

# 43<sup>rd</sup> Annual Mid-America Undergraduate Psychology Research Conference

(MAUPRC)

Saturday, April 13, 2024



#### **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**

All events of the MAUPRC conference are held in the L.A. Pittenger Student Center (2000 West University Avenue, Muncie, IN 47306).

Check-in, breakfast, snacks, lunch, and keynote address will be in Cardinal Hall (room 219) at the 2nd floor.

Talks will be in Rooms #302, 303, 305, and 306. Posters will be in Room #301.



THIRD FLOOR

# **Conference Schedule**

$\Rightarrow$	7:30 - 8:30	Check-in   Registration   Continental Breakfast		
<b>3</b>	8:30 - 9:45	Session 1		
<b>-</b>	9:45 – 9:55	Break		
<b>=</b>	9:55–11:10	Session 2		
<b>-</b>	11:10 – 11:20	Break		
<b>=</b>	11:20 – 12:35	Session 3		
$\supset$	12:35 – 12:45	Break		
<b>\(\begin{array}{c}  \\ \t</b>	12:45 – 2:00	Lunch   Welcome   Keynote Address:		
		Dr. Gerardo Ramirez, Associate Professor		
		Department of Educational Psychology, Ball State University		
		"Alchemy of the Mind: How to cultivate a healthy ego to make		
		sense of contradiction in your academic journey"		
<b>-</b>	2:00 – 2:10	Break		
<b>3</b>	2:10 – 2:40	Posters		
<b>-</b>	2:40 - 2:45	Break		
<b>=</b>	2:45 – 3:45	Session 4		
<b>=</b>	3:45 - 4:00	Closing Business   Wrap Up		

# **General Information**

Each paper presentation is identified in the program with a 3 character code.
 "4C3" refers to the 4<sup>th</sup> Session, in room C, the 3<sup>rd</sup> paper.
 "P02" refers to the 2<sup>nd</sup> poster, in room P—a LA hallway.

Session Room Code	Rooms
A	#302
В	#303
С	#305
D	#306
P	#301

## Wireless Internet & Social Media

You may use the "bsuguest" network

# Download the MAUPRC 2024 mobile app!

To see the general conference schedule, be able to view/share discussions and media, and connect with other conference members during the conference, please install the "Spaces" by Wix app.

Follow the instructions on the www.MAUPRC.org website

The 2024 MAUPRC very much appreciates the support of the following folks at BSU:

**College of Science and Humanities** 

Office of the Vice Provost for Research

and the Department of Psychological Science

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 #302

**Moderator**: Sid Hall – University of Southern Indiana

8:30 AM to 8:42 AM Investigating a Correlation Between Collective Narcissism and Political Conservatism.

Alfredo Mar. Wabash College. Sponsored by Dr. Bobby Horton. [1A1]

Previous research has linked collective narcissism to political conservatism and various negative attitudes. This study took it a step further by linking collective narcissism to three subtypes of political conservatism. Data are correlational and were collected through a survey. We predict that as collective narcissism increases, all three types of political conservatism will increase as well.

8:45 AM to 8:57 AM Animacy Effects on Memory Within Children and Adults. **Maddie McVey**. Anderson University. Sponsored by Dr. Janell Blunt. [1A2]

Animacy's effect on children and adult's memories will be examined. This betweensubjects design will consist of a word list and a recall task. We aim to gain an understanding of how animacy develops in children. Results to be analyzed and discussed.

9:00 AM to 9:12 AM Education as a Factor that Influences Attitudes Toward Alcohol Consumption in College Students. **Doss Nation, Kiley Young, & Jolie McClellan**. Drury University. Sponsored by Dr. Mary Utley. [1A3]

This study aims to examine educational factors in alcohol consumption. We randomly assigned participants to narrative, information, and no education. We hypothesize that a narrative will have more impact on alcohol attitude than facts and the control. We also hypothesize that family history will have a significant impact on students' attitudes toward drinking alcohol. Data analysis is ongoing.

9:15 AM to 9:27 AM Perceptions of College Students. **Mariah Hief & Kyla Tarr**. University of Southern Indiana. Sponsored by Dr. Julie Eyink. [1A4]

The stigma surrounding anxiety treatment has far reaching consequences for many people. Our study explores how this stigma affects students in college classes. Participants read a profile of another student with anxiety who was either receiving treatment, no treatment, or didn't disclose treatment information. Afterwards, they rated their willingness to interact with the described student.

9:30 AM to 9:42 AM Reading Habits and Academic Performance: A Comparison of STEM and Non-STEM Majors. **Haven Wolfe, Courtney Rich, Halle Hudson, & Abigail Thomas**. Huntington University. Sponsored by Dr. Rebekah Benjamin. [1A5]

We investigated how recreational reading habits differ between STEM and non-STEM majors and their impact on academic performance. Our hypothesis was that STEM majors read more and perform better academically. Participants completed a survey on reading habits and academic performance. Results will be discussed.

#### **Session 1B**

Room #303

**Moderator**: Jamie Bromley – Franklin

8:30 AM to The Relationship Between Parental Identity, Barriers, and Stress for Survivors of Sexual and Violent Exploitation. **Alexia Barrett**. Anderson University. Sponsored by Dr. Laura Stull.

**8:42 AM** [1B1]

The parenting experiences of survivors of sexual and violent exploitation is lacking research. The purpose of this study is to look into how stressors and external barriers affect the parental identity of survivors of sexual and violent exploitation and examine how that differs from a control group of parents. Results will be analyzed and discussed.

8:45 AM to 8:57 AM Stereotype Threat Effects on Student-Athletes. **Ahmoni Jones**. Wabash College. Sponsored by Dr. Bobby Horton. [1B2]

This project investigates whether stereotype threat affects athletes' academic performance. Student-Athletes from division 3 institutions were primed with their student identity, athletic identity, or no identity then completed math problems lifted from the GRE. We expected that athletes primed with their athletic identity would perform less well than those primed with students or no identity.

9:00 AM to 9:12 AM Effects of Substance Abuse Stigma on Perceived Trustworthiness. **Mia Martin, Alexis Carmack, & Amanda Hammond**. University of Southern Indiana. Sponsored by Dr. Julie Eyink. [1B3]

There is a substantial stigma surrounding people who have suffered from substance abuse. This study addresses how this stigma affects candidates during the hiring process. To test this, participants reviewed a resume and interview questions from candidates with differing levels of vocalization about past substance abuse before rating the perceived trustworthiness of the candidate.

