

72 Social support and incarceration history predict depression among formerly incarcerated persons

Brian Brooks, Cuyahoga Community College; Kelsie Fellows, George Mason University - Antonin Scalia Law School; Ilya Yaroslavsky, Cleveland State University (Ilya Yaroslavsky, Faculty Sponsor)

73 Individual adverse childhood experience items and their associations with long-term sleep health

Elle Paveglio, University of Wisconsin; Milwaukee; Yanzhou Lu, University of Wisconsin Milwaukee (W. Hobart Davies, Faculty Sponsor)

PSI CHI AWARD WINNER

74 Recovery as a predictor of depression and anxiety in college students

Brittany Miller, Manchester University (Kelsey-Jo Kessie, Russell Coulter-Kern, Tara Smithson, Faculty Sponsor)

Pedrelli et al. reported anxiety and depressive disorders are the most prevalent behavior disorders in the college student community. This study investigates the relationship between anxious and depressive symptoms and college student recovery habits to find new ways to support student mental health.

75 Negative Attentional Bias is Reversed by Neutral Stimuli in People with Depression

James Hillard, Southern Illinois University Carbondale; Corey Rohling, Southern Illinois University Carbondale; Xanté Cutroni, Southern Illinois University Carbondale; John Lindt, Southern Illinois University Carbondale; David Gilbert, Southern Illinois University Carbondale; Bryant Stone, Southern Illinois University Carbondale (Dr. David Gilbert, Faculty Sponsor)

76 No response? Simulating Fear of Missing Out Experiences to Investigate Relationships with Emotion Regulation, Negative Affect, and Counterfactual-Seeking through Social Media

Jordanna Kruse, Northwestern College (Laird R. O. Edman, Jennifer S. Feenstra, Faculty Sponsor)

77 Impact of the COVID-19 pandemic on college students

Jayde Grams, Southern Illinois University Edwardsville; Tom Phillips, Southern Illinois University Edwardsville; bayli ironwing, Southern Illinois University at Edwardsville (Eunyoe Ro, Faculty Sponsor)

78 Race, gender, and parenting practices: effects of disparate parentchild perceptions.

Brian Brooks, Cuyahoga Community College; Tannaz Mirhosseini, Cleveland State University; Ilya Yaroslavsky, Cleveland State University (Ilya Yaroslavsky, Faculty Sponsor)

79 Associations between Prenatal and Current Maternal Depressive Symptoms and Young Children's Behavior Problems

Khush Hussain, Wayne State University; Jessica Hruschak, Wayne State University; Toni Lewis, Wayne State University; Marjorie Beeghly, Wayne State University; Moriah Thomason, New York University; Christopher Trentacosta, Wayne State University (Christopher J. Trentacosta, Marjorie Beeghly, Moriah E. Thomason, Faculty Sponsor)

80 Self-Compassion Moderates the Relationship Between Self Efficacy, Rumination, and Stress in College Students

Adorina Bethishou, Loyola University Chicago; Sarah Broner, Loyola University Chicago; Carol Hundert, Loyola University Chicago (Colleen Conley, Faculty Sponsor)

81 Delay Discounting as it relates to Alcohol Abuse

Layne Richey, Simpson College (Don Evans, Faculty Sponsor)

82 Building social support: The mentoring relationship and beyondLacarri Reaves, DePaul University; Molly Cory, DePaul University (Kathryn Grant, Faculty Sponsor)

83 Adverse Childhood Experiences, Self-Injury, and AggressionCynthia Morales, Western Illinois University (Kristy Keefe, Faculty Sponsor)

PSI CHI AWARD WINNER

84 Understanding the implications of ethnic identity on body appreciation

Amy Gourley, Illinois Wesleyan University; Marie Nebel-Schwalm, Illinois Wesleyan University (Marie Nebel-Schwalm, Faculty Sponsor)
The lack of diversity and reliance on body dissatisfaction has impeded our understanding of ethnic diversity and body appreciation. With a diverse sample, we examined ethnic identity factors as predictors of body appreciation. Results indicate the more positively one feels about her ethnic identity, the more she appreciates her body.

85 Complex Trauma, Coping, and COVID-19: Understanding the Associations Between Forms of Trauma and Coping Among College Students

Kristen Garcia, Dominican University; Melissa Lopez, Dominican University (Sophia Duffy, Faculty Sponsor)

86 Coping strategies used by people during a pandemic

Shivani Lamichhane, St. Cloud State University (Leslie A Valdes, Faculty Sponsor)

87 Stereotype threat thesis

Matthew Scott, Webster University; Eric Goedereis, Webster University (Eric Goedereis, Faculty Sponsor)



Taking the Road More Traveled: Using Your Degree in Psychology in the Workforce

Thu 1:00PM - 2:00PM

Psi Chi Room

1:00 Taking the Road More Traveled: Using Your Degree in Psychology in the Workforce

Jamie L. Bromley, Franklin College; Dr. Staci Parker, Walden University



Psi Chi Awards Presentation

Thu 4:00PM - 5:00PM

Psi Chi Room

4:00 Psi Chi Awards Presentation Lindsey M. Root Luna, Hope College



Psi Chi Poster Session V: Experimental, Health, & Other

Fri 9:00AM - 9:50AM

Poster Room

1 Learning Disabilities, Gender, and the Effects of 4th Grade Teacher Bias on Students' Academic Achievement

Emma Esposito, Kenyon College (Dana Krieg, Faculty Sponsor)

2 Passive versus active social media use and body image in undergraduate students

Gayle Goldstein, Nebraska Wesleyan University (Rachel Hayes, Faculty Sponsor)

3 Instructor Presence in Instructional Video: Student Recall, Perception, and Anxiety

Kevin Carter, Carthage College; Jessica Sendef, Carthage College (Nora Nickels, Faculty Sponsor)

4 Ketamine assisted psychotherapy plus affective tactile grounding on psychedelic states and treatment outcomes in adults with major depression

Anya Ragnhildstveit, University of Utah (Patricia Henrie-Barrus, Faculty Sponsor)

5 Trust in Scientific Knowledge and Free Will Beliefs

Jabria Burns-Dampier, Aurora University; Emily Dyba, Aurora University (David Rudek, Faculty Sponsor)

6 Unpacking the effect of "heavy metal" on aggression: musical structure, lyrics, or both?

Caroline Schmidt, St. Norbert College (Paul Ngo, Faculty Sponsor)

7 Short-term Colored Light Exposure in Relation to Nervous System Arousal

Ben Petersen, Wisconsin Lutheran College; Wendy M. Close, Wisconsin Lutheran College (Dr. Wendy Close, Faculty Sponsor)

8 Gender Inequality and Sexism: A Constructive Replication of Powell et al. (2005)

Carlos Benitez, Dominican University; Kristen Garcia, Dominican University (Tina Taylor-Ritzler, Faculty Sponsor)

9 The Effect of a Fictional Narrative Writing Exercise on Perspective Taking and Transgender Stigma

Max Staab, University of Missouri (Victoria Shaffer, Faculty Sponsor)

10 Cardiac Vagal Tone predicts Selective Attention with Other-Race Faces under High Load

Alex Thompson, Hope College (Gwen Park, Faculty Sponsor)

11 Effects of Dynamic Visual Noise on mental comparison of objects

Zoe Hess, Southwest Minnesota State University; Keegan Binegar, Southwest Minnesota State University (Scott Peterson, Benjamin Anderson, Faculty Sponsor)

PSI CHI AWARD WINNER

12 The Effects of Adverse Childhood Experiences and Trigger Warnings on Physiological Responses

Grace Pfister, University of Wisconsin-La Crosse; Brianna Corey, University of Wisconsin La Crosse (Eric Hiris, Faculty Sponsor)

ACE scores have become more prevalent in recent times, and consequently so have trigger warnings, which alert viewers of distressful content that may be shown. This study examines the effectiveness of trigger warnings specifically for individuals with varying ACE scores by measuring heart rate.

