



SAFIRE

STAFF AND FACULTY
INNOVATION & RESEARCH
EXHIBITION

Thursday, February 23
Beneficial-Hodson Library and Learning Commons

Hood College

8:45 AM – 5 PM

#SAFIREatHood

Schedule of Events

8:45 – 9:40 AM	Session A: Storytelling Through Different Lenses Moderated by Toby Peterson Room 2006
9:50 – 11:15 AM	Session B: Student-Centered Learning Moderated by Michelle Gricus Room 2006
11:25 AM – 1:15 PM	Session C: Advocacy in Action Moderated by Cathy Breneman Room 2006
1:15 – 2 PM	Poster Session 1 st floor lobby Refreshments served
2 – 3:25 PM	Session D: Creative Cooperation Moderated by Emily Belknap Room 2006
3:35 – 5 PM	Session E: The Politics of Difference Moderated by Jessica Hammack Room 2006

Session A
Storytelling Through Different Lenses

8:45 – 9:40 AM

Room 2006

Moderator: Toby Peterson

8:45 AM Fanciful Union: State and Nation on Hobbes’s Emblematic Engraved Title Page for Leviathan (1651)

Katherine Robiadek, Political Science

Abstract: Nationhood features prominently in literatures from the three kingdoms that Stuart monarchs tried to rule in union during Hobbes’s life. Strands of these respective early modern literary traditions challenge tying loyalty to a particular monarch instead of the nation distinctly. The engraved title page for English political theorist Thomas Hobbes’s book, *Leviathan* (1651), seemingly echoes such a literary challenge by representing the body politic not as a specific ruler, but rather as an abstraction; specifically, of his corporate theory of a sovereign national state. Thus, Hobbes addresses the contemporary politics of union by depicting the borders of the nation congruent with the state as sovereign on my reading.

9:15 AM The Black Mamas Building Bridges (BMBB): Developing Community Partnerships with a Local Health Department to Improve Maternal and Infant Health Outcomes

Yewande Oladeinde, Public Health

Abstract: We describe strategies for developing bidirectional partnerships with the Frederick County Health Department (FCHD) and Black mothers in Frederick to address maternal and infant health disparities. Using key principles of Community Based Participatory Research (CBPR) allows for Black mothers to be engaged in research and community health planning. We describe some evidence-based practices employed in active community engagement, address challenges, and offer solutions for sustainability. Accomplishments include, BMBB advocating for a health disparities research study, participating in the Community Health Needs Assessment process, playing an integral role in Family Connects home visiting program. Actively ensuring those most impacted by the inequities are engaged in the research and decision-making will lead to success in addressing maternal and infant health disparities.

Session B
Student-Centered Learning
9:50 – 11:15 AM
Room 2006
Moderator: Michelle Gricus

9:50 AM The Dangers of KISSing and Other Mnemonic Devices
Christy Graybeal and Tricia Strickland, Education

Abstract: The use of mnemonics is frequently part of mathematics instruction; however, mnemonics often focus on rote procedures rather than conceptual understanding. Participants will distinguish between mathematically appropriate mnemonics and mnemonics that may lead to students' misconceptions and overgeneralizations.

10:20 AM Strange Terrain
Chaz Martinsen, Art and Archaeology

Abstract: This body of work utilizes the synergy of digital fabrication techniques and the ceramic process to explore the connection and unity of spaces through the imagery of a topographical environment. The importance is placed on the overall image, which requires the cooperation and existence of the many modular pieces to create a unified image.

The work is influenced by data from NASA which is used to create a three-dimensional topography generated from two-dimensional information through the partnership and cooperation of scientists, engineers, and an artist.

10:50 AM Supporting Graduate Students of Color Attending PWIs
Atiya R. Smith, Psychology and Counseling

Abstract: Pursuing a graduate degree can be a challenging task. Students must often complete rigorous coursework, engage in critical self-reflection, find a sense of balance with personal responsibilities, and expand their professional identity. For students of color attending graduate programs at PWIs, their experiences can be even more complex. This presentation will present findings from the literature, findings from an original research study, and strategies to aid in their success.