9:15 AM to 9:27 AM Beyond The Rainbow. **Serenity Sosa, Ben Fiske, & Colton Hazelwood**. Drury University. Sponsored by Dr. Callie Gibson. [1B4]

Research suggests that being a part of an LGBTQIA+ couple impacts perceptions of domestic violence. This study aims to examine college student perspectives surrounding LGBTQIA+ couples and the perception of emotional intimate partner violence severity compared to other-sex couples. Participants read vignettes and answered questions. Results will be presented.

9:30 AM to 9:42 AM Don't Do It: The Negative Effects of Multitasking. **Amber Dawson, Skylar Weber, Christina Black, & Holidey Stephenson**. Franklin College. Sponsored by Dr. Jamie Bromley. [1B5]

This research aimed to teach participants about the negative effects of multitasking with a training video and hypothesized those who viewed the training would multitask less while completing a math task. All were instructed to complete the task while a distraction video played. Data will be analyzed with a t-test. Limitations will be discussed.

#### **Session 1C**

Room #305

**Moderator**: Larry Boehm – Thomas More University

8:30 AM to Interpreting the Interpretations of the Self. **Meghan Kirkpatrick**. Ball State University. Sponsored by Dr. Thomas Holtgraves. [1C1]

8:42 AM

Humans seek self-verification of their personality. This can occur through measures like self-reports of personality. Participants took a 60-question personality test where their results were randomized to either be presented in narrative or numerical format. They were then asked to evaluate how they feel about those results. One of four hypotheses supported that narrative results were preferred.

8:45 AM to 8:57 AM Breathe In and Tune Out. **Laura Jetter**. Thomas More University. Sponsored by Dr. Lawrence Boehm. [1C2]

This experiment focused on which method works best to reduce stress and anxiety levels: mindfulness mediation or listening to music. Results showed that music and mindfulness mediation do reduce stress and anxiety levels and there was a trend suggesting that mindfulness is more effective, but still showed no significance. Since there were low sample sizes, more research is going to be conducted.

9:00 AM to 9:12 AM How Cultural Orientation relates to susceptibility to the Sunk Cost Fallacy. **Brett Driscoll**. Wabash College. Sponsored by Dr. Bobby Horton. [1C3]

This study explores the link between cultural orientation and the sunk cost fallacy. College students completed standardized assessments of individualism/collectivism and vulnerability to the sunk cost fallacy. We hypothesize that (a) individualism will be positively associated with sunk cost vulnerability but (b) collectivism will be negatively associated with such vulnerability.

9:15 AM to 9:27 AM Incarceration During the Reminiscence Bump as a Predictor of Future Recidivism. **Audrey O'Neal**. Anderson University. Sponsored by Dr. Laura Stull. [1C4]

The purpose of this study is to determine whether recidivism can be predicted from incarceration during the reminiscence bump, a time from ages 10-30. I hypothesize that recidivism rates will be highest for incarceration at ages the reminiscence bump shows greatest memory recall. While data display a curve approximating the reminiscence bump, a significant non-linear relationship was not found.

9:30 AM to 9:42 AM Influence of Perceived Authority on Compliance. **Jenna Peterson, Tara Simon, Mia Pelletier, & Zacary Barbee**. Drury University. Sponsored by Dr. Callie Gibson. [1C5]

Compliance is part of everyday life. The current study examines the effects of the situation on likelihood of compliance. Participants completed various tasks while researchers manipulated perceived authority through attire, language, and environment. It was hypothesized that greater authority representation would induce more compliance. Results will be presented.

#### **Session 1D**

Room #306

**Moderator**: Karen Gunther – Wabash

8:30 AM to Experienced and Planned Parenting. **Rylan DeHaven**. Drury University. Sponsored by Dr. Callie Gibson. [1D1]

8:42 AM

Diana Baumrind characterized four parenting styles. The study will investigate the relationship between experienced parenting and how participants plan to parent in the future based on the parenting style of their parents. Participants will answer questions on an online survey and read a short story based on the parenting they experienced by their primary parent. Results will be presented.

8:45 AM to 8:57 AM Effects of Different Types of Praise on Persistence in Undergraduates. **Sydni Ausberry**, **Seol Kang, & Audra Smith**. Huntington University. Sponsored by Dr. Rebekah Benjamin. [1D2]

Researchers hypothesized that process praise would result in more persistence on a task than person praise, and this would be more evident in a face-to-face setting versus online. We tested our hypotheses using a puzzle task. Results will be discussed.

9:00 AM to 9:12 AM Beyond Yes or No: Gendered Perspectives on Consent. **Emma DeVault**. Ball State University. Sponsored by Dr. Thomas Holtgraves. [1D3]

Over half of women and one in three men have experienced sexual violence (CDC, 2022). Consent for sexual behavior plays a part in whether a behavior is perceived as wanted or unwanted. In this study, participants read a short story about Brad and Ana who meet at a bar and engage in sexual activity. The participants were then asked to rate their perception of the consent.

9:15 AM to 9:27 AM How Father-Son Attachment Influences Future Relationships. **Devin Burris**. Wabash College. Sponsored by Dr. Karen Gunther. [1D4]

How father-child attachment impacts a child's future attachment in romantic relationships was studied. There has been minimal research studying the impacts of fathers' attachment due to the mother usually being the primary caregiver. Unfortunately, with 10 subjects, the correlation between avoidant and anxious behaviors with their father and behaviors with a romantic partner was not significant.

9:30 AM to 9:42 AM Socioeconomic Background and Response to Social Conflict. **Ben Florencio**. Anderson University. Sponsored by Dr. Laura Stull. [1D5]

The purpose of this study is to examine socioeconomic background as a cultural factor of an individual's response to situations of social conflict. The findings show that socioeconomic background can be an indicating cultural factor for response to conflict and showed a negative relationship with scores of aggressive response as well as competency.

#### **Session 2A**

Room #302

**Moderator**: Urska Dobersek – University of Southern Indiana

#### 9:55 AM to

The Effect of Social Media Images on Body Image in College Students. **Cameron Shaver**. Anderson University. Sponsored by Dr. Laura Stull. [2A1]

10:07 AM

Poor body image is a major problem in the lives of young adults today and the extent to which social media impacts body image is important to consider. The purpose of this experiment was to examine the effects of different types of social media pictures on body image. Results will be analyzed and discussed.

