

4-1-2014

Seventh Annual UNI Graduate Student Symposium [Program], 2014

University of Northern Iowa

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Graduate Student Symposium *April 1, 2014*

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Graduate Student Symposium *April 1, 2014*

Greetings from the Graduate College,

It is my great pleasure to welcome you to the Seventh Annual Graduate Student Symposium at the University of Northern Iowa. This event showcases the depth, breadth, and quality of graduate students' research, scholarship, and creativity. Graduate education at UNI is recognized for preparing students to be leaders in professional work and further graduate study. UNI's graduate faculty members are recognized for outstanding teaching, distinguished research, and service to their professions and the worldwide community.

The Symposium has grown over the years from a rather small gathering of students to a true campus event lasting nearly an entire day. The first Symposium, in 2008, was just two hours long and small enough to be held in the Great Reading Room. This growth is due in large part to the dedication of the graduate faculty, who encourage their students to participate and who serve as judges. I greatly appreciate their service, and I know our student participants do as well.

Michael J. Licari, Ph.D.
Dean, Graduate College
Associate Provost for Academic Affairs

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Judges:

Poster Presentation Judges

Dr. Richard Featherstone, Interim Associate Dean
College of Social & Behavioral Sciences
Associate Professor, Department of Sociology, Anthropology, & Criminology

Dr. Eric Hiris, Department Head and Professor
Department of Psychology

Dr. John Johnson, Professor
Department of History

Dr. Michael Prophet, Professor
Department of Mathematics

Dr. Karla Krueger, Assistant Professor
Department of Curriculum & Instruction

Dr. Lauren Nelson, Associate Professor
Department of Communication Sciences & Disorders

Dr. Phyllis Baker, Department Head and Professor
Department of Sociology, Anthropology, & Criminology

Dr. Cynthia Juby, Interim Department Head and Associate Professor
Department of Social Work

Dr. Paul Shand, Interim Department Head and Professor
Department of Physics

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Judges:

Poster Presentation Judges Continued

Dr. David Saunders, Department Head and Professor
Department of Biology

Dr. Audrey Rule, Associate Professor
Department of Curriculum & Instruction

Dr. Julie Zhang, Associate Professor
Department of Technology

Oral Presentation Judges

Dr. Darcie Davis-Gage, Associate Professor
School of Applied Human Sciences

Dr. Kavita Dhanwada, Associate Dean, College of Humanities, Arts & Sciences
Associate Professor, Department of Biology

Dr. Christopher Larimer, Associate Professor
Department of Political Science

Dr. Catherine MacGillivray, Interim Director and Associate Professor
Women's & Gender Studies

Dr. Christopher Martin, Interim Department Head and Professor
Department of Communication Studies

Dr. Charles McNulty, Assistant Professor
Department of Educational Leadership & Postsecondary Education

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Judges:

Creative Presentation Judges

Dr. Melinda Boyd, Associate Professor
School of Music

Dr. Angeleita Floyd, Professor
School of Music

Dr. Wendy Hoofnagle, Assistant Professor
Department of Languages & Literatures

Dr. Nancy Lippens, Associate Provost for Faculty Affairs
Executive Vice President & Provost Office
Professor, School of Music

Notes:

All descriptions are the original work of the presenters.
Capitalization of titles is standardized for inclusion.

Oral Presentations:

Please enter presentation rooms only between sessions. No one will be admitted once a presentation begins. Oral presentations will follow a strict time frame. Presenters are allowed 13 minutes to present and an additional five minutes for questions.

Attendees of Creative Performances:

Please enter only between performances.
Photography and recording are prohibited.

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Poster Presentations:

Literature Review

Mohammed Alzayer

Special Education (EdD)

Using Live and Video Models to Teach Children with Autism Spectrum Disorder Communication and Language Skills: Focusing on Asking and Answering Questions Skills

- Dr. Frank Kohler

Children with Autism Spectrum Disorder (ASD) are at risk for having difficulties with communication and language skills, especially when asking and answering questions. Modeling is one intervention used to address these skills. Using modeling to teach children with ASD helps to develop and support their communication and language skills.

Rachel Gregory

Public Policy (MPP)

The Impact of Evolutionary Theory on Gender and Participation in Decision Making

- Dr. Christopher Larimer

This presentation discusses and analyzes the role of gender in the decision-making process. Males and females exhibit differing behaviors within groups of various gender compositions that lead to altered decision-making outcomes. Both social role theory and the evolutionary theory of mate selection provide insights into these essential differences.