Session C
Advocacy in Action
11:25 AM – 1:15 PM
Room 2006
Moderator: Cathy Breneman

11:25 AM Just Keep Meeting: Parental Expectations for Satisfying IEP Team Meetings
Amy Kilpatrick, Education

Abstract: Using qualitative methodology, we examined four focus groups of 43 parents of students with disabilities about their experiences with the individualized education program (IEP) meeting process, including suggestions for improvement. Key practices that lead to parent satisfaction included: (a) conveying a strengths-based perspective about the student, (b) utilizing meeting strategies, (c) working together as a team, (d) bringing outside support to the meeting, (e) learning about the IEP process ahead of time, and (f) having a supportive educator available to advocate for the student. Implications for future research and practice are discussed.

11:55 AM Ambassadors, Mentors and Moguls: Leveraging a Graduate Student Workforce for Creative Marketing Solutions
Tanith Fowler Corsi and April Boulton, The Graduate School

Abstract: Based on our office mission, we strive to recruit talented students to our graduate programs. In this talk, we explore some innovative approaches to market effectively on a constrained budget, while engaging an increasingly diverse graduate student body in the process. We share how we have leveraged our graduate-student workforce to develop an application peer program, marketing ambassadors and engaged social-media moguls. We will share practical solutions for utilizing and empowering a diverse graduate-student body (e.g., international, military, students of color) to help market our alumni success stories, unique program features, and student and faculty highlights.

12:25 PM Exploring the Mental Health Needs of Families of Volunteer First Responders: Considerations for Counselors
Erik Messinger and Shannon Shoemaker, Psychology and Counseling

Abstract: Volunteer first responders are individuals who routinely respond to emergencies daily. These individuals risk their lives in service to the community and without their efforts many lives would be lost. Often forgotten are the family members of volunteer first responders who serve as the primary support for responders. These family members come to session with counselors having little to no experience with this population. This phenomenological research explores the themes of family members of volunteer first responders and how counselors can work with family members effectively.

12:55 PM **ChatGPT: Apocalypse or Renaissance for Science and Creativity?**
Kathryn Ryberg, Library

Abstract: The release of ChatGPT in late 2022 has been met with both praise and hand-wringing. This tool's enhanced language capabilities have been employed to create some remarkable—and not so remarkable—works. Will this tool enhance creativity or encourage cheating? How will we know whether a text was written by machine or a human? How does this tool change teaching and assignments? In this presentation I will share the potential and pitfalls of this tool and suggest new strategies for teaching and learning with ChatGPT.

Interdisciplinary Poster Session

1:15 – 2 PM

1st Floor

Social Work Process Group: A Classroom Mechanism for Personal and Academic Growth

Catherine Breneman, Sociology and Social Work

Abstract: Social work students complete a five-hundred-hour field placement in the community. Examples include mental health programs, substance use treatment facilities, public schools, forensic settings, and nursing homes. In field seminar class, social work students participate in a weekly process group over the course of the academic year. Through the group, they apply course content and learn about group process, facilitation, and membership, as they develop self-awareness and insight, about themselves and their entry into the social work profession. Student feedback and perceptions about this new learning practice, challenges and benefits, and future development of the group will be presented.

“Of all the social workers... I’m the bad one:” Impact of disciplinary action on social workers

Michelle Gricus, Sociology and Social Work

Abstract: The Code of Ethics of the National Association of Social Workers makes several professional responsibilities clear; however, no explicit duty exists to restore dignity and reintegrate a social worker who has been reported to the licensing board for engaging in unethical or unprofessional behavior. This qualitative study explored the experiences of 18 social workers who had been disciplined by their licensing board revealed that they were notably affected by the experience, citing negative psychological and personal impacts, long-term vocational concerns, poor treatment by the board, and the importance of support to endure the experience.

Use of Features and Geometry by Tiger Salamanders (*Ambystoma tigrinum*)

Shannon M. A. Kunder, Psychology and Counseling

Abstract: Salamanders must avoid predation and desiccation, making efficient navigation vital. We explored tiger salamanders’ (*Ambystoma tigrinum*) ability to use features and geometry. Salamanders learned to move to distinct columns placed in each corner of a rectangular box. Salamanders could have used geometric information, feature information, or both. After learning to navigate to the correct location, two tests were conducted. In one, the columns’ placements were jumbled. In the other, all columns were removed, leaving only geometric information. Overall, salamanders used feature information preferentially.