13 The Impact of Ambiguity and Expected Value on Risk Taking Risha Vaughn, DePaul University; Nathaniel Young, DePaul University; Joseph Mikels, DePaul University (Joseph A. Mikels, Faculty Sponsor)

14 The False Feedback Paradigm and Big Five Test Results Will Sunderland, Greenville University (Eric Watterson, Faculty Sponsor)

15 The Effects of Nonviolent and Violent Lyric Rock Songs on Physiological Responses and Hostility

Ashley Bischel, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

16 The Influences of Searcher Expectations and Attention on the Sighting Rates of Missing Persons

Jihan Rashed, University of Arkansas; Andrew Provenzano, University of Arkansas; James Lampinen, University of Arkansas (James Michael Lampinen, Andrew Provenzano, Faculty Sponsor)

17 The Influence Social Media and Age on Declarative Memory Madison Watkins, Central College; Jonathan Zohlmann, Central College; Hunter Ruth, Central College (Dr. Keith Jones, Faculty Sponsor)

18 Examining the Influence of Interracial Friendships on Support of Black Lives Matter

Madeleine Steber, Wisconsin Lutheran College (Wendy Close, Faculty Sponsor)

19 The Effect of Intermittent Fasting on Ovariectomized and Naturally Cycling Rats

Marisa Ventura, Saint Mary's College (Dr. O'Rear, Dr. Aubele-Futch, Faculty Sponsor)

20 Covid-19 effects on perceptions of student safety, anxiety, and recovery

Caitlin McGettrick, Manchester University (Kelsey-Jo Kessie, Faculty Sponsor)

21 The impact of guilt on working memory in college students Katherine Carper, Dominican University (Tracy Caldwell, Faculty Sponsor)

22 Health, academic, and personality effects related to COVID-19 in college students

Emma Cardelli, SIUE; Michelle Duong, Southern Illinois University Edwardsville; Maddie Jenkins, SIUE; Baylee Kiel, SIUE; Emma Shoaf, SIUE (Laura Pawlow, Faculty Sponsor)

23 Participant and Institutional Barriers to Seeking Mental Health Services for U.S. College Students

Natalie Larkman, John Carroll University (Dr. Anthony Terascavage, Faculty Sponsor)

24 Familial experiences with opioid or alcohol abuse

Daniel Noll, Ohio State University Mansfield; Anna Myers, The Ohio State University Mansfield; Amy Brunell, The Ohio State University Mansfield (Amy Brunell, Cynthia Callahan, Faculty Sponsor)

25 Dietary habits and perceived stress

Samuel Gubbins, Southern Illinois University Edwardsville; Elora Voyles, Southern Illinois University Edwardsville (Elora Voyles, Faculty Sponsor)

26 Religious deidentification predicts risky health behaviors and mental health diagnoses

Amy Osterbaan, Hope College (Alyssa Cheadle, Daryl R. Van Tongeren, Faculty Sponsor)

27 Frequency and intensity of peak experience as predictors of depression

Madison Hollinshead, University of Illinois Springfield (Sheryl Reminger, Faculty Sponsor)

28 The hidden stress of cancer: reinterpreting pediatric oncology within the Lifecourse Health Development Model.

Alex Nisbet, University of Notre Dame (Daniel Lapsley, Faculty Sponsor)

29 A qualitative investigation of coach, parent, and peer influences on adolescent athletes' sport experiences

Savannah Schemenauer, University of Wisconsin - Green Bay; Alan Chu, University of Wisconsin - Green Bay (Tsz Lun (Alan) Chu, Faculty Sponsor)

30 The effect of color and color saturation of food packages on consumer perceptions of healthfulness

Lillian Mueller, Xavier University (Cindy Dulaney, Faculty Sponsor)

31 The Effects of Expressive Journaling on Pre-Election Stress in Undergraduate Students

Jacob Chreky, Denison University; Jess Spitzer, Denison University; Megan Munn, Denison University (Dr. Erin Henshaw, Faculty Sponsor)

32 The Political Pandemic: Did the US Presidential Election Influence COVID-19 Compliance Behaviors?

Emma McPherson, Lindenwood University; Sydney Walsh, Lindenwood University; Greg Meyer, Lindenwood University (Sara Bagley, Faculty Sponsor)

33 The Impact of Nature- Based Curriculum on College Students Mental Health

Allie Dunkel, Mount Mercy University (Jaclynn Sullivan, Faculty Sponsor)

34 relationships between invincibility, health locus of control, CV19 anxiety, and attitudes toward campus CV19 restrictions.

Sara Harris, Denison University; Anna Stone, Denison University; Maddie Wislar, Denison University; Erin J. Henshaw, Denison University; Andrea Lourie, Denison University (Erin Henshaw, Faculty Sponsor)

35 Implications of Eating Styles: Investigating the Associations between Depression, BMI, and Eating For Physical reasons (EPR)

Benito Garcia, Loyola University Chicago; Hannah Hagy, Loyola University Chicago; Amy Heard Egbert, Loyola University Chicago (Amy Bohnert, Faculty Sponsor)

36 The impact of the COVID-19 pandemic on health behaviors in college students

Kelsey Mitchell, University of Wisconsin-River Falls; Natalie Bosch-Brayton, University of Wisconsin - River Falls (Todd Wilkinson, Faculty Sponsor)

37 Evaluating barriers to treatment-seeking and equal healthcare for racial and ethnic minorities

Madelyn Martinez, University of Notre Dame; Shereen Khoo, University of Notre Dame (David Watson, Shereen Khoo, Faculty Sponsor)

PSI CHI AWARD WINNER

38 Cognitive and affective barriers to help-seeking for young adults with chronic illness

Emily Lilly, Carthage College (Kateryna Sylaska, Faculty Sponsor) We examined the cognitive and affective barriers in help-seeking for young adults with a chronic illness, through qualitative in-depth phone interviews. Thematic analyses suggest help-seeking was influenced by their need to

maintain independence, a 'my illness, my problem' mentality, a graded approach to help-seeking, and a desire to be understood.

39 Effects of the beta-adrenergic antagonist propranolol on anxiety and social functioning and relationship with heart rate variability in autism spectrum disorder

Esirioghene Emeje, University of Missouri; David Beversdorf, University of Missouri - Columbia; Samantha Hunter, University of Missouri Thompson Center for Autism and Neurodevelopmental Disorders; Kathy Hirst, University of Missouri-Columbia; Julie Muckerman, University of Missouri-Columbia; Katherine Bellesheim, University of Missouri - Columbia; Nicole Takahashi, University of Missouri-Columbia; Brad Ferguson, University of Missouri Thompson Center for Autism & Neurodevelopmental Disorders (David Beversdorf, Samantha Hunter, Kathy Hirst, Julie Muckerman, Katie Bellesheim, Nicole Takahashi, Bradley Ferguson, Faculty Sponsor)

40 Preliminary Report on the Effects of Propranolol on Gastrointestinal Symptoms, Anxiety, and Heart Rate Variability in Autism Spectrum Disorder

Sophia Parmacek, University of Missouri- Columbia; Brad Ferguson, University of Missouri Thompson Center for Autism & Neurodevelopmental Disorders; David Beversdorf, University of Missouri - Columbia (Bradley Ferguson, Faculty Sponsor)

41 Effects of retrospective versus anticipated regret on eating behaviors Meghan Billeck, Grand Valley State University; Hope Holyfield, Grand Valley State University; Amanda Dillard, Grand Valley State University (Amanda Dillard, Faculty Sponsor)

PSI CHI AWARD WINNER

42 Let's Get Physical!: Exploring the Socioemotional Aspects of Group Exercise to Improve Older Adults' Health and Wellbeing

Tessneem Hasan, DePaul University; Alyssa Minton, DePaul University; Madeline Nievera, DePaul University; Joseph Mikels, DePaul University (Joseph A. Mikels, Faculty Sponsor)
We investigated to what extent older adults are motivated by social,

We investigated to what extent older adults are motivated by social, emotional, and health factors to participate in an evidence-based group exercise program, Fit & Strong!. Results indicated that older adults predominately exercise for social but also health reasons, and that exercising as a group is conducive to positivity resonance.

