



42nd Annual
Mid-America Undergraduate
Psychology Research
Conference
(MAUPRC)

Saturday, April 15, 2023



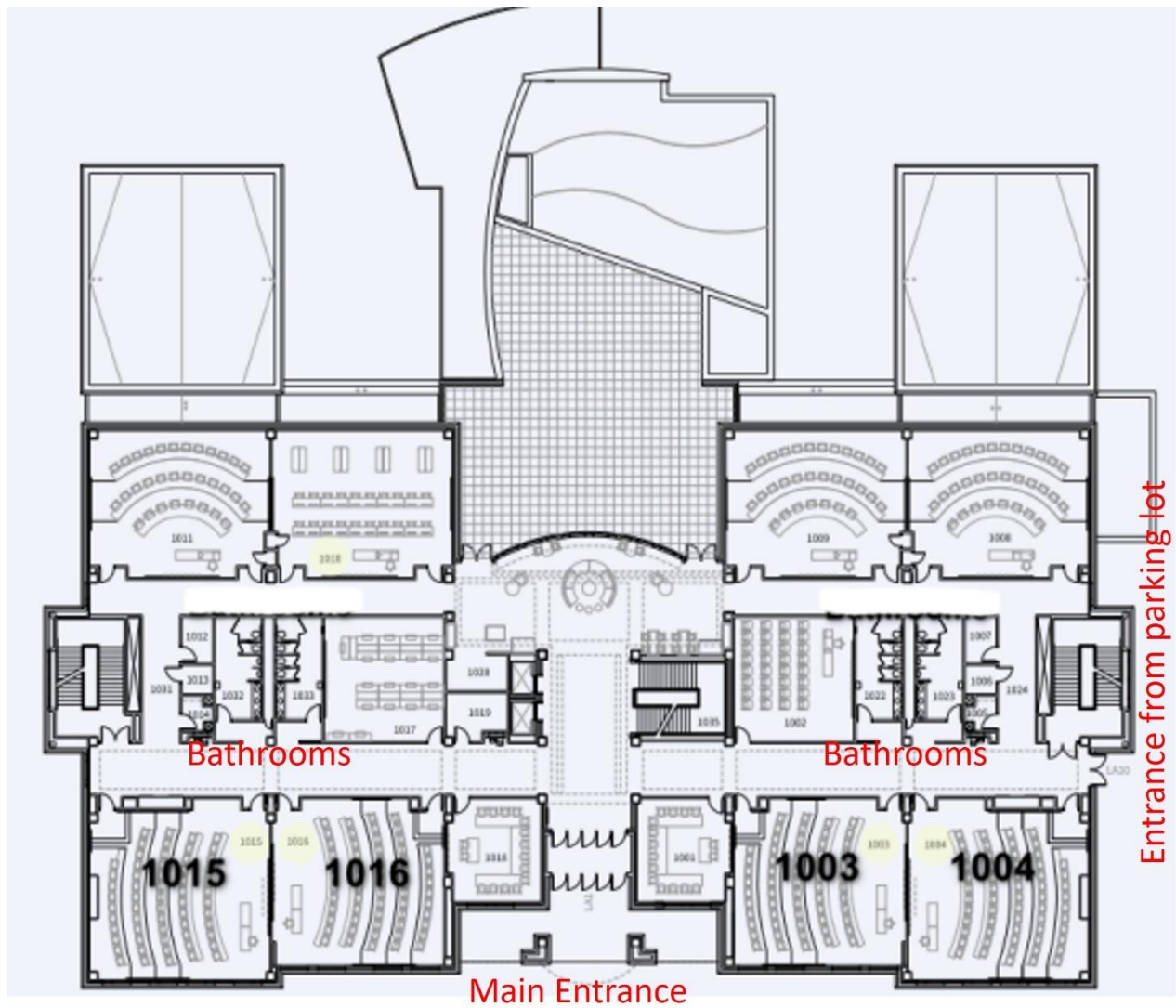
Evansville, IN 47712

Sponsored by the Psychology Departments of

Ball State University
Earlham College
Eastern Illinois University
Franklin College
Thomas More College
University of Southern Indiana

Location of Rooms

Classrooms #1003, 1004, 1015, and 1016 are all in the same hallway right off the entrance (where the check-in and breakfast will be) to the Liberal Arts Center (LA).



Conference Schedule

- ☞ 7:30 – 8:30 Check-in | Registration | Continental Breakfast
- ☞ **8:30 – 9:30 Session 1**
- ☞ 9:30 – 9:40 Break
- ☞ **9:40–10:40 Session 2**
- ☞ 10:40 – 10:50 Break
- ☞ **10:50 – 11:50 Session 3**
- ☞ 11:50 – 12:00 Break
- ☞ 12:00 – 1:15 Lunch | Welcome | Keynote Address:
Dr. Andy Luttrell, Assistant Professor
Department of Psychological Science, Ball State University
"Where do we get our worldviews?"
- ☞ 1:15 – 1:25 Break
- ☞ **1:25 – 1:55 Posters**
- ☞ 1:55 – 2:00 Break
- ☞ **2:00 – 3:15 Session 4**
- ☞ 3:15 – 3:30 Closing Business | Wrap Up

General Information

- Check-in/Registration and Breakfast will be on the main entrance of the Liberal Arts Center (LA) Building, 1st floor.
- Lunch will be held in Carter Hall, which is located in the University Center West building, second floor. [Follow the crowd.]
- Each paper presentation is identified in the program with a 3 character code.
 - “4C3” refers to the 4th Session, in room C, the 3rd paper.
 - “P02” refers to the 2nd poster, in room P—a LA hallway.

