Honors Research Conference [Program] April 16, 2016

University of Northern Iowa

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Honors Research Conference
April 16, 2016

8:30-9:00 am  Opening Reception and Welcome  Auditorium Lounge
2nd Floor Lang Hall

9:00-9:25 am  Lindsey Pedersen – Dropping in on Dropouts: An Analysis of Withdrawals from the
University of Northern Iowa
Dr. Frank Thompson - Finance

Sarah McHugh – A Healthy Herd: Addressing the Justifications for Vaccine Denial and Applying the Health Belief Model to the Current Anti-vaccination Movement
Dr. Thomas Davis - HPELS

*Erica Pabst – The Effects of Colonial Origin on Economic Growth
Dr. Imam Alam - Economics

Alexis McGinley – Valproic Acid Activates Hyperactivity in Cultured Neurons: Possible
Support for Overconnectivity Hypothesis of Autism
Dr. Darrell Wiens - Biology

9:35-10:00 am  Austin Voves – Morphometric analysis of simple, lobed, and compound leaves within
Ampelopsis
Dr. Julie Kang - Biology

Lauren Welser – Initiation of Communication from Users of AAC and Preceding Communication Partner's Utterances
Dr. Evette Edmister - Communication Sciences & Disorders

*Sarah Freeland – The Effect of Rearing Temperature on Somite Formation and Skeletal Development in the Zebrafish, Danio rerio
Dr. Nathan Bird - Biology

Ben Fick – Excess Folic Acid as a Potential Competitor of Glutamate May Interfere with Neural Development
Dr. Darrell Wiens - Biology

10:10-10:35 am  *Jenna Francois – The Impact of Teacher Prompting and Questioning on Third Grade Students' Comprehension
Dr. Sarah VanderZanden - Education

Gabriel Gedlinske – Frequently-Used Discipline and Management Techniques in the Cedar Valley
Dr. Brian Townsend - Mathematics

*Emily Meier – Testing for Modularity in the Axial Skeleton of Fishes
Dr. Nathan Bird – Biology

Rebecca Holzrichter – Proportional Reasoning in Middle Level Mathematics Textbooks
Dr. Catherine Miller & Dr. Olof Steinthorsdottir - Mathematics
10:45-11:10 am  *Trevor Draisey — The Determinants of NFL Player Salaries  
*Dr. Lisa Jepsen - Economics

Amy Bucciferro — Inclusion: Learning Without Barriers  
*Dr. Jennifer Garrett - Communication Sciences & Disorders

*Emily Bachmeier — Tessellations: An Artistic and Mathematical Look at the Work of Maurits Cornelis Escher  
*Dr. Catherine Miller - Mathematics

Lexi Byrnes — Brand New Scars: Complex Characterization and Literary Craft Elements in Ed Brubaker’s Captain America  
*Dr. Grant Tracey - Languages & Literatures

11:20-11:45 am  Cole Boudreau — Motion Virtual Manipulatives in the Elementary Math Classroom  
*Dr. Sarah Diesburg - Computer Science

*Elizabeth Kosmicki — A Book Club for Children with Autism Spectrum Disorder  
*Dr. Jennifer Garrett - Communication Sciences & Disorders

*Allie Waters — Statistical Modeling of Earthquake Damage  
*Syed Kirmani - Mathematics

Lexi Helgens — The Adolescent Refugee Experience: Cultural Attitudes of High School Burmese Refugees Living in Iowa  
*Dr. Anne Woodrick - Anthropology

11:55-12:20 pm  Ashley Armantrout — The Effects of CD73 Suppression on TGFβ-mediated Migration and Invasion of Endometrial Cancer Cells  
*Dr. Carl Thurman - Biology

Hannah Carr-Murphy — Craic in the Concert Hall: The Benefits of Irish Traditional Music to the Classically Trained Musician  
*Dr. Alison Alsstatt - School of Music

Abigail Kreun — An Analysis of How Public Relations Professionals Use Social Media  
*Dr. Tom Hall - Communication Studies

Sami Calonkey — Still Going Bump in the Night: A Structural-Esque Analysis of Yūrei, Death, and Dying in Japanese Folklore and Anime  
*Dr. Cyndi Dunn - Sociology, Anthropology, & Criminology
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12:30-12:55 pm

*Darian Everding – Education: An Unexplored Variable on Millennial Volunteer Attitudes
Dr. John Burnight - Philosophy & World Religions
Lang 208

Kevin McGee – Determinants of NBA Average Annual Attendance by Team
Dr. Bryce Kanago - Economics
Lang 211

Abbie Shew – Visualizing Interactions between Bacillus anthracis Bacteriophages and Macrophages
Dr. Michael Walter - Biology
Lang 222

Sarah Kemp – Concussions in Female Collegiate Diving: An Exploratory Study
Dr. Jennifer Waldron - HPELS
Lang 223

1:05-1:30 pm

Emily Gardner – “I don’t have to rush this because there is no due date”: Young Women, Crafting, and Stress Relief
Dr. Marybeth Stalp - Sociology, Anthropology, & Criminology
Lang 208

Haley Hasenstein – Liberty and Justice for All?: Ethics in the American Criminal Justice System
Dr. Gayle Rhineger-Dunn - Sociology, Anthropology, & Criminology
Lang 211

Jennifer Pauk – No One Is Here: Poems
Dr. Jeremy Sdraffenberger - Languages and Literatures
Lang 222

Lisa Dierckx – The Efficient Recovery of Deleted Data from NAND Flash Memory
Dr. Sarah Diesburg - Computer Science
Lang 223

1:40-2:05 pm

*Hannah Lodge – The Civil Rights Movement through the Cedar Rapids Gazette
Dr. Emily Machen - History
Lang 208

*Christopher Pollpeter – The Secondary Interview: Ethical Concerns Regarding Social Media Scanning in the Commercial Hiring Process
Dr. Craig Vansandt - Management
Lang 211

* Denotes Presidential Scholar