43 Religious Commitment Correlates with COVID Guideline Compliance in Association with Self-efficacy

Kennedy Neltner, Northern Kentucky University (Allyson S. Graf, Faculty Sponsor)

44 What predicts compliance with COVID-19 guidelines: evaluating the relative roles of self-regulation, working memory, and heart rate variability

Anna Hagner, Hope College; Paulina Kozan, Hope College; Eliese Moelker, Hope College; Abigail Przekop, Hope College; Avery Slancik, Hope College; Jason Veldman, Hope College; Haley Balkema, Hope College; Ashley Hayden, Hope College; Ryon Hinga, Hope College; Linnea Johnson, Hope College; Lindsey Mendenblik, Hope College; Jimmy Tran, Hope College (Lindsey Root Luna, Alyssa Cheadle, Faculty Sponsor)

45 Evaluating the relationship between religiousness and health outcomes: Investigating heart rate variability and self-regulation as possible mediators

Ashley Hayden, Hope College; Lindsey Mendenblik, Hope College; Haley Balkema, Hope College; Linnea Johnson, Hope College; Ryon Hinga, Hope College; Jimmy Tran, Hope College; Anna Hagner, Hope College; Paulina Kozan, Hope College; Eliese Moelker, Hope College; Abigail Przekop, Hope College; Avery Slancik, Hope College; Jason Veldman, Hope College (Lindsey Root-Luna, and Alyssa Cheadle, Faculty Sponsor)

46 Mask wearing during the coronavirus pandemic; What correlates to mask wearing.

Joycelyn VanAntwerp, Millikin University (Melissa Scircle, Faculty Sponsor)

47 Assessing Knowledge of Female Sexual Dysfunction

Jennifer Stephenson, Maryville University (Peter Green, Faculty Sponsor)

48 The Relationship Between Objective Smartphone Use, Student Recovery, and Self-Regulation

Ava McVey, Manchester University; Taryn Curie, Manchester University; Kelsey-Jo Ritter Kessie, Bowling Green State University; Mary O'Neill, Manchester University (Kelsey-Jo Kessie, Faculty Sponsor)

49 Do Religiousness and Spirituality Predict COVID-19 Health Behavior Compliance During the Pandemic?

Kimberly Paquette, Hope College (Alyssa Cheadle, Faculty Sponsor)

50 How COVID-19 (SARS-CoV-2) Affects Exercise and Mental Health Madeline Ruehl, Maryville University (Dr. Julia Grant, Faculty Sponsor)

51 Dietary restraint and food addiction in adolescents

Mark Vanderhyden, University of Michigan - Ann Arbor; Julia Rios, University of Michigan - Ann Arbor (Ashley Gearhardt, Faculty Sponsor)

52 Relations between race/ethnicity, food access, diet, and body mass index in a diverse sample of high school students

Monica Estrada, DePaul University; Alexander O'Donnell, DePaul University; Molly Cory, DePaul University; Bernardo Loiacono, DePaul University; Margaret Clark, DePaul University; Joanna Buscemi, DePaul University (Joanna Buscemi, Faculty Sponsor)

53 Examining the impact of COVID-19 on the mental health of college students

Bethany Jewell, John Carroll University; Emily Barni, John Carroll University; Brock Hausmann, John Carroll University; Catherine McCarty, John Carroll University (Anthony Tarescavage, Faculty Sponsor)

54 The Effects of Weight on Perception

Liset Rosas, Chicago State University (Dr. Jubilee Dickson, Faculty Sponsor)

55 Stressed Out and Under Pressure: Decision-Making in the Healthcare Field

Bailee Golisch, UW - La Crosse; Ellen Rozek, UW - La Crosse (Dr. Ellen Rozek, Faculty Sponsor)

56 The effect of phone use on sleep quality

Natalie Kim, Andrews University (Harvey Burnett, Faculty Sponsor)

57 Moral foundations, health locus of control, and support for masking mandates

Madison Hoffeditz, Augustana College; Tracy Pham, Augustana College (Daniel Corts, Faculty Sponsor)

58 Evaluation of Letting Go, Mindfulness, and Religious Coping Behavior in Cancer Patients

Vanessa Lamoretti, University of Notre Dame (Dr. Thomas Merluzzi, Faculty Sponsor)

59 Narrative condition on college student attitudes of non-prescribed use of prescription stimulants

Adam Arand, University of Missouri (Victoria Shaffer, Faculty Sponsor)

60 The influence of posstraumatic growth on religious coping, and the effects of religious coping styles on physical & mental well-being, depression scores, and life satisfaction

Mia Hoogeveen, Northwestern College (Laird Edman, Faculty Sponsor)

61 How sex education impacts experience: A correlational study looking at how levels of sex education and its comprehensiveness impact sexual satisfaction levels for college students

Angela Boice, University of Wisconsin-River Falls; Amari Rivers, University of Wisconsin-River Falls; Angeline Watts, University of Wisconsin-River Falls (Melanie Ayres, Faculty Sponsor)

62 Exploring the Relationship between Personality, Religiosity, and Gender

James Waltz, Southeast Missouri State University; Grace Smith, Southeast Missouri State University; Catherine Chou, Southeast Missouri State University (Catherine Chou, Faculty Sponsor)

63 Faculty's perceptions of the barriers and benefits to service and community-engaged pedagogy

Tessa Doan, Xavier University (Tammy Sonnentag, Taylor Wadian, Faculty Sponsor)

64 Comparing the impact of positive vs negative experiences of aloneness on creativity in Western Culture

Weronika Zielinska, Earlham College (Rachael Reavis, Faculty Sponsor)

65 Examining White Passing as a Racial Identity

Mickey Redington, University of Wisconsin - La Crosse; Ryley Butler Modaff, University of Wisconsin-La Crosse; Leslie Lazaro-Padilla,

University of Wisconsin-La Crosse; Nhia Thao, University of Wisconsin-La Crosse (Suthakaran Veerasamy, Faculty Sponsor)

66 Syllabus style impacts students' perceptions of instructorsKatherine Bloom, James Madison University (Kala Melchiori, Faculty Sponsor)

67 Abuse Does Not Discriminate: Impact of Stereotypes in Heterosexual and Same-Sex Relationships

Leannah Sheahan, Aurora University; Kerstin Rewerts, Aurora University (David Rudek, Faculty Sponsor)

68 The effect of race and appeal basis on juror decisions Erin Ahern, John Carroll University (John Yost, Faculty Sponsor)

69 Examining Personality Type and Self-Reflection on Exercise Sam Slizoski, Nebraska Wesleyan University (Rachel Hayes, Faculty Sponsor)

70 Using EMA to explore food choices of Black and Latino college undergraduates while living at home during the COVID-19 pandemic Judelisa Velazquez, University of Illinois at Chicago; Alysa Miller, University of Illinois at Chicago (Amanda Roy, Faculty Sponsor)

71 How coaching styles impact sports performance anxiety and perceived performance

Lilla Kisvari, Chicago State University (Jubilee Dickson, Faculty Sponsor)