Session Room Code	Rooms
A	#1015
B	#1016
C	#1003
D	#1004
P	1 st floor Hallway

Wireless Internet & Social Media

You may use these credentials to connect to the

"USIGuest" network

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(<https://tinyurl.com/MAUPRCapp2023>)

The 2023 MAUPRC very much appreciates the support of the following folks at USI:

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and the **Department of Psychology**

Thank You!!

Conference Etiquette

In order for the conference to maintain a professional atmosphere and efficient order, we urge all in attendance to adhere to a few simple guidelines:

- If you are a presenter, report to the room where your presentation is scheduled before your session and introduce yourself to your moderator, so s/he knows you are there and how to pronounce your name during the introductions.
- Be sure to turn off your cell phone during paper sessions.
- Do not enter a session while a presentation is in progress and, if you must leave a session before it is over, wait until the break between presentations.
- Minimize unnecessary noise and conversation, both immediately outside and inside conference rooms.
- When presenting a paper, keep within the time limits so that subsequent presenters have sufficient time and sessions can be maintained on schedule.
- Engage in scholarly discussions, but show courtesy to the presenter.
- Wear your nametag prominently to facilitate communication and to identify you as an official registrant.
- Plan to stay for the entire conference (i.e., do not present your paper and then leave). Your presence as an audience member is a demonstration of support for your fellow presenters.
- Abide by the host institution's smoking policies.

Notes



Sessions

Session 1A

Room #1015

Moderator: Srikanth Dandotkar – University of Southern Indiana

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- 8:30 AM to 8:42 AM** Fulfillment of basic psychological needs as a mediator of the link between ADHD symptoms and life satisfaction. **Samuel Proctor**. Wabash College. Sponsored by Dr. Robert Horton. [1A1]
- This research investigates basic psychological needs theory as an explanation for why ADHD and non-ADHD individuals differ in life satisfaction. College-aged individuals completed assessments in an on-line survey. We expected those who experienced ADHD to report lower life satisfaction and less fulfillment of relatedness and competence needs than their non-ADHD counterparts.
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- 8:45 AM to 8:57 AM** Perception Ascription Task. **Samantha Cardoza, Ian Brown, & Madi Martin**. University of Southern Indiana. Sponsored by Dr. Srikanth Dandotkar. [1A2]
- We examined whether one's self-identified gender identity influences their gendered perception of others, and whether this effect is different when presented with feminine, masculine, and androgynous/mixed characteristics. Participants viewed images of illusory and human faces, then they scored them on various characteristics, and filled out demographic questions.
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- 9:00 AM to 9:12 AM** Predictors of Body Satisfaction in Female Collegiate Athletes. **Ally Hall**. Anderson University. Sponsored by Dr. Laura Stull. [1A3]
- There is prior research to show that body satisfaction is a growing issue in teenagers and young adults. This study examines influences of body satisfaction in female collegiate athletes. Factors analyzed include coach and teammate communication as well as performance pressure. Results showed a significant negative correlation between performance pressure and body satisfaction.
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- 9:15 AM to 9:27 AM** Do ERPs Correlate with Behavioral Responses Among Those with and without MS? **Kaylee Spinner & Carly Nau**. Eastern Illinois University. Sponsored by Dr. Anne Walk. [1A4]
- Multiple Sclerosis (MS) is a neural disorder that has a variety of symptoms causing cognitive impairment that negatively affects daily functioning. Participants with MS and healthy controls completed an oddball task while wearing an EEG cap. The results showed that the relationships between the N2 and P3 metrics and the participants' behavioral outcomes on the task differed across groups.

Session 1B

Room #1016

Moderator: Mary Utley – Drury University

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- 8:30 AM to 8:42 AM** Polarization & Emotional Intelligence regarding Tolerance. **Ian Genge & Dylan Worden.** Drury University. Sponsored by Dr. Mary Utley. [1B1]
- 8:42 AM** In the United States of America, there are two main parties: Democrat and Republican (Barber & Pope, 2019). As with varying worldviews. The researchers' hypotheses are (H1) participants who score higher levels on interpersonal tolerance will also score lower on the Heteronormative attitudes and belief scale after viewing one of two videos. Using a 2X2 factorial design. Data analysis is ongoing.
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- 8:45 AM to 8:57 AM** Mild Traumatic Brain Injuries and Their Effect on College Football Players. **Gavin Patrick.** Wabash College. Sponsored by Dr. Karen Gunther. [1B2]
- 8:57 AM** Concussions have become a common injury in American football. I investigated the long-term effects of playing 1-5 seasons of college football. Out of 220 Wabash football players from 1972 to 2022, 30.9% admitted to getting a concussion while on the field, with a higher rate in longer-playing athletes, but no change in rate over the decades. Analysis of long-term effects is under way.
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- 9:00 AM to 9:12 AM** Egocentrism beyond Adolescence. **Clayton Young.** Eastern Illinois University. Sponsored by Dr. Caridad Brito. [1B3]
- 9:12 AM** Egocentrism has been historically conceptualized to be unique developmental stages in childhood and adolescence. However, research suggests egocentrism exists across the lifespan and may be related to factors such as personal wellbeing and quality of life. The goal of this study is to address these topics in the research literature by examining egocentrism in emerging adults.
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- 9:15 AM to 9:27 AM** Social Support as a Moderator of the Relationship between Self-Stigma and Perceptions of Recovery in Addiction. **Veda Craig.** Anderson University. Sponsored by Dr. Laura Stull. [1B4]
- The purpose of this study is to examine whether social support moderates the relationship between self-stigma and self-perception of recovery in addiction. Participants were recruited from an online data collection website. Implications of this study include highlighting methods for increasing the likelihood of recovery among people with addictions.

