Honors Research Day [Program] April 13, 2019

University of Northern Iowa
Honors Research Day
2019

University of Northern Iowa

Saturday, April 13, 2019
8:30am - 1:30pm
Lang Hall
Schedule of Events

8:30-9:00 am  
**Opening Reception and Welcome**  
Auditorium Lounge  

2nd Floor  
Lang

9:00-9:25 am  
**Hannah Lentfer** – Effects of Political Ingroup/Outgroup Rejection on Behavior and Physiology  
*Cathy DeSoto - Psychology*  

Lang 208

*Mohammed Rawwas* – System for Retrieval of Data on Adverse Drug Reactions  
*Aleksander Poleksic - Computer Science*  

Lang 211

**Joshua Prybil** – Silylation of Carbon-Hydrogen Bonds using Diruthenium Catalysts  
*Martin Chin - Chemistry and Biochemistry*  

Lang 222

**Collin Lint** – Can Human Rights be Ignored for a Price? An Analysis of Lobbying Power and U.S. Foreign Policy Towards Human Rights  
*Kenneth Basom - Political Science*  

Lang 223

9:35-10:00 am  
**Nina Jocic** – Synthesis and Characterization of Cp₂Ru₂(dppm)₂(CH₃)₂  
*Martin Chin - Chemistry and Biochemistry*  

Lang 208

*Emma Wilker* – Vinyl Advertisement in the UNI Bookstore Windows  
*Lee Geisinger & Sara Smith - Technology*  

Lang 211

**Alyssa Deuso** – Analysis of Leukocytes in Ebola Infected Skin Explants  
*Marek Sliwinski - Biology*  

Lang 222

*Shayla Warrick* – Inhibition of the P2X7 Receptor and its Effects on Epithelial Cell Actin Distribution and Fiber Size  
*David McClanahan - Biology*  

Lang 223
Schedule of Events

10:10-10:35 am  Abigail Manderfield – Communicating the Status of Alzheimer's Research to the General Public  Lang 208
                     Elaine Eshbaugh - Applied Human Sciences

Rebekah Akers – Construction of CRISPR/Cas9 vectors for directed mutagenesis of *Fusarium graminearum*  Lang 211
                     Tilahun Abebe - Biology

*Alison Dickinson* – Determining and Addressing the Needs of Transracial Korean Adoptees in Higher Education  Lang 222
                     Kristin Woods - Student Success & Retention, Student Affairs

Taryn Kroymann – Learning and Literacy in Music: Activities for Integrating Children's Literature into the Elementary General Music Curriculum  Lang 223
                     Michelle Swanson - School of Music

10:45-11:10 am  Orion Risk – She's Not Allowed to Do That: Two Actors Embody Female Same-Sex Sexuality  Lang 208
                     Amy Osatinski - Theatre

*Hannah McDevitt* – Foreign-born Workers' Effect on Agriculture Industry in Iowa  Lang 211
                     Jennifer Cooley - Languages & Literatures

*Ethan Hugstad* – Biotech Fever: Market Overreaction to FDA Clinical Trials  Lang 222
                     Ronnie Chen - Finance

Tanner Storbeck – Genetic analysis of a parasite contact zone in the Southwestern United States  Lang 223
                     James Demastes - Biology
Schedule of Events

11:20-11:45 am **Cecelia Hawbaker** – Summer Melt and Socialization: Informing Retention Strategies for Higher Education  
*Melissa Dobosh* - *Communication Studies*  
Lang 208

**Bethany Rozario** – Wandersoul of the South: Situating 20th Century Alabama Poet Clement Wood in a Literary Tradition  
*Jeremy Schraffenberger* - *Languages & Literatures*  
Lang 211

**Ashlee Osier** – The Effects of Fluoride on Macrophage THP-1 Cellular Functions  
*David McClenahan* - *Biology*  
Lang 222

**Samantha Dewey** – The Effects of Strain-Counterstrain on Chronic Ankle Instability: A Validation Case Study  
*Tricia Schrage* - *Health, Recreation & Community Services*  
Lang 223

11:55-12:20 pm **Jordan Edberg** – Crafting Culture: The Impact of Women Artists in Mexican Folk Art  
*Elizabeth Sutton* - *Art History*  
Lang 208

**Hannah Gregor** – How Evangelical Ministries Create Social Identity on College Campuses: An Analysis of The Salt Company  
*Cara Burnidge* - *Philosophy & World Religions*  
Lang 211

**Emma Alman** – College Students' Awareness and Utilization of Campus Sexual Health Resources  
*Susan Dobie* - *Health, Recreation & Community Services*  
Lang 222

**Jenna Anderson** – The Relation between Disordered Eating, Stress, and Anxiety in First-Year College Women  
*Elizabeth Lefler* - *Psychology*  
Lang 223
Schedule of Events

12:30-12:55 pm  
*Amber Lawrence – The Effect of Math Tracking on Students’ Growth Mindsets  
Elizabeth Hughes - Mathematics Education  
Lang 208

*Mackenzie Haag – The Effect of Arch Height on Variances in Gait Phases: A Kinematic Analysis  
Jacob Reed - Kinesiology  
Lang 211

Mushaun Miller – Work-Related Outcomes and Organizational Commitment  
Atul Mitra - Management  
Lang 222

Anna Rasmussen – The Impact of Chronic Poverty on Children's Mental Health and Learning Outcomes  
Elizabeth Lefler - Psychology  
Lang 223

1:05-1:30pm  
Tait Larson – Finding the Fantastic in Magic: The Gathering: Literary Criticism and Collectible Card Games  
Brooke Wonders - Language & Literatures  
Lang 208

Carrie Shea – Factors Influencing Attitudes towards Survivors of Brain Injury  
Linda Walsh - Psychology  
Lang 211

Brenna Herrmann – Where Was I?: Engagement Strategies for Students with Attention Deficit Disorders  
Sobyn Meacham - Curriculum & Instruction  
Lang 222

Emma Rosentrater – The Anthropological Significance of Knockloon Hill  
Tyler O’Brien - Sociology, Anthropology & Criminology  
Lang 223

*Denotes Presidential Scholar
Save The Date

Graduation Reception
Wednesday, May 1st from 3:30-5:00pm
Commons Lounge & Porch

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