

4-22-2023

## Honors Research Day [Program] April 22, 2023

University of Northern Iowa

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# Honors RESEARCH DAY

University Honors Program



Saturday, April 22, 2023

9:00am - 1:00pm

Lang Hall

**UNI**

University of Northern Iowa.  
Honors & Scholars Programs

# Schedule of Events

## 9:00 - 9:25am

**Esha Jayswal** – The Power of Homeownership Lang 208  
*Joseph Ugrin - Accounting*

**Lizzy Richardson** – Dose-Response Effects of Creatine  
Supplementation on Cognitive Function in Healthy Young  
Adults Lang 211  
*Terence Moriarty - Kinesiology*

**\*Beth Tulley** – Breaking the Marble Ceiling: The  
Construction of Athena in Greek Thought Lang 222  
*Bob Dise - History*

**\*Alayna Ringsby** – Un-sung Heroes: Three  
Arrangements to Highlight Women Instrumentalists' Lang 223  
Contributions to Jazz History  
*Michael Conrad - School of Music*

## 9:35 - 10:00am

**Morgan Aitchison** – New Policy Opens Trade with India Lang 208  
for Pork Producers in the U.S.  
*Christine Schrage - Marketing & Entrepreneurship*

**Riley Jermier** – The Sacrifice of Artistry for a Convenient  
Society Lang 211  
*Chris Merz - School of Music*

**Sierra Kuhlert** – The Effectiveness of Dry Cupping on  
Low Back Pain Lang 222  
*Tricia Schrage - Athletic Training*

**Jade Nuehring** – Bioactive Secondary Metabolites in Cave  
Dwelling Fungi Lang 223  
*Kirk Manfredi - Chemistry & Biochemistry*

**\*Denotes Presidential Scholar**

# Schedule of Events

## 10:10 - 10:35am

**\*Samantha Ehler** – Language Development and Poverty: Specific Considerations and Applications for Speech-Language Pathologists Lang 208  
*Ken Bleile - Communication Sciences & Disorders*

**Ava Deitrich** – The Darwinism of Horror: The Evolution of the Monster in Film and Popular Culture Lang 211  
*Philip Hopper - Communication & Media Studies*

**Andy Straube** – Reversing the Entry: Generation Z's Outlook on Accounting Lang 222  
*Gabe Dickey - Accounting*

## 10:45 - 11:10am

**Tristen Prouse** – Better Solutions to Increasing COVID-19 Vaccine Access: Giving Away Vaccines Rather than Vaccine Formulas Lang 208  
*Lisa Jepsen - Economics*

**Karlee Colby** – Her Story, Her Right: Narrative as a Basic Human Right Lang 211  
*Yasemin Sari - Philosophy and World Religion*

**Julie Hammerand** – Art Teaching and American Society: An Exploration of How Art Makes Us Think and Why America Needs It Right Now Lang 222  
*Gregory Bourassa - Educational Psychology, Foundations & Leadership Studies*

**Rachel Wohlgeomuth** – Admittance Processes and Their Influence on Equity in Gifted Education Lang 223  
*Heather Gallivan - Mathematics*

**\*Denotes Presidential Scholar**

# Schedule of Events

## 11:20- 11:45am

**\*Abby Stivers** – The Impact of Exercise on Mental Health: The Use of Exercise as Prevention and Treatment for Mental Health Disorders  
*Mary McDade - Biology* Lang 208

**Raquel Wilhelm** – Investigation of Unexpected Purple Substance Extracted from Newsprint Paper  
*Shoshanna Coon - Chemistry & Biochemistry* Lang 211

**\*Ana Eagan** – “Excavation”: Digging into Genres and Forms of Creative Nonfiction  
*Caroline Ledeboer - Languages & Literatures* Lang 222

**James Schmitt** – An Echo of War: Cedar Fall's Historical Society World War One Collection  
*Emily Machen - History* Lang 223

## 11:55 - 12:20pm

**Payton Hall** – Monitoring Archaeal Persistence in Cultivation  
*Marek Sliminski - Biology* Lang 208

**\*Will Nachazel** – “Common Creativity”: Conversations with Artists and Nonartists  
*Nichole Zumbach Harken - Communication & Media Studies* Lang 211

**Jake Harrington** – Competencies Acquired in the Psychology Major  
*Adam Butler - Psychology* Lang 222

**\*Lindsey Ingraham** – How Economic Distribution Impacts Human Rights on an International Level: A Case Study in Africa and the Balkans  
*Evan Renfro - Political Science* Lang 223

# Schedule of Events

## 12:30 - 12:55pm

**Emma Pellegrino** – Exploring the Microbial  
Composition of Moonmilk in Wind Cave National Park  
*Marek Slivinski - Biology* Lang 208

**\*Nate Williams** – Identification of a DNA Polymerase  
Alpha Gene Sequence in *Thermomyces Lanuginosus*  
Fungus  
*Ira Simet - Chemistry & Biochemistry* Lang 211

**Madelyn Johnson** – Diffusion of Carbon  
Nanoparticles Intercalated into Layered Materials  
*Timothy Kidd - Physics* Lang 222

**Laura Spies** – The Effect of Gibberellic Acid  
Concentration on *Gentiana andrewsii* Germination  
*Laura Walter - Tallgrass Prairie Center* Lang 223

**\*Denotes Presidential Scholar**

# *Save the Date*

Honors Graduation Reception  
Wednesday, May 3, 2023  
Faculty Exchange Room  
Bartlett Hall, Room 1017

## *Thank you!*

Thank you to the family, friends, and faculty who supported these students throughout the thesis process!



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