Session 1C

Room #1003

Moderator: Jeff Kellog – Marian University

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- 8:30 AM to 8:42 AM** The Role of Social Norm Violation and Compliant Age on Negative Affect and Anticipated Behaviors. **Vrund Prajapati & Skyler Raley**. University of Southern Indiana. Sponsored by Dr. Kristina Todorovic. [1C1]
- We investigated the effect of social norm violation (followed, violated) and compliant age (6, 20-year-old) on participants negative affect and anticipated behaviors. Participants experienced higher negative affect and more anticipated behaviors when the person violated compared to following the norm. No differences were found if the person was 6- or 20-years of age. No interaction emerged.
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- 8:45 AM to 8:57 AM** Impact of Physician Phubbing on Perceptions of Care Provided. **Walker Albright**. Marian University. Sponsored by Dr. Amanda Egan. [1C2]
- Phubbing (phone use that excludes others) is linked with negative social outcomes (Przybylski & Weinstein, 2013). But 82.9% of physicians and medical school students report using their smartphone in clinical settings (Buchholz et al., 2016). To date, no research has investigated if physician phone use yields more negative evaluations. This project partially addresses that gap in the literature.
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- 9:00 AM to 9:12 AM** Mediation of the Relation of Self-Uncertainty and Conspiracy Ideation. **Tyler Danielewicz**. Wabash College. Sponsored by Dr. Preston Bost. [1C3]
- Research suggests an association between uncertainty and conspiracy belief, but the roles of other factors are unknown. We sought to replicate the relation between uncertainty and conspiracy belief while investigating potentially mediating variables. Participants reflected upon a time of certainty or uncertainty, then completed measures of conspiracy belief, state- and trait-anxiety, and stress.
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- 9:15 AM to 9:27 AM** The Impact of Halo and Devil Effects on Sentencing in Domestic Abuse Cases. **Leah Cooper & Kaitlin Peterson**. Drury University. Sponsored by Dr. Callie Gibson. [1C4]
- The halo and devil effects are primary appraisals of people, based on attractiveness. This research seeks to examine how the halo and devil effects change sentencing given by juries in a domestic violence case. Participants will be part of a mock jury, in which attractiveness is manipulated. If our hypothesis is supported, it suggests that both effects influence verdicts. Data will be presented.

Session 1D

Room #1004

Moderator: Dan Nardi – Ball State University

8:30 AM	Methods for Reducing Public Stigma. Kyle Nordbloom . Anderson University. Sponsored by Dr. Laura Stull. [1D1]
8:42 AM	The effects of public stigma can be detrimental to the recovery of persons with severe mental illness. The purpose of this study is to discern predictors of reduced public stigma. Three variables were examined: increased contact, reduced perceived burden, and increased quality of life. Regressions were run for each method; results will be discussed.
8:45 AM	The Impacts of Social Media. Macy Bridges . Drury University. Sponsored by Dr. Callie Gibson. [1D2]
8:57 AM	People utilize social comparisons to understand where they fit in the world, which often influences their state self-esteem and state self-confidence (Festinger, 1954). Researchers investigated if participants' levels of state self-esteem and state self-confidence decreased after viewing a Twitter post about high achievement and low effort compared to a high effort post. Results will be discussed.
9:00 AM	Attitudes toward Mental Health. David Moore . Thomas More University. Sponsored by Dr. Caitlin Powell. [1D3]
9:12 AM	University students were exposed to either a provincial or descriptive norm hypothetical scenario. Previous exposure to those diagnosed with mental illness and stigma was recorded. Results indicated no relationship between norms, previous exposure, or the interaction between them on stigma. Findings suggest generational differences and varying levels of exposure may impact stigma.
9:15 AM	Pandemic Psychology and Conspiracy Beliefs: Examining Links between Vaccination, Stress, Anxiety, and Belief in Conspiracy Theories. Max Fricke . Wabash College.
9:27 AM	Sponsored by Dr. Neil Schmitzer-Torbert. [1D4] In this study, we examined the relationships between COVID-19 stress, state and trait anxiety, belief in conspiracy theories, traumatic and pandemic related impact, and COVID-19 vaccination in college students and online participants. Regression analysis indicated that more stressful life events, more perceived and COVID-19 stress, and more COVID-19 impact predicted higher belief in conspiracies.

Session 2A

Room #1015

Moderator: Aimee Adam – Indiana University Southeast

9:40 AM to 9:52 AM The Mediating Role of Athlete Satisfaction between Coaching Behaviors and Psychological Well-Being. **Kayden Key**. Anderson University. Sponsored by Dr. Laura Stull. [2A1]

College athletics require a high level of performance from coach and athlete. When satisfaction in 102 Division III athletes was tested as a mediator between coach's personal rapport and athlete's well-being, no significant mediated relationship was found. However, rapport did predict both satisfaction and well-being. Further research is needed to advance the knowledge of the variables.

