Honors Research Conference [Program] April 12, 2014

University of Northern Iowa

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# Honors Research Conference  
**April 12, 2014**

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<tr>
<th>Time</th>
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| 8:30-9:00 am    | **Opening Reception and Welcome**                                        | Auditorium Lounge  
|                 |                                                                          | 2nd Floor Lang Hall |
| 9:00-9:25 am    | **Rachel Cook** – Medication Noncompliance in Patients over the Age of 65: Risk Factors, Problems, and Potential Solutions  
|                 | Dr. Elaine Eshbaugh, School of Applied Human Sciences                    | Lang 208       |
|                 | **Meghan Opolka** – Respiratory System Influence on the Inhibition of Motor Speech Programs  
|                 | Dr. Todd Bohnenkamp, Communication Science and Disorders                | Lang 211       |
|                 | **Lauren Holmes** – The Investigation into the Conditions of Tantalum Disulfide Nanotube Growth  
|                 | Dr. Laura Strauss, Chemistry and Biochemistry                           | Lang 222       |
|                 | **Emillie Kenne** – Study Abroad: An Essential Part of Language Acquisition  
|                 | Dr. Jennifer Cooley, Languages and Literatures                          | Lang 223       |
| 9:35-10:00 am   | **Amanda Huisman** – Barriers to Accessing Augmentative and Alternative Communication (AAC): Pogo Boards as a Potential Solution  
|                 | Dr. Ken Bleile, Communication Science and Disorders                    | Lang 208       |
|                 | **Ben Lahue** – Management Information Systems: An Information Portal for a Major with Limitless Interpretations  
|                 | Dr. Roberta Roth, Management                                           | Lang 211       |
|                 | **Stef McGraw** – Activism and Offense: A Philosophical Analysis        | Lang 222       |
|                 | **Christina Johnson** – La Crisis in Spain: What Has Happened and What Does the Future Hold?  
|                 | Dr. Jennifer Cooley, Languages and Literatures                          | Lang 223       |
| 10:10-10:35 am  | **Olivia Hawley** – Raising Your Child Bilingually: Advantages and Disadvantages  
|                 | Dr. Ken Bleile, Communication Science and Disorders                    | Lang 208       |
|                 | **Ross Curnow** – Surviving in the Age of Social Media: Social Media as the Technological Facilitator in the Interpersonal Relationships of College Students  
|                 | Dr. Marybeth Stalp, Sociology, Anthropology, and Criminology           | Lang 211       |
|                 | **Susan Johnson** – The Feeling that you are where you belong: A Qualitative Analysis of Music Groups and Student Success  
|                 | Dr. Tom Hall - Communication Studies                                   | Lang 222       |
|                 | **Beth Monnier** – Determinants of Poverty and Strategies which Cambodia can adopt to Reduce Poverty  
|                 | Dr. Ken Brown and Dr. Imam Alam, Economics                            | Lang 223       |
| 10:45-11:10 am  | **Jacinda Ruggles** – Positional Plagiocephaly among Tribal Societies and Contemporary Western Societies: A Comparison of Treatments, Results, and Effects  
|                 | Dr. Tyler O’Brien, Sociology, Anthropology, Criminology                | Lang 208       |
|                 | **Allie Simpson** – The Role of Knox Genes during Simple and Compound Leaf Development in the Genus Ampelopsis (Vitaceae)  
|                 | Dr. Julie Kang, Biology                                                 | Lang 211       |
|                 | **Corey Cooling** – Sustainability of Sustainability: Exploring Alternatives in Alternative Fuel Sources  
|                 | Dr. Eric O’Brien, Office of Sustainability                             | Lang 222       |
|                 | **Amanda Arp** – Rhetoric and Science: Examining and Identifying the Rhetorical Techniques Used by Students in a Composition Classroom  
|                 | Dr. David Grant, Languages and Literatures                              | Lang 223       |

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11:20-11:45 am  
**Max Martino** – Determinants of College Hockey Attendance  
Dr. Bryce Kanago, Economics  
Lang 208

**Kayla Rethwisch** – A Preliminary Systematic Analysis of the Species of the Genus Physaria (Brassicaceae) of Wyoming  
Dr. Steve O’Kane, Biology  
Lang 211

**Katherine Thomas** – Environmental Pressures and their Impact on Carapace Variation in Three Species of Atlantic Fiddler Crabs  
Dr. Carl Thurman, Biology  
Lang 222

**KaLeigh White** – Variation in State Funded Student Grant Programs: Political and Economic Influences  
Dr. Chris Larimer, Political Science  
Lang 223

11:55-12:20 pm  
**Zoe Russell** – What’s Faith Got To Do With It? The Media Framing of Religion and Politics in the 2012 Republican Primaries  
Dr. Christopher Martin and Dr. Catherine Palczewski, Communication Studies  
Lang 208

**Taylor Goetzinger** – Association between Parenting Processes and Child Behavior Outcomes  
Dr. Dilbur Arsiwalla, Psychology  
Lang 211

**Nathan Jacobsen** – Studying Suspended Sediment, Turbidity, and Depth in the Dry Run Creek Watershed  
Dr. Mohammad Iqbal, Earth Science  
Lang 222

**Laura Cross** - The Genetics of Bipolar Disorder  
Dr. Theresa Spradling, Biology  
Lang 223

12:30-12:55 pm  
**Ariel Williams** – Excavation and Stratigraphic Analysis Surrounding a Late Nineteenth Century Boiler House  
Dr. Don Gaff, Sociology, Anthropology, and Criminology  
Lang 208

**Elijah Seay** – Gender Differences in Pay Expectations at Three Career Stages  
Dr. Michael Gasser, Psychology  
Lang 211

**Matt Rafferty** – Analysis of the Canola Lip Mutant  
Dr. Julie Kang, Biology  
Lang 222

**Stacey Howes** – The Effects of Hypergravity on the Development of the Heart and Behavior of Xenopus laevis  
Dr. Darrell Wiens, Biology  
Lang 223

1:05-1:30 pm  
**Natalie Johnson** – Does International Recruiting Make Sense for Women’s Swimming and Diving in the Missouri Valley Conference?  
Dr. Heidi Noonan-Day, Management  
Lang 208

**Annette Putnam** – Current Developments in Forensic Science: Establishing the Credibility of Forensic Linguistics through Authorship Analysis  
Dr. Ardith Meier, Languages and Literatures  
Lang 211

**Caitlin Peterson** – “When I was Your Age, Pluto was a Planet:” A Children’s Book Addressing Environmental Concerns  
Dr. Grant Tracey, Languages and Literatures  
Lang 222

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