10th Annual

Provost's Honors Symposium

for Research, Scholarship, and Creative Activity

May 1st, 2020

WELCOME

WELCOME TO THE 10TH ANNUAL PROVOST'S HONORS SYMPOSIUM FOR RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITY

Thanks to the generous support of **Provost Patricia Kleine** and the **Office of Research and Sponsored Programs**, we are glad to be able to keep the tradition of the Provost's Honors Symposium going this year, in a virtual format. This year's selected students have not only completed impressive projects, but have also taken on the challenge of developing presentations for digital exhibition. We are proud of these student presenters for persevering in these new circumstances -- and we are thankful for their research, scholarship, and creative projects, which are gestures of hope during this crisis.

This year the Provost's Honors Symposium will showcase 108 students presenting 47 research, scholarly, and creative projects in more than two dozen disciplines.

Participants in the Provost's Honors Symposium are nominated each year by their UW-Eau Claire faculty mentors or major departments. Finalists are selected by the University Honors Council, a committee that includes three University Honors students, faculty representatives from each of the UW-Eau Claire colleges, and University Honors staff:

- Erik Hendrickson, College of Arts and Sciences
- Hans Kishel, McIntyre Library, Faculty Member-at-large
- Kris Knutson, Communication & Journalism + Honors Faculty Fellow
- Der-Fa Lu, College of Nursing and Health Sciences
- Morgan Mack, Honors Student Steering Committee
- Kao Nou Moua, College of Education and Human Sciences
- Jennifer Muehlenkamp, College of Arts & Sciences
- Vicki Samelson, Chair
- Bobby Valiska, Student, Honors LLC
- Hope Wachholz, Student, At-Large + Honors Student Steering Committee
- Laura Wilson, President, Honors Student Steering Committee

In founding and organizing this annual symposium, the University Honors Program strives to meet its goal of involving students in activities that lead to research, discovery, high-value projects, and innovation. I am honored to introduce the Provost's Honors Symposium this year and look forward to working with all of you.

We invite you to join us in engaging with students' digital presentations, leaving comments and feedback, and participating in virtual discussion. Thank you for supporting the highly accomplished students and faculty whose collaborative work is featured at this event.

Heather Fielding

Dr. Heather Fielding

Incoming Director, University Honors Program

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- 2. Improving Social Determinants of Health in Chippewa County, Wisconsin
- 3. A Quantitative and Qualitative Analysis of Leadership and Staff Perspectives on Nursing Assistant Staffing Challenges in Skilled Nursing Facilities
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- 23. Electoral Systems and Their Relationships with Voter Turnout and Disproportionality
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ABSTRACTS

CENTENNIAL

1. THE GENDERING OF HEALTH: A COMPARATIVE ANALYSIS BETWEEN MEN'S HEALTH & WOMEN'S HEALTH MAGAZINES

Presenters: Nate Bloyer, Emma Carlson, Lindsay Hein & Thomas Kishaba

Faculty nominator: Kristine Knutson, Communication and Journalism

This study seeks to understand how masculinity and femininity are represented in online publications. We analyze content on the websites of two popular magazines: Women's Health and Men's Health. Both publications are health-focused and offer a variety of information on topics like "dating," "style," and "fitness" geared to mostly white consumers, averaging 33 years of age. We examine each magazine's online presence to analyze and compare the content geared towards women and the content geared towards men. Within these frameworks, there are many ways that messages are gendered and encoded to both appeal to and reinforce gender stereotypes. The goal of this study is to analyze and quantify those messages in order to better understand how popular media enacts and reflects gender. We believe that we will find Women's Health will cater its advice and content to the "male gaze" (i.e. "the patriarchal surveillance of female bodies" (Ewa, 2018, p. 87)) and that Men's Health will perpetuate male performance of masculinity within the framework of traditionally valued masculine traits.

2. IMPROVING SOCIAL DETERMINANTS OF HEALTH IN CHIPPEWA COUNTY, WISCONSIN

Presenters: Autumn Cernohous & Cole Haschke

Faculty nominator: Ruth Cronje, English

Health in all policies (HIAP) presupposes that every governmental policy change also represents an opportunity to improve health equity. In 2019, Chippewa County initiated a strategic planning process to guide county government for the next decade. Public listening sessions were held throughout the county (August 2019) to solicit citizen input into strategic priorities. Public comments provide insights into citizens' disposition to support policies that can improve health equity in the county. Chippewa County has also created a Health Equity Action Team (HEAT) to enact the county's commitment to improving health equity. Among other action plans, HEAT is committed to promoting a HIAP ordinance in the county. A survey of HEAT members enabled us to investigate the understanding and valuing of health equity among members of HEAT. Our results have found that understanding and valuing equity varies widely across HEAT membership. Together, our two data streams provide a glimpse of the degree to which the public and county staff are prepared to improve health equity through health in all policies in Chippewa County.

3. A QUANTITATIVE AND QUALITATIVE ANALYSIS OF LEADERSHIP AND STAFF PERSPECTIVES ON NURSING ASSISTANT STAFFING CHALLENGES IN SKILLED NURSING FACILITIES

Presenters: Sara Beckendorf & Rachael Bolder

Faculty nominators: Jennifer Johs-Artisensi & Lindsey Creapeau, Management and Marketing

Many long-term care facilities are experiencing difficulties recruiting and retaining nursing assistants, so identifying staffing strategies and practices that correlate with desirable organizational performance is beneficial. Data was collected from 59 nursing facilities, at which interviews were conducted with the Nursing Home Administrator, Director of Nursing, and 5 nursing assistants. Collected data included facility demographic and organizational performance measures, staff retention programs and strategies employed by each facility, and stakeholder perceptions about staffing challenges and root causes, what nursing assistants value most from work environments,

and key retention strategies. Commonly used retention strategies and relationships between these strategies and organizational performance are identified. Differences between stakeholder perceptions of the importance of job attributes to retention are examined. Finally, areas of agreement and disagreement between what leadership and front line staff regard as staffing challenges and solutions are noted. When leadership understands staffing challenges from the perspective of nursing assistants themselves, they can structure their culture, strategies, and programs to better serve their needs and ultimately maximize quality of care for residents.

4. IMPLEMENTING AN EDUCATIONAL INITIATIVE ON ELECTRONIC CIGARETTES AND VAPING

Presenters: Lindsey Boehm & Heidi Pardon

Faculty nominators: Diane Marcyjanik, Nursing & Lyndsey Strang, Nursing DNP candidate

The U.S. Surgeon General reported that the use of electronic cigarettes (e-cigarettes) is on the rise among adolescents and continues to be a public health concern. Teachers and other educational professionals spend a large amount of time with their students and can influence the conversation on the dangers of e-cigarettes and vaping. Adolescents are extremely susceptible to peer-pressure and pressure from social media, and as a result, they do not always look at warning signs before using products like these. According to the Centers for Disease Control, there is evidence that adolescents who use e-cigarettes are more likely to smoke regular cigarettes in the future. When educational professionals become knowledgeable about the dangers of vaping, and in turn, educate their students it could help stop this dangerous trend from progressing. This presentation will help start the important and necessary conversation to increase knowledge about e-cigarettes and vaping along with providing resources that could be used in the classroom.