9:55 AM to 10:07 AM Ostracism on Social Media and its Effect on Conspiracy Belief. **Jacob Cox**. Wabash College. Sponsored by Dr. Preston Bost. [2A2]

Research has shown that those who feel ostracized in social settings are more likely to endorse conspiracy beliefs, but this theory hasn't been tested on social media platforms. In this study, participants engaged with a simulated web-based social media platform and were led to believe that they received either many or few likes. They then completed a standardized measure of conspiracy beliefs.

10:10 AM to 10:22 AM Junk Mail: Emotional and Contextual Factors in Sending Unsolicited Dick (and Other) Pics. **Elizabeth Hutchison & Ezra Targaryen-Dillander**. Indiana University Southeast. Sponsored by Dr. Aimee Adam. [2A3]

This presentation is part of a larger project exploring the contextual factors involved with sending unsolicited sexual images. The current presentation is focused on self-rated mate value, empathy, loneliness, sexuality, gender, and other contextual factors associated with sending unsolicited explicit photos. At this time, the results are still being analyzed.

10:25 AM to 10:37 AM Love Languages and Relationship Perception. **Olivia Filimonczuk, Kennedy Parnell, & Ellie Holloway**. Drury University. Sponsored by Dr. Mary Utley. [2A4]

Incorporating a partner's love language as well as parenting style into a relationship has demonstrated the development of a healthy relationship through mutual understanding between partners (Bunt & Hazelwood, 2017). The main hypothesis for this study is that those with different love languages will perceive relationship scenarios differently. Data analysis is ongoing.

Session 2B

Room #1016

Moderator: Caitlin Powell – Thomas More University

9:40 AM to 9:52 AM View of Bisexuality: An Assessment of Negativity Surrounding Bisexuality From the LGBTQ+ and Heterosexual Communities. **Whitney Ford**. Lindenwood University.

Sponsored by Dr. Michiko Nohara-LeClair. [2B1]

This study was conducted to test the hypothesis that negative attitudes towards bisexual people (bi-negativity) exists within the LGBTQ+ and heterosexual communities and to determine if bi-negativity is higher in the LGBTQ+ group. The Gender-Based Attitudes Towards Bisexuality Scale (Nielsen et al., 2022) was used to measure bi-negativity via online survey. Results of this study will be presented.

9:55 AM to 10:07 AM The Relationship between Personality and Hawkish/Dovish Perspectives. **Mariah Sanders**. Anderson University. Sponsored by Dr. Laura Stull. [2B2]

The current study examined the connection between personality traits and hawkish/dovish attitudes. Students, faculty, and staff were surveyed and results were analyzed using correlations and t-tests. All hypotheses were not supported. However, findings may highlight commonalities that would facilitate conversations between people on opposite ends of the political scale.

10:10 AM to 10:22 AM Narcissism in Romantic Relationships. **Allen Johnson, Jr.**. Wabash College. Sponsored by Dr. Robert Horton. [2B3]

This project investigates how narcissism is related to respect in romantic relationships. Participants completed the PNI, the NPI, and measures of respect for and from their romantic partners in an online survey. I expect that individuals higher in narcissism will perceive more respect from their romantic partners but have lower levels of respect for their partners.

10:25 AM to 10:37 AM The Impact of Dissociative Simulation and Fantasizing on Empathy. **Sierra Crawford**. Thomas More University. Sponsored by Dr. Caitlin Powell. [2B4]

Participants were asked to take two questionnaires on dissociation, fantasy, and empathy levels and then either wait 30 seconds or undergo a brief simulation of dissociation, then take the same two questionnaires. Results are expected to indicate that the higher the dissociation and fantasizing levels, the higher the empathy levels. Data is still in collection.

Session 2C

Room #1003

Moderator: Aimee Mark – University of Southern Indiana

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- 9:40 AM to 9:52 AM** Risk-Taking Behaviors. **Anna Bartz & Kolby Estes.** Drury University. Sponsored by Dr. Mary Utley. [2C1]
- Childhood trauma and negative parenting styles are associated with risk-taking (Hoeve et al., 2008). We will examine the impact of childhood trauma and parenting style experienced on the likelihood of engaging in risk-taking using a 2x3 factorial design. It's hypothesized that college students who score higher in childhood trauma are more likely to engage in risk-taking. Data analysis is ongoing.
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- 9:55 AM to 10:07 AM** Taking a Step Back: Covid-19, Distance Estimation, and the Role of Fear. **Kayleen Mitchell & Alicia Van Duyn.** Ball State University. Sponsored by Dr. Daniele Nardi. [2C2]
- This study addressed the influence of COVID-19-related fear and distance perception in a real environment. We found that estimates of distance from oneself to a target person weren't affected by whether the target was masked/unmasked or indoor/outdoor. However, there was a significant underestimation of distance and participants reported greater fear with an unmasked target person and when indoor.
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- 10:10 AM to 10:22 AM** Gender Stereotypes: Expectancy of Behaviors. **Kaitlyn Yurchiak.** University of Southern Indiana. Sponsored by Dr. Julie Eyink. [2C3]
- Stereotyping is constantly around us and it is hard to change especially when it comes to the type of work that one wants to work in. Students who view gender-stereotypical behaviors in a job will assign a higher performance rating to those who have a nonstereotypical gender behavior in a job. We are still conducting our results but have not found significant results.
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- 10:25 AM to 10:37 AM** Effects of Glucose on Deliberation and Sunk-Costs. **Caleb McCarty & Josh Warmick.** Wabash College. Sponsored by Dr. Neil Schmitzer-Torbert. [2C4]
- Our study investigates the effects of glucose on decision-making in humans. We used a foraging task to measure (the Movie Row) to measure sunk cost bias and deliberation and the Monetary Choice Questionnaire to measure impulsivity. Participants consumed a glucose or placebo drink, and we expect glucose will facilitate deliberation.

