

CELEBRATION OF SCHOLARSHIP & CREATIVE ACTIVITY

29th Annual Event

Program

April 28, 2022

8:15 a.m. – 5:00 p.m.

Reeve Memorial Union

*OFFICE OF
STUDENT
RESEARCH
&
CREATIVE
ACTIVITY*



Schedule of Events

7:30 – 8:15 a.m. Registration and Exhibit Set Up	Reeve Union Ballroom 227
8:15 a.m. Welcome	Ballroom 227
8:30 a.m. – 4:00 p.m. Poster Exhibits	Ballroom 227
8:30 a.m. – 4:00 p.m. Visual Art Exhibits	Ballroom 227
8:45 – 10:00 a.m. Performance Presentations Session I	Ballroom 227
8:30 – 9:45 a.m. Oral Presentations Session I	Reeve Room 209
9:50 – 10:50 a.m. Oral Presentations Session II	Reeve Room 209
11:00 a.m. – 1:00 p.m. Poster Presentations	Ballroom 227
4:00 – 5:00 p.m. Provost's Awards Reception	Ballroom 227

Provost's Awards Reception

4:00 – 5:00 p.m.

Reeve Union Ballroom 227

Celebration of Scholarship and Creative Activity presenters, other student scholars, faculty mentors and guests are invited.

Refreshments will be served.

**Join us in recognizing the
Celebration of Scholarship and Creative Activity award winners,
as well as other student scholars and their faculty mentors.**

Oral Presentations Session I (8:30 – 9:45 a.m.)
Reeve Union, Room 209

Anthropocentrism and Other Problems in Animal History:
Methodological Reflections

Quill Graham (Dr. Michelle Kuhl, *History*)

The Raccoon

Leah Tollefson (Dr. John Mayrose, *Music*)

Efficacy of Local Refugee Integration Programs

Yessra Sankari (Dr. Samantha Larsen, *Public Administration*)

A Comparison of Natural and Artificial Digestion

Joshua Bowers (Dr. Sabrina Mueller-Spitz, *Biology*)

Oral Presentations Session II (9:50 – 10:50 a.m.)
Reeve Union, Room 209

Sustainability Pledges: Reducting Single-Use Plastics and Changing
Student Behavior

Jayvardhan Singh (Dr. Melissa Bublitz, *Marketing*)

But does it djent?

Mack Booth (Dr. John Mayrose, *Music*)

Adaptation and Perseverance of the Oshkosh State Teachers College
During World War II

Zachary Caldwell (Dr. Stephen Kercher, *History*)

Performance Presentations Session (8:45 – 10:00 a.m.)
Reeve Union Ballroom, Room 227

Tori Kovalls Senior Recital Russian Set
Tori Kovall (Dr. Anna Hersey, *Music*)

French Set: New Beggings
Sarah Leurquin (Dr. Anna Hersey, *Music*)

December Songs: December Songs: A Modern Work Showcasing the Best of
the Romantic Era
Megan Flood (Dr. Anna Hersey, *Music*)

Così Fan Tutte's Despina
Elsa Zank (Dr. Anna Hersey, *Music*)

Alejandra Gonzalez-Serna's Musical Theater Set
Alejandra Gonzalez-Serna (Dr. Anna Hersey, *Music*)

Visual Art Presentations Session (8:30 a.m. – 4:00 p.m.)
Reeve Union Ballroom, Room 227

Ceramic Art Exploration: A Dive into Making Custom Glazes
Ashlyn O'Brien (Dr. Craig Clifford, *Art*)

Fault
Jordyn Hussey (Dr. Trina Smith, *Art*)

Ceramic Production Mug Throwing
Emma Hathorne (Dr. Craig Clifford, *Art*)

Explorations of fiber through weaving
Sarah Vandersee (Dr. Andrew Redington, *Art*)