72 Relationships between adverse childhood experiences (ACES), mental and physical health outcomes, academic performance, and social cognition

Lakota Iron Rope, University of Southern Indiana; Zachary Pilot, University of Southern Indiana (Zachary Pilot, Faculty Sponsor)

73 Academic procrastination: How passion and self-efficacy correlate with delay

Austin Antoun, Rochester University (Robyn Siegel-Hinson, Faculty Sponsor)

74 How are psychological needs satisfied and frustrated? Let's hear high school athletes' voices

Peyton Koppenhaver, University of Wisconsin - Green Bay (Alan Chu, Faculty Sponsor)

75 An evaluation of replication methodology utilizing the "Many Labs 2" project

Lily Hallick, University of Notre Dame; Lijuan (Peggy) Wang, University of Notre Dame (Lijuan (Peggy) Wang, Faculty Sponsor)

76 Use Patterns of and Attitudes Towards Remote Learning During the Pandemic

Carson Fields, Butler University; Emma Harris, Butler University; Blair Haugh, Butler University; Alexandra Cordill, Butler University; Hellen Kyler, Butler University; Brian Day, Butler University (Brian Day, Faculty Sponsor)

77 Extreme sports and psychological wellbeing

Fiona Robertson, Edgewood College (David Lambert, Faculty Sponsor)

78 Replication of the Stability of Learning Behavior Scale

Isabelle Kurowski, Eastern Illinois University (Gary Canivez, Faculty Sponsor)

79 Concussions and traumatic brain injury terminology on perceived severity of injury and likelihood of symptoms

Christopher Binder, Elmhurst University; Robert Boughton, Elmhurst University (Patrick Nebl, Faculty Sponsor)

80 The reliability and validity of the Open Enneagram of Personality Scale

Kayleigh Kastelein, Olivet Nazarene University (Kristian Veit, Faculty Sponsor)

81 Religiosity and relational anxiety: a cross-denominational study Timothy Steininger, Olivet Nazarene University (Kristian Veit, Faculty Sponsor)

82 Understanding college students' success

Lauryn Bergert, Dominican University; Jacqueline Moya, Dominican

University; Meagan Rosario, Dominican University (Dr. Tina Taylor-Ritzler, Faculty Sponsor)

83 Integration of newcomer Rohingya refugees in the U.S.

Afshan Rehman, DePaul University; Wendy De Los Reyes, DePaul University; Shreya Aragula, DePaul University (Anne Saw, Faculty Sponsor)

84 Frequency of prosocial and aggressive tendencies in violent video games

August Hoffman, Kenyon College (Patrick Ewell, Faculty Sponsor)

85 The influence of emojis and punctuation on receptive attitudes

Annaliet Delgado-Rodriguez, Xavier University; Heather McCarren, Xavier University (Heather M. McCarren, Faculty Sponsor)

86 Virtual and Auditory Memory Difference

Julia Valeiro Paterlini, Ashland University (Christopher Chartier, Diane Bonfiglio, Faculty Sponsor)

87 You are What you Read: Predicting Personality and Perceptions of Others

Emily Smith, Carthage College; Catherine Dombrowski, Carthage College (Kateryna Sylaska, Faculty Sponsor)

88 Music and memory: effects of different background music on reading comprehension

Mariah Parsons, University of Notre Dame; Gabriel Radvansky, University of Notre Dame (Gabriel Radvansky, Faculty Sponsor)

89 Affective forecasting and coping approaches in failing a test

Lucas Ingle, Simpson College (Donald Evans, Faculty Sponsor)

90 The Relationship Between Student Self-Efficacy, Academic Stress and Mental- Help-Seeking Attitudes in Scholarship Versus Non-Scholarship Students

Ernesto Carrillo, Rochester University (Dr. Siegel-Hinson, Faculty Sponsor)

91 Face-to-face vs. virtual attendance in the flexible psychology classroom does attendance method matter

Stephanie Conway, Jefferson College; Amanda Rae' Whitener, Jefferson College (Brandon Whittington, Faculty Sponsor)

92 The impact of discipline fairness on school connectedness: exploring the role of school discipline approaches

Jamie Kessler, Loyola University Chicago; Ogechi Onyeka, Loyola University Chicago; Yael Granot, Loyola University Chicago; Maryse Richards, Loyola University Chicago (Yael Granot, Maryse Richards, Faculty Sponsor)

93 Investigating the Effects of Knowledge on Perception of Golf Putting Hellen Kyler, Butler University; Alexandra Cordill, Butler University; Brian Day, Butler University (Brian Day, Faculty Sponsor)

94 The Collegiate Experience on Intellectual Humility and Partisanship Lauren Peterson, Hillsdale College (Benjamin Winegard, Kari McArthur, Faculty Sponsor)

95 A powerful force: does the method of presentation of information about human trafficking influence advocacy behaviors?

Leah Williams (she/her), University of Wisconsin-La Crosse (Suthakaran Veerasamy, Alexander O'Brien, Faculty Sponsor)

96 Writing centers: An investigation of motivation and writing across contexts

Hannah Binkley, North Park University; Kathryn O'Toole, North Park University; Melissa Pavlik, North Park University (Kathryn O'Toole, Faculty Sponsor)

97 Acts Of Kindness Can Affect College Students' Mood

runzi kang, Denison University; Mingsheng Li, Denison University; Yi Jiang, Denison University (Robert Weis, Faculty Sponsor)

98 Increased Stress Levels Amid the Pandemic are Associated with Mental Health Diagnoses

Betty Rose-Ackley, University of Wisconsin-Green Bay (Alan Chu, Faculty Sponsor)

99 Exploring the relevancy of sexual education information and it's impact on sexual communication and sexual satisfaction

Faith Velez, University of Wisconsin - River Falls (Melanie Ayres, Faculty Sponsor)

100 The Effects of Internalized Misogyny and Verbal Intelligence on Humor Preference

Gabrielle Lewis, Lindenwood University-Belleville; Trisha Prunty, Blackburn College

101 Parenting Style Association with Adolescent Alcohol, Vapor, and Drug Use

Halle Letizio, Cleveland State University



Everything You Wanted to Know About the GRE (and how to do your BEST at it)

Fri 9:30AM - 10:20AM

Psi Chi Room

9:30 Everything You Wanted to Know About the GRE (and how to do your BEST at it)

Matthew Bashi-Kadlubowski, Educational Testing Services (ETS)



Psi Chi Invited Address

From R1 to Liberal Arts College to Industry: One Psychologist's Journey to Digital Therapeutics

Acacia Parks, Happify, Inc. acacia.c.parks@gmail.com

Fri. 10:30AM – 11:30AM Live Room 02

Moderator: Lindsey Root Luna, Hope College

Dr. Parks's journey started with an undergraduate thesis on the impact self-help books on mental health. Over the years, self-help books became new web-based interventions, then a gamified well-being app (Happify), and finally a FDA-regulated digital therapeutics platform (Happify Health). This talk describes her journey from undergraduate at a small liberal arts college to graduate school at an R1 university, back to a small liberal arts college where she earned tenure, and, ultimately, to a lead research role in industry.