5. A DESCRIPTION AND ANALYSIS OF THE PARTICIPATION AND BENEFITS/CHALLENGES FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM-MARKET MATCH PROGRAM AT THE EAU CLAIRE FARMERS' MARKET

Presenters: Karlien Asplund, Ethan Blaney, Olivia Jonasen, Zach Ledwith, Aubrey Liew, Katelyn Reckin, Hailey Reynolds & Shelly Stephani

Faculty nominator: Eric Jamelske, Economics

Research suggests that food insecurity is a significant issue facing many American households. There is also evidence that participants in the Supplemental Nutrition Assistance Program (SNAP) tend to purchase fewer healthy foods including fruits and vegetables (FV) compared to non-SNAP households. This study reports on administrative data from 2014-19 and survey data from 2019 for a program that doubles SNAP benefits up to \$10/week at the Eau Claire Farmers' Market (EC FM MMP). Our results show that the EC FM MMP has significantly increased both the number of SNAP shoppers using the farmers market and the frequency of visits. Additionally, survey responses reveal that significant percentages of SNAP shoppers report purchasing/eating more FV and face a reduced level of food insecurity from using the EC FM MMP. Despite these benefits, program data indicate that the number of households using the EC FM MMP in 2019 represented less than 10% of the EC County SNAP caseload. Moreover, nearly half of the households using the EC FM MMP made only one visit to the market in 2019.

6. CHARACTERIZING THE ALLOCATION, ISSUANCE AND USAGE OF BENEFITS OFFERED THROUGH THE WOMEN, INFANTS AND CHILDREN (WIC) AND SENIOR ASSISTANCE FARMERS MARKET FRUIT AND VEGETABLE PROGRAMS IN WISCONSIN

Presenters: Karlien Asplund, Ethan Blaney, Olivia Jonasen, Zach Ledwith, Aubrey Liew, Katelyn Reckin, Hailey Reynolds & Shelly Stephani

Faculty nominator: Eric Jamelske, Economics

Research suggests that food insecurity is a significant issue facing many American households. In particular, it is challenging for low-income households to purchase/eat the recommended amount of fruits and vegetables (FV).

The Women, Infants and Children Farmers' Market Fruit and Vegetable Program (WIC FM FVP) is designed to help improve access to FV for qualifying households during summer. This study reports on 2019 administrative data for the allocation, issuance (pick-up) and usage of WIC FM FVP in the state of Wisconsin. State-level results show that just under 70% of the \$2,332,855 allocated for this program in 2019 were issued with only 42.1% of these benefits being redeemed by WIC households. There is significant variation across WI counties in both the issuance rates (24.6% to 83.5%) and usage rates (21.0% to 66.3%). Detailed comparisons will be provided to highlight the best/worst performing counties in terms of these rates. We have also just received data for a similar program helping low-income seniors access FV at farmers' markets and will present comparisons across these two programs.

7. PHLEBITIS: EVIDENCE ON INCIDENCE AND SEVERITY

Presenters: Maria Becker & Sydney Miller

Faculty nominator: Dalete Mota, Nursing

In many developing countries, cancer patients have phlebitis (inflammation of the vein) due to chemotherapy infusion through peripheral veins. Although phlebitis is easily recognized and detected, nurses lack robust data to improve care. Thus, we conducted a cross-sectional study in Goiânia, Brazil, after IRB approval, including 55 patients (64% female, average age = 53 years) undergoing outpatient chemotherapy to assess the incidence and severity of phlebitis in peripheral veins. All patients received the same skin preparation and catheter fixation. The most common catheter used was BD Saf-T-IntimaTM closed IV catheter system (74%), and the most common gauge was 24G (53%) and 22G (47%). The incidence of phlebitis in this study was extremely high: 58% (54% grade 1, and 4%, grade 2). Despite the low severity of phlebitis (Grade 1), we know, from clinical experience, that the damage is significant, and it renders useless these peripheral veins for future infusions.

8. JOURNAL TRACKING FOR VOCAL HYGIENE COMPLIANCE

Presenter: Kelsey Cramer

Faculty nominator: Kelly Wonder, McNair Program

The purpose of the study is to examine different methods of tracking patient adherence to vocal hygiene habits (i.e., limited loud talking, increased hydration, limited spicy foods, etc.) to understand how that impacts the overall functioning of the voice. The second aim of this study is to evaluate the utility of a video journal as a method for monitoring home use of vocal hygiene behaviors versus using a paper journal or no journal. The objective of this study is to learn which mode of journaling will result in the best adherence to the vocal hygiene habits. Journaling is expected to show improved vocal hygiene adherence and overall vocal function measures.

EFFECTIVENESS OF SOCIAL MEDIA ON STRENGTH TRAINING ADHERENCE AND CONFIDENCE AMONG NOVICE COLLEGE FEMALES

Presenters: Alaina Lanser, Halli McCauley, Madeline Norman, Morgan Pfaff & Omid Razmpour

Faculty nominators: Saori Braun, Kinesiology & Der-Fa Lu, Nursing

PURPOSE: To examine the effectiveness of a closed social media discussion board on strength training adherence and confidence among college females. METHODS: Twenty-five female undergraduate students in the nursing program volunteered to participate in the study. Participants were randomly assigned to either: Web-based (n=13) or Non-web based (n=12) groups. Web-based group (n=13) was placed into closed online chat group to engage in discussions related to perceived barriers to strength training. All participants completed a weekly online survey at the beginning of each week reporting their confidence and frequency of strength training. RESULTS: Three participants were excluded from the analyses due to weekly report rate being <40%. At baseline, independent samples t tests indicated no significant differences in adherence and confidence between groups. At weeks 2 and 17, Web-based group had significantly greater confidence as compared to Non-Web group. There

was no difference in adherence between groups at each Weeks 1, 2, 9, and 17. Paired samples t tests indicated, for Web-based group, confidence significantly increased from baseline to Week 2 and to Week 17.

10. <u>WOMEN'S USE OF SELF-CARE STRATEGIES TO MANAGE CHRONIC PAIN CAUSED BY ENDOMETRIOSIS</u>

Presenters: Madeline Norman & Omid Razmpour

Faculty nominator: Jeanette Olsen, Nursing

Women with endometriosis commonly experience chronic pain and diminished quality of life. Medical interventions are not always effective. This leads many women to seek alternative pain-relief strategies. However, the frequency of use and effectiveness of such strategies are poorly understood. This mixed methods study aimed to increase understanding of self-care strategies used by women to manage chronic endometriosis pain. Survey data were collected from a convenience sample of 98 American women with endometriosis recruited through Facebook support groups. Quantitative measures included demographic variables, frequency and perceived effectiveness of self-care strategies, and the Endometriosis Health Profile-30. Adverse effects and additional perspectives were captured through open-ended questions. Upon completion of data analysis, results will include the frequency of use and perceived effectiveness of self-care strategies women use to manage endometriosis pain, correlations between the most frequently used self-care strategies and endometriosis-related pain and quality of life, and themes regarding adverse effects. Findings will inform teaching and counseling interventions healthcare providers can use to promote safe, effective self-management of endometriosis-related pain and will illuminate areas for future research.

11. FORGIVENESS FACILITATION THROUGH MEDIA THERAPY

Presenters: Shawna Helmuth, Megan Jacobson, Summer Peoples & Anna Theisen

Faculty nominators: Ann Recine & Ann Aschenbrenner, Nursing

Nursing scholars have understood the mind-body connections related to health and the ability to forgive. Forgiveness Facilitation has been an intervention that has been classified and used for many years by nurses and includes the use of literature to help inspire forgiveness. The students have gathered data on the following two research questions: 1. What books, including religious or spiritual writings or other media could you suggest that could inspire someone to let go of anger toward themselves or others and have a more kind intention toward themselves or others? 2. From your personal experience, what books or passages from religious or spiritual writings or other media have helped you to let go of negative feelings toward yourself or others and have a kinder intention toward yourself or others? The students have learned about phenomenological research methodology and the IRB process regarding the ethics of research with human subjects. They have helped to develop the sample and done qualitative research interviews.