#### 10:10 AM to

10:22 AM

The Phenomenon of Yellow. **Joshua Manfred**. Wabash College. Sponsored by Dr. Karen Gunther. [2A2]

Previous research from our lab found that people paired yellow and white with higher pitches. We investigated what participants would pair higher and lower pitches with given the options of yellow, white, green, and orange. With 14 male participants, our results showed that yellow was paired with low pitches in all color conditions. This is very different from what previous research has found.

#### 10:25 AM to

10:37 AM

Geographic Upbringing's Impact on Perceived Effectiveness of Anxiety Treatments.

Nicholas Purdy & Tyler Robinson. University of Southern Indiana. Sponsored by Dr. Laurel Standiford Reyes & Dr. Julie Eyink. [2A3]

Due to increasing rates of anxiety, determining optimal treatment modality is crucial. We surveyed students from a midsize midwestern university regarding their attitudes towards anxiety treatments. We aim to analyze how geographic upbringing impacts perceived effectiveness of various types of anxiety treatments.

#### 10:40 AM to 10:52 AM

Influence of Positive Music on Prosocial Behavior. **Carson Brinkman, Spencer Wright, & Jalen Brown**. Franklin College. Sponsored by Dr. Jamie Bromley. [2A4]

Prosocial songs influence emotions, empathy, and actions. This experiment investigated if prosocial songs increase helping behavior. The participants worked on a 100-piece puzzle within 5-minutes while background music played. Afterward, the confederate dropped the puzzle pieces to see if they would help pick the pieces up. Data will be analyzed with t-tests, and limitations will be discussed.

#### 10:55 AM to 11:07 AM

The Coachability of Coaches. **Mat Sarabyn**. Marian University. Sponsored by Dr. Jeff Kellogg. [2A5]

This study examines how receptive coaches in athletics may be to receiving coaching instruction from head coaches they work under or coaching mentors. Big 5 personality and Dark Triad traits were connected to coachability and coaching success. Early findings indicate a positive correlation between coachability and agreeableness and negative correlation between coachability and Machiavellianism.

#### **Session 2B**

Room #303

**Moderator**: Jeff Stowell – Eastern Illinois University

9:55 AM to "Do You Owe Me?": An Extension of Basow and Minieri. **Anna Bartz**. Drury University. Sponsored by Dr. Jennifer Silva Brown. [2B1]

10:07 AM

Basow & Minieri (2011) found that rape myth beliefs and date factors (cost/who paid) are linked to sexual expectations and attributions of blame within heterosexual assault scenarios. This study expands Basow & Mineri by adding same-sex couple date scenarios. It's predicted that rape myth beliefs will correlate with responsibility, but this may vary by couple orientation. Data analysis is ongoing.

10:10 AM to 10:22 AM Relationships Between Autistic Traits and Consensual Nonmonogamy. **Gabriel Del Greco**. Ball State University. Sponsored by Dr. George Gaither. [2B2]

The purpose of this study is to further prior research I did on consensual nonmonogamy (CNM) and autism. Using self-reported measures, the AQ-10, CNM Scales, and the Sexual Relationship Scale, I hypothesize that autistic traits will be correlated with CNM. Results indicate no differences on those with and without autism and CNM, and correlations between autism traits and CNM were not significant.

10:25 AM to 10:37 AM Rod Input to Color Vision: Blue/Yellow Pathways. **Nathaniel Staley**. Wabash College. Sponsored by Dr. Karen Gunther. [2B3]

Contrary to the notion that cones solely underlie color vision, rods also play a role. Under rod conditions, we hypothesized more rod input to the blue pathway compared to the yellow. Subject performance would be better for blue, implying that they detect blue at a lower contrast. We found that yellow was detected at a lower contrast than blue for rod conditions, but not for cone conditions.

10:40 AM to 10:52 AM Mindfulness Exercises Effect on Flow State and Attention Achievement in Athletics. **Sarah Gorman**. Marian University. Sponsored by Dr. Jeff Kellogg. [2B4]

This study focused on the psychological impact of mindfulness exercises on flow state achievement. Initial attentional state was measuring using the Mean Attentional Awareness Scale. Following a mindfulness exercise intervention, we used the Flow State Scale. We predicted that acute intervention to mindfulness exercises would produce significant differences in achievement of flow state scores.

10:55 AM to 11:07 AM The Deleterious Effects of Anxiety Stigma in College Students. **Trenton Goffinet & Caden Porter**. University of Southern Indiana. Sponsored by Dr. Laurel Standiford Reyes & Dr. Julie Eyink. [2B5]

Stigma around anxiety diagnoses can be harmful. Our survey investigates anxiety stigma among college students at a midsize midwestern university. We plan to examine how gender and geographic area affect levels of reported stigma.

#### **Session 2C**

Room #305

**Moderator**: Aimee Mark – University of Southern Indiana

#### 9:55 AM to 10:07 AM

TikTok or Instagram? The Impact of Social Media Platforms and Influencers on Buying Behavior. **Delaney McCafferty, Kayla Nance, & Sydnee Weintraut**. Franklin College. Sponsored by Dr. Jamie Bromley. [2C1]

This study investigated how social media influencer advertisements affected consumer buying behavior, self-esteem, and belongingness on TikTok or Instagram. Participants were randomly assigned to one of the two social media platforms to view an influencer profile ad product video. An initial analysis showed no significant difference between the two groups. Limitations will be discussed.

#### 10:10 AM to 10:22 AM

What Color Should Students Write Notes In? **Makenzie Schimming**. Thomas More University. Sponsored by Dr. Lawrence Boehm. [2C2]

This research was conducted to determine if certain colors stick in our memory more than others. Green, blue, red, and black were tested for both Long-Term and Short-Term Memory. Tests found that red was remembered significantly less than the other colors in Short-Term Memory. The Long-Term Memory test found no significant results. However, red had the highest score in this section.