Psi Chi Poster Session VI: Developmental & Positive

Fri 1:00PM - 1:50PM

Poster Room

1 Predictors of Childcare Provider Emotional Burnout: Associated Demographic and Systemic Variables

Tripat Rihal, University of Minnesota-Twin Cities; Christina Mondi-Rago, Brazelton Touchpoints Center, Boston Children's Hospital; Sophia Magro, University of Minnesota-Twin Cities; Elizabeth Carlson, University of Minnesota-Twin Cities (Elizabeth Carlson, Faculty Sponsor)

2 The role of interparental relations in the individual parenting behavior of mothers and fathers

Noelle Eassom, Ohio State University; Reed Donithen, The Ohio State University; Sarah Schoppe-Sullivan, The Ohio State University (Sarah Schoppe-Sullivan, Faculty Sponsor)

3 Risk perception and health related risk-taking behavior in emerging adults

Alicia Oladipo, Southeast Missouri State University (Catherine Chou, Faculty Sponsor)

4 Put on your thinking app: (App)lying smart-device manipulatory-scale spatial tasks to predict ambulatory-scale spatial performance

Paige Smith, Lewis University; Leah Siwinski, Lewis University (Philip Blankenship, Faculty Sponsor)

5 The bidirectional effects of body dissatisfaction in the mother-daughter dyad

Agatha Laboe, University of Notre Dame; Dawn Gondoli, University of Notre Dame; Jessica Hocking, University of Notre Dame (Dawn Gondoli, Faculty Sponsor)

PSI CHI AWARD WINNER

6 Influences of Age and Language Background on Co-Speech Gesture Processing

Natalia Zielinski, Loyola University Chicago; Elizabeth M. Wakefield, Loyola University Chicago (Elizabeth Wakefield, Faculty Sponsor) Through two studies we explore how age and language background affect attention to and use of gesture in narrative. We find that while language influences *what* is remembered, language and gesture affect *how* the information is remembered. We hypothesize that this effect will be more pronounced among children than adults.

7 Eating habits before and after COVID-19 isolation

Alli Schlosser, University of Findlay; London Moening, The University of Findlay; Allison Kiefner-Burmeister, University of Findlay (Allison Kiefner-Burmeister, Faculty Sponsor)

8 Anxiety and Self-Esteem Before and During a Global Pandemic

London Moening, The University of Findlay; Madison Vedda, The University of Findlay; Allison Kiefner-Burmeister, University of Findlay (Allison Kiefner-Burmeister, Faculty Sponsor)

9 Objectified Body Consciousness Before and After COVID-19

Olivia Clune, University of Findlay; Alli Schlosser, University of Findlay (Allison Kiefner-Burmeister, Faculty Sponsor)

10 Depression Before and After COVID-19 Pandemic

Liana Burk, The University of Findlay; Olivia Clune, University of Findlay; Allison Kiefner-Burmeister, University of Findlay (Allison Kiefner-Burmeister, Faculty Sponsor)

11 Normalization of Children and Adolescents Using Social Media in Their Daily Life

Clarissa Ramirez, The University of Findlay; Veronica Watkins, The University of Findlay; Allison Kiefner-Burmeister, University of Findlay; Alli Schlosser, University of Findlay (Allison Kiefner-Burmeister, Faculty Sponsor)

12 Pressures on the Self-Image of Children and Adolescents

Veronica Watkins, The University of Findlay; Hayley Waltz, University of Findlay; Allison Kiefner-Burmeister, University of Findlay (Allison Kiefner-Burmeister, Faculty Sponsor)

13 Adolescent and child susceptibility to media influence

Hayley Waltz, University of Findlay; Clarissa Ramirez, The University of Findlay; Allison Kiefner-Burmeister, University of Findlay (Allison Kiefner-Burmeister, Faculty Sponsor)

14 I Couldn't Decide on a Title: The Relationship Between Parenting Style and Indecisiveness

Brooke Short, Murray State University (Amanda Joyce, Faculty Sponsor)

15 Parenting During A Global Pandemic: The Roles of Mindfulness, Perceived Competence, and Self-Regulation

Hannah Poston, Murray State University; Amanda Joyce, Murray State University (Amanda Joyce, Faculty Sponsor)

16 Ground Rule performance predicts responses to "Do you remember..." questions"

Grayling F. J. Keune, University of Toledo; Kristina Todorovic, University of Toledo; Christina O. Perez, University of Toledo; Kamala London, University of Toledo (Dr. Kamala London, Faculty Sponsor)

17 The Effect of Parenting Style on Offspring's Future Parenting Style Victoria Rogers, Kenyon College (Dana Krieg, Faculty Sponsor)

18 Daily stress reactivity: The joint effects of duration and intensity of physical activity

Agatha Laboe, University of Notre Dame; Cindy Bergeman, University of Notre Dame; Niccole Nelson, University of Notre Dame (Cindy Bergeman, Faculty Sponsor)

19 Biological children of international adoptees: Identity in the second generation

Kiana Schuchard, University of St. Thomas; Malia Sherred, University of St. Thomas, MN (Jean Giebenhain, Faculty Sponsor)

20 Youth's Religiosity and Prosociality in Contexts of Ethnopolitical Violence in Northern Ireland

Michelle Lee, University of Notre Dame; Bethany Wentz, University of Notre Dame; E. Mark Cummings, University of Notre Dame (Thomas Merluzzi, Edward Mark Cummings, Bethany Wentz, Faculty Sponsor)

21 Sex differences in solving algebra word problems

Heather Miller, University of Missouri - Columbia; David Geary, University of Missouri (Columbia) (Dave Geary, Faculty Sponsor)

22 A New Measure of Science Identity Utilizing A Self-Determination Theory Approach

Meghan Schmit, University of Notre Dame; Maria D'Ambrose, University of Notre Dame; Brian Kelley, University of Notre Dame; Rachel Tanczos, University of Notre Dame; Daniel Lapsley, University of Notre Dame; Katheryn Kelley, University of Notre Dame (Daniel Lapsley, Faculty Sponsor)

23 Stability and Change in the Tendency to be a Moral Rebel Across Young, Middle, and Older Adulthood

Tess Guzman, University of Cincinnati Blue Ash; Leah Mentzer, University of Cincinnati; Taylor Wadian, University of Cincinnati, Blue Ash College (Dr. Taylor Wadian, Faculty Sponsor)

24 The moderating effect of maternal gatekeeping on the association between fathers' rough-and-tumble play and children's self-regulation Arian Sorani, The Ohio State University; Sarah Schoppe-Sullivan, The Ohio State University (Sarah Schoppe-Sullivan, Faculty Sponsor)

25 The chaos of raising an active child: The indirect effect of age 4 activity on age 5 externalizing problems.

Elena Cornelius, Southern Illinois University Carbondale; Matthew Jamnik, Southern Illinois University Carbondale (Lisabeth DiLalla, Faculty Sponsor)

26 Changing Computer Programming Attitudes Over Time: Effects of an Intervention for Girls and URM Students

Meghan Coggins, University of Notre Dame; Teresa Ober, University of Notre Dame; Ying Cheng, University of Notre Dame; Tim Urdan, Santa Clara University; Paul Brenner, University of Notre Dame; Janice Zdankus, Hewlett Packard Enterprise; Emmanuel Johnson, YWCA Silicon Valley; Philip Gonsalves, YWCA Silicon Valley (Teresa M. Ober, Ying Cheng, Faculty Sponsor)

27 Childhood Adversity and its Relationship to College Students' Quality of Life and Stress

Melissa Vanoskey, University of Wisconsin - La Crosse; Paige von Mende, University of Wisconsin - La Crosse (Tesia Marshik, Faculty Sponsor)

28 Exploring developmental change in children's digital spatial play Stephanie Mccarty, Northwestern University; Naomi Polinsky, Northwestern University; Rachel Flynn, San Francisco State University; David Uttal, Northwestern University (David Uttal, Faculty Sponsor)

29 Role of marital relationship quality on different domains of sibling conflict

Kathryn McCulloch, University of Missouri; Yue Guo, University of Missouri-Columbia (Nicole Campione-Barr, Faculty Sponsor)

30 The relationship between personality traits on the online selfpresentation of young adults: The moderating role of gender Braden Johnston, Southeast Missouri State University; Catherine Chou, Southeast Missouri State University (Catherine Chou, Faculty Sponsor)