12. BRAIN AND BODY FITNESS

Presenter: Jackie Ganser

Faculty nominators: Norah Airth-Kindree, Nursing; Lindsey Creapeau, Management and Marketing; & Debra Hoffman, Nursing

The purpose of this research project is to validate the hypothesis that an exercise program, coupled with language enrichment, has positive effects on cognitive and physical health for persons with mild dementia diagnoses. A secondary purpose is to analyze data collected on family caregivers who also participated in exercise program. The project was selected for presentation at the 34th annual WI state Alzheimer's Association conference in Wisconsin Dells May 3-5, 2020. Additionally, results will be disseminated through the development of a manuscript in a peer-reviewed journal.

MENOMINEE

13. SEXUAL ABUSE IN COLLEGIATE ATHLETICS: DECONSTRUCTING INSTITUTIONAL CULTURES WITHIN THE #METOO MOVEMENT

Presenter: Amelia Montie

Faculty nominator: Pamela Forman, Sociology

The #MeToo movement brought unprecedented attention to sexual victimization in a variety of institutions, including sport. Collegiate athletics operate as a bastion of hegemonic masculinity within an accommodating institutional culture connected to universities. Explanations for sexual assault in institutions often assert the existence of a "bad apple." This narrative blames individuals, leaving the institution itself unblemished (Waterhouse-Watson, 2013). Enloe (2004) depicts the U.S. military personnel's abusive treatment of prisoners in Abu Ghraib as a rotten barrel of apples. Thus, institutional sex scandals are not as much about individuals with psychological problems as they are due to "institutional pathologies" and evidence of "institutional decay" (Gamson, 2001, p. 85). This sociological understanding of sexual abuse in intercollegiate athletics offers us a compelling portrait of hegemonic masculinity and an accommodating organizational culture on college campuses in the #MeToo era. My paper examines how the institutional cultures at Penn State and Michigan State protected and abetted Jerry Sandusky and Larry Nassar as sexual predators.

14. REAL EAU-TOPIAS: PRIVILEGE, MENTAL HEALTH, AND EMOTION AT UW-EAU CLAIRE

Presenter: Grace Huftel

Faculty nominator: Peter Hart-Brinson, Sociology

The purpose of this research is to understand the perspectives and experiences of UWEC students regarding equity, diversity, and inclusivity (EDI) on campus. The study of "real utopias" entails critical examination of existing institutions for the purpose of enacting social change that helps us more fully achieve our shared values—in this case, EDI. We have interviewed three focus groups of different backgrounds about topics pertaining to EDI, mental health, and their overall experiences at UWEC. After transcribing the interviews, we coded the answers to each question for common themes and patterns using the software Dedoose. Analysis reveals that privilege, mental health, and emotion are interlinked in complex ways for students from different backgrounds. The ways students talk about EDI suggests that privilege acts as a protective buffer for many students when negative events occur, limiting their emotional and mental health impacts. By contrast, negative experiences may take an emotional and mental toll on students with less privilege. We conclude by discussing lessons that this research teaches us for making UWEC campus more equitable, diverse, and inclusive.

15.CITIZEN SCIENCE MONITORING OF AIR QUALITY AROUND FRAC SAND PLANTS

Presenters: Connor Barnes, Aleah Gmeiner-Anderson, Katrina Kawak, Josephine Killoren & Joseph Vue

Faculty nominator: Crispin Pierce, Watershed Institute

To measure increased risks of mortality from airborne particulate pollution emanating from frac sand mining and processing facilities in Wisconsin, we have installed and collected data from 15 citizen science monitors deployed at strategic locations. While not routinely above EPA standards, data from these monitors have shown consistently elevated levels compared to background WDNR levels. Progress towards measuring the relationship between distance from facilities and increased risk will be explained.

16.TALKING ABOUT CLIMATE IN THE US AND CHINA: NATIONAL COMPARISONS OF RESPONSES TO CLIMATE CHANGE/GLOBAL WARMING

Presenters: Clayton Cavanaugh, Savanna Grunzke, Angela Hugunin, Sakumi Kawamoto, Chloe Knuth, Caleb Kulich, Philip Long, Eric Mallmann, Olivia Misorski, Zhi Yee Teh, Ben Worner & Katelyn Worzalla

Faculty nominators: James Boulter, Watershed Institute & Kristine Knutson, Communication and Journalism

Four months into his presidency, Donald Trump announced his intent to extricate the US from the United Nations Paris Climate agreement. That week, our research team arrived in Chengdu, China to conduct surveys of people's perceptions and attitudes about climate change and related policy implications. Demographically representative data were collected during the same month using online surveys in both the China and United States. This study seeks to understand what individuals in China and the United States say when asked to reflect on the terms "climate change and global warming." Using content analysis, we have examined the frequencies of Chinese and US participants talking about different consequences of climate change and also actions or solutions that participants cite. In particular, we will present comparisons of the probabilities of specific coded responses for Chinese compared to US respondents. We also examine whether other demographic factors within each nation influence the probability of mentioning specific themes in their open-ended responses. We have also utilized thematic analysis to examine the communication of emotions in response to climate change.

17. COMPARING CHINESE AND AMERICAN SUPPORT FOR PARTICIPATION IN THE UNITED NATIONS PARIS AGREEMENT TO ADDRESS CLIMATE CHANGE

Presenters: Clayton Cavanaugh, Savanna Grunzke, Angela Hugunin, Sakumi Kawamoto, Chloe Knuth, Caleb Kulich, Philip Long, Eric Mallmann, Olivia Misorski, Zhi Yee Teh, Ben Worner & Katelyn Worzalla

Faculty nominators: Eric Jamelske, Economics; James Boulter, Watershed Institute; Won Jang, Communication & Journalism; and, Kristine Knutson, Communication & Journalism

Climate change (CC) is perhaps the most important issue of our time. As the world's two largest economies and greenhouse gas polluters, China and the United States are key players in international CC negotiations. To better understand the views of Chinese and American citizens we analyzed survey data from 2015 (N=7,556) and 2017 (N=7,415). Support for joining the Paris Agreement was examined using three randomized questions. One question was unconditional with no mention of the other country (control), while the other two were conditional (treatment) on knowing the other country would/would not participate respectively. Our results indicate significant differences between Chinese and American support for the Paris Agreement in both 2015 and 2017. We also find a consistent decline in support in each country when it is known the other country will not participate in both years. The results conditional on knowing the other country will participate are varied. Additionally, we find significant differences between college students and adults in the US, but not in China, and also differences across political affiliations in the US.