#### 10:25 AM to 10:37 AM

The Impact of Rejection Sensitivity and Relationship Status on Degree of Goal Change. **Carly Frakes**. Anderson University. Sponsored by Dr. Laura Stull. [2C3]

This study examined the relationship between rejection sensitivity (RS) and goal change over time. Findings conclude no significant relationship between RS, change in goal importance, and partner goal conflict. An unexpected significant difference was found based on relationship status, with RS scores higher for those who were single versus dating.

#### 10:40 AM to 10:52 AM

Conspiracy Theories and Negativity Bias in Social Media. **Edreece Redmond II**. Wabash College. Sponsored by Dr. Preston Bost. [2C4]

This study investigates how the emotional valence of language influences the believability of conspiracy claims presented on social media. Participants rated six different conspiracy theories shown in the form of tweets that were manipulated on negativity or positivity. We predict that participants will show greater belief in conspiracy theories that use more negative phrasing.

#### 10:55 AM to 11:07 AM

The Relationship Between Managerial Status, Job Satisfaction, and Voice Power Among Firefighters. **Carlie Merriweather**. Ball State University. Sponsored by Dr. Katie Lawson. [2C5]

This archival study on survey data previously collected during a Ball State immersive learning course examined the associations between the variables of managerial status, job satisfaction, and feeling that one's voice makes a difference within a Midwestern fire department. Independent samples t-tests and regression analyses were conducted. Results supported two of the four hypotheses.

#### **Session 2D**

Room #306

**Moderator**: Sri Dandotkar – University of Southern Indiana

#### 9:55 AM to

Does spatial anxiety and working memory play a role in spatial reorientation? **Christian Jenkins, Caroline Erny, Jack Gill, & Ian McBeath**. Ball State University. Sponsored by Dr.

**10:07 AM** Dan Nardi. [2D1]

Do spatial anxiety and WM influence how people navigate? We tested 74 participants in a real-world, spatial reorientation task using nonvisual, proprioceptive information. We found that higher levels of spatial anxiety were related to worse performance, and higher levels of WM to better performance. Our results suggest that higher anxiety might lead to issues navigating and succeeding in STEM.

#### 10:10 AM to 10:22 AM

Religiosity and Academic Attitudes. **Kaleb Ketchum, Cristian Rodriguez, Brian Brinneman, & Joya Drenth**. Huntington University. Sponsored by Dr. Rebekah Benjamin. [2D2]

Research has shown that religiosity can influence academic outcomes. The researchers sought to determine if students' intrinsic religiosity is a moderator in the relationship between religious behavior and academic attitudes using data from a self-report survey completed by undergraduate students. Results will be discussed.

#### 10:25 AM to 10:37 AM

Examining the Effects of Various Music Types on Test Anxiety and Performance. **Alexis Mann & Erica Batson**. Drury University. Sponsored by Dr. Mary E Utley. [2D3]

This study measures the effects of various music types on test anxiety (TA) and performance. The researchers hypothesize that students listening to calming music will perform better on a sample ACT test and show lower TA than students listening to stimulatory music, and both music types will result in lower TA and better performance than control. Using a mixed design, data analysis is ongoing.

#### 10:40 AM to

10:52 AM

Beyond The Label: Examining the impact of the Hispanic Serving Institution (HSI) designation on Hispanic students. **Denisse Aguilar**. Goshen College. Sponsored by Brianne Brenneman. [2D4]

This study investigated the impact of a Hispanic-Serving Institution designation on institution in the U.S from 2011-2020. It was found that HSIs have higher rates of Hispanic: enrollment, faculty, and graduation. This study suggests the HSI designation does not positively impact Hispanic students' substantially greater than institutions without the designation.

#### 10:55 AM to 11:07 AM

The Use of Virtual Role Playing Games in Reducing Harmful Racial Bias. **Hayden Kammer**. Wabash College. Sponsored by Dr. Preston Bost. [2D5]

The purpose of this study is to measure the effects that playing a virtual game of Dungeons and Dragons has on reducing harmful out-group biases. Subjects were split up into 3 groups of 6- a game with social justice themes, a social cooperative game, or a competitive game. Data collection is ongoing, but current results predict that the social justice group has lower levels of out-group biases.

#### **Session 3A**

Room #302

**Moderator**: Jeff Stowell – Eastern Illinois University

11:20 AM to

11:32 AM

"My Team Would Never": An examination of sports fans' team identification and perceived threat on conspiracy belief. **Joseph Styers**. Wabash College. Sponsored by Dr. Preston Bost. [3A1]

This study investigates the role of threat perception and strength of affiliation in the evaluation of sports conspiracy theories. Participants read a series of conspiracies about a strongly affiliated or non-affiliated team and rated their plausibility. We predict that the strength of threat present in the conspiracy claim will increase the strength of belief only when affiliation is strong.

11:35 AM to

11:47 AM

The Effect of Police Interrogation Techniques on False Confessions. **Kate Phegley, Jada Burton, Mackenzie Meyer, & Kayla Brown**. University of Southern Indiana. Sponsored by Dr. Sid Hall. [3A2]

The Rs researched if police interrogation techniques, like the Reid technique and the PEACE model, would induce false confessions. The Rs hypothesized that the Reid technique would yield more false confessions. Possible results and their implications will be discussed.

11:50 AM to

12:02 PM

How Mindset Moderates the Relationship Between Perceived Task Difficulty, Self-Efficacy, and Persistence. **Lily Johnson, Jaclyn Drews, Jonah Lemmon, & Madeline Gile**. Huntington University. Sponsored by Dr. Rebekah Benjamin. [3A3]

Researchers divided roughly 60 undergraduate students into three groups, each given different impressions of task complexity. Mindset and self-efficacy beliefs were recorded, and an impossible task was administered to test persistence. Researchers expect that

mindset will influence how perceived task complexity affects self-efficacy beliefs and

persistence levels. Results will be discussed.

12:05 PM to

12:17 PM

Predictors of Sex Drive in Emerging Adults (18-25). **Genevieve Dewey**. Ball State University. Sponsored by Dr. George Gaither. [3A4]

This research examined the connections between measures of hypersexuality, sexuality related questions, and mental health.

#### **Session 3B**

Room #303

**Moderator**: Laura Stull – Anderson University

11:20 AM to Impact of Artificial Animals to Reduce Stress within College Students. **Gianna Armitage, Hannah Beck, Meghan Meinczinger, & Madison Schmidt**. Franklin College. Sponsored by Dr. Jamie Bromley. [3B1]

11:32 AM

This study looked at the effects of artificial animal intervention on college students' stress levels. Sixty college students completed a cognitive stressor and were randomly assigned to one of three conditions: Puppy video, weighted stuffed animal, or no intervention. Changes in blood pressure, heart rate and a self report stress test will be analyzed. Limitations will be discussed.

