Honors Research Conference  
April 13, 2013

8:30-9:00 am  Opening Reception and Welcome  
Architterum 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  
Lang 208  
Dr. Marek Sliwinski, Biology

Kellie Petersen – International Students at UNI: An Analysis of Experiences  
Lang 211  
Dr. Lindsay Cohn, Political Science

Sarah Pearce – Analysis of Mathematical Descriptions of Gravitational Microlensing  
Lang 222  
Dr. C.C. Chancey, Physics

*Chloe Haley – Laboring Under Assumptions: The Childbirth Expectations of the Next Generation of Mothers  
Lang 223  
Dr. Elaine Eshbaugh, School of Applied Human Sciences

Heather Greel – The Chicago Americanization Movement: Solutions to the Immigrant Problem  
Lang 308  
Dr. Trudy Eden, History

*Nicole Hulme – Does Baby Sign Open the Door for Second Language Learning?  
Lang 311  
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  
Lang 208  
Dr. Adam Butler, Psychology

*Micheala B. Nelson – Creativity in the Theatre: A Study on the Creative Process  
Lang 211  
Dr. Greta Berghammer, Theatre

Aynur Damirgi – A Linguistic Playground: A Case Study of Trilingual Code-Switching  
Lang 222  
Dr. Ardith Meier, Languages and Literatures

Alyssa Eisenman – Leisure Trends and Technology throughout Generations X, Y, and Z  
Lang 223  
Dr. Chris Kowalski, Leisure, Youth, and Human Services

*Aleza Pomerench – Defensive Communication between Professors and Students and Its Effects on Student Outcomes  
Lang 308  
Dr. Kim MacLin, Psychology

*Taylor Hircock – ATP-Induced Changes in F-Actin Expression via P2X7 Receptor Activation  
Lang 311  
Dr. David McClanahan, Biology

10:10-10:35 am  Cara Wright – A Bank Erosion Hazard Index (BEHI) Study of Dry Run Creek, Cedar Falls, Iowa  
Lang 208  
Dr. James C. Walters, Earth Science

Tyler Lange – What Variables Explain Differences in Coaching Salaries for Division I Women’s Sports?  
Lang 211  
Dr. Lisa Jepsen, Economics

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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  

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  

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

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 Arutunian  
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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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

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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