



# THE HONORS COLLEGE AT UW OSHKOSH

## 🔥 SPRING 2024 HONORS THESIS SYMPOSIA 🔥

THE HONORS COLLEGE AT UW OSHKOSH IS PLEASED TO ANNOUNCE THAT SEVENTEEN SENIORS ARE COMPLETING HONORS THESIS PROJECTS THIS TERM. THE STUDENTS CHOSE THE THESIS OPTION FOR THEIR HONORS SENIOR CAPSTONE, THE FINAL REQUIREMENT IN THE HONORS CURRICULUM, AND SPENT AT LEAST TWO SEMESTERS DEVELOPING THEIR IDEAS AND RESEARCHING THEIR TOPICS. ALL PRESENTATIONS WILL TAKE PLACE ON ZOOM (DETAILS ARE BELOW).

MONDAY 🔥 MAY 6

5:00 – 6:00 P.M.

**BRIANNA DAVIS** *BIOMEDICAL SCIENCE*

AND

**HANNAH KRUEGER** *BIOMEDICAL SCIENCE; MINOR IN CHEMISTRY*  
“Effects of Cross-Species Microbiota Transfer on Liver Inflammation”

ADVISOR: DR. COURTNEY KURTZ, BIOLOGY, COLS

6:00 – 6:30 P.M.

**ZACH ZIRGIBEL** *BIOMEDICAL SCIENCE; MINORS IN CHEMISTRY AND PHILOSOPHY*

“Correlation of Proinflammatory Tumor Necrosis Factor- $\alpha$  and Cell Adhesion Molecule E-Selectin in Adipose Tissue from *Ictidomys tridecemlineatus*”

ADVISOR: DR. COURTNEY KURTZ, BIOLOGY, COLS

6:30 – 7:00 P.M.

**FRANKIE KERKHOFF** *ANTHROPOLOGY; MINORS IN SOCIAL JUSTICE AND SPANISH*

“You Know What I Am’: A Systematic Analysis of Gendered Ethnography in Higher Education”

ADVISOR: DR. HEIDI NICHOLLS, ANTHROPOLOGY, GLOBAL RELIGIONS, AND CULTURES, COLS

TUESDAY 🔥 MAY 7

4:30 – 5:00 P.M.

**RACHEL HAWLEY** *CHEMISTRY (BIOCHEMISTRY)*

“Assessment of Metal Remediation by Plants in Bioswales”

ADVISOR: DR. KEVIN CRAWFORD, CHEMISTRY, COLS

5:00 – 5:30 P.M.

**AUDREY KOESTER** *BIOMEDICAL SCIENCE; MINOR IN PSYCHOLOGY*

“Exploring the Effects of Temperature Change on Evolving Cultures of *Saccharomyces pastorianus*”

ADVISOR: DR. DAVID KRAUSE, BIOLOGY, COLS

5:30 – 6:00 P.M.

**ELLA WILSON** *BIOMEDICAL SCIENCE*

“Exploration into the Process of How Yeasts Extract Iron from Pulcherrimin”

ADVISOR: DR. DAVID KRAUSE, BIOLOGY, COLS

6:00 – 6:30 P.M.

**ANDREW HERMAN** *CHEMISTRY (PROFESSIONAL)*

“The Chemical Modification of Polystyrene: Conversion to Polyethylene Terephthalate Precursors”

ADVISOR: DR. BRANT KEDROWSKI, CHEMISTRY, COLS

WEDNESDAY 🔥 MAY 8

5:00 – 5:30 P.M.

**PETER BERRY** *MECHANICAL ENGINEERING TECHNOLOGY AND PHYSICS; MINOR IN MATHEMATICS*

“Thermal Engineering Lab: A Study of Proposed Designs and Viability”

ADVISOR: DR. PAWEŁ OLSZEWSKI, MECHANICAL ENGINEERING TECHNOLOGY, COLS

5:30 – 6:00 P.M.

**ANDREW WOODBURY** *MECHANICAL ENGINEERING TECHNOLOGY*

“Development of the Center for Applied Engineering Research”

ADVISOR: DR. PAWEŁ OLSZEWSKI, MECHANICAL ENGINEERING TECHNOLOGY, COLS

6:00 – 6:30 P.M.

**PAUL PRICE** *ELECTRICAL ENGINEERING TECHNOLOGY; MINOR IN LAW AND POLICY*

“IoT-Facilitated mmWave Sensing Platform for Simple Gesture Recognition”

ADVISOR: DR. AHMED NASIF, ELECTRICAL ENGINEERING TECHNOLOGY, COLS

6:30 – 7:00 P.M.

**ALLISON JAUQUET** *NURSING*

“A Literature Review of Spinal Cord Injuries: Best Evidence-Based Practice”

ADVISOR: MS. SARA NEBUS, COLLEGE OF NURSING

7:00 – 7:30 P.M.

**ABBEY BRAKER** *ANTHROPOLOGY; MINOR IN GEOLOGY*

“The Archaeology of Pain and Its Role in the Bog Body Phenomenon”

ADVISOR: DR. KEVIN GARSTKI, ANTHROPOLOGY, GLOBAL RELIGIONS, AND CULTURES, COLS

THURSDAY 🔥 MAY 9

4:30 – 5:00 P.M.

**LANE WOHLRAB** *NURSING*

“A Survey of Critical Care Nurses’ Skill Level and Attitude Related to Their Level of Education and Experience”

ADVISOR: DR. JASON MOTT, COLLEGE OF NURSING

5:00 – 5:30 P.M.

**JENNA LIEDERS** *NURSING*

“Lack of Forensic Nursing Access in Rural Wisconsin: A Review of Literature and Its Implications”

ADVISOR: DR. LAURA SMOLINSKI, COLLEGE OF NURSING

5:30 – 6:00 P.M.

**JAVIT THAO** *BIOMEDICAL SCIENCE*

“Genomic Annotation of Odor Receptors in the Red-Headed Ash Borer, *Neoclytus acuminatus*”

ADVISOR: DR. ROBERT MITCHELL, BIOLOGY, COLS

6:00 – 6:30 P.M.

**SEBASTIAN BARTON** *BIOLOGY AND CHEMISTRY (PROFESSIONAL)*

“Face Mask Degradation: Monitoring Plastic Degradation under Variable Conditions Using FT-IR Microscopy”

ADVISOR: DR. JENNIFER CHRISTUS, CHEMISTRY, COLS

— PLEASE JOIN US ON ZOOM ([HERE](#)) FOR ANY AND ALL SESSIONS! THE LINK IS ALSO AVAILABLE ON OUR NEWS WEBPAGE AND ON THE MEDIA SITES NOTED BELOW —