11:35 AM to Parenting Styles as Predictors of Career Decision Making Self-Efficacy. **Danny Moro Medina**. Anderson University. Sponsored by Dr. Laura Stull. [3B2]

11:47 AM

The purpose of this study is to examine the impact of parenting style on college students' self-efficacy in making career decisions. Students completed online questionnaires. Results will be analyzed and discussed. Implications for counseling and academic advising will be discussed.

11:50 AM to 12:02 PM Trolling and Honor Culture at an All-Male Institution. **Morgan Lamon**. Wabash College. Sponsored by Dr. Bobby Horton. [3B3]

This project explores trolling in all-male college settings. Trolling, marked by aggressive provocation for personal amusement, is linked to antisocial behavior. This research will focus on Wabash College, an all-male institution, compared to men at coed institutions lacking an honor culture. We predict that trolling will be more prevalent at Wabash College.

12:05 PM to 12:17 PM Facilitation of Learning in the Athletic Environment. **Taylor Thomas**. Marian University. Sponsored by Dr. Jeff Kellogg. [3B4]

This study examined the impact of coaching on block start times in a practice environment. Participants' start time was recorded for multiple starts. After the first start, participants did not receive any feedback. After each remaining start, participants received advice before the next recording. Initial coaching showed no difference; however, additional coaching resulted in higher start times.

12:20 PM

The Relationship Between Emotional Regulation and Procrastination. **Jeremy Gniffke**. Anderson University. Sponsored by Dr. Laura Stull. [3B5]

12:32 PM

The purpose of this study is to examine whether the strategy people use to regulate their emotions is related with their level of procrastination. Findings indicate no correlation between expressive suppression or cognitive appraisal and procrastination. Interesting differences in patterns of relationships were noted based on gender.

#### **Session 3C**

Room #305

Moderator: Eric Olofson – Wabash

11:20 AM to Autistic Traits and Sex Education. **Sarah Crossley, Sam Johnson, & Gabriel Del Greco**. Ball State University. Sponsored by Dr. George Gaither. [3C1]

11:32 AM

The purpose of this study is to identify the gaps among autistic traits and sexuality. Using self-report measures and samples from 5 separate sources, we examine differences between those with vs without Autism on perceived sexual knowledge, age of first learning about topics, and number of sources for sex education. We also examine relationships between sex education and specific Autism traits.

11:35 AM to 11:47 AM Perceived Social Support's Impact on Athlete Motivation: A Cross-Cultural Study. **Luca Mattassini**. Thomas More University. Sponsored by Dr. Lawrence Boehm. [3C2]

This study explored the influence of culture on the link between perceived social support (SS) and athlete motivation. 61 athletes were surveyed using validated scales. Family SS correlated positively with motivation, while peer SS showed no significant correlation. Cultural differences didn't impact SS or motivation, emphasizing family support's role in sports motivation across cultures.

11:50 AM to 12:02 PM Gender Biases: Credibility in Sports Journalism. **Makenna Mundy, Kosmo Wojack, Cionna Bailey, & Leah Green**. Franklin College. Sponsored by Dr. Jamie Bromley. [3C3]

The researchers hypothesized female sports journalists would be perceived as less credible than male sports journalists. Participants were randomly assigned to either a male, female, or no photo condition, read an editorial by the reporter assigned, and then rated the author on the Source Credibility Measure and gender bias. Data will be analyzed with an ANOVA. Limitations will be discussed.

12:05 PM to 12:17 PM The Relation Between Temperament and Children's Goal setting and Response to Failure. **Landon Miller**. Wabash College. Sponsored by Dr. Eric Olofson. [3C4]

My study tests relations between a child's temperament, the goals they set, and how they respond to failure. I hypothesized that high extraversion will predict setting higher goals on a challenging task, high negative affect will predict setting lower goals in response to failure, and high effortful control will predict little change in goals in response to failure. I will discuss these findings.

#### **Session 3D**

Room #306

**Moderator**: Callie Gibson – Drury University

11:20 AM to Scrolling through the Apathy: Exploring the Usage of Social Media News Outlets and Empathy Responses. **Grace Donahue**. Thomas More University. Sponsored by Dr. Taryn E. Wise. [3D1]

**11:32 AM** 

This study investigates the relationship between time spent on social media, gender, and empathy. Previously, people who use social media were found to have increased scores in areas concerning empathy; including using positive imagery rather than negative. This study focused on college students aged 18-24. Participants for this study completed the Perth Empathy Scale. Results are still pending.

11:35 AM

Factors Affecting Student Engagement: Learning Preference, Perception of Teaching, and Positivity Towards Instructor. **Madisyn Schmidt, Dakota Butler, & Julia Sheets**. Huntington University. Sponsored by Dr. Rebekah Benjamin. [3D2]

**11:47 AM** Hur

Researchers conducted a survey to examine the connection between learning preferences, teachers' instructional practices, classroom engagement, and student attitudes towards their professor. We hypothesized that alignment between a student's preferred learning style and the professor's teaching methods would yield increased engagement and a more favorable professor perception.

11:50 AM to 12:02 PM Unraveling the Impact of Personal Narratives and Celebrity Influences on Attitudes toward Bipolar Disorder. **Alyssa Ledbetter, Tayte Kozlowski, & Garrett Weber**. Drury University. Sponsored by Dr. Callie Gibson. [3D3]

The current study aims to identify the influence of self-disclosure and celebrity influence on attitudes toward bipolar disorder (BD). Participants were presented with video narratives, followed by a questionnaire that examined perceptions towards BD. This data will provide insight into strategies to reduce stigma towards mental illness. Data will be presented.

12:05 PM to

12:17 PM

The Effect of Sugar on Cognitive Ability. **Elexus Wells, Aden Puerner, & Taylor Bogard**. University of Southern Indiana. Sponsored by Dr. Sid Hall. [3D4]

For many years there has been increased interest in the effects of sugar consumption on various domains of cognition. The current study uses a repeated measures design to assess college students' arithmetic performance before and after sugar consumption. It is expected that acute sugar consumption will temporarily increase cognitive performance on this tasks, similar to previous studies.