18. COMPARING CHINESE AND AMERICAN VIEWS ON CLIMATE CHANGE USING AN INDEX OF ACCEPTANCE, KNOWLEDGE, CONCERN AND OBLIGATION TO ACT

Presenters: Clayton Cavanaugh, Savanna Grunzke, Angela Hugunin, Sakumi Kawamoto, Chloe Knuth, Caleb Kulich, Philip Long, Eric Mallmann, Olivia Misorski, Zhi Yee Teh, Ben Worner & Katelyn Worzalla

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Climate change (CC) is perhaps the most important issue of our time. As the world's two largest economies and greenhouse gas polluters, China and the United States are key players in international CC negotiations. To better understand the views of Chinese and American citizens we analyzed survey data from 2015 (N=7,556) and 2017 (N=7,415). A CC acceptance/knowledge/concern/obligation index (CCI) was calculated and compared across countries in each year and within each country across years. Additional comparisons between college students and adults are provided for each country in both years. Lastly, American views on CC are compared across political affiliations for both years. Our results indicate significant differences between Chinese and American CC views in both 2015 and 2017. Interestingly, there was a significant change in the CCI distribution in the US in 2017 with very little change in China. We also find significant differences between college students and adults in the US, but not in China. Additionally, there is evidence of a significant partisan political divide in CC views among Americans.

19. IMPACT OF CHRONIC INTERMITTENT ETHANOL EXPOSURE DURING ADOLESCENCE ON COGNITION AND ANXIETY ACROSS THE LIFESPAN

Presenters: Samantha Scaletty, Areonna Schreiber & Sarah Trapp

Faculty nominator: Douglas Matthews, Psychology

The number of elderly people in the United States continues to increase making it important to investigate behaviors that impact health in this age group. The elderly often consume ethanol, frequently in dangerous binge-like patterns. It is therefore important to investigate the impact of alcohol consumption in this age group. The aged population struggles with anxiety and cognitive impairments and these emotional states can maintain and perhaps escalate ethanol consumption in this age group. Older people usually begin consuming alcohol during adolescence and unfortunately, little is understood concerning the impact of adolescent alcohol exposure across the lifespan. The studies described in this presentation are among the first to investigate the effect of adolescent ethanol exposure across the lifespan in relation to anxiety-like behaviors and cognitive impairments. It is predicted that the successful completion of these studies will open a new avenue of ethanol research serving the general population.

20. DOES THE GLUN1 (F639A) SUBUNIT REDUCE ETHANOL-INDUCED SPATIAL MEMORY IMPAIRMENT?

Presenters: Samantha Scaletty & Victoria Tillotson

Faculty nominators: Douglas Matthews, Psychology & Jamie Lyman Gingerich, Biology

Acute ethanol exposure impairs spatial memory, a type of memory that is hippocampal dependent. The electrophysiological properties of hippocampal neurons that model the spatial memory impairment produced by acute ethanol administration have been identified. In addition, a potential molecular mechanism that produces ethanol-induced spatial memory impairments has also been identified. However, the specific receptor target(s) by which acute ethanol exposure impairs spatial memory have yet to be discovered. The current project details our ongoing work with mice containing the F639A genetic manipulate on the GluN1 receptor. Specifically, we are determining if this genetic manipulation alters ethanol-induced spatial memory impairments. The successful completion of this project will be the first to identify a receptor binding site that modulates ethanol's cognitive impairing effects.

21.PERCEPTIONS OF THERAPIST COMFORT AND SKILL ON NSSI CESSATION

Presenters: Sierra Dortch & Carley Owens

Faculty nominator: Jennifer Muehlenkamp, Psychology

There is little research on factors associated with perceived helpfulness of therapy in stopping self-injurious (NSSI) behaviors. This study utilized archival survey data from 14,235 university student to examine how client perceptions of therapist comfort with the topic of NSSI related to perceived helpfulness of therapy, attendance patterns, and participant cessation of NSSI. Results show that when therapists are perceived as more comfortable,

clients viewed the therapy as more helpful. Seeing a therapist for an extended period of time was related to stopping NSSI whereas other attendance patterns were not. Perceived helpfulness fully mediated the relationship between therapist comfort and NSSI cessation. This shows that therapist comfort with treating NSSI is important to NSSI cessation, supporting the need for counselor training on this topic.

22. IMPACT OF CHILD WELFARE SPECIFIC KNOWLEDGE ON DEMONSTRATION OF SOCIAL WORK COMPETENCIES

Presenters: Christina Bichner & Emily Bohn
Faculty nominator: Jamie Tester, Social Work

With a newly developed Advanced Child Welfare course offered spring 2020, this pending research will provide an initial glimpse at the change in student knowledge and perceived preparation for students entering a profession in Child Welfare. This information will be used to form a strategy to measure where areas of improvement are needed within the curriculum. The pervasiveness of childhood trauma and other childhood adversities is proof of the high need for the development of a trauma educated workforce. Research shows a qualified and stable child welfare workforce is the foundation of effective child welfare service delivery. Advanced child welfare education and training for students is critical in expanding student knowledge base, preparing students for interacting with crisis social work cases, and acquiring adequate self-care and coping skills surrounding secondary trauma. This research examines student knowledge surrounding content directly impacting individuals who may choose to pursue a position in child welfare. A pre and post-test will be given in both the Introduction to Child Welfare course and the newly designed Advanced Child Welfare course during Spring semester 2020. The survey will measure student knowledge and awareness at the beginning of the courses and again at the end of the courses. The survey asks questions focused on student knowledge and levels of confidence in topics critical to professional child welfare such as trauma, Adverse Childhood Experiences (ACES), mandated reporting, and measures personal bias using case studies. Researchers predict an increased understanding and heightened knowledge base of child welfare after each course has been completed with a clearer understanding of how the Advanced Child Welfare course influences student understanding and confidence. It is the researchers' belief that patterns found within the study will illuminate areas of the Child Welfare curriculum where students increase confidence and understanding while showing areas where students may need more or alternative exposure to concepts.

HO-CHUNK

23. ELECTORAL SYSTEMS AND THEIR RELATIONSHIPS WITH VOTER TURNOUT AND DIS-PROPORTIONALITY

Presenter: Reed Hoffmann

Faculty nominator: Ali Abootalebi, Political Science

A core principle of democracy is the ability for citizens to elect their representatives through free and fair elections. Many democratic countries have similar yet distinctly different electoral structures where high voter participation is seen as an important indicator of a robust democratic system. However, because of the various mechanisms in which votes are translated into governmental power, citizens of a country may feel as though they are not being represented accurately and thus voter apathy, amongst other outcomes, may increase. Given that numerous studies have shown that some democracies may be backsliding to authoritarianism, it is important to study a crucial aspect of what differentiates democracies from other forms of government, and from each other. Therefore, I developed a database to analyze the relationships and differences between countries, their electoral systems, disproportionality levels, and voter turnout levels.

24. EVALUATING THE PRESENCE OF ACES, MENTAL ILLNESS, AND POVERTY IN JAIL POPULATIONS IN THE CHIPPEWA VALLEY

Presenters: Natalie Barry, Allison Schwarz, Mackenzie Shay, Callie Vogel & Christine Zielinski

Faculty nominator: Ruth Cronje, English

In the Chippewa Valley, many individuals with mental health problems and childhood trauma are placed into incarceration. Our local Chippewa Valley counties lack the resources to systematically evaluate individuals' mental health and childhood trauma status when they are booked into our jails. Our community-based research project partners with our local counties' Departments of Justice and Departments of Human Services, and with our local chapter of Ex-Incarcerated Persons Organizing (EXPO), to capture data to investigate these health and life circumstances of individuals incarcerated in our jails. Our screening instrument is a compilation of several validated instruments to screen for ACEs, resilience, traumatic brain injury, and mental illness, as well as additional questions created in partnership with EXPO to evaluate individuals' housing, employment, and healthcare situations prior to arrest. Our semi-annual screenings of any incarcerated individuals who are willing to participate provide the counties with longitudinal data that allow them to provide services for the jailed and released individuals they serve and provide EXPO with evidence to support their platform for incarceration reform.