31 Development of Internal Working Models in the Context of Infant Attachment

Mandar Bhoyar, University of Missouri; Kristy vanMarle, University of Missouri - Columbia (Kristy vanMarle, Faculty Sponsor)

32 Links Between Coparenting and Callous-Unemotional Behaviors in Preschool-Aged Children

Madeline Patrick, The Ohio State University; Jia (Julia) Yan, Ohio State University; Laura Simon, The Ohio State University (Sarah Schoppe-Sullivan, Faculty Sponsor)

33 Influential factors on generalization and retention in a novel noun generalization task

Jeffrey Flinchem, Augustana College (Megan Lorenz, Sarah Kucker, Faculty Sponsor)

34 Foraging strategies and personality – does fear/shyness lead to more reward?

Aubrielle Maginness, University of Missouri; Kristy vanMarle, University of Missouri - Columbia (Kristy vanMarle, Faculty Sponsor)

35 Understanding Discrepancy: Evaluating Parent and Teacher Reports of Child Adjustment in the Home and School

Emily Brigham, University of Notre Dame; E. Mark Cummings, University of Notre Dame (E. Mark Cummings, Faculty Sponsor)

36 The relationships among childhood sleep, bedtime routines, and executive function.

Jacklyn Ebert, Metropolitan State University; Jessica Blaxton, Metropolitan State University (Jessica Blaxton, Faculty Sponsor)

37 A developmental assessment of age-related differences in visual attention between six and seven-year-old children

Jordan Westfall, University of Wisconsin - Green Bay (Sawa Senzaki, Faculty Sponsor)

38 A developmental assessment of age-related differences in visual attention between six and seven-year-old children

Jordan Westfall, University of Wisconsin - Green Bay; Cassee Schuyler, UW-Green Bay; Jenna Vaaler, University of Wisconsin-Green Bay; Benjamin Thom, University of Wisconsin - Green Bay (Sawa Senzaki, Faculty Sponsor)

PSI CHI AWARD WINNER

39 International-adult-adoptee identity: The impact of having biological children

Malia Sherred, University of St. Thomas, MN; Kiana Schuchard, University of St. Thomas (Jean Giebenhain, Faculty Sponsor)
Identity formation can be especially difficult for transracial, international adoptees (TRIA). This may become more difficult when TRIAs have biological children. However, there is little to no scholarly literature available. This study aims to investigate how biological children influence TRIAs' identities, particularly regarding TRIAs' sense of racial/ethnic identity.

40 Adolescent Goals: Relationship with Aggression, Depression, and Prosocial Behavior

Sheila Tahernezhadi, Northern Illinois University; Kristina Wiemer, Illinois State University (Nina S. Mounts, Faculty Sponsor)

41 Parenting Styles, Living Arrangements, and Academic Achievement within College Students

Ashley Miles, Rochester University (Robyn Siegel-Hinson, Faculty Sponsor)

42 Factors associated with post-divorce adjustment in adult children Adam Pribbenow, Edgewood College; Alyssa Lemirande, Edgewood College (David Lambert, Faculty Sponsor)

43 The effects of remote learning on student study time, performance, and engagement during the COVID-19 pandemic

Ms. Robin C. Berghoff, Manchester University; Keeli Day, Manchester University; Sean Jones, Manchester University (Marcie Coulter-Kern, Faculty Sponsor)

44 Evaluating the Psychometric Properties of an Updated Markers of Adulthood Scale

Warner Myntti (Him/His), Ferris State University; Jensen Spicer, Ferris State University; Jordan Horan, Ferris State University; Derien Kleine, Ferris State University; Logan Rios, Ferris State University (Christopher Redker, Faculty Sponsor)

45 Effects of Political Violence on Internalizing Symptomatology in Adolescence

Tess Shannon, University of Notre Dame; E. Mark Cummings, University of Notre Dame; Bethany Wentz, University of Notre Dame; Laura Taylor, University College Dublin, Queen's University Belfast; Marcie Goeke-Morey, Catholic University of America; Peter Shirlow, University of Liverpool (Edward Cummings, Bethany Wentz, Faculty Sponsor)

46 Parenting Patterns and Criminogenic Thinking Among Prisoners Jordan Jennings, Missouri Western State University (Jon Mandracchia, Faculty Sponsor)

47 Increased Learning Gains in Students Using Community Based Learning

Autumn Stevens, University of Notre Dame; Gabriel Radvansky, University of Notre Dame; Nancy Michael, University of Notre Dame (Gabriel Radvansky, Nancy Michael, Faculty Sponsor)

48 Do Male or Female Infants Construct More in a Construction Task?

Bailey Schejbal, Illinois State University; Ellie Phillis, Illinois State University; Julie Campbell, Illinois State University; Emily Marcinowski, Louisiana State University (Julie Campbell, Emily Marcinowski, Faculty Sponsor)

49 Impact of emotional security and sectarian violence on adolescent outcomes

Hyun Jin Lee, University of Notre Dame; Bethany Wentz, University of Notre Dame; Christine Merrilees, SUNY Geneseo; Laura Taylor, University College Dublin, Queen's University Belfast; E. Mark Cummings, University of Notre Dame; Marcie Goeke-Morey, Catholic University of America; Peter Shirlow, University of Liverpool (E. Mark Cummings, Faculty Sponsor)

50 The role of contextual and motivational factors in Undergraduates' STEM-related persistence and identity

Elena Sandoval, Dominican University; Maria Marquez, Dominican University; Gloria Gervacio, Dominican University (Persis Driver, Faculty Sponsor)

51 Association of Adolescents' Social-Cognitive Orientations and Young Adulthood Well Being and Adjustment

Lindsay Durdle, University of Missouri - Columbia (Amanda Rose, Faculty Sponsor)

52 How function-focused goals support families' engineering learning from museum tinkering experiences

Zach Levy, Loyola University Chicago; Lauren Pagano, Loyola University Chicago; Catherine A. Haden, Loyola University Chicago (Catherine A. Haden, Faculty Sponsor)

53 Mediation of the Relationship Between Effortful Control and Externalizing Behavior by Family Conflict

Megan Myers, Southern Illinois University; Maria Garcia-Yanez, Southern Illinois University; Tori McNary, Southern Illinois University; Riley Marshall, Southern Illinois University Carbondale (Lisabeth F. DiLalla, Faculty Sponsor)

54 Technology-Mediated Communication with Parents and Emerging Adults' Perceptions of Relationships

Xavier Strong, University of Missouri; Christopher Odudu, University of Missouri; Nicole Campione-Barr, University of Missouri (Nicole Campione-Barr, Faculty Sponsor)

55 Spatial Language Learning via Storybooks

Kayla Dillon, Augustana College; Samantha Ferruzza, Augustana College; Jeffrey Flinchem, Augustana College; Madeline Gustafson, Edgewood College; Brett Niederer, Augustana College (Megan Lorenz, Faculty Sponsor)

56 Effect of specific environmental enrichment on pre-term children's puzzle play outcomes

Raquel Gomez, University of Iowa; Sam Clingan-Siverly, University of Iowa; Ozlem Ece Demir-Lira, University of Chicago (Ece Demir-Lira, Faculty Sponsor)

57 Does theory of mind and executive function predict communication skills in 3-year-olds?

Valerie San Juan, Bradley University; Priyal Patel, Bradley University; Ricardo Onate, Bradley University; Nicole Tucker, Bradley University; Raven Moore, Bradley University; Megan Spillane, Bradley University (Valerie San Juan, Faculty Sponsor)

PSI CHI AWARD WINNER

58 Effects of biological sex and corporal punishment on caregiver-child relationships

Julia Kashuba, John Carroll University; Sophia Bruno, John Carroll University; Alliha Valentine, John Carroll University; Alexis Huet, John Carroll University (Thomas Frazier, Faculty Sponsor)
While past research indicates that both severity of corporal punishment and biological sex of the child are related to quality of caregiver-child relationships, this study indicates that these factors do not interactively influence self-reported quality of caregiver-child relationships. Participants

who received lower levels of corporal punishment reported higher-quality

caregiver-child relationships.

