Honors Research Conference  
April 16, 2011

8:30-9:00 am  
Opening Reception  
Welcome by Dr. Michael Licari, Associate Provost for Academic Affairs  
Auditorium Lounge  
2nd Floor Lang Hall

9:00-9:25 am  
Trevor Boeckmann - Rational Decision-Making in the Face of Uncertainty: An Experiment in Jeopardy!  
Dr. David Surdam, Economics  
Lang 208

*Charlie Cowell - Influencing Factors behind Urban Sprawl in the United States  
Dr. Ken Brown, Economics  
Lang 211

Eric Sauser - Scholarship Management System  
Dr. Roberta Roth & Betsy Ratchford, Management  
Lang 222

Larissa French - An Analysis of Financial Leverage and the 2007 - 2009 Financial Crisis  
Dr. David Hakes, Economics  
Lang 223

Brittney Donlin - Managing Risks Associated with Athletic Facilities  
Dr. Frank Thompson, Finance  
Lang 308

Megan Horn - Integrated Marketing Communications Plan for HospiceADEASY  
Dr. Steve Corbin, Marketing  
Lang 311

9:35-10:00 am  
*Jake Rudy - Music Videos as Social Commentary: Lady Gaga and Critical Theory  
Dr. Marybeth Stalp, Sociology, Anthropology, and Criminology  
Lang 208

Sarah Heddinger - Exploring Literacy across the Curriculum: Writing in the Mathematics Classroom  
Dr. Rick Traw, Curriculum & Instruction  
Lang 211

Rebecca Bohnet - Bad Reputations: A Discussion of Gender Roles and Personas Created and Performed in Courtly (and Not So Courtly) Lyrics  
Dr. Wendy Hoofnagle, English  
Lang 222

Krista Bowers - The Fair Value Accounting Debate and the Future of the Profession  
Dr. Mary Christ, Accounting  
Lang 223

Megan Sorensen - Integrating Art and Literacy in the Elementary Classroom  
Dr. Wendy Miller, Art Education  
Lang 308

Kayla Corr - Corr's College Cooking: Teaching Students How to Cook Healthy Meals on a Budget  
Katherine Cota-Uyar, John Pappajohn Entrepreneurial Center  
Lang 311

10:10-10:35 am  
*Michael Brown - The Lighting Design and Development Process for the Strayer-Wood Theatre's Production of “On the Verge”  
Dr. Mark Parrott, Theatre  
Lang 208

Selena Losee - Formation of Intercellular Junctions during Secondary Neurlation in the Tail Bud Region of Developing Chick Embryos  
Dr. Darrell Wiens, Biology  
Lang 211

Emily Wesely - Patterns of Alcohol Violations from Police Reports on a Midwestern Campus  
Dr. Richard Featherstone, Sociology, Anthropology and Criminology  
Lang 222

* Denotes Presidential Scholar
<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:10-10:35 am</td>
<td>Tracy Moore</td>
<td>An Analysis of Strategies for the Education of English Language Learners</td>
<td>Lang 308</td>
</tr>
<tr>
<td></td>
<td>Carrie Elser, Student Field Experiences</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cassandra Hayne</td>
<td>The Effects of MyD88 Inhibition on Bovine Lung Endothelial and Epithelial Cell Cytokine Expression</td>
<td>Lang 311</td>
</tr>
<tr>
<td></td>
<td>Dr. Dave McClenahan, Biology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10:45-11:10 am</td>
<td>Diana Garles</td>
<td>Multilingual Theatre: Community Value and Future Educational Necessity</td>
<td>Lang 208</td>
</tr>
<tr>
<td></td>
<td>Dr. Jay Edelnant, Theatre</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Shelly Kuboushek</td>
<td>Recruitment of the Latino Population: A Marketing Campaign for Hawkeye Community College</td>
<td>Lang 211</td>
</tr>
<tr>
<td></td>
<td>Dr. Mike Klassen, Marketing</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Regina Reinig</td>
<td>Synthesis, Characterization, and Reactivity of a Di-t-butyl Dicyclopentadienyl Ligand</td>
<td>Lang 222</td>
</tr>
<tr>
<td></td>
<td>Dr. Martin Chin, Chemistry &amp; Biochemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aaron Hynds</td>
<td>&quot;The Hearing Room&quot;: Combining Video Art and Electroacoustic Music</td>
<td>Lang 223</td>
</tr>
<tr>
<td></td>
<td>Dr. Jeff Funderburk, School of Music</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rhiannon Talbot</td>
<td>Differences in Depression Levels among Tenors, Baritones, and Basses</td>
<td>Lang 308</td>
</tr>
<tr>
<td></td>
<td>Dr. Carolyn Hildebrandt, Psychology</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jaime Zeigler</td>
<td>Which Variables Affect Crime Rate?</td>
<td>Lang 311</td>
</tr>
<tr>
<td></td>
<td>Dr. Mark Ecker, Mathematics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:20-11:45 am</td>
<td>Katlin MacBride</td>
<td>The Bass Clarinet: Its History and Role in the Symphony Orchestra</td>
<td>Lang 208</td>
</tr>
<tr>
<td></td>
<td>Dr. Amanda McCandless, School of Music</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Leanne Hotek</td>
<td>The Chains of Hidden and Invisible Power: An Understanding Imperative for Societal Transformation</td>
<td>Lang 211</td>
</tr>
<tr>
<td></td>
<td>Dr. Alexandra Kogl, Political Science</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*Kayla Boyle</td>
<td>A Different Kind of Garden: Seeding the Growth of TaS$_2$ Nanostructures with 3d Transition Metals</td>
<td>Lang 222</td>
</tr>
<tr>
<td></td>
<td>Dr. Laura Strauss, Chemistry &amp; Biochemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Meredith Hild</td>
<td>Sacred Stones for Sacred Structures: An Examination of Patterns in the Temples and Twin Complexes of Classic Mayan Architecture at Palenque and Tikal</td>
<td>Lang 223</td>
</tr>
<tr>
<td></td>
<td>Dr. Anne Woodrick, Sociology, Anthropology and Criminology</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Briana Vera</td>
<td>Beliefs, Concerns, and Methods of Parents Raising Children Bilingually: A Study of Hispanic Iowa Mothers Attempting to Maintain Heritage Language in their Children</td>
<td>Lang 308</td>
</tr>
<tr>
<td></td>
<td>Dr. Ken Bleile, Communication Disorders</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*David Rygh</td>
<td>Individual Batting Factors Influencing a Team's Probability of Winning</td>
<td>Lang 311</td>
</tr>
<tr>
<td></td>
<td>Dr. Mark Ecker, Mathematics</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Denotes Presidential Scholar
Honors Research Conference
April 16, 2011