Poster Presentations (11:00 a.m. – 1:00 p.m.)
Reeve Union Ballroom, Room 227

- Heavy Metal and Metalloid Risk Assessment at Horicon National Wildlife Refuge **P1**
Sarah Woody (Dr. M. Elsbeth McPhee, *Biology*)
- Seed Coat Mucilage **P2**
Brittany Dupree and Mackenzie Seymour (Dr. Jessica Lucas, *Biology*)
- Compostable Products Research Project **P3**
Joshua Vue (Brian Langolf, *Director of Biogas Systems & Research Development*)
- Treatment with NSAID, but not Steroid, Curbs Inflammation in Adipose and Pancreas During Pre-hibernation Fattening in Ground Squirrels **P4**
Jewel Zur Tulod (Dr. Courtney Kurtz, *Biology*)
- A Comparison of Olfactory Genes in Vison Oriented Coleoptera **P5**
Mathew Price (Dr. Robert Mitchell, *Biology*)
- Pilot Studies in Plant Physiology to Identify Proteins Involved in Environmental Stress **P6**
Mackenzie Seymour (Dr. Jessica Lucas, *Biology*)
- Manganese Homeostasis in Bacteria: Interaction of the Small Protein MntS and Manganese Exporter MntP in *E. coli* **P7**
Mackenzie Seymour (Dr. Lauren Waters, *Chemistry*)
- Investigating the Effects of Winter Climate Change: Measuring Cold Tolerance Levels of Germinating Prairie Plant Species **P8**
Mackenzie Seymour (Dr. Laura Ladwig, *Biology*)
- Gems Amongst the Stones: Looking for a Newly-Identified Pre-Clovis Tool Complex in Old Collections **P9**
Eric Giese (Dr. Brett Hoffman, *Anthropology*)
- Soil Contamination of UW Oshkosh Bioswales **P10**
Joshua Dewhurst (Dr. Kevin Crawford, *Chemistry*)

Poster Presentations - Continued

- Ligand-Gated Ion Channels as Drug Targets to Kill Blood-Dwelling Parasitic Flatworms **P11**
Hailey Johnson (Dr. John Chan, *Chemistry*)
- On the Context and Implications of Mike Winkelmann **P12**
Nick Morrissey (Dr S. Evan Kreider, *Physics & Astronomy*)
- Fully Leptonic Charmonium Decays Using the PANDA Detector at FAIR **P13**
Olivia Mativi (Dr. Mark Lattery, *Physics & Astronomy*)
- Pressing Exercises with Blood Flow Restriction Incite Post- Activation Potentiation and Increase Pressing Power **P14**
Harry Orth, Savion Bebo & Hunter Fredrick (Dr Brian Wallace, *Kinesiology*)
- mmWave Imaging using Multistatic Imaging **P15**
Joe Sharp (Dr. Ahmed Nasif, *Electric Engineering Technology*)
- Sulfide Mineralization in NE Wisconsin at the Ordovician-Silurian Boundary: Implications for Groundwater and Evolution of the Michigan Basin **P16**
Patrick Rainey (Dr. Eric Hiatt, *Geology*)
- Pressure and Temperature History of the Watersmeet Terrane of Northern Wisconsin: Chemical Analysis of Metamorphic Minerals **P17**
Allison Chen (Dr. Benjamin Hallett, *Geology*)
- Validity of Body Mass Index Regarding Physical Fitness in Pre-Pubescent Youth **P18**
Rachel Blatz (Dr. Brian Wallace, *Kinesiology*)
- Understanding the Impact of Covid-19 on Students' Learning **P19**
Adanna Okeke (Dr. Paula McNeil and Dr. Catherine Schmitt, *Nursing*)
- An Approach of Mutual Information-based Characterization of Allosteric Molecules **P20**
Drosianos Louvaris (Dr. Ahmed Nasif, *Mechanical Engineering Technology*)

Poster Presentations - Continued

- Verbalization May Not Result in Underperformance: Verbal Overshadowing and Sounds **P21**
Luke Tacke (Dr. Justyna Olszewska, *Psychology*)
- Examining Feminist Women's Preferences to Male Ally Messages on Twitter **P22**
Ben Saltigerald (Dr. Anca Miron, *Psychology*)
- Exploring the Attitude-Behavior Relationship **P23**
Brandi Tennessen (Dr. David Lishner, *Psychology*)
- Class Consciousness and Political Attitudes in Oshkosh **P24**
Dan Cummings (Dr. Jeremiah Bohr, *Sociology*)
- My Actions Have Reactions **P25**
Hannah Driessen (Dr. Yoko Mogi-Hein, *Early Childhood/Special Education*)
- Nontraditional Post-Baccalaureate Students: How to Better Provide Support for Perceived Mental Health Needs **P26**
Margaret Ivers (Dr. Elizabeth Alderton, *Professional Counseling*)
- Flexible Occupations and the Gender Gap in Family-related Work Absences **P27**
Julia Thompson (Dr. Benjamin Artz, *Economics*)
- Tibet, China, and Dharma **P28**
Hector Ortega (Dr. Michael Baltutis, *Anthropology*)
- Multiple Woodwind Performance: History, Accessibility, and Curriculum **P29**
Joshua Roberts (Dr. Drew Whiting, *Music*)