### Posters 2:10 – 2:40 PM

Self-Compassion and Burnout in Esports Athletes. **Catherine Davis, Lydia Lachance, Kennedy Swope, & Nyah Winbush**. Ball State University. Sponsored by Dr. Anjolii Diaz. [P01]

Esports have become a global phenomenon, but little research exists about esport athletes' burnout. This study explored the relation between esport athletes' burnout and their self-compassion (SC) through an anonymous survey distributed to various US teams. SC was negatively correlated with burnout, r(108) = -.274, p = .002, perhaps due to SC's role in greater adaptive thinking when under stress.

Validity of the MMPI-A-RF Personality Psychopathology 5 Scales. Isabella L. Capoun, Meghan L. Kirkpatrick, Alondra Martinez, Sarah K. Papp, Molly E. Armstrong, & Mattea I. Parker. Ball State University. Sponsored by Dr. Tayla Lee. [P02]

We examined associations of the Personality Psychopathology 5 Scales (PSY-5) from the adolescent version of the Minnesota Multiphasic Personality Inventory with measures of psychopathology. Results for Aggressiveness, Psychoticism, and Negative Emotionality suggested these scales provide meaningful information. Limited support was demonstrated for Disconstraint and Introversion.

Examining the Impact of Physician Relationships on Mental Health in PCOS Patients. **Emma Lear**. Ball State University. Sponsored by Lauren Mathieu-Frasier. [P03]

People with PCOS have reported a general dissatisfaction with the care they receive from physicians regarding their symptoms. PCOS is a neuroendocrine disease that can affect people with ovaries. Previous studies have researched patient satisfaction and mental health in PCOS patients separately; this study evaluates the correlation between the two.

Expertise-Based Detection of Al-Generated Clinical Counseling Text. **Brandon Pater & Vanessa Waterson**. Eastern Illinois University. Sponsored by Dr. Jian Zhu. [P05]

Artificial Intelligence (AI) Chatbots are increasingly considered for therapeutic roles, but empirical evidence on their effectiveness is scarce. This study aims to compare clinical experts and non-experts in identifying AI-generated versus human-authored counseling texts, hypothesizing that experts will be more accurate. This research is crucial for evaluating AI's potential in clinical settings.

Impacts of Anxiety, Depression, and Stress on Weight Change: A Longitudinal Study of First-Year and Last-Year College Students. **Brandon M. Schmiedeskamp & Paige L. Planner**. Fontbonne University. Sponsored by Dr. Melinda Kittleman. [P06]

College students face significant stressors impacting mental health and academics. This longitudinal study explores correlations between anxiety, depression, and stress over, weight change in first- and last-year students. Data collection involved surveys distributed via multiple channels. Findings aim to understand how stress affects students' weight change, mental health, and immune response.

Impact of Past Trauma on Alcohol Self-Administration in Male and Female Rats: Sex-Specific Responses to Stress-Related Drinking. **Nabiha Mahmood & Marian L. Logrip**. Indiana University Indianapolis. Sponsored by Dr. Marian Logrip. [P07]

Chronic stress especially in PTSD worsens alcohol use, particularly among women. We studied how past footshock trauma in an enriched setting, known to impair working memory, altered alcohol self-administration in male and female Wistar rats. While no main effect of sex was observed, females with past trauma showed delayed acquisition of alcohol intake, suggesting sex specific responses to stress r

Increasing Bystander Action in Harassment Situations: A Literature Review. **Julia Smotkin & Amanda Mosier**. Indiana University Indianapolis. Sponsored by Dr. Peggy Stockdale. [P08]

Harassment is a pervasive problem in academia and beyond. However, bystander action counters harassment through victim support and the potential for change to institutional norms that enable harassment. This literature review outlines institutional action steps that have the potential to increase bystander action, fostering safer and more just environments for all.

Silent Suffering: Understanding and Addressing Housing Sexual Harassment. **Maddison S. Davila**. Indiana University Indianapolis. Sponsored by Dr. Peggy Stockdale. [P09]

This review synthesizes research regarding the prevalence, manifestations, and impact of housing sexual harassment, revealing the need for a more comprehensive understanding on this topic. Underreporting, perpetrator motives, and intersectionality highlight the multifaceted nature of this issue. Safer housing environments can be achieved through further research and safeguarding.

Barriers to Engaging in Dementia Prevention Behaviors in Adults at Risk for Dementia. **Elise Grant & Taylor Lambertus**. Ohio University. Sponsored by Dr. Julie Suhr. [P10]

While focus has been given to diet and exercise barriers in healthy cognitive aging, there exist other categories that pose barriers to adults at risk for dementia. 20 focus groups were examined for barriers to engaging in dementia prevention behaviors in cognitive engagement, social contact, and managing stress/mental health. Several themes emerged suggesting barriers unique to these categories.

The Association Between Self-Concept Clarity and Neuroticism & How They Differ by Biological Sex. **Hannah Carreon, Luis Gomez, Sofia Rubi, & Stephen Beegle**. Purdue University. Sponsored by Dr. Jennifer Brown. [P11]

Is self-concept clarity (SCC) associated with differential levels of neuroticism? Does biological sex effect levels of SCC and neuroticism? SCC concerns knowing who you are and neuroticism broadly pertains to emotional stability. Participants completed self-report assessments; results showed that biological females had higher levels of neuroticism but biological sex did not have an effect on SCC.

Evaluating Naloxone Implementation Efforts in Emergency Departments within the Healing Communities Study: A Case Study from 19 Counties in Ohio. **Elizabeth Lawson, Luis Gomez, & Stephen Beegle**. Purdue University. Sponsored by Dr. Jennifer Brown. [P12]

Individuals struggling with opioid use disorder (OUD) often fail to receive adequate education on and treatment for opioid overdose. Emergency departments may be an effective solution for distributing naloxone to individuals at risk of overdose. Case study findings will highlight results from the HCS in Ohio for future education, while reducing biases for these populations.