Rajana Joshi

Technology (DT)

Harvesting Ambient Energy to Power Wireless Sensor Nodes

- Dr. Jin Zhu

This is a literature review on solar energy harvesting and storage techniques that have the potential to power the micro wireless sensor networks in structural health monitoring. The recent advancements and limitations of solar energy harvesting and storage circuit were studied extensively.

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Literature Review Continued...

Brittany Lewno

Psychology: Clinical Science (MA)

Stigma or Support? A Comparative Literature Review of the Stigma Associated with Attention-Deficit/Hyperactivity Disorder (ADHD) and Autism Spectrum Disorder (ASD)

- Dr. Elizabeth Lefler

The current presentation is a literature review of Attention-Deficit Hyperactivity Disorder (ADHD) and Autism Spectrum Disorder (ASD) stigma. This presentation will provide an overview of stigma generally, stigma as it related to mental illness, and the importance of focusing on ADHD and ASD stigma.

Project

Emily Banitt

Psychology: Clinical Science (MA)

Longitudinally Predicting Relationship Satisfaction in College Students Using Salivary Cortisol, Personality, and Anxiety

- Dr. Robert Hitlan

In the study of interpersonal relationship satisfaction, most research has focused on the predictors of such satisfaction among married couples with far less attention to such instances involving non-married dating couples. The current research proposes extending this area of research using a sample of non-married couples in monogamous committed relationships.

Trey Brokaw

Physical Education: Kinesiology (MA)

Is There a Correlation in Improvements of TOPS Scores and Improvements in Track and Field Performances in Collegiate Athletes?

- Dr. Robin Lund

Last year, the researcher worked closely with the cross country and track & field programs at Emporia State University in Emporia, Kansas. The goal was to improve their mental preparation heading into races and therefore, improve their overall ability to compete at a higher level.

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Project Continued...

Luci Dumas

Psychology: Clinical Science (MA)

The Influence of Locus of Control and Personality Traits on Life Goals in Offenders

- Dr. Sunde Nesbit

Seventy-six male offenders residing in a residential correctional facility were interviewed about their life goals. This study hopes to understand how intrapersonal factors such as personality traits and locus of control influence the type and perception of life goals in offenders.

Rachel Meisinger

Psychology: Clinical Science (MA)

Sluggish Cognitive Tempo in the Classroom: Under-Identified by Teachers

- Dr. Elizabeth Lefler

Research suggests that Sluggish Cognitive Tempo (SCT) is a distinct attentional disorder from Attention-Deficit/Hyperactivity Disorder (ADHD) that is characterized by a hypoactive, sluggish behavior pattern. Children with SCT struggle with internalizing, academic, and social problems, yet they are likely going unrecognized in the classroom because these behaviors are not disruptive.

Amber Schramm

Psychology: Clinical Science (MA)

Perceptions of Violence Risk Toward Adolescents with Mental Illness

- Dr. Helen Harton

The purpose of this research is to identify juvenile court officers' and school teachers' attitudes toward adolescents with mental illness, their perceptions of the adolescents' risk for future violence, and future recommendations. Results may lead to a better understanding of how risk is assessed in youth with mental illness.

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Project Continued...

David Vilarino

Psychology: Social Psychology (MA)

The Ideal Profile of Employment Counselors. A Comparison Between United States, European Union and Spain

- Dr. Helen Harton

Through analysis and comparison of data from the USA, the European Union and Spain, we propose to find the best employment counselor profile and determine its legal regulation in Spain. We will assess competencies, skills and characteristics of employment counselor profiles, including aspects related to Positive Psychology and Emotional Intelligence.

Research

Pavel Bizyukov

Technology (DT)

Influence of Process Variables on Impact Toughness of Low Alloy CR-Mn Steel

- Dr. Scott Giese

This research project comprised a comprehensive analysis of process variables on mechanical properties of low alloy Mn-Cr cast steel. The study was particularly concerned how impact toughness is affected by major process variables. The project was conducted at the UNI Metal Casting Center.

Heather Chamberlain

Science Education (MA)

Robert Spielbauer

Earth Science (BA)

Using a Transparency Tube for Measuring Water Clarity

- Dr. Daryl Smith

Testing water clarity and turbidity in the field can be difficult and inaccurate when using traditional measures. We explored several testing methods in the field and in the lab. Results support the use of the acrylic transparency tube. Data collected and analyzed using turbidity reflect this finding.

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Research Continued...

