Honors Research Conference
April 11, 2015

8:30-9:00 am **Opening Reception and Welcome**
*Dr. April Chatham-Carpenter, Associate Provost for Academic Affairs*
Auditorium Lounge
2nd Floor Lang Hall

9:00-9:25 am **Parash Upreti** – Does Religion Affect Economic Growth?
*Dr. Imran Alam - Economics*
Lang 208

**Rachel Carmen** – Attention Test Performance and Normal Aging: The Effect on Executive Function
*Dr. Angela Burda - Communication Sciences & Disorders*
Lang 211

**Elias Escobedo** – The Impact of Big IPO's on the Market
*Dr. Adam Smedema - Finance*
Lang 222

**Sarah Eikenberry** – Measuring the Stability of Iso-1-Cytochrome c Variants using Heme Spectra
*Dr. Melisa Cherney - Chemistry & Biochemistry*
Lang 223

9:35-10:00 am **Nicholas Carlo** – Similar but Different: An Analysis of Differences in Clarinet and Saxophone Pedagogy and Doubler's Misconceptions
*Dr. Kevin Droe - School of Music*
Lang 208

**Jordan Brelje** – Relevant Decision Criteria and their Level of Importance in Consumers' Choice of Hospital
*Dr. Matthew Bunker - Marketing*
Lang 211

**Peter Ickes** – A Study of Best Management Methods for the Invasive Hybrid Cattail Species, *Typha x glauca*
*Dr. Kenneth Elgersma - Biology*
Lang 222

**Sarah Marston** – Understanding Community Literacy Practices through Multimodal Storytelling
*Dr. Sarah VanderZanden - Curriculum & Instruction*
Lang 223

10:10-10:35 am **Elizabeth Agey** – Female Mate Selection Criteria: Preferences in Short-Term and Long-Term Mating Strategies
*Dr. Tyler O'Brien - Sociology, Anthropology, & Criminology*
Lang 211

**Conner Brakeville** – The Early Demagogues: The Rise of the Plebeian Tribunate and their Exclusive Interests, c. 550-390 BCE
*Dr. Robert Dise - History*
Lang 222

**Kiana Cullinan** – The Effects of Temperature on the Hemostatic Properties of the American Bullfrog, *Rana catesbeiana*
*Dr. David Saunders - Biology*
Lang 223

10:45-11:10 am **Reva Bork** – Non-destructive DNA Extraction Methods that Yield DNA Barcodes in Spiders
*Dr. Theresa Spradling - Biology*
Lang 211

**Rhennetta Bork** – Primer Efficacy in the DNA Barcoding of Spiders
*Dr. Peter Berendzen - Biology*
Lang 222

**Elizabeth Silbernagel** – Investigating the Linguistic Identity Development of Dual Language Learners
*Dr. Sarah Montgomery - Curriculum & Instruction*
Lang 223
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11:20-11:45 am  Abigail Lee – Analysis of Ipomoea (morning glory) Leaf Mutants
Dr. Julie Kang - Biology

*Ben Castle – A New System of First-Order Predicate Logic Based on Wittgenstein's Single Operator N
Dr. Adrienne Stanley - Mathematics & Dr. Edgar Boedeker - Philosophy & World Religions

Nicole Wakeman – Therapy and Treatment Crossover for Language Production Impairments Between Populations with Broca’s Aphasia and Sequential Bilinguals
Dr. Ken BLEILE - Communication Sciences & Disorders

*Kara Poppe – Asset-Based Community Development Practices in International Service-Learning: A Content Analysis of Short-term Programs in Nicaragua
Dr. Michele Devlin - HPELS & Dr. Sarah Montgomery - Curriculum & Instruction

11:55-12:20 pm  *Derek Hofland – Solving Lights Out on Parity Graphs
Dr. Doug Shaw - Mathematics

Pat Chizek – The Benefits of Legalizing Marijuana and Products Containing THC
Dr. John Bumpus - Chemistry & Biochemistry

*Karli Reitz – The Future of Restorative Dental Care
Dr. Darrell Wiens - Biology

12:30-12:55 pm  Thomas Madsen – An Investigation of UNI’s Budget from 1990 to 2015
Dr. Kenneth McCormick - Economics

Samantha Mallow – Losing Robin Williams: An Analysis of User-Generated Twitter Content Following the Sudden Death of a Celebrity
Dr. Ronnie Banksten - Communication Studies

Joslyn Aldape – Finding Community: The Importance of Intergroup Dialogue within Diversity Workshops
Dr. Danielle McGeough - Communication Studies

*Britney Bockstahler – Documenting the State of Kindergarten Classrooms: A Picture Is Worth a Thousand Words
Dr. Linda Fitzgerald & Dr. Beth Van Meeteren - Curriculum & Instruction

* Denotes Presidential Scholar