Predictors of Substance Use Retention at 6-Months Follow-up: Initial Analyses from Project ASPIRE. **Abdulrazzaq Altararwa & Stephen A. P. Beegle**. Purdue University. Sponsored by Dr. Jennifer Brown. [P13]

White males are hypothesized to be the group that is most retained at follow-up in 6 months. Self-report data was obtained from Project ASPIRE through the GPRA survey. Race and biological sex were examined at baseline and follow-up. Results showed that white males were the highest predictors of retention (p < 0.05). The findings from this study will help identify those who require further attention.

Does Political Affiliation Affect Someone's Empathy Levels. **Alison Wagner & Caden Vercimak**. University of Wisconsin - Green Bay. Sponsored by Dr. Alison Jane Martingano. [P14]

Are Liberals more empathetic than conservatives? And are those differences exacerbated when people are reminded of their political affiliation? 290 participants completed questionnaires on behavioral measures and empathy. Liberals scored significantly higher on two measures of empathy(Empathic Concern and Fantasy). This difference was not exacerbated when reminding people of their political views.

Selective Generosity: The Differential Impact of Empathy on Charitable Giving. **Ethan Wondrash & Colton Anderson**. University of Wisconsin - Green Bay. Sponsored by Dr. Alison Jane Martingano. [P15]

In a study with university students, we examined empathy's role in charitable giving. We found that empathic concern significantly predicted a greater willingness to donate to charitable organizations (except political and religious organizations). In contrast, superior emotion recognition skills predicted less willingness to donate to political and religious organizations.

Student Perceptions of Faculty. **Tyler Rice**. Ball State University. Sponsored by Lauren Mathieu-Frasier. [P16]

Study measured undergraduates' awareness of faculty roles and perceptions of teaching effectiveness between tenured-track and adjunct faculty. Participants (N=100) randomly assigned to profiles of either faculty type, then rated teaching effectiveness. Results showed no difference in ratings but significant variance in understanding of faculty roles, indicating basic comprehension of differences.

#### Session 4A

Room #302

**Moderator**: George Gaither – Ball State University

2:45	PM
to	
2:57	PΜ

The Relation Between Language and Theory of Mind in Children with Autism Spectrum Disorder. **Austin Stockton**. Wabash College. Sponsored by Dr. Eric Olofson. [4A1]

This study looked at associations between language and theory of mind in children with and without autism spectrum disorder. Study 1 found that grammar and false belief scores were associated only in children with autism, and Study 2 found similar results with vocabulary and understanding of lexical reference. These results are consistent with previous research on language and theory of mind.

#### 3:00 PM to 3:12 PM

The Moderating Role of Neuroticism in the Relationship Between Attachment Styles and Perfectionism. **Kelli Cameron**. Anderson University. Sponsored by Dr. Laura Stull. [4A2]

The purpose of this study is to examine the relationship between perfectionism, neuroticism, and attachment style. Findings indicate that higher levels of perfectionism predict higher levels of anxious attachment. Neuroticism independently predicted attachment instead of acting as a moderator.

#### 3:15 PM to 3:27 PM

Autism and Camouflaging on Gender Nonconformity. **DeFord Cope**. Ball State University. Sponsored by Dr. George Gaither. [4A3]

This study explores the role of camouflaging of autistic traits in the consistent empirical link between autism and gender nonconformity. We hypothesize that individuals who teach themselves how to mask autistic traits to conform to social norms may use that skill to similarly approach gender norms. Thus, camouflaging may affect the reported correlation between autism and gender nonconformity.

#### 3:30 PM to 3:42 PM

Effects of ACEs and Personality on Risk Taking. **Lauren Hamm & Emma Hampton**. Drury University. Sponsored by Dr. Mary Utley. [4A4]

(H1) College students who scored higher in Adverse Childhood Experiences, when given various risk-taking scenarios, will engage in more risk-taking behavior than students who score low on ACE. (H2) College students who scored higher in Adverse Childhood Experiences, will score higher on extraversion. The hypotheses will be measured using a 3x2x2 factorial design. The data analysis is ongoing.

#### **Session 4B**

Room #303

**Moderator**: Anjolii Diaz – Ball State University

2:45 PM to 2:57 PM The Relationship Between Childhood Digital Media Usage and Creativity in College Students. **Lilah McGurer**. Anderson University. Sponsored by Dr. Laura Stull. [4B1]

While media use has been related with many negative outcomes, whether it predicts creative outcomes needs further research. The purpose of this study is to examine the correlation between childhood digital media use and creativity as a young adult, with possible implications for childhood interventions. Data will be analyzed and discussed.

3:00 PM to

3:12 PM

Relations between coparenting and father involvement in at-home dads. **Bryce Nash**. Wabash College. Sponsored by Dr. Eric Olofson. [4B2]

Coparenting and gatekeeping—i.e., parental regulation of access to children—have not been investigated in families with at-home dads. This study investigated relations between coparenting, gatekeeping, and father involvement in families with at-home dads and whether they report trying to gatekeep mothers. I'll present analyses on whether these families coparent differently than other families.

3:15 PM to

3:27 PM

The Impact of Conscientiousness and Gender: Identifying Facial Expressions of Those with Similar and Different Features. **Megan DeWeerd & Victoria Enos**. Drury University. Sponsored by Dr. Mary Utley. [4B3]

The recognition of facial expressions can impact our relationships (Dirzyte et al., 2022). We are researching the recognition of facial expressions in similar and different faces. We hypothesize that the accurate identification of facial expressions is due to (H1) participants' similar features with a target, (H2) higher consciousness levels. Using a mixed design data analysis is ongoing.

3:30 PM to

3:42 PM

Influential Factors of Student Involvement on College Campuses. **Zoe Simmons**. Franklin College. Sponsored by Dr. Jamie Bromley. [4B4]

You are not alone; come learn the ways students experience smaller learning environments. This research project looked at the relationship between student involvement, personality, and the occurrence of anxiety. A convenience sample of 30 midwestern liberal arts college students took surveys measuring campus involvement, anxiety, and personality through Qualtrics.

#### **Session 4C**

Room #305

**Moderator**: Jeff Kellogg – Marian University

2:45 PM to The effect magnitude of transgressional circumstance and retention interval have on retention fidelity. **Shaw Deters & Karena Kendall**. University of Southern Indiana.

2:57 PM

Sponsored by Dr. Sid Hall. [4C1]

Through a 2x2 factorial design, we plan to investigate the effects of perceived event severity and recall interval on the recall accuracy for a witnessed event. Our hypothesis aligns with prior research on these topics individually, which states that individuals who witness more severe events and are asked to recall the event faster should have more accurate recollections of the event.