Session 2D

Room #1004

Moderator: Jeff Stowell – Eastern Illinois University

9:40 AM to 9:52 AM	Assessing Athletic-Enhancing Behavior. Issac Salinas . Wabash College. Sponsored by Dr. Robert Horton. [2D1]
9:55 AM to 10:07 AM	This project investigates how the theory of planned behavior helps us understand choices to use performance-enhancing substances. College-aged participants completed online assessments of intention, perceived behavioral control, and experience using performance-enhancing foods, drinks, and banned substances. We expected intention to be a better predictor of behavior when perceived control is high.
10:10 AM to 10:22 AM	Impact of Covid-Distributions & Mindset on Teacher & Student Efficacy. Julianna Hagen . Marian University. Sponsored by Dr. Amanda Egan. [2D2] Teachers & students dealt with varying degrees of disruption to their teaching/learning during Covid. The current study investigated the impact of these disruptions on self-efficacy & whether the impact depended on respondents' mindset (fixed vs. growth) or whether participants were primed to recall Covid disruptions prior to responding to the efficacy measures.
10:25 AM to 10:37 AM	The Role of Age During Traumatic Experiences in Autobiographical Memory and Emotion Regulation. Riley Ampt . Anderson University. Sponsored by Dr. Laura Stull. [2D3] The purpose of this study is to examine whether the age at which a person experiences traumatic events plays a significant role in cognitive functioning, specifically maladaptive emotion regulation strategies and autobiographical memory. Findings include moderate negative correlations between age of sexual abuse childhood experiences and maladaptive emotion regulation.
10:25 AM to 10:37 AM	The Effect of One's Mortality on Their Meaning of Life. Chloe McEuen . Eastern Illinois University. Sponsored by Dr. Jeffrey Stowell. [2D4] People do not like thinking about their mortality but when they do, it may cause them to reflect on their meaning of life. We are conducting a study to investigate the relationship between thinking about death and the meaning of one's life while also taking one's anxiety and depression into consideration. Results are currently being analyzed.

Session 3A

Room #1015

Moderator: Kristina Todorovic – University of Southern Indiana

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- 10:50 AM to 11:02 AM** Borderline Personality Disorder Diagnosis Increases Perceptions of Friendship Quality. **Gabrielle A. Lopez & Christina M. Smith.** University of Southern Indiana. Sponsored by Dr. Kristina Todorovic. [3A1]
- We investigated if friendship quality differed when a diagnosis of borderline personality disorder (BPD) is present. Participants read a friendship scenario where a BPD diagnosis was present or absent then completed a survey about the friendship quality. Participants rated the friendship quality higher when a BPD diagnosis was present compared to when not provided any diagnostic information.
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- 11:05 AM to 11:17 AM** Self-Control and Technology Use. **Harley Cowart.** Anderson University. Sponsored by Dr. Laura Stull. [3A2]
- This study looked at self-control, technology, and authority figures. Hypotheses examined whether location of technology, the type of authority figure, and nomophobia were related to both accessing technology and temptation to access technology. Overall, undergraduate students complied with all authority instructions regardless of technology location.
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- 11:20 AM to 11:32 AM** Perceptions of Sleep and Masculinity Among Male College Students. **Zachariah Alvarado.** Wabash College. Sponsored by Dr. Emily Abel. [3A3]
- This study addressed relations between sleep and masculinity at an all-male college. Measures included the Pittsburgh Sleep Quality Index, the Masculinity Contingency Scale, the Male Role Norms Scale, and vignettes. We hypothesize that higher endorsements of traditional male gender norms will be associated with less sleep, and that students will perceive those who sleep less as more masculine.
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- 11:35 AM to 11:47 AM** The Effects of Imagery Intervention. **Ashley Casarrubias Rios.** Thomas More University. Sponsored by Dr. Caitlin Powell. [3A4]
- Participants' loneliness and paranoia were measured before and after a positive or negative imagery intervention. Imagery intervention had a significant impact on both loneliness and paranoia between T1 and T2, where, interestingly, positive imagery increased loneliness and paranoia. Participants who'd been quarantined recently also reported more paranoia.

Session 3B

Room #1016

Moderator: Robert Horton – Wabash College

10:50 AM to 11:02 AM Exploring the Limits of the Underdog Effect in Charitable Giving. **Tim Neu.** Wabash College. Sponsored by Dr. Robert Horton. [3B1]

This study extends the work of Saito and Colleagues on charitable giving and the underdog effect. This effect suggests that people will deviate from the majority choice among two charitable projects to help the less “popular” choice. We believe that prior knowledge regarding the projects will undermine the underdog effect and make participants more confident in their initial decision.

11:05 AM to 11:17 AM Perceived Dangerousness of Criminal Suspects Diagnosed with a Mental Illness. **Lauren Hedman.** Eastern Illinois University. Sponsored by Dr. Caridad Brito. [3B2]

This study focuses on how mental illnesses like alcohol use disorder and schizophrenia compare to each other in terms of the perceived dangerousness of criminal suspects who have committed a misdemeanor and are diagnosed with one of these disorders. Other factors like commonality of the mental illness and the portrayal of the illness in the media will be considered.