25. PERPETRATION OF CLERGY SEXUAL ABUSE: EXPOSURE OF INSTITUTIONAL SEXUAL ABUSE WITHIN ONE ARCHDIOCESE

Presenters: Nathalie Burmeister & Vanessa Evenson

Faculty nominator: Jason Spraitz, Political Science

As part of bankruptcy and settlement agreements, several Catholic dioceses have recently unsealed personnel files of priests who have been credibly accused of child sexual abuse. The Archdiocese of Chicago is one such institution. Employing a retrospective content analysis approach, the research team coded 66 files containing nearly 22,000 pages of documentation for evidence of grooming, neutralization, concealment, and other behaviors. While conducting the analysis, two names and a distinctive pattern of behavior stood out to research team members. This presentation outlines how two accused priests partnered together to sexually abuse children and details how many knew what was going on but did not stop it. Broader connections to an overall pattern of institutional sexual abuse within the archdiocese are discussed. Additionally, suggestions for improving prevention mechanisms and institutional processes are made.

26.AN ANALYSIS OF COMPUTER-GENERATED NONPARTISAN REDISTRICTING

Presenter: David Edwardson

Faculty nominator: Kelly Wonder, McNair Program

This project focuses on analyzing the nonpartisan voter redistricting tools that are currently being developed to understand how these tools may or may not disenfranchise racial or ethnic minority voters within all 50 states. Due to recently public support and interest in the realm of preventing the practice of gerrymandering, large strides have been made in the field of computer science. I use a data mining approach to determine how well these algorithms achieve their goals.

27. NUMERICAL MODELING OF MICROMETEORITES

Presenter: Tyler Gonzales

Faculty nominators: Phillip Ihinger, Geology & Paul Thomas, Physics and Astronomy

Numerical methods have been utilized in applied mathematics and physics for decades. The numerical simulation of trajectories of particles is an interesting topic to many including physicists, mathematicians, and geochemists. Quite frequently, interplanetary dust particles fall to Earth's surface and can be separated from terrestrial dust and

analyzed. In this study, Mathematica is used to create a simple preliminary model to represent various characteristics of such particles. A hint into future work with Python, numerical PDEs, and hydrocode modeling may be discussed time permitting.

28. SYNTHESIS AND TESTING OF INTERFACIAL TENSION OF STIMULI-RESPONSIVE COPOLYMERS FOR ARCHITECTURAL COATINGS

Presenter: Cole Castel

Faculty nominator: Elizabeth Glogowski, Materials Science and Engineering

Architectural coatings, which include paints, primers, and stains, require complex formulations to generate materials with the desired properties. Polymer dispersants improve the dispersion of titanium dioxide, a major component in architectural coatings. Stimuli-responsive copolymers have the potential to improve upon existing polymer dispersant technology. Copolymers with controlled structure have been synthesized using different controlled free radical polymerization methods in order to select the most efficient and environmentally benign polymerization method. Polymer structure was determined by Nuclear Magnetic Resonance Spectroscopy and Gel Permeation Chromatography. Polymer dispersant properties were measured using Pendant Drop Tensiometry to determine the interfacial activity of the copolymers at the oil-water interface as a function of temperature, pH, and polymer concentration. Interfacial activity is used as a proxy for dispersant effectiveness. Additional characterization includes viscosity and viscoelasticity measurements in combination with interfacial activity to determine the effectiveness of these new copolymers as polymer dispersants for architectural coatings.

29. FORECASTING U.S. MANUFACTURING

Presenters: Breanna Fryza, Hannah Johnson & Will Ullrich

Faculty nominator: Yan Li, Economics

Forecasting is vital and has far-reaching impact on business performance and economic development. Manufacturers' shipments and new orders are two crucial indicators, because they reflect the health and strength of an economy. By using a linear regression model with autoregressive-moving-average components along with monthly census data dating back to 1992, we carried out a forecasting on U.S. manufacturing capacities in a few industrial sectors across the United States. Our model generates quality forecasts and allows us to predict how U.S. manufacturing may vary over the next few years.

30. MONEY CANNOT BUY HAPPINESS: WHY INDIANS ARE LESS HAPPY?

Presenters: Philip Long & Jens Lund
Faculty nominator: Yan Li, Economics

India's GDP has doubled since 2009, while its average happiness has declined by about 1.2 points to 133rd in the world, according to the Report's Happiness Index (2019). In this project, we investigated the issue of happiness in India. By using data from the World Value Survey (WVS), we empirically tested how various factors related to the overall Indian happiness. Our results will add new knowledge to the happiness research in the context of developing countries and contribute to the understanding of economic well-being.

31.ZERO-WASTE PHILOSOPHY IMPLEMENTATION AT UW-EAU CLAIRE: INITIAL STEPS IN ADDRESSING STUDENT PERCEPTIONS AND TACKLING INSTITUTIONAL BARRIERS

Presenter: Lillian Strehlow

Faculty nominator: Scott Clark, Geology

A zero-waste philosophy provides a holistic approach to remedying the consequences of a throw-away mentality by significantly reducing the amount of waste going into landfills. Zero waste encompasses a product's entire life

cycle from materials mining, through manufacturing, use, and end-of-life fate. The objective of this student-initiated study is to move UW-Eau Claire toward becoming a regional model of the zero-waste philosophy. Two initiatives were undertaken to achieve this objective: The first was the design and implementation of an educational waste-sorting game during welcome week; the second was a series of interviews with sustainability stakeholders at a university that has a successful zero-waste program. Pre- post- and end-of-semester survey responses from the waste-sorting outreach effort are suggestive of the potential impact of early interventions. Interviews at the zero-waste-established university provide insights into generalizable practices to overcoming individual and institutional inertia (e.g., resistance to changing one's habits and long-standing paradigms). While it will be challenging to achieve the overall goal of reducing consumption and resource loss, a successful zero-waste philosophy could be implemented at UWEC.

32. SEDIMENTOLOGY OF A POTENTIAL TIMISKAMING-TYPE ASSEMBLAGE IN THE STURGEON LAKE GREENSTONE BELT, NORTHWESTERN ONTARIO: IMPLICATIONS FOR GOLD EXPLORATION

Presenter: Makayla Chandler

Faculty nominator: Robert Lodge, Geology

Timiskaming-type assemblages are known to be spatially associated with gold deposits in Archean (<2.5 billion year old) cratons. At typical localities, conglomerate units were deposited in narrow, transtensional "pull-apart" basins and are often associated with calc-alkalic to alkalic magmas promoting circulation of the gold-forming fluids. Sedimentary and structural observations of the Ament Bay Assemblage of the Sturgeon Lake greenstone belt reveal alluvial-fluvial sedimentary facies that are similar to gold-bearing rocks elsewhere in Ontario and Quebec. The penetrative subvertical foliations, stretching lineations, and inclusions of pre-deposition deformed clasts are consistent with post-D1 events associated with gold-bearing, Timiskaming-type structures elsewhere in the Superior Province. Additionally, the Ament Bay features a linear distribution, has a half-graben architecture, and is spatially associated alkalic intrusions. These characteristics define the Ament Bay as a Timiskaming-type basin and defines a new regional gold exploration target.