11:55-12:20 pm
Erik Wolter - Growth and Characterization of Nanoscale Thin Films
Dr. Tim Kidd, Physics

*Elizabeth Wiedenheft - "With a Woman's Bitterness": Early Propaganda against Female Rulers in Medieval Chronicles in the Twelfth and Fifteenth Centuries
Dr. Jay Lees, History

Francisco Mota - Fuga: A Homoiconic Object-Oriented Programming Language
Dr. Eugene Wallingford, Computer Science

Amanda Schickel - Essential Workplace Communication Skills: Student vs. Employer Perspectives
Dr. Tom Hall, Communication Studies

Ciara Pearce - Social Media Marketing: Facebook and the Effect of Coupons on Customer Loyalty among College Students
Dr. Matthew Bunker, Marketing

Chelsea Miller - Mass Media Depictions of Soviet Life under Khrushchev
Dr. Greg Bruess, History

12:30-12:55 pm
*David Hosack - Jerry Falwell's Use of Theological Methodology for Making Political Claims: A Critique
Dr. Jerry Soneson, Philosophy & World Religions

*Jessica Ueland - Effects of Sexual Assault Education on College Students' Rape-Supportive Attitudes
Dr. Gary Gute, Applied Human Sciences

Kevin Shannon - Implementing a Natural Language to Structured Query Language Translator
Dr. Eugene Wallingford, Computer Science

Christopher Outzen - Apologia, Atonement, and the Public Sphere
Dr. John Fritch, Communication Studies

*Bryce Duchman - The Effect of Hypergravity on Xenopus Embryo Growth and Cardiac Hypertrophy
Dr. Darrell Wiens, Biology

Emily Schippers - Assessment of the Adoption of International Financial Reporting Standards in Foreign Countries in Comparison to the Anticipated Results of United States IFRS Adoption
Dr. Mark Baumann, Accounting

1:05-1:30 pm
*Ashley Fitzgerald - An Analysis of Elementary Teachers' Self-Reported Competencies in Handling Student Grief in the Classroom
Dr. Suzanne Freedman, Educational Psychology & Foundations

*Katelyn Haw - Designing for the User: Exploring the Interface Design of Web Services
Dr. Ben Schaefer, Computer Science

Ryan Mahaffey - Does Athletic Success Influence an Alumnus's Decision to Give?
Dr. Lisa Jepsen, Economics

* Denotes Presidential Scholar
<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Location</th>
</tr>
</thead>
</table>
| 1:05-1:30 pm | **Kimberly Kluesner** - *Fit Measures of Work-School Congruence and Individual Outcomes*  
Dr. Adam Butler, Psychology | Lang 308   |
|              | *Andrew Steckel* - *An Analysis of QuickBooks Internal Control Utilization*  
Dr. Dennis Schmidt, Accounting | Lang 311   |
| 1:40-2:05 pm | *Brittany Fett* - *Health Reform: The Effects of the Patient Protection and Affordable Care Act on Iowa's Critical Access Hospitals*  
Dr. Kent Sandstrom, Sociology, Anthropology and Criminology | Lang 208   |
|              | *Sarah Gronemeyer* - *Girls Basketball in Iowa: The Game of Six on Six and its Impact on the State's Athletic Culture*  
Dr. Brian Roberts, History | Lang 211   |
|              | **Jessa Schweitzer** - *NetFlow-Based Bandwidth Auditor for the ResNet Network*  
Dr. Ben Schafer, Computer Science | Lang 222   |
|              | **Nicholas Fohey** - *The Efficiency of the NFL Point Spread Betting Market*  
Dr. Lisa Jepsen, Economics | Lang 223   |
|              | **Danielle Enderson** - *Earnings Management and the Effect on Long-Run Performance for Firms with Seasoned Equity Offerings*  
Dr. Mir Zaman, Finance | Lang 308   |
|              | **Jake Hoversten** - *Traditional vs. Alternative Assessment Methodology in Iowa's Secondary Social Science Classroom*  
Dr. Barry Wilson, Educational Psychology & Foundations | Lang 311   |

* Denotes Presidential Scholar