Rebels or Racists? Beliefs about the Confederate Flag's Symbolism and their Associations with Racism and Discrimination

Jessica McManus, Psychology and Counseling

Abstract: The purpose of the current studies was to examine the extent to which beliefs that the Confederate flag stands for remembrance, rebellion, or racism are associated racial attitudes (Study 1) and discrimination in helping situations (Study 2). In study one, participants completed questionnaires; results demonstrated beliefs that the Confederate flag stands for remembrance or rebellion were associated with negative attitudes toward Black Americans. In study two, participants read arguments stating the Confederate flag stands for remembrance, rebellion, or racism and then asked to help White or Black persons. Participants who disagreed with arguments stating the flag stands for racism were least likely to help Black persons. Our findings have important implications for race relations in the US.

Interdisciplinary Research at an Archaeological Site in Turkey

Jennifer Ross, Art and Archaeology

Abstract: Current excavations and research at the ancient site of Cadir Höyük in central Turkey focus on the effects of climate change on the economic and political situation at a rural settlement, over several millennia.

Session D
Creative Cooperation
2 – 3:25 PM
Room 2006
Moderator: Emily Belknap

2:00 PM **'We fight for roses, too': The 2022 Lincoln Mystery Plays**
Heather Mitchell-Buck, English

Abstract: Like so many of us, the 2022 Lincoln Mystery Plays struggled to rediscover their place in the world in the wake of the COVID-19 pandemic—yet it is exactly that challenge that helped this production of medieval drama speak truths sorely needed in our world today. This presentation highlights elements of the performance—including props, casting, scripts, and music—and shows how a small community production can remind us of the essential nature of the arts in times of crisis.

2:30 PM **Assessing Student Learning at Hood**
Nathan Reese, Office of Institutional Research and Assessment

Abstract: Ever wonder about the purpose of Chalk & Wire? This presentation describes how Hood instructors improve student learning by collectively reviewing student performance on key assignments. This process is called the assessment cycle, which describes the steps that continually take place to make sure that Hood is achieving its goals and mission.

3:00 PM **JSTOR Hood College Digital Photograph Collection**
Mary Atwell, Archives

Abstract: SAFIRE gives me the opportunity to show a variety of campus constituents the digital collection of Hood photographs I recently uploaded to JSTOR to create a Hood College Digital Photograph Collection. Over 2600 Hood-related photographs are now available online for campus members to view and use. Pictures say a thousand words and having the opportunity to present the collection to faculty, staff, and students will get the word out much more effectively than a simple email announcement.

Session E
The Politics of Difference

3:35 - 5 PM

Room 2006

Moderator: Jessica Hammack

3:35 PM Honor Among Thieves: How 19th Century American Pirate Publishers Simulated Copyright Protection

Ryan Safner, Economics

Abstract: From 1790 to 1891, the United States prevented foreign authors from obtaining domestic copyright protection, implicitly subsidizing a domestic reprinting industry. With foreign works a “free” and unprotected resource, American publishers created a system of voluntary norms, known as “trade courtesy” to create and enforce pseudo-property rights in uncopyrighted foreign works, simulating the effects of legal copyright protection. I examine the effectiveness and pitfalls of how this system managed the commons of unprotected foreign works.

4:05 PM COVID-19 Pandemic, Anti-Asian Hate Crimes, and East Asian Analyst Forecast Quality

Yankuo Qiao, The George B. Delaplaine Jr. School of Business

Abstract: This study examines how forecast behaviors of Asian financial analysts would change in face of the escalated anti-Asian crimes amid the COVID-19 pandemic. It is found that the forecast quality deteriorates during the COVID-19 pandemic. In particular, Asian analysts tend to issue financial forecasts of lower degree of boldness, higher level of pessimism, and reduced frequency. Utilizing staggered Difference-in-Differences approach (DiD), the paper identifies Anti-Asian hate crimes as the major cause for the inferior performance of East Asian analysts. The empirical evidence is robust to a battery of additional checks such as falsification test, parallel trend, p-matching, and alternative measures.

4:35 PM CLEAR: A Re-entry Story

Tina Barr, Sociology and Social Work

Abstract: In research-based art, the “results” of a project are in the form of art. CLEAR is a 10-minute short film about the day a woman who was wrongfully convicted and incarcerated is released from prison. The film is based on a study examining the experiences of people who were wrongfully imprisoned. Findings were distilled into a single composite story of a fictional character, Ember, and focuses on relational aspects between Ember and her family.

Special Thanks to

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