33.ASSESSMENT OF THE SOURCE AND MOBILITY OF PHOSPHORUS IN THE HYDROLOGIC SYSTEM IN WESTERN WISCONSIN

Presenter: Emily Finger

Faculty nominators: Sara Vitale & Brian Mahoney, Geology

Lake eutrophication due to nutrient loading is a growing problem across the upper Midwest, causing a loss of recreational tourism and aquatic biodiversity, and adverse impacts on human health. Although eutrophication is often blamed on anthropogenic sources, preliminary results suggest a notable amount of nutrient loading may be petrogenic. The objective of this investigation is to distinguish the source of phosphorus in surface and groundwater systems in western Wisconsin, and to understand mechanisms behind phosphorus mobility. The project includes a regional analysis of surface (n=45) and municipal groundwater (n=15) samples in western WI to obtain a baseline spatial phosphorus distribution and an understanding of the geochemical environment. Sequential extraction analyses of phosphorus-bearing geologic units help determine the natural conditions under which phosphorus may be mobilized. Results demonstrate groundwater phosphorus concentrations frequently exceed WI surface water regulatory limit (max 100 ppb), and that phosphorus is highly mobile along flow pathways into lakes and streams. Developing a comprehensive understanding of phosphorus migration in Wisconsin's regional hydrologic systems is important to implement effective lake and waterway management.

34. REPRESENTING A STATE: SHIFTING THEMES IN MINNESOTA'S OFFICIAL STATE HIGHWAY MAP

Presenter: Josie Myers

Faculty nominator: Ezra Zeitler, Geography and Anthropology

Since the mid-1930s, highway maps distributed by the State of Minnesota have become more detailed and comprehensive while integrating themes reflecting aspects of the state's diverse economic activities. This study identifies the themes emphasized in Minnesota highway maps, how they have changed over the past century, and how technological advancements in map production have influenced the cartographic elements employed in their design. A manifest content analysis of imagery and text in eleven highway maps produced between the years of 1936 and 2019 reveals several thematic paradigms. Recent scholarship in feminist cartography informed a critical latent analysis of the sampled maps and highlighted an equitable inclusion of women but revealed problematic representations of Indigenous peoples. This insight informed in the creation of an alternative state highway map for Minnesota – one that emphasizes Indigenous histories and contemporary presence and reintroduces classic design elements that were lost as production became more computer-based in the late 20th century.

CHANCELLORS

35.EXAMINING FICTIONS OF OCTAVIA E. BUTLER: TEXTS AND CONTEXTS

Presenters: Rachel Davies & Julian Emole

Faculty nominator: Janice Bogstad, McIntyre Library

Further in-depth exploration begun in the Fall 2019 University Honors colloquium, "Octavia Butler: Fictions, Influences and Other Writings," course explores religion and slavery in two novels, Parable of the Sower, set in the near future and Kindred, set in the Antebellum south. The focus is power dynamics within carefully drawn social systems, first an extrapolation of how our future could look and second an eerily familiar exploration of the past. Davies and Emole use Butler's invented religion, Earth Seed, in the Parable novels (Parable of the Sower & Parable of the Talents). Julian Emole identifies elements of the Yoruba and the Igbo religion used by Butler to model her version of Earthseed, a belief system and to contrast it to Christianity. He also explores the Igbo religious influences in Kindred. Rachel Davies examines the motives and probability of success for the protagonist, Lauren, in the Parable novels, as she attempts to create communal societies, based on utopian thought. Each paper explores Butler's reflections on power and slavery in the past and future as techniques for defamiliarizing our view of the present.

36.LEXICAL MARKERS OF IDENTITY IN THE DIALOGUE OF HOBBITS: THE FELLOWSHIP OF THE RING

Presenter: St. Clare Isaiah Tomashek

Faculty nominator: Janice Bogstad, McIntyre Library

Tolkien's dialogue in The Lord of the Rings has been analyzed broadly before, but never, to our knowledge, on a character-by-character basis. In this presentation, we reflect on Tolkien's use of diction in the speech patterns of four major characters: Frodo, Pippin, Merry, and Samwise. We focus on the words and phrases each character uses that represent and develop their respective identities. Specifically, we expect the dialects of each character to be reflective of their education, age, and social class. Herein, we examine dialogue samples for each character (extracted from the first novel of the trilogy) which were cataloged and analyzed. Eventually, this examination of Tolkien's lexical choices will be extended to other Lord of the Rings novels to determine if the diction of these four characters changes, affecting our perception of them as they move through diverse circumstances. We also expect examinations of Frodo, Pippin, Merry and Samwise's characters in relation to their lexical choices to illuminate yet

another level of technique in Tolkien's literary accomplishment: representing detailed character traits via unique dialect.

37. DE-MYTHIFYING THE MYTHIC HERO: THE CASE OF JOSÉ MARTÍ

Presenter: Miranda Fernandez

Faculty nominator: Manuel Fernandez, Languages

José Martí, prolific and influential Cuban writer of the late 19th century, is the single most consequential person in the nation's history and an important figure in Latin American literature. He is often deified, and rarely are his works examined critically in the Spanish-language learning classrooms where they are taught. This project is ultimately aimed at creating a course that gives a clearer, broader, more even-handed and critical view of the Cuban hero and writer. While Martí is often portrayed as heroic, there is recent scholarship that interrogates this image (see Camacho, Etnografía, política y poder: José Martí y la cuestión indígena and Morán, Martí, La justicia infinita: Notas sobre ética y otredad en la escritura martiana (1875-1894)). Our project has focused on reading and discussing selected texts by Martí that complicate him as a figure and assessing their suitability for an advanced literature class taught in Spanish that can more deeply analyze his works and his image, in order to reflect on the production of the 'mythic' hero and nationalist discourses.

38. RESEARCH IN PHONETICS ACQUISITION AS L2 IN SPANISH 325: AFFECTIVE AND CONTEXTUAL FACTORS

Presenters: Ally Heidorn & Makayla Kapalczynski

Faculty nominator: Fabiola Varela-Garcia, Languages & Jeff Goodman, Psychology

This project Research in Phonetics Acquisition as L2 in Spanish 325: Affective and Contextual Factors examines which pedagogical and affective factors are significant when UWEC students learn Spanish phonetics and pronunciation as a second language in the classroom.

Our study addresses the following research questions:

- 1. Do students learn Spanish pronunciation in all classes regardless of methodology?
- 2. Does type of methodology used in teaching Spanish phonetics and pronunciation as L2 have an impact on learning outcomes?
- 3. Are there interactions between time (PRE and POST) and type of instruction affecting learning outcomes in the classroom?

The use of different methods such as formal instruction, communicative approach and standard teaching allows us to identify best practices. Our preliminary results using PRE and POST data collected in fall 2019 show the overall weight of teaching methods on learning outcomes and some interactions when learning specific sounds.

Once we complete data collection and analysis at the end of spring 2020, we will arrive at final conclusions that will enable us to adjust our UWEC 325 curriculum and to share our findings with the research community..

39. ORAL HISTORY OF THE WORK EXPERIENCE OF HMONG REFUGEES

Presenters: Sarah Her, Julia Lee, Henry Thao & Yer Yang

Faculty nominators: Wayne Carroll & David Schaffer, Economics

In this project, Hmong students are interviewing Hmong elders to record their stories about their early years in the U.S., with a focus on the elders' labor-market experiences. Labor-market statistics show that it was difficult for many Hmong refugees to find jobs after they arrived in the U.S., so their economic progress was slower than that of other refugee and immigrant groups, on average. These interviews with Hmong elders bring the labor-market

statistics to life by providing examples of the employment challenges that new refugees encountered when they arrived, the tradeoffs they faced between work and family, and their gradual progress over time. The project gives the student researchers an opportunity to practice their Hmong language skills, since they must translate the consent form into Hmong and translate the interviews into English. Audio recordings of the interviews will be archived, along with Hmong and English transcriptions, in the Critical Hmong Studies Center, so they can be shared with other students and scholars on campus and the broader Hmong community.