Lingxiu Chen

Technology: Engineering Management (MS)

Enhanced Pulse-position modulation (PPM) in Ultra-Wideband (UWB) Systems

- Dr. Jeffery Nie

In this thesis, a new pulse position allocation scheme to improve bit-error-rate performance as well as transmission rate of Ultra-Wideband Systems is proposed.

Elizabeth Collins

English: English Studies (MA)

Defining "Indian Science"

- Dr. Don Gaff

This poster will explore Native American beliefs about the natural world and how they comply with and/or oppose Western views of science by looking at a variety of organizations and educational materials that help to encourage Native American students to study science.

Matthew Cooney

Geography (MA)

Understanding Long-Term Spatiotemporal Dynamics of the Taimyr Reindeer Herd in a Changing Environment

- Dr. Andrey Petrov

The study aims at systematizing and analyzing available historical data on wild reindeer migration and ecosystems change in the Taimyr Peninsula, Russia, a habitat of the world's largest reindeer herd.

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Research Continued...

Belinda Creighton-Smith	Allied Health, Recreation, and Community Services (EdD)
Theodora Jn Baptiste	Allied Health, Recreation, and Community Services (EdD)
Amani Al Rebeh	Allied Health, Recreation, and Community Services (EdD)
Noha Fadlaldin	Allied Health, Recreation, and Community Services (EdD)
Kristina Leen	Allied Health, Recreation, and Community Services (EdD)

Phase II of Research Project: Linkages to Social Capital & Well-Being Among Undergraduate Students

- Dr. Samuel Lankford

Administer survey, analyze and discuss implication of findings. The survey was adopted from the National Aboriginal and Torres Strait Islander Social Survey (NATSISS) (ABS, 2004) designed to measure social capital and subjective well-being. Likert scale utilized.

Tsamchoe Dolma	Psychology: Social Psychology (MA)
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The Role of Emotion Regulation In Academic Emotions and Academic Achievement

- Dr. Dilbur Arsiwalla

The role of emotion regulation strategies, self-efficacy, and self-regulation were examined to determine whether these factors buffer the relationship between academic emotions and academic achievement.

We expect students with high self-efficacy, self-regulation, and cognitive reappraisal to have higher academic achievement under conditions of low positive emotions.

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Research Continued...

Paden Goldsmith

Psychology: Social Psychology (MA)

Violent Video Game and Aggressive Behavior: Mortality Salience and the Hostile Attribution Bias

- Dr. Dilbur Arsiwalla

The effects of violent media are typically examined with the General Aggression Model, which incorporates several empirically tested causes of aggressive behavior, and the underlying mechanisms. This study examines alternative causes of aggressive behavior, as well as the strength of their effects, as it pertains to violent media.

Jordan Hein

Biology (MS)

Metabolic Response to Drought Stress in Barley

- Dr. Tilahun Abebe

The drought response of the barley spike at the grain-filling stage has been characterized previously using gene expression studies. We investigate this response using metabolomics.

Javier Hervas

Physical Education: Kinesiology (MA)

3D Variability In Ball Toss and Impact Location For Tennis Serves In Collegiate Female Players

- Dr. Travis Ficklin & Dr. Robin Lund

Though research exists on the tennis serve and its phases, less is known about the toss. The variability of the tennis ball toss may be an important aspect of the serve. Among all the research involving tennis there are no studies describing the variability of the toss in the tennis serve and its relationship to match success.

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Research Continued...

Corina Klein

Psychology: Clinical Science (MA)

Are Stigma Attitudes Triggered by Driving Aggression?

- Dr. Sunde Nesbit

Trait angry drivers experience greater roadway anger and aggression; however, no research has investigated whether this anger could increase stigma attitudes toward people with PTSD. Higher DAS scorers are expected to endorse more negative attitudes toward target groups. People with high initial stigma will endorse more anger during target scenarios.

Kirstin Kramer

Psychology: Clinical Science (MA)

Authoritative Parenting: A Protective Factor Against Deviance and Criminal Conduct

- Dr. Elizabeth Lefler

Ineffective parenting is hypothesized to result in low self-control thus leading to higher criminality (Gottfredson & Hirschi, 1990). This study investigated 46 inmates' self-control and parent-child relationships. A significant negative relationship was identified with self-control and effective parenting, suggesting that effective parenting is a protective factor against low self-control.