59 The effects of religiosity and community factors on child alcohol usage in Northern Ireland

Savannah Vetterly, University of Notre Dame; Bethany Wentz, University of Notre Dame; Christine Merrilees, SUNY Geneseo; Laura Taylor, University College Dublin, Queen's University Belfast; Marcie Goeke-Morey, Catholic

University of America; Peter Shirlow, University of Liverpool; E. Mark Cummings, University of Notre Dame (Bethany Wentz, Faculty Sponsor)

60 Emotional Security as a mediator of the relationship between forgiveness and youth civic engagement in Northern Ireland

Xolisa Ngwenya, University Of Notre Dame; Bethany Wentz, University of Notre Dame; Christine Merrilees, SUNY Geneseo; Laura Taylor, University College Dublin, Queen's University Belfast; Marcie Goeke-Morey, Catholic University of America; Peter Shirlow, University of Liverpool; E. Mark Cummings, University of Notre Dame (Edward Mark Cummings, Faculty Sponsor)

61 An In-Depth Analysis of the Motivations of Mass Shooters

Holden Scribner, University of Findlay; Alexia Hilling, University of Findlay (Andrea Mata, Faculty Sponsor)

62 The impact of socioeconomic status, parental negative talk, and gender on child internalizing and externalizing behaviors

Margaret Schlotter, Southern Illinois University Carbondale (Dr. Lisabeth F. DiLalla, Faculty Sponsor)

63 Comparing infants' numerical abilities in in-person vs. online data collection formats

Brooke Watkins, University of Missouri - Columbia; Kristy vanMarle, University of Missouri - Columbia (Kristy vanMarle, Faculty Sponsor)

64 Cognitive Dissonance in Major Declaration

Jessica Beckmann, Governors State University; Rachel Beckmann, Governors State University (Alli Cipra, Faculty Sponsor)

65 Behavioral Responses of Autistic and Typically-Developing Siblings During Conflict Resolution Tasks: Relations to Emotional Security in the Family System

Abigayle Hughes, University of Notre Dame (Thomas V. Merluzzi, E. Mark Cummings, Faculty Sponsor)

66 Are you becoming your parents? An analysis of the similarities in dietary intake amoung parent-child dyads.

Adreanna Klepec, Bowling Green State University (Dara Musher-Eizenman, Faculty Sponsor)

67 The relationship of anxiety and involvement in extracurricular activities

Alexandria Retz, Wartburg College (Shaheen Munir, Faculty Sponsor)

68 Mothers' Birth Stories and Children's Attachment Behavior: Shifting Methods in a Pandemic

Twyla Barkakoty, Beloit College; Suzanne Cox, Beloit College (Suzanne M. Cox, Faculty Sponsor)

69 The effect of an unfamiliar accent on preschoolers' comprehension of language

Victoria Vizzini, Northwestern University (Sandra Waxman, Faculty Sponsor)

70 Emerging Adults' Perceptions of Aggression in Sexual Scenes From Film and TV

Scout Crowell, Kenyon College; Miriam Freiberg, Kenyon College; Haley Witschey, Kenyon College (Dana Krieg, Faculty Sponsor)

71 What Toys Are in Your Shopping Cart? Examining a Child's Shopping Experience

Meghan Kelley, Washington and Lee University; Emily Moran, Washington & Lee University (Megan Fulcher, Faculty Sponsor)

72 The relationship between parenting styles and security of attachment in emerging adults

Sanah Munir, Wartburg College (Todd Reiher, Faculty Sponsor)

73 Maternal perception of sectarian antisocial behavior and adolescent adjustment: the moderating role of emotional security in the mother-child relationship and maternal religious identity

Paige Cooper, University of Notre Dame; Bethany Wentz, University of Notre Dame; Christine Merrilees, SUNY Geneseo; Laura Taylor, University College Dublin, Queen's University Belfast; Marcie Goeke-Morey, Catholic University of America; Peter Shirlow, University of Liverpool; E. Mark Cummings, University of Notre Dame (E. Mark Cummings, Faculty Sponsor)

74 Self-continuity in adolescence: a buffer against decreases in selfesteem due to victimization

Gabriela Alvarez, University of Nebraska at Omaha; Josafa Da Cunha,

Federal University of Parana in Curitiba; Ana Bittencourt, Federal University of Parana in Curitiba (Jonathan Santo, Faculty Sponsor)

75 Body image before and after COVID-19 isolation

Madison Vedda, The University of Findlay; Liana Burk, The University of Findlay; Allison Kiefner-Burmeister, University of Findlay (Allison Kiefner-Burmeister, Faculty Sponsor)

76 Attitudes about aging and social media.

Jessica VanderWerf, St. Cloud State University. (Leslie A Valdes, Faculty Sponsor)

77 Interpersonal Violence as a Predictor of Depressive Symptoms and Suicidal Ideation: Does Perfectionism Matter?

Maaz Munawar, University of Michigan; Sarah Klausner, University of Michigan; Kaab Husain, University of Michigan Ann-Arbor; Valeria Hernandez, University of Michigan; Paige K. Demers, University of Michigan, Ann Arbor; Nithya Rao, University of Michigan, Ann Arbor; Yicong Sun, University of Michigan; Mrinalini Gupta, University of Michigan; Edward Chang, University of Michigan; Shanmukh Kamble, Karnatak University; Alison Li, University of Michigan (Edward C. Chang, Faculty Sponsor)

78 Mindfulness and State Narcissism

Anna Myers, The Ohio State University Mansfield; Daniel Noll, Ohio State University Mansfield; Amy Brunell, The Ohio State University Mansfield (Amy Brunell, Faculty Sponsor)

79 Living Situation and The Wellbeing of College Students During COVID-19

Vanisa Senesathith, Macalester College (Jaine Strauss, Faculty Sponsor)

PSI CHI AWARD WINNER

80 Mindfulness promotes virtue development and resilience to stress within the context of moral education

Hengzhi (Alex) Liu, Point Loma Nazarene University; Courtney Groenendyk, Point Loma Nazarene University; Tanner Boydstun, Point Loma Nazarene University; Joel Sagawa, Point Loma Nazarene University; Ross Oakes Mueller, Point Loma Nazarene University (Joel T. Sagawa, Ross A. Oakes Mueller, Faculty Sponsor)

This longitudinal study of college students explored how participation in mindfulness training might influence stress and the virtue of mindfulness. All participants received didactic education, while half of the participants engaged in additional mindfulness practices. Results suggested that practicing mindfulness promoted virtue growth and resilience to stress over time.

81 Enhancing gratitude through mindfulness practices in the context of moral education

Tanner Boydstun, Point Loma Nazarene University; Courtney Groenendyk, Point Loma Nazarene University; Hengzhi (Alex) Liu, Point Loma Nazarene University; Ross Oakes Mueller, Point Loma Nazarene University; Joel Sagawa, Point Loma Nazarene University (Ross A. Oakes Mueller, Joel T. Sagawa, Faculty Sponsor)

PSI CHI AWARD WINNER

82 Gratitude, emotional intelligence, and subjective well-being among older adults: Evidence for a broaden-and-build model, an amplification model, or both?