11:20 AM to 11:32 AM Physical Activity and Quality of Sleep in Down Syndrome. **Ashtyn Garver.** Anderson University. Sponsored by Dr. Laura Stull. [3B3]

This study seeks to examine the relationship between physical activity and quality of sleep in adults with down syndrome. It was hypothesized that higher levels of physical activity would predict better quality of sleep. Further research with a larger sample is advised in order to draw conclusions more applicable to the population.

11:35 AM to 11:47 AM The Effect of Different Stimulation Durations in the Central Amygdala on Regulating Rats’ Incentive Motivation. **Hadi Elmenini & Yan Xiong.** University of Michigan. Sponsored by Dr. Kent Berridge. [3B4]

The incentive motivation towards a reward, which can be amplified by activating the CeA, may be dependent on the activation duration. To verify this hypothesis, we measured rats’ motivation during two choice sucrose experiments under stimulation durations of 2s, 4s, and 8s and found that 4s and 8s stimulation duration significantly increases incentive motivation towards reward, while 2s does not.

Session 3C

Room #1003

Moderator: Amanda Egan – Marian University

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- 10:50 AM to 11:02 AM** The Effect of Academic and Emotional Stressors on Collegiate Student Athletes with a History of Concussion. **Felicity McKee, Joey Casey, & Mia Henderson.** Drury University. Sponsored by Dr. Mary Utlely. [3C1]
- Post-concussive effects can range from inability to perform academically to behavioral deficits (O'Neill et al., 2017). We are exploring how stress may affect response times in athletes with a history of concussion. Our hypothesis is that student athletes with a history of concussion will perform worse on a response time task after experiencing an academic or emotional stressor than controls.
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- 11:05 AM to 11:17 AM** Investigating the Relationship Between Thinking Style and Conspiracy Ideation Through Cognitive Load. **Filippo DeFrenza.** Wabash College. Sponsored by Dr. Preston Bost. [3C2]
- There has been an emergence of a relationship between thinking styles and the level of conspiracy ideation in individuals in many societies, but there is littler understanding what may be bringing this relationship to light. This study examined the link between working memory capacity and thinking style and its predictability of conspiracy ideation.
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- 11:20 AM to 11:32 AM** The Double Empathy Problem: Establishing Convergent Validity. **Jillian Walker & Caleb Cunningham.** University of Southern Indiana. Sponsored by Dr. Zachary Pilot. [3C3]
- The Double Empathy Problem critiques the modern Theory of Mind paradigm for its lack of examination of peoples' ability to understand and predict the mental states of autistic targets. This study uses vignettes of autistic experiences to empirically test the Double Empathy Problem.
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- 11:35 AM to 11:47 AM** The Effects of Mindfulness on Student Athletes Depression, Anxiety, and Stress. **Faith Muterspaugh.** Anderson University. Sponsored by Dr. Laura Stull. [3C4]
- College student athletes need methods to improve their mental health. The purpose of this study was to whether mindfulness would improve athlete's mental health. Depression, anxiety, and stress levels were measured before and after mindfulness interventions. No differences were found. Further research is needed to look at a larger, more diverse group of student athletes.

Session 3D

Room #1004

Moderator: Julie Eyink—University of Southern Indiana

10:50 AM to 11:02 AM Preferences In Instructional Methods Among Students With and Students Without Disabilities. **Emma Blake.** Thomas More University. Sponsored by Dr. Lawrence Boehm. [3D1]

Do students with disabilities and students without disabilities have similar preferences in learning methods? If so, then, using these preferences, a conceptual instructional method may be developed. This is of consideration for students with disabilities who do not receive accommodations but find picking up material challenging. Preferences of both groups, collected via survey, will be reported.

11:05 AM to 11:17 AM Impact of Structured Breathing Exercise and Lineup Format on Accuracy of Eyewitness Identification. **Elizabeth Shell, Rose Huckfeldt, Trenton Van Horn, & Chloe Reed.** Drury University. Sponsored by Dr. Callie Gibson. [3D2]

This study aims to explore the relationship between stress and accuracy of eyewitness identification when witnessing a crime. Crime footage was shown and a photo array lineup procedure was conducted with participants. We hypothesize that accuracy of identification will increase with a breathing exercise and viewing the lineup multiple times. Data will be presented.

11:20 AM to 11:32 AM Lectures in the Classroom. **Caleb Cunningham, Rachel Strickland, & Vivian Meece.** University of Southern Indiana. Sponsored by Dr. Julie Eyink. [3D3]

This study examines the effect of instructor accent on perceived learning. Participants listen to a pre-recorded lecture by a non-native English speaker or a native English speaker. They then answer questions about the lecture and report the total number they think were answered correctly. The non-native speaker's group is hypothesized to report fewer correct answers. Data collection is ongoing.

11:35 AM to 11:47 AM Red:Green Cone Ratio Influence on the Perception of Blue and Yellow. **Zane Stout.** Wabash College. Sponsored by Dr. Karen Gunther. [3D4]

Gunther & Dobkins (2002) showed that red:green cone ratio affects perception of red and green. There is dispute, though, for how the red, green, and blue cones combine to allow the perception of blue and yellow. We hypothesize that some combinations predict a correlation between red:green cone ratio and sensitivity to blue and yellow, while others do not. Data collection and analysis are ongoing.

