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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 2 nd Floor Lang Hall
9:00-9:25 am	<p>Lindsey Pedersen – Dropping in on Dropouts: An Analysis of Withdrawals from the University of Northern Iowa <i>Dr. Frank Thompson - Finance</i></p> <p>Sarah McHugh – A Healthy Herd: Addressing the Justifications for Vaccine Denial and Applying the Health Belief Model to the Current Anti-vaccination Movement <i>Dr. Thomas Davis - HPELS</i></p> <p>*Erica Pabst – The Effects of Colonial Origin on Economic Growth <i>Dr. Imam Alam - Economics</i></p> <p>Alexis McGinley – Valproic Acid Activates Hyperactivity in Cultured Neurons: Possible Support for Overconnectivity Hypothesis of Autism <i>Dr. Darrell Wiens - Biology</i></p>	Lang 208 Lang 211 Lang 222 Lang 223
9:35-10:00 am	<p>Austin Voves – Morphometric analysis of simple, lobed, and compound leaves within <i>Ampelopsis</i> <i>Dr. Julie Kang - Biology</i></p> <p>Lauren Welsler – Initiation of Communication from Users of AAC and Preceding Communication Partner's Utterances <i>Dr. Evette Edmister - Communication Sciences & Disorders</i></p> <p>*Sarah Freeland – The Effect of Rearing Temperature on Somite Formation and Skeletal Development in the Zebrafish, <i>Danio rerio</i> <i>Dr. Nathan Bird - Biology</i></p> <p>Ben Fick – Excess Folic Acid as a Potential Competitor of Glutamate May Interfere with Neural Development <i>Dr. Darrell Wiens - Biology</i></p>	Lang 208 Lang 211 Lang 222 Lang 223
10:10-10:35 am	<p>*Jenna Francois – The Impact of Teacher Prompting and Questioning on Third Grade Students' Comprehension <i>Dr. Sarah VanderZanden - Education</i></p> <p>Gabriel Gedlinske – Frequently-Used Discipline and Management Techniques in the Cedar Valley <i>Dr. Brian Townsend - Mathematics</i></p> <p>*Emily Meier – Testing for Modularity in the Axial Skeleton of Fishes <i>Dr. Nathan Bird – Biology</i></p> <p>Rebecca Holzrichter – Proportional Reasoning in Middle Level Mathematics Textbooks <i>Dr. Catherine Miller & Dr. Olof Steinhorsdottir - Mathematics</i></p>	Lang 208 Lang 211 Lang 222 Lang 223



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10:45-11:10 am	<p>*Trevor Draisey – The Determinants of NFL Player Salaries <i>Dr. Lisa Jepsen - Economics</i></p> <p>Amy Bucciferro – Inclusion: Learning Without Barriers <i>Dr. Jennifer Garrett - Communication Sciences & Disorders</i></p> <p>*Emily Bachmeier – Tessellations: An Artistic and Mathematical Look at the Work of Maurits Cornelis Escher <i>Dr. Catherine Miller - Mathematics</i></p> <p>Lexi Byrnes – Brand New Scars: Complex Characterization and Literary Craft Elements in Ed Brubaker's <i>Captain America</i> <i>Dr. Grant Tracey - Languages & Literatures</i></p>	Lang 208 Lang 211 Lang 222 Lang 223
11:20-11:45 am	<p>Cole Boudreau – Motion Virtual Manipulatives in the Elementary Math Classroom <i>Dr. Sarah Diesburg - Computer Science</i></p> <p>*Elizabeth Kosmicki – A Book Club for Children with Autism Spectrum Disorder <i>Dr. Jennifer Garrett - Communication Sciences & Disorders</i></p> <p>*Allie Waters – Statistical Modeling of Earthquake Damage <i>Dr. Syed Kirmani - Mathematics</i></p> <p>Lexi Helgens – The Adolescent Refugee Experience: Cultural Attitudes of High School Burmese Refugees Living in Iowa <i>Dr. Anne Woodrick - Anthropology</i></p>	Lang 208 Lang 211 Lang 222 Lang 223
11:55-12:20 pm	<p>Ashley Armantrout – The Effects of CD73 Suppression on TGFβ-mediated Migration and Invasion of Endometrial Cancer Cells <i>Dr. Carl Thurman - Biology</i></p> <p>Hannah Carr-Murphy – Craic in the Concert Hall: The Benefits of Irish Traditional Music to the Classically Trained Musician <i>Dr. Alison Altstatt - School of Music</i></p> <p>Abigail Kreun – An Analysis of How Public Relations Professionals Use Social Media <i>Dr. Tom Hall - Communication Studies</i></p> <p>Sami Calonkey – Still Going Bump in the Night: A Structural-Esque Analysis of Yūrei, Death, and Dying in Japanese Folklore and Anime <i>Dr. Cyndi Dunn - Sociology, Anthropology, & Criminology</i></p>	Lang 208 Lang 211 Lang 222 Lang 223



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12:30-12:55 pm	<p>*Darian Everding – Education: An Unexplored Variable on Millennial Volunteer Attitudes <i>Dr. John Burnight - Philosophy & World Religions</i></p> <p>Kevin McGee – Determinants of NBA Average Annual Attendance by Team <i>Dr. Bryce Kanago - Economics</i></p> <p>Abbie Shew – Visualizing Interactions between <i>Bacillus anthracis</i> Bacteriophages and Macrophages <i>Dr. Michael Walter - Biology</i></p> <p>Sarah Kemp – Concussions in Female Collegiate Diving: An Exploratory Study <i>Dr. Jennifer Waldron - HPELS</i></p>	Lang 208 Lang 211 Lang 222 Lang 223
1:05-1:30 pm	<p>Emily Gardner – “I don’t have to rush this because there is no due date”: Young Women, Crafting, and Stress Relief <i>Dr. Marybeth Stalp - Sociology, Anthropology, & Criminology</i></p> <p>Haley Hasenstein – Liberty and Justice for All?: Ethics in the American Criminal Justice System <i>Dr. Gayle Rhineberger-Dunn - Sociology, Anthropology, & Criminology</i></p> <p>Jennifer Pauk – No One Is Here: Poems <i>Dr. Jeremy Schraffenberger - Languages and Literatures</i></p> <p>Lisa Diercks – The Efficient Recovery of Deleted Data from NAND Flash Memory <i>Dr. Sarah Diesburg - Computer Science</i></p>	Lang 208 Lang 211 Lang 222 Lang 223
1:40-2:05 pm	<p>*Hannah Lodge – The Civil Rights Movement through the Cedar Rapids Gazette <i>Dr. Emily Machen - History</i></p> <p>*Christopher Pollpeter – The Secondary Interview: Ethical Concerns Regarding Social Media Scanning in the Commercial Hiring Process <i>Dr. Craig Vansandt - Management</i></p>	Lang 208 Lang 211

* Denotes Presidential Scholar