40. FUTURE CLINICIANS' PERCEIVED PREPARATION FOR WORKING WITH CULTURALLY AND LINGUISTICALLY DIVERSE POPULATIONS

Presenter: Caryn Donahue

Faculty nominator: Mary Beth Leibham, Psychology

The population of the United States continues to become more diverse each year with the growth rates of minority populations steadily outpacing the growth rates of the majority, white population. According to the U.S. Census Bureau, "all racial and ethnic minorities are growing faster than whites" (2016). Because of this increase in diversity, it is important that aspiring clinicians are prepared to work with culturally and linguistically diverse clients. The purpose of this study was to explore UWEC undergraduate and graduate Communication Sciences and Disorders (CSD) students' perceived preparation to work with culturally and linguistically diverse clients, as well as their ability to distinguish between a speech and language difference versus a disorder. Specifically, three variables were assessed: 1) CSD students' self-reported self-efficacy for working with culturally and linguistically diverse topics, and 3) their ability to differentiate between a speech and language difference versus a disorder. It is expected that students' reported academic exposure to diversity-related topics will be associated with their ability to distinguish between a language difference versus a disorder and their self-efficacy.

41. THE "SYMMETRICAL BATTLE" EXTENDED: OLD NORSE FRÁNN AND OTHER SYMMETRY IN NORSE-GERMANIC DRAGON LORE

Presenter: Julian Emole

Faculty nominator: Matthew Waters, Languages

Previous endeavors to identify a common origin of the dragon-slayer myth (and its many derivatives) in the Indo-European language family have produced mixed results, due in part to the ubiquity of dragon lore. In fact, not much has been said about the Norse-Germanic dragon's relationship to the dragons of classical antiquity. To determine whether the Norse-Germanic dragon was demonstrably influenced by the Graeco-Roman dragon, this research utilizes a multi-disciplinary approach, namely linguistics, literary criticism, art history, and archaeology. An analysis of the Norse-Germanic dragon analogous to Ogden's analysis of the Graeco-Roman dragon is an ideal point of reference. Moreover, this research focuses specifically on the tendency among classical authors to portray symmetry between serpent and adversary. This aids in clarifying the origin of certain features of the dragon lore in at least one of the Indo-European language branches.

42. SAFE SPACES FOR LGBTQ+ YOUTH: BUILDING INCLUSIVE COMMUNITIES THROUGH THE CLASSROOM

Presenters: Emma Nickerson & Darien Olson

Faculty nominator: Theresa Kemp, English

This project developed out of an ORSP-sponsored community-based collaboration with the Education Pillar of Safe Spaces Coalition of the Chippewa Valley (SSC-CV) and working with leadership teams from the Eau Claire Area School District (ECASD) and the Chippewa Falls Area Unified School District (CFSD). The project resulted in the development of 3-hour training curriculums for K12 educators on best practices for creating more inclusive school

environments for LGBTQ+ youth. The curriculum presented aligns with Wisconsin Department of Public Instruction (DPI) mandates and responds to calls by the Wisconsin Youth Risk Behavior Survey (YRBS) as well as other state and national agencies for creating more inclusive learning environments for LGBTQ+ youths. In collaboration with SSC-CV's Education Pillar, these trainings were delivered to over two hundred K12 teachers and staff during regularly scheduled Professional Development dates during the 2019-2020 academic year. Trainings included Chippewa Falls' Cardinal Conference for middle- and high-school teachers and staff (November 2019), the Cardinal Conference for elementary teachers and staff (January 2020), and Manz Elementary (January 2020).

43. THE POWER OF A NAME: EXPLORING THE ANGLICIZATION OF POC NAMES AS A FORM OF MODERN COLONIALISM

Presenter: Maria Villa-Rivera

Faculty nominator: Theresa Kemp, English

This research project, The Power of a Name, is focused on the cultural dissonance felt by people of color through the anglicization of their names in American institutions. It stems from the observation that there has been a history of American colonization of marginalized people's identities for centuries that has enforced the assimilation and acculturalization of these groups. This project aims to look at this aspect of colonization and research the history of renaming oppressed groups in the United States to show the progress that led to the more contemporary anglicization of immigrant children's names in public schools. This resulted in an exploration of how historical and contemporary renaming has influenced national identity, and self-perception in multilingual school- and collegeaged individuals through the study of Critical Race and Postcolonial theorists and interviews with UWEC multicultural students.

44. THE EFFECTS OF VIOLATING SELF-DISCLOSURE EXPECTATIONS ON PERCEPTIONS OF COMPETENCE AND LIKABILITY: DIFFERENCES IN FACE-TO-FACE AND ONLINE SETTINGS

Presenters: Jenna Burchesky, Kaitlyn Claeys & Zoe Kinner

Faculty nominator: Kristine Knutson, Communication and Journalism

In a test of Expectancy Violation Theory (Burgoon, 1978) this study seeks to understand how individuals assess the communication competence and likability of strangers dependent on how the stranger was met (i.e., face-to-face or online) and whether the stranger violated expectations for initial interactions. In this experiment, we use Social Penetration Theory (Altman & Taylor, 1973) to guide the creation of videos depicting an unknown other initiating a conversation in four experimental conditions: (a) online, expectancy not violated; (b) online, expectancy violated; (c) face-to-face, expectancy not violated; (d) face-to-face, expectancy violated. Participants took part in an online simulation wherein they watched a randomly assigned video and then assessed the competence and likability of the individual in the video. We expect that the individuals in the videos will be perceived as more competent and likable when they don't violate expectations. If expectations are violated, then those who violate expectations online will be perceived as more competent and likable than those who violate them face-to-face.

45. EXPLORING CREATIVE DIVERSITY IN THE MIDDLE: CURATING THE FOSTER GALLERY EXHIBIT "MIDWEST QUEERITIVITIES"

Presenters: Sarah Ferraro, Kristina Tlusty & Adam Yarish

Faculty nominators: Cedar Marie, Art and Design & Stephanie Turner, English

This project engaged students and faculty across two disciplines, Art and Design and English, in collaboratively researching, planning, developing, and implementing a multimedia exhibit of creative work in the university's Foster Gallery that we shared with the university and Eau Claire community during spring semester 2020. Together, faculty mentors and students explored the question, how are contemporary artists and writers here, in Middle America, queering—that is, challenging received ideas about—the people, landscapes, and cultural traditions of

the American Midwest in order to critically examine and see them anew, thus encouraging more constructive dialogue? This question has special urgency in our politically polarized climate, which tends to divide people more than unite us. "Queer" approaches to creative practice, while acknowledging the importance of identities, seek to surpass notions of identity as fixed and given, founded on interconnected social norms privileging whiteness, gender binaries, and regionalism. By bringing to campus a carefully curated collection of artwork and writing by Midwestern creatives who "queery" these norms from diverse vantage points, students and their faculty mentors illuminated the uniquely important role that art and writing can play in fostering a transformative self-awareness about the many ways of being Midwestern today.

