Honors Research Conference [Program] April 16, 2016

University of Northern Iowa

Follow this and additional works at: https://scholarworks.uni.edu/hrcprograms

Part of the Higher Education Commons

Recommended Citation
https://scholarworks.uni.edu/hrcprograms/12

This Program is brought to you for free and open access by the University Honors Program at UNI ScholarWorks. It has been accepted for inclusion in Honors Research Conference Programs by an authorized administrator of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.
# Honors Research Conference
## April 16, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-9:00 am</td>
<td><strong>Opening Reception and Welcome</strong></td>
<td>Auditorium Lounge</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2nd Floor Lang Hall</td>
</tr>
</tbody>
</table>
| 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* | Lang 208                  |
|               | 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* | Lang 211                  |
|               | *Erica Pabst – The Effects of Colonial Origin on Economic Growth*  
*Dr. Imam Alam - Economics* | Lang 222                  |
|               | Alexis McGinley – Valproic Acid Activates Hyperactivity in Cultured Neurons: Possible Support for Overconnectivity Hypothesis of Autism  
*Dr. Darrell Wiens - Biology* | Lang 223                  |
| 9:35-10:00 am | Austin Voves – Morphometric analysis of simple, lobed, and compound leaves within *Ampelopsis*  
*Dr. Julie Kang - Biology* | Lang 208                  |
|               | Lauren Welser – Initiation of Communication from Users of AAC and Preceding Communication Partner's Utterances  
*Dr. Evette Edmister - Communication Sciences & Disorders* | Lang 211                  |
|               | *Sarah Freeland – The Effect of Rearing Temperature on Somite Formation and Skeletal Development in the Zebrafish, *Danio rerio*  
*Dr. Nathan Bird - Biology* | Lang 222                  |
|               | Ben Fick – Excess Folic Acid as a Potential Competitor of Glutamate May Interfere with Neural Development  
*Dr. Darrell Wiens - Biology* | Lang 223                  |
| 10:10-10:35 am| *Jenna Francois – The Impact of Teacher Prompting and Questioning on Third Grade Students' Comprehension*  
*Dr. Sarah VanderZanden - Education* | Lang 208                  |
|               | Gabriel Gedlinske – Frequently-Used Discipline and Management Techniques in the Cedar Valley  
*Dr. Brian Townsend - Mathematics* | Lang 211                  |
|               | *Emily Meier – Testing for Modularity in the Axial Skeleton of Fishes  
*Dr. Nathan Bird – Biology* | Lang 222                  |
|               | Rebeca Holzrichter – Proportional Reasoning in Middle Level Mathematics Textbooks  
*Dr. Catherine Miller & Dr. Olof Steinthorsdottir - Mathematics* | Lang 223                  |
Honors Research Conference
April 16, 2016

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

* Denotes Presidential Scholar