4-13-2013

Honors Research Conference [Program] April 13, 2013

University of Northern Iowa

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**Honors Research Conference**  
**April 13, 2013**

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| 8:30-9:00 am  | **Opening Reception and Welcome**  
Auditorium Lounge  
2nd Floor Lang Hall |
| 9:00-9:25 am  | **Ryan Lockard** – *A Study of the Genes TFL1 and LFY as Agents in the Divergent Evolution of the Plant Species Arabidopsis Thaliana and Carica Papaya*  
Dr. Marek Sliwinski, Biology  
**Kellie Petersen** – *International Students at UNI: An Analysis of Experiences*  
Dr. Lindsay Cohn, Political Science  
**Sarah Pearce** - *Analysis of Mathematical Descriptions of Gravitational Microlensing*  
Dr. C.C. Chancey, Physics  
**Chloe Haley** - *Laboring Under Assumptions: The Childbirth Expectations of the Next Generation of Mothers*  
Dr. Elaine Eshbaugh, School of Applied Human Sciences  
**Heather Greel** – *The Chicago Americanization Movement: Solutions to the Immigrant Problem*  
Dr. Trudy Eden, History  
**Nicole Hulme** - *Does Baby Sign Open the Door for Second Language Learning?*  
Dr. Ken Bleile, Communication Sciences and Disorders |
| 9:35-10:00 am | **Danielle Stuck** - *It's a Juggling Act: An Examination of Dispositional Characteristics on Work-School Conflict*  
Dr. Adam Butler, Psychology  
**Michaela B. Nelson** - *Creativity in the Theatre: A Study on the Creative Process*  
Dr. Gretta Berghammer, Theatre  
**Aynur Damirgi** - *A Linguistic Playground: A Case Study of Trilingual Code-Switching*  
Dr. Ardith Meier, Languages and Literatures  
**Alyssa Eisenman** - *Leisure Trends and Technology throughout Generations X, Y, and Z*  
Dr. Chris Kowalski, Leisure, Youth, and Human Services  
**Alexa Pomerenck** - *Defensive Communication between Professors and Students and Its Effects on Student Outcomes*  
Dr. Kim MacLin, Psychology  
**Taylor Hircock** - *ATP-Induced Changes in F-Actin Expression via P2X7 Receptor Activation*  
Dr. David McClenahan, Biology |
| 10:10-10:35 am| **Cara Wright** - *A Bank Erosion Hazard Index (BEHI) Study of Dry Run Creek, Cedar Falls, Iowa*  
Dr. James C. Walters, Earth Science  
**Tyler Lange** - *What Variables Explain Differences in Coaching Salaries for Division I Women's Sports?*  
Dr. Lisa Jepsen, Economics |

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**Honors Research Conference**  
*April 13, 2013*

10:10-10:35 am

*Theresa Luensmann - Should I Stay or Should I Go? A Comparison Study of Cornerstone and Non-Cornerstone Sophomore Students’ Levels of Campus Engagement and Institutional Commitment*  
Dr. April Chatham-Carpenter, Communication Studies

Anneliese Gentzsch - Attainable Arts Integration in the Elementary Classroom  
Dr. Denise Tallakson, Curriculum and Instruction

*Erica Scullin - Effects of Habitat Alterations on the Population Sizes of the Declining Longnose Dace*  
Dr. Peter Berendzen, Biology

10:45-11:10 am

Lauren Hanzelka - Learning Styles: A Viable Approach for Instruction?  
Dr. Deborah Tidwell, Curriculum and Instruction

Ashley Richardson - The "Tragedy" of Down Syndrome  
Dr. Ken Bleile, Communication Sciences and Disorders

Margaret Nervig – An American’s Paris: Consumption and the American Identity, 1947-1963  
Dr. Brian Roberts, History

*Caitlyn Reighley - The Beliefs of University of Northern Iowa Preservice Teachers about Gifted and Talented Learners*  
Dr. Jean Schneider and Dr. Audrey Rule, Curriculum and Instruction

*Emma Peterson - Influences of Armenian Folk Music on Clarinet Chamber Works by Aram Khachaturian and Alexander Arutiunian*  
Dr. Amanda McCandless, School of Music

Lindsey Ludwig - Generating New Type II Protein Models Using Cytochrome c  
Dr. Melissa Cherney, Chemistry and Biochemistry

11:20-11:45 am

Kari Lien – English-Only Legislation: The Iowa Story  
Dr. Ken Bleile, Communication Sciences and Disorders

Stephanie Opsal - Competition and Extrinsic Motivation in the Band Classroom: A Review of Literature and Suggestions for Educational Practice  
Dr. S. Daniel Galyen, Music

*Chelsea Meier - Search for the Catalytic Subunit of DNA Polymerase α in Thermomyces lanuginosus*  
Dr. Ira Simet, Chemistry and Biochemistry

*Morgan Johnson - Going Offline: Personality and Its Effects on the Transition of Online Relationships to the Offline World*  
Dr. Sunde Nesbit, Psychology

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<td>Dusty Ann Kriegel</td>
<td>Process of a Painting</td>
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<td>Prof. Kenneth Hall, Art</td>
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<td></td>
<td>Troy Mensen</td>
<td>The Utility of Phosphoglucose Isomerase (PgiC) Intron Sequences in the Phylogenetics of Physaria (Brassicaceae)</td>
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<td>11:55-12:20 pm</td>
<td>Jeremiah Moffitt</td>
<td>A Heroic Journey within Videogames and the Effects on Player Experience</td>
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<td>Dr. Anne Woodrick, Sociology, Anthropology, and Criminology</td>
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<td>*Rebecca Krewer</td>
<td>Expressed Sequence Tag for DNA Polymerase Alpha In Embryonic Chicken Brain</td>
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<td>Dr. Ira Simet, Chemistry and Biochemistry</td>
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<td>*Zach Griffith</td>
<td>A Study in Merger Induced Galaxy Evolution through Post-Starburst Systems</td>
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<td>12:30-12:55 pm</td>
<td>Hayley Rinehart</td>
<td>A Population Genetic Study of the Fish Rhinichthys Cataractae in Northeast Iowa Using Microsatellite Genotype Data</td>
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<td>Jennifer Titus</td>
<td>From Here to There: The Music’s Journey How the Music in the Lord of the Rings Trilogy Represents the Cultures of Tolkien’s World</td>
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<td>Dr. Jeffrey Funderburk, School of Music</td>
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<td>*Sonia Han</td>
<td>Sequencing a DNA polymerase alpha gene in Thermomyces lanuginosus</td>
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<td>Chelsea O’Donnell</td>
<td>Tempestuous Translations: Exploring the Artistic and Thematic Relationship between Shakespeare’s the Tempest and Beethoven’s &quot;Tempest&quot; Piano Sonata in D Minor Op.31 No.2</td>
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<td>Nic Stewart</td>
<td>Categorical vs. Dimensional Models of Mental Health Assessment</td>
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<td>*Patrick Tiernan</td>
<td>– The Role of Imagery in the Semantic Priming of a Mental Construct</td>
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<td>Dr. Carolyn Hildebrandt, Psychology</td>
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