Olivia Chang, University of Michigan; Nicolás Sánchez-Álvarez, University of Málaga; Lourdes Rey, University of Málaga; Natalio Extremera, University of Málaga; Misu Kwon, University of Michigan, Ann Arbor; Mingqi Li, DePaul University (N/A, Faculty Sponsor)

The present study sought to examine the relations between gratitude, emotional intelligence, and life-satisfaction in older adults. Our findings provide some support for both the broadening (via the broadening of one's emotion use) and amplifying (with high understanding of others' emotions) effects of gratitude on life satisfaction in older adults.

83 Parental psychological wellbeing and perceived parenting as predictors of COVID-19 parent-child communication: Self-efficacy matters!

Olivia Chang, University of Michigan; Shawna Lee, University of Michigan School of Social Work; Kaitlin Ward, University of Michigan School of Social Work (Shawna J. Lee, Faculty Sponsor)

84 Beyond the music

Michelle Marek, rochester university (Robyn Siegel-Hinson, Faculty Sponsor)

85 A Look Into Pessimism/Optimism with Light and Dark HumorJacob Jenema, Rochester University (Robyn Siegel-Hinson, Faculty Sponsor)

86 A champion mindset: The effect of positive self-talk on athletic performance in Division III basketball players

Matthew Conrad, Anderson University-IN (Laura Stull, Janell Blunt, Faculty Sponsor)

87 The effects of optimism on business success

Marlena Booth, Rochester University (Robyn Siegel-Hinson, Faculty Sponsor)

88 The Expression of Gratitude Varies as a Function of Gender

Elena Cornelius, Southern Illinois University Carbondale; Ysabel Lee, Southern Illinois University- Carbondale; John Lindt, Southern Illinois University Carbondale; David Gilbert, Southern Illinois University Carbondale; Bryant Stone, Southern Illinois University Carbondale (Dr. David Gilbert, Faculty Sponsor)

89 Lifestyle factors and affective outcomes among aging populations William Sogge, University of Notre Dame; Niccole Nelson, University of Notre Dame; Cindy Bergeman, University of Notre Dame (Cindy S. Bergeman, Faculty Sponsor)

90 The effects of therapeutic writing on juvenile justice populations Julia Kashuba, John Carroll University (Tracy Masterson, Philip Metres, Faculty Sponsor)

91 The gratitude letter recipient changes the expression of gratitude in an individuals letter.

Elena Cornelius, Southern Illinois University Carbondale; Ysabel Lee, Southern Illinois University- Carbondale; John Lindt, Southern Illinois University Carbondale (David Gilbert, Faculty Sponsor)

PSI CHI AWARD WINNER

92 Empathy, self-regulation, accountability, and flourishing: the impact of mindset on receiving feedback Anna Hagner, Hope College; Ashley Hayden, Hope College; Katrina Beltz, Hope College (Charlotte vanOyen-Witvliet, Lindsey Root Luna, Faculty Sponsor)
When facing the possibility of corrective feedback from a real-world supervisor, simple shifts in mindsets - welcoming or resisting feedback - had reliable effects. Valuing (vs. devaluing) what one can learn from a

supervisor's perspective and seeing oneself as capable of (vs. not needing to) change promoted empathy, self-regulation, accountability, and flourishing.

93 Creativity, locus of control, and explanatory styles

Johnathan Lykins, Rochester University (Dr. Robyn Siegel-Hinson, Faculty Sponsor)

94 Attention-deficit hyperactivity disorder (ADHD) and college students' academic flourishing

Bethany Lazo, Carleton College (Chris Dallager, Faculty Sponsor)

95 Give yourself a break: A mixed-methods approach to examining the benefits of self-compassion in college students through correlational data and the Mindfulness Based Flourishing Program

Angela Boice, University of Wisconsin-River Falls; Megan Richards, University of Wisconsin - River Falls (Todd Wilkinson, Faculty Sponsor)

PSI CHI AWARD WINNER

96 Who welcomes accountability? The importance of self-regulation and the gender-empathy link

Ashley Hayden, Hope College; Anna Hagner, Hope College; Katrina Beltz, Hope College (Charlotte vanOyen-Witvliet, and Lindsey Root-Luna, Faculty Sponsor)

Accountability was correlated with self-regulation and empathy. Additionally, women reported higher empathy scores than men, and indirect effects showed that gender was associated with trait accountability, through empathy. These results replicate previous findings on the virtue of accountability while providing insight into characteristics that support successful relationships through welcoming accountability.

PSI CHI AWARD WINNER

97 Forgive to rest: Implications of rumination and compassionate reappraisal for improving sleep quality and quantity

Timothy Boyce, Hope College; Bridget Bateman, Hope College; Sabrina Blank, Hope College; Jackson Davenport, Hope College; Karsten Galyon, Hope College; Haley Katenin, Hope College; Emily Lambert, Hope College; Lindsey Medenblik, Hope College; Addison Panse, Hope College; Kimberly Paquette, Hope College; Julia Wilson, Hope College (Andrew Gall, Charlotte van Oyen-Witvliet, Faculty Sponsor)

This study compared the effects of rumination and compassionate reappraisal for sleep health. Following compassionate reappraisal (vs. rumination),

participants reported going to bed earlier and feeling more refreshed, less angry, more empathic, and more forgiving. Implications for the positive effects of compassionate reappraisal on sleep health and flourishing are explored.

98 Taking Care of Busyness: The Effects of a Busy Lifestyle on Optimism Across the Adult Lifespan

Noah Hop, Northwestern College (Laird Edman, Faculty Sponsor)



Chapter Exchange: Successes and Challenges for Psi Chi Chapters in 2021

Fri 1:00PM - 2:00PM

Psi Chi Room

1:00 Chapter Exchange: Successes and Challenges for Psi Chi Chapters in 2021

Jonathan Hammersley, Western Illinois University; Marcie Coulter-Kern, Manchester University

Psi Chi Opportunities: Grants, Awards, and Publishing, Oh My!

Fri 2:00PM - 3:00PM

Psi Chi Room

2:00 Psi Chi Opportunities: Grants, Awards, and Publishing, Oh My! Lindsey M. Root Luna, Hope College

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Creighton University – Thomas Budesheim

Hastings College, Hastings – Chuck Eigenberg

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Nebraska, Lincoln – Cynthia University of Nebraska, Omaha – Beth Lyon

Wayne State College, Wayne – Karen E. Walker

New York

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University at Buffalo – Kenneth DeMarree

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University of North Carolina, Greensboro - Paul Silvia

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Ohio

Ashland University, Ashland – Mitchell Metzger

Case Western Reserve University, Cleveland – Robert L. Greene Cleveland State University, Cleveland – Conor T. McLennan College of Mount St. Joseph Cincinnati – James H. Bodle College of Wooster, Wooster – Amber

Joseph, Cincinnati – James H. Bodle College of Wooster, Wooster – Amber Garcia

Denison University, Granville - Robert Weis

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Shawnee State University – Darrell Rudmann

Stark State College – Bryan Gerber

University of Akron, Akron - Wondimu Mohammed

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Widener University, Chester – Karen Rose

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The Citadel, Charleston – Steve A. Nida

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Ripon College, Ripon – J. Timothy Petersik

St. Norbert College – Paul Y. L. Ngo

University of Wisconsin Colleges, UW Barron County - University of

Wisconsin, Eau Claire -

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Platteville –

Wisconsin Lutheran College – Wendy Close

University of Wisconsin, River Falls – Abigail Jackson University of Wisconsin, Stevens Point – Craig Wendorf University of Wisconsin-Stout, Menomonie – Sarah Wood University of Wisconsin, Superior – Eleni Pinnow University of Wisconsin, Whitewater – Sasha Karnes

West Virginia

Fairmont State University, Fairmont – Zach Moore Marshall University, Huntington – April Fugett

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