Posters

1:25 – 2:55 PM

[P01] Junk Mail: Political Ideology, Religious Beliefs, and Contextual Factors in Sending Dick (and Other) Pics. **Evie Sronce & Hayley Ferguson**. Indiana University Southeast. Sponsored by Dr. Aimee Adam.

This presentation is part of a larger project exploring the contextual factors involved with sending unsolicited sexual images. The current presentation is focused on ideology, religion, and other contextual factors associated with sending unsolicited explicit photos. At this time, the results are still being analyzed.

[P02] Darkness and Light: The Connection Between Personality and Conspiracy Beliefs. **Hannah Daugherty**. Eastern Kentucky University. Sponsored by Dr. Jerry Palmer.

Past research has shown connections between conspiracy belief systems and several types of personality traits, however no published studies have examined Conspiracy Beliefs and their connection to the Dark and Light Triads of personality. Our findings suggest that Dark Triad traits are consistent predictors of conspiracy beliefs, while light triad traits are not.

[P03] How Helicopter Parenting Affects Depression, Addiction, and Adjustment to College in College Students. **Shelby Jackson**. Eastern Illinois University. Sponsored by Dr. Jeffrey Stowell.

The purpose of the research was to analyze how helicopter parenting affects addiction, depression, and adjustment in college students. Participants completed online surveys measuring each of these factors. Results are pending.

[P04] Vertical Pre-saccadic Activity in Frontal Brain Areas: An ERP Study. **Alexus Bantom, Kamilla Kesto, Rozaleen Qaisar, & Bennett Addy**. University of Detroit Mercy. Sponsored by Dr. Harold Greene.

ERPs associated with the preparation of vertically directed saccades were identified. Differences in upper and Lower Visual Field processing were hypothesized because the LVF is more prone to distraction. A 3 Area (F3, Fz, F4) X 2 Saccade Cue (Up, Down) ANOVA on 13 RPs revealed a significant difference in Presaccadic amplitudes for up vs. down cues ($p < .01$). Implications are discussed.

[P05] Exploring the Relationship Between Coaching Immediacy Behaviors and Athlete Self-Talk. **Erin Oleksak**. Marian University. Sponsored by Dr. Jeff Kellogg.

This study examined the relationship between coaching immediacy and self-talk (ST). Athletes completed the Immediacy Scale about their coach and the Automatic Self-Talk Questionnaire for Sports. We found that coaching immediacy was related to both psych-up and instruction ST. It was a predictor of instructional ST but only marginally of psych-up ST. This was consistent with the hypothesis.

[P06] Predictors of Dissociation in Maltreated Youth. **Jaelin Isquith & Kinsey Ellis**. University of Nevada, Las Vegas. Sponsored by Dr. Christopher Kearney.

The present study aimed to evaluate the relationship between dissociation and emotional reactivity in maltreated youth. Participants included adolescents with a history of child maltreatment. A multiple regression analysis implicated emotional impairment as a significant predictor of dissociation. The results can be used by clinicians to gain a better understanding of predictors of dissociation.

Session 4A

Room #1015

Moderator: Preston Bost – Wabash College

2:00 PM to 2:12 PM	<p>Effects of Blue Light Stimulation on Sleep-Deprived Working Memory. Jesse Bryant. Wabash College. Sponsored by Dr. Karen Gunther. [4A1]</p> <p>Lack of sleep has been shown to decrease working memory, but blue light improves working memory. We examined the impact of blue light vs orange light on sleep-deprived subjects' working memory, measured via N-back tasks. No correlation was found between working memory and sleep (blue $r(5)=-0.35$, $p=0.44$; orange $r(5)=0.04$, $p=0.94$). Light color did not affect working memory ($t(12)=0.19$, $p=0.86$).</p>
2:15 PM to 2:27 PM	<p>Existential Threat and its Effect on Conspiracy Belief. Maxwell Kercheval. Wabash College. Sponsored by Dr. Preston Bost. [4A2]</p> <p>Although research has shown connections between existential threat and conspiracy belief, researchers have not explored the effects of different types of threat. In this study, three groups of participants viewed videos that induced feelings of no threat, personal-level threat, or societal-level threat and then completed a standardized measure of conspiracy beliefs.</p>
2:30 PM to 2:42 PM	<p>Susceptibility to Stress and Distraction Pertaining Academic Testing. Theo Edwards. Eastern Illinois University. Sponsored by Dr. Caridad Brito. [4A3]</p> <p>This study overall examines how susceptibility to stress, distraction, and previous experience with monitoring might impact task performance when video monitoring is perceived to be happening. It is hypothesized that individuals more susceptible to stress and distraction will perform worse on tasks but will be less affected with previous monitoring experience.</p>
2:45 PM to 2:57 PM	<p>First Impressions Matter: How Age Affects Perceived Competence. Shayna Franklin. University of Southern Indiana. Sponsored by Dr. Julie Eyink. [4A4]</p> <p>Forming a first impression happens within a split second of meeting someone new. We found that this field is explored in different contexts, but we wanted to evaluate whether age affected judgements of competence, specifically in a classroom setting. We h</p>
3:00 PM to 3:12 PM	<p>Empathy in Criminal Sentencing. Emily Armour. Drury University. Sponsored by Dr. Mary Utle. [4A5]</p> <p>Tsoudis (2002) studied undergraduate students who participated as mock jurors. They reported that the presence of empathy influenced the perceived identity of the criminal. Our study investigates the differences between empathy and criminal sentencing. We predict that people with higher levels of empathy will give the criminal a lower sentence. The data analysis is ongoing.</p>