46. DEVELOPMENT OF PHILOSOPHY OF RACE CLASS

Presenter: Killean Carter

Faculty nominator: Matthew Meyer, Philosophy and Religious Studies

Philosophy of Race is will be a new class at the University of Wisconsin-Eau Claire in the Fall of 2020. It was a product of a SoTL Summer Grant through CETL and ORSP. The presentation will incorporate a discussion of both the development and planned aspects of the course. This class was co-developed by a faculty-student pair, Killean Carter and Matt Meyer. For more than 12 weeks both sides of this pair researched literature and other forms of media for at least 20 hours, the pair would then reconvene in person to share their findings and trade materials. Each side wanted to include many of the same things though each partner was influential in ensuring that diverse topics, pieces, and media were included. Topics discussed include the history of race, race and ignorance, whiteness, the intersection of race and class, education, post-racialism, empowerment, different racisms, and more. This class aims to open students up to multiple new frames of view, challenges them to confront the knowledge presented, and produce meaningful work to demonstrate their growth.

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Fernandez, Manuel	Languages	37
Fernandez, Miranda Victoria	English, Critical St in Lit & Spanish	37
Ferraro, Sarah Joanne	Art, Photography	45
Finger, Emily Marie	Geology, Hydrogeology	33
Forman, Pamela J.	Sociology	13
Fryza, Breanna Hope	Economics, Liberal Arts	29
Ganser, Jackie	Nursing	12
Glogowski, Elizabeth M.	Materials Science & Engineering	28
Gmeiner-Anderson, Aleah Rose	Environmental Public Health	15
Goodman, Jeffrey A.	Psychology	38
Gonzales, Tyler Jules	Math, Research	27
Grunzke, Savanna Rose	Geography, Environmental	17, 18
Hart-Brinson, Peter K.	Sociology	14
Haschke, Cole Loren	Nursing	2
Heidorn, Ally Jane	Rehabilitation Science & Spanish	38
Hein, Lindsay Clare	Communication Studies	1
Helmuth, Shawna Renee	Nursing	11
Her, Sarah	Management	39
Hoffmann, Reed McGuire	Political Science	23
Huftel, Grace Margaret	Psychology, Liberal Arts & Sociology	14

Name	Major(s)/department	presentation #
Hugunin, Angela Jean	English, Creative Writing & French	16
Ihinger, Phillip	Geology	27
Jacobson, Megan Lynn	Nursing	11
Jang, Won	Communication & Journalism	17, 18
Jamelske, Eric M.	Economics	5, 6, 17, 18
Johnston, Hannah Grace	Economics, Business	29
Johs-Artisensi, Jennifer L.	Management & Marketing	3
Jonasen, Olivia Kathryn	Accounting & Economics, Business	5, 6
Kapalczynski, Makayla Anne	Biology & Spanish	38
Kawak. Katrina	Environmental Public Health	15
Kawamoto, Sakumi	Economics, Liberal Arts	17, 18
Kemp, Theresa D.	English	42, 43
Killoren, Josephine Kelly	Environmental Public Health & Biology	15
Kinner, Zoe	Communication Studies	44
Kishaba, Thomas Albert	Communication, Organizational	1
Knuth, Chloe LeMei	International Business & Management	17, 18
Knutson, Kristine M.	Communication & Journalism	1, 16, 44
Kulich, Caleb Alan	Communication, Organizational	17, 18
Lanser, Alaina M	Nursing	9
Ledwith, Zach	Marketing	5, 6
Lee, Julia	Journalism	39
Leibham, Mary Beth	Psychology	40
Li, Yan	Economics	29, 30
Liew, Aubrey Yuen Wei	Biochem/Molecular Biology	5, 6
Lodge, Robert W.D.	Geology	32
Long, Philip Sheridan III	Biology & Ecomonics, LA	17, 18, 30
Lu, Der-Fa	Nursing	9
Lund, Jens Kielland	Business Finance & Economics, Business	30
Lyman Gingerich, Jamie S.	Biology	20
Mahoney, J. Brian	Geology	33
Mallmann, Eric Andrew	Mathematics, Applied/Statistics & Economics, LA	17, 18
Marcyjanik, Diane L.	Nursing	4
Marie, Cedar	Art & Design	45
Matthews, Douglas B	Psychology	19, 20
McCauley, Halli Virgina	Nursing	9
Meyer, Matthew P.	Philosophy & Religious Studies	46
Miller, Sydney Jean	Biology, Microbiology	7
Misorski, Olivia Lynn	Integ Strategic Comm, PR	16
Montie, Amelia Dora	Information Systems BBA & Sociology	13

Name	Major(s)/department	presentation #
Mota, Dalete D	Nursing	7
Muehlenkamp, Jennifer J.	Psychology	21
Myers, Josie Catherine	Geography	34
Nickerson, Emma Gloria	English, Teaching & French, Teaching	42
Norman, Madeline Louise	Nursing	9, 10
Olsen, Jeanette Melissa	Nursing	10
Olson, Darien Timothy	English, Critical St in Lit	42
Owens, Carley Ann	Neuroscience	21
Pardon, Heidi Christina	Nursing	4
Peoples, Summer Georganne	Nursing	11
Pfaff, Morgan Frances	Rehabilitation Science	9
Pierce, Crispin H.	Watershed Institute	15
Razmpour, Omid	Nursing	9, 10
Recine, Ann Christine	Nursing	11
Reckin, Katelyn Rose	Management, Oper/SCM & Economics, Business	5, 6
Reynolds, Hailey Shea	Economics, Business	5, 6
Scaletty, Samantha Jo	Neuroscience	19, 20
Schaffer, David L.	Economics	39
Schreiber, Areonna Christine	Neuroscience	19
Schwarz, Allison Louise	Psychology	24
Seeger, Laura Helen	Psychology & Communication Studies	44
Shay, Mackenzie Anne	English, Teaching & Spanish, Teaching	24
Spraitz, Jason D.	Political Science	25
Stephani, Shelly Mae	Economics, Liberal Arts	5, 6
Strang, Lyndsey Vogler	Nursing	4
Strehlow, Lillian Jean	Liberal Studies & Economics, LA	31
Teh, Zhi Yee	Biology, Ecol & Envir	16
Tester, Jamie Ann	Social Work	22
Theisen, Anna	Nursing	11
Thomas, Paul Jonathan	Physics & Astronomy	27
Thao, Henry	Materials Science & Engineering	39
Tillotson, Victoria Lynn	Psychology	20
Tlusty, Kristina Eleanor	Art, Graphic Communication	45
Tomashek, St. Clare Isaiah	English, Linguistics	36
Trapp, Sarah Lynn	Neuroscience	19
Turner, Stephanie S.	English	45
Ullrich, Will	Economics, Business & Business Finance	29
Varela-Garcia, Fabiola	Languages	38
Villa-Rivera, Maria Regina	English, Critical St in Lit	43

Name	Major(s)/department	presentation #
Vitale, Sarah A	Geology	33
Vogel, Callie Barbara	Biology & Spanish	24
Vue, Joseph	Environmental Public Health	15
Waters, Matthew W.	Languages	41
Wonder, Kelly A.	McNair Program	8, 26
Worner, Ben	Liberal Studies	16
Worzalla, Katelyn	Psychology	17, 18
Yang, Seana	Eled, Mid/Early Adolescen	39
Yang, Yer	Undeclared	39
Yarish, Adam William	English, Critical St in Lit	45
Zeitler, Ezra J.	Geography & Anthropology	34
Zielinski, Christine Marie	Criminal Justice	24