Qingshan Liang

Technology (DT)

Measurement and Analysis of Intra-Vehicle UWB Channels

- Dr. Jeffrey Nie

This research project comprised a data measurement and analysis in an intra-vehicle environment. The measurement results are fed to a de-convolution program built with MATLAB codes. In this paper, the data analysis results can prove UWB technology is promising to be used for intra-vehicle wireless communication and control systems.

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Research Continued...

Michael Mintz

Psychology: Social Psychology (MA)

Effects of Size on Judgment of Sex in Point Light Displays

- Dr. Eric Hiris

This research investigates how the amount of space occupied by point-light walker figures affects participant judgment of the figure's sex. Participants judged male and female figures differing on dimensions of weight, happiness, and nervousness. Participants were expected to perceive larger figures as more male and smaller figures as more female.

Daniel Mourlam

Curriculum & Instruction (EdD)

iPads and Preservice Teacher Preparation

- Dr. Sarah Montgomery

Preliminary results of a longitudinal study investigating the implementation of iPads in a methods course with an embedded field experience. Data was collected through participant observation, interviews, and an open-ended survey. Early findings suggest increased K-12 student engagement, preservice teacher growth, and potential value using iPads in other methods courses.

Brock Rozich

Psychology: Social Psychology (MA)

Kristin Broussard

Psychology: Social Psychology (MA)

Paden Goldsmith

Psychology: Social Psychology (MA)

Justin Simmons

Psychology: Individualized Study (MA)

Tsamchoe Dolma

Psychology: Social Psychology (MA)

Political Orientation and Prejudice Toward Ethnic Men and Women

- Dr. Helen Harton

Participants read an ambiguous employee incident report for a male vs. female employee of European American, African American, Asian American, or Latino/s descent. Political conservatives reacted less punitively toward the female vs. male employee, regardless of ethnicity, which may be due to higher levels of modern sexism.

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Research Continued...

Tesfay Russell

Geography (MA)

Spatially Explicit Empirical Approach to Wind Farm Site Suitability Modeling in Iowa

- Dr. Andrey Petrov

Wind resource characterization utilizing spatial modelling.

Justin Simmons

Psychology: Individualized Study (MA)

Eyewitness Sketches of Crime Scenes: Instructions Can Improve Quality

- Dr. Otto MacLin

Eyewitness sketches of crime scenes are often presented as evidence at trial. This research examines the relationship between the instructions given to an eyewitness and the quality of the map created. Results indicate that it is possible to achieve higher quality sketches of crime scenes if instructions are more specific.

Sara Smith

Technology (DT)

Competencies for Graphic Communications Personnel

- Dr. Mohammed Fahmy

Given the many changes that are occurring with the technologies and processes of the graphic communications industry, the needs of the workforce are changing as well. This study includes research of the competencies needed by the future personnel in the industry. It can serve as a guide for educators who prepare curriculum.

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Research Continued...

Erik Walker

Communication Studies: General Communication (MA)

Norman Rockwell's The Problem We All Live With and the Selection of Images

- Dr. Catherine Palczewski

The essay analyzes Norman Rockwell's photorealistic oil painting, *The Problem We All Live With* to argue that narrative in iconic images is used to create a call for civic response.

Peng Zhang

Psychology: Social Psychology (MA)

Tsamchoe Dolma

Psychology: Social Psychology (MA)

Big Five Personality Traits and Eating Habits

- Dr. Helen Harton

College students living in the residence halls completed a survey assessing their Big Five personality traits and eating habits. Students who were higher in neuroticism or lower in conscientiousness reported more problematic health behaviors, such as eating fewer fruits and vegetables and eating while browsing the Internet.

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Oral Presentations:

State College Room

Maryam Ghayoorrad

Curriculum & Instruction (EdD)

Are Students Experiencing the Intended Outcomes of Quality Matters Standards?

- Dr. Leigh Zeitz

Quality Matters (QM) is a program that provides a rubric for designing online or blended courses based on standards intended to improve the design of online courses. The present research investigates whether students are actually experiencing the intended outcomes of QM in courses designed by following the QM Rubric.

Megan Vogt

Social Work (MSW)

Portrayals of Feminism: Through the Eyes of Hans Christian Andersen and Walt Disney Productions

- Dr. Katherine van Wormer

This presentation will compare the two works of Hans Christian Andersen including *The Little Mermaid* and *The Snow Queen* with their Walt Disney Pictures film adaptations *The Little Mermaid* and *Frozen*.

Evan Schares

Communication Studies: General Communication (MA)

DeRod Taylor

Communication Studies: Performance Studies (MA)

Amanda Hale