Session 4B

Room #1016

Moderator: Callie Gibson – Drury University

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- 2:00 PM to 2:12 PM** Perceptions of Sexual Deviance Based on Gender. **Bridget Wilmes, Chantel Littrell, & Alma Abazi.** Drury University. Sponsored by Dr. Callie Gibson. [4B1]
- Sexual deviance is a complex and multifaceted phenomenon that has been the subject of intense study and debate. While there is widespread recognition that some forms of sexual behavior are harmful and pathological, there is also growing recognition that many forms of sexual deviance are normal and relatively common in the population. The results of this study are coming soon.
-
- 2:15 PM to 2:27 PM** Accent and Noise: The Effects on Prosocial Behavior. **Lauren LaFever & Jillian Walker.** University of Southern Indiana. Sponsored by Dr. Zachary Pilot. [4B2]
- The current study conducted a novel test of the bystander effect and in-group preferences on prosocial behavior measured by responses to accented auditory vignettes with differing amounts of crowd noise. Participants reported significantly more willingness to engage in prosocial behaviors when crowd noise was present when controlling for ethnocultural empathy, contrary to predictions.
-
- 2:30 PM to 2:42 PM** The Role of Facial Characteristics on Romantic and Sexual Preferences. **Yennefer Trevino-Heun.** Thomas More University. Sponsored by Dr. Caitlin Powell. [4B3]
- Participants from Thomas More University were asked a series of questions based on a person's facial characteristics. Results indicated that people did not find androgynous females attractive and suitable for either long-term or short-term relationships. It was also established that masculine men were mostly desired for short-term relationships.
-
- 2:45 PM to 2:57 PM** Microaggressions in Doctor-patient Relationships. **Jack Baumgart, Elle Clonts, & Mads Friske.** Drury University. Sponsored by Dr. Callie Gibson. [4B4]
- The present study examined the impact of microaggressions in healthcare. Physician review pages were manipulated. We hypothesized reading reviews suggesting microaggressive physician behavior would reduce participants' willingness to see physicians, and that demographic concordance would increase receptiveness to physicians, especially for minority groups. Results will be presented.
-
- 3:00 PM to 3:12 PM** A Pilot Study of Audio-based Interventions to Improve Sleep Onset Latency Among College Students. **Nate Burnside.** Wabash College. Sponsored by Dr. Emily Abel. [4B5]
- This research explores the "Sleep with Me" podcast as an intervention for improving sleep onset latency among college students. Objective and subjective measures of sleep were assessed using actigraphy and sleep diaries during a baseline (no podcast) and intervention phase. We hypothesize that, compared to baseline, sleep onset latency will be lower on average during the intervention phase.

Session 4C

Room #1003

Moderator: Laura Stull – Anderson University

2:00 PM to 2:12 PM Tempo Effects on Music-Dependent Memory in Children and Adults. **Maddie McVey.** Anderson University. Sponsored by Dr. Laura Stull & Dr. Janell Blunt. [4C1]

There is a need for further research on melody within context dependent memory. This experiment examined tempo within context dependent memory in both adults and children with a word list and recall. No significant difference in context on recall proportions was found. A significant difference between adult's and children's proportion of recall scores was shown through a two-way ANOVA analysis.

2:15 PM to 2:27 PM Poor Customer Service: How Gender and Appearance Play a Role in Customers Empathy. **Chloe Durham, Kiara M. Miller, Raigan R. Harper-Bixenmann, & Summer McIntyre.** University of Southern Indiana. Sponsored by Dr. Kristina Todorovic. [4C2]

We examined if worker gender and appearance impact customers empathy upon receiving poor service. Participants read a poor customer service scenario and saw either a male or female worker who was clean or dirty then completed a survey about their empathic concern and perspective taking. Participants empathy did not differ depending on the gender or appearance of the worker.

2:30 PM to 2:42 PM How Sexual Arousal and Verbal vs. Visual Cues Influence Sexual Disgust Sensitivity in Men and Women. **Anthony Segó.** Indiana University Southeast. Sponsored by Dr. Aimee Adam. [4C3]

Previous research showed that sexual arousal reduced sexual disgust but raised pathogen disgust for women but not men. Men tended to have very low levels of disgust sensitivity, but this may be due to the type of stimuli used (verbal descriptions). Visual cues were examined since men and women perceive visual and verbal stimuli differently. Data collection is complete, and analysis is underway.

2:45 PM to 2:57 PM Sexual Assault and the Bystander Effect. **Miranda Stouffer.** Thomas More University. Sponsored by Dr. Caitlin Powell. [4C4]

Participants were given a scenario of sexual assault and were asked to imagine if they were either friends with the perpetrator, the victim, or both. Results indicated that the people who were asked to imagine they were friends with the perpetrator were less likely to tell others, and were less likely to blame the victim's alcohol use. There were no gender differences.

3:00 PM to 3:12 PM Social Support as a Predictor of Food Addiction in Undergraduate Students. **Faith Bibby.** Anderson University. Sponsored by Dr. Laura Stull. [4C5]

This study examined if social support is a significant predictor of food addiction in undergraduate students. A positive correlation was found between social support from friends and food addiction. Negative correlations were found between both social support from family and food addiction, and between social support from a significant other and food addiction.



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