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Honors Research Conference [Program] April 13, 2013

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<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tr>
<td>8:30-9:00 am</td>
<td><strong>Opening Reception and Welcome</strong></td>
<td>Auditorium Lounge 2nd Floor Lang Hall</td>
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</table>
| 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 | Lang 208                          |
|              | **Kellie Petersen** – *International Students at UNI: An Analysis of Experiences*  
Dr. Lindsay Cohn, Political Science | Lang 211                          |
|              | **Sarah Pearce** – *Analysis of Mathematical Descriptions of Gravitational Microlensing*  
Dr. C.C. Chancey, Physics | Lang 222                          |
|              | **Chloe Haley** – *Laboring Under Assumptions: The Childbirth Expectations of the Next Generation of Mothers*  
Dr. Elaine Eshbaugh, School of Applied Human Sciences | Lang 223                          |
|              | **Heather Greel** – *The Chicago Americanization Movement: Solutions to the Immigrant Problem*  
Dr. Trudy Eden, History | Lang 308                          |
|              | **Nicole Hulme** – *Does Baby Sign Open the Door for Second Language Learning?*  
Dr. Ken Bleile, Communication Sciences and Disorders | Lang 311                          |
| 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 | Lang 208                          |
|              | **Michaela B. Nelson** – *Creativity in the Theatre: A Study on the Creative Process*  
Dr. Greta Berghammer, Theatre | Lang 211                          |
|              | **Aynur Damirgi** – *A Linguistic Playground: A Case Study of Trilingual Code-Switching*  
Dr. Ardith Meier, Languages and Literatures | Lang 222                          |
|              | **Alyssa Eisenman** – *Leisure Trends and Technology throughout Generations X, Y, and Z*  
Dr. Chris Kowalski, Leisure, Youth, and Human Services | Lang 223                          |
|              | **Alexa Pomeren** – *Defensive Communication between Professors and Students and Its Effects on Student Outcomes*  
Dr. Kim MacLin, Psychology | Lang 308                          |
|              | **Taylor Hircock** – *ATP-Induced Changes in F-Actin Expression via P2X7 Receptor Activation*  
Dr. David McLenahan, Biology | Lang 311                          |
| 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 | Lang 208                          |
|              | **Tyler Lange** – *What Variables Explain Differences in Coaching Salaries for Division I Women’s Sports?*  
Dr. Lisa Jepsen, Economics | Lang 211                          |

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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  
Lang 222

Anneliese Gentzsch - Attainable Arts Integration in the Elementary Classroom  
Dr. Denise Tallakson, Curriculum and Instruction  
Lang 223

**Erica Scullin** - Effects of Habitat Alterations on the Population Sizes of the Declining Longnose Dace  
Dr. Peter Berendzen, Biology  
Lang 308

Danielle Westcot - Gaining Perspective: Student Perceptions of the Role of TESOL Principles in Their English-Learning Experience  
Dr. Joyce Milambiling, Languages and Literatures  
Lang 311

10:45-11:10 am  
Lauren Hanzelka - Learning Styles: A Viable Approach for Instruction?  
Dr. Deborah Tidwell, Curriculum and Instruction  
Lang 208

Ashley Richardson - The "Tragedy" of Down Syndrome  
Dr. Ken Bleile, Communication Sciences and Disorders  
Lang 211

Margaret Nervig – An American’s Paris: Consumption and the American Identity, 1947-1963  
Dr. Brian Roberts, History  
Lang 222

**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  
Lang 223

**Emma Peterson** - Influences of Armenian Folk Music on Clarinet Chamber Works by Aram Khachaturian and Alexander Arutiunian  
Dr. Amanda McCandless, School of Music  
Lang 308

Lindsey Ludwig - Generating New Type II Protein Models Using Cytochrome c  
Dr. Melissa Cherney, Chemistry and Biochemistry  
Lang 311

11:20-11:45 am  
Kari Lien – English-Only Legislation: The Iowa Story  
Dr. Ken Bleile, Communication Sciences and Disorders  
Lang 208

Stephanie Opsal - Competition and Extrinsic Motivation in the Band Classroom: A Review of Literature and Suggestions for Educational Practice  
Dr. S. Daniel Galyen, Music  
Lang 211

**Chelsea Meier** - Search for the Catalytic Subunit of DNA Polymerase α in Thermomyces lanuginosus  
Dr. Ira Simet, Chemistry and Biochemistry  
Lang 222

**Morgan Johnson** - Going Offline: Personality and Its Effects on the Transition of Online Relationships to the Offline World  
Dr. Sunde Nesbit, Psychology  
Lang 223

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11:20-11:45 am  
Dusty Ann Kriegel - *Process of a Painting*  
Prof. Kenneth Hall, Art

Troy Mensen - *The Utility of Phosphogluucose Isomerase (PgiC) Intron Sequences in the Phylogenetics of Physaria (Brassicaceae)*  
Dr. Stephen O’Kane, Biology

11:55-12:20 pm  
Jeremiah Moffitt - *A Heroic Journey within Videogames and the Effects on Player Experience*  
Dr. Anne Woodrick, Sociology, Anthropology, and Criminology

RaeAnn Swanson - *Cleaning Up Our Home: Ellen Swallow Richards' Human Ecology and Emerging Environmental Ideologies, 1890 - 1915*  
Dr. Brian Roberts, History

*Rebecca Krewer* - *Expressed Sequence Tag for DNA Polymerase Alpha In Embryonic Chicken Brain*  
Dr. Ira Simet, Chemistry and Biochemistry

*Zach Griffith* - *A Study in Merger Induced Galaxy Evolution through Post-Starburst Systems*  
Dr. Siobahn Morgan, Earth Science

Dr. Ana Kogl, Political Science

12:30-12:55 pm  
Hayley Rinehart - *A Population Genetic Study of the Fish Rhinichthys Cataractae in Northeast Iowa Using Microsatellite Genotype Data*  
Dr. Peter Berendzen, Biology

Jennifer Titus - *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*  
Dr. Jeffrey Funderburk, School of Music

*Sonia Han* - *Sequencing a DNA polymerase alpha gene in Thermomyces lanuginosus*  
Dr. Ira Simet, Chemistry and Biochemistry

Chelsea O'Donnell - *Tempestuous Translations: Exploring the Artistic and Thematic Relationship between Shakespeare's the Tempest and Beethoven's "Tempest" Piano Sonata in D Minor Op.31 No.2*  
Dr. Jesse Swan, Languages and Literatures

Nic Stewart - *Categorical vs. Dimensional Models of Mental Health Assessment*  
Dr. Sunde Nesbit, Psychology

*Patrick Tiernan* – *The Role of Imagery in the Semantic Priming of a Mental Construct*  
Dr. Carolyn Hildebrandt, Psychology

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