3:00 PM

Mindset Orientation and Its Interactions: What Makes an Individual Believe They Will Succeed? **Olivia Piekarski, Mia Harris, & Sophia Mora**. Drury University. Sponsored by Dr. Manual Mary 14621

**3:12 PM** Mary Utley. [4C2]

Mindset theory supports the idea that perception of ability tends to dictate achievement (Dweck, 2015). It has also been suggested that authoritative parenting correlates with higher self-esteem and achievement. We hypothesize that priming a growth mindset will increase participants' perception of their future success. We are using a 3x3x2 factorial design. Data analysis is ongoing.

3:15 PM to Can we trade coffee for sleep? **Jacob Lawson**. Wabash College. Sponsored by Dr. Neil Schmitzer-Torbert. [4C3]

3:27 PM

Sleep deprivation has been shown to cause many cognitive deficits, and often people try to substitute sleeping with caffeine. The most common form of caffeine ingestion is by way of coffee. Here, we tested if coffee could substitute for sleep-related cognitive deficits using the Movie Row task which measures decision-making processes and deliberation.

3:30 PM to 3:42 PM Dancer Identity as a Moderator of the Relationship Between Injuries and Mental Health. **Maitland McCord**. Anderson University. Sponsored by Dr. Laura Stull. [4C4]

This study examines the relationship between injuries and mental health based on dancer identity. Findings conclude no significant relationship for college dancers between injury and mental health with no moderation of dancer identity. An unexpected significant, positive correlation was found between injury pain and depression.

#### **Session 4D**

Room #305

**Moderator**: Julie Eyink – University of Southern Indiana

#### 2:45 PM to 2:57 PM

Dark Triad, Political Extremism, and Persuasion. Lydia Chapman, Laci Varner, & Ryan Padberg. Drury University. Sponsored by Dr. Mary Utley. [4D1]

The study explores Dark Triad traits' influence on political beliefs, extremism, and persuasion. The researchers hypothesize that students scoring higher on The Short Dark Triad (SD3) will alter their political opinion toward the left or right-leaning political video more than the non-political video. The study has a 2x2x3 factorial design. Data analysis is ongoing.

#### 3:00 PM to

3:12 PM

Your Mind, Your Worth: What is the Relation between Self-Esteem, Anxiety, and Depression? **Gabriela Fernandez**. University of Southern Indiana. Sponsored by Dr. Urska Dobersek. [4D2]

The study was conducted to examine self-esteem, anxiety, and depression between biological sex and international status in college-aged students. A 2x2 MANOVA showed no significant interaction and no main effects for sex and international status. These findings are inconsistent with the previous literature. Future research should explore possible causal factors to explain these equivocal findings.

#### 3:15 PM to 3:27 PM

Barriers to Mental Health Care: Childhood Trauma as a Predictor. **Riley Ampt**. Anderson University. Sponsored by Dr. Laura Stull. [4D3]

The purpose of this study was to examine different types of barriers one might face when seeking mental health care and how experiencing trauma as a child may influence these barriers. While no significant relationship was found between childhood trauma and perceived barriers to mental health care, future research could examine whether the relationship differs based on early intervention.

#### 3:30 PM to

Impact of Blood Glucose on Deliberation. **Zachary Waldon & Anthony Reid**. Wabash College. Sponsored by Dr. Neil Schmitzer-Torbert. [4D4]

Previous research suggests a link between higher blood glucose levels and the use of System 2 processing (controlled, deliberative decision making). Our research sought to explore this link by examining how glucose impacts deliberation in a human foraging task (the Movie Row). Our results suggests that individuals with higher blood glucose levels engage in more deliberation (System 2 processing).

# Anderson University Dr. Janell Blunt ......1A2 4C4, 1D5, 1B1, 4D3

Dr. Laura Stull 3B5, 4A2, 1C4, 4B1, 2C3, 3B2, 2A1,

#### **Ball State University**

Dr. Anjolii Diaz ..... P01 **Dr. Dan Nardi** ......2D1

**Dr. George Gaither** 2B2, 3C1, 3A4, 4A3

Dr. Katie Lawson ......2C5 **Dr. Tayla Lee** ...... P02 Dr. Thomas Holtgraves 1D3, 1C1 Lauren Mathieu-Frasier P03, P16

#### **Drury University**

**Dr. Callie Gibson** 1D1, 1B4, 3D3, 1C5

Dr. Jennifer Silva Brown 2B1

**Dr. Mary Utley** 2D3, 4A4, 4B3, 1A3, 4C2, 4D1

#### Eastern Illinois University

**Dr. Jian Zhu** ...... P05

#### Fontbonne University

Dr. Melinda Kittleman ... P06

#### Franklin College

**Dr. Jamie Bromley** 3B1, 2C1, 4B4, 1B5, 3C3, 2A4

#### Goshen College

Brianne Brenneman ......2D4

#### Huntington University

**Dr. Rebekah Benjamin** 3D2, 3A3, 1D2, 2D2, 1A5

#### Indiana University Indianapolis

Dr. Marian Logrip ..... P07

Dr. Peggy Stockdale P09, P08

#### Marian University

Dr. Jeff Kellogg .. 3B4, 2B4, 2A5

#### Ohio University

Dr. Julie Suhr ...... P10

#### **Purdue University**

Dr. Jennifer Brown P11, P12, P13

#### Thomas More University

Dr. Lawrence Boehm 2C2, 1C2, 3C2 Dr. Taryn E. Wise ......3D1

#### University of Southern Indiana

**Dr. Julie Eyink** ...... 1A4, 1B3

Dr. Laurel Standiford Reyes & Dr. Julie Eyink

......2A3, 2B5

Dr. Sid Hall .......3D4, 3A2, 4C1 Dr. Urska Dobersek ........ 4D2

#### University of Wisconsin - Green Bay

Dr. Alison Jane Martingano P15, P14

#### Wabash College

**Dr. Bobby Horton** 3B3, 1C3, 1A1, 1B2

Dr. Eric Olofson 3C4, 4A1, 4B2

Dr. Karen Gunther 2B3, 2A2, 1D4

Dr. Neil Schmitzer-Torbert 4D4, 4C3

Dr. Preston Bost 2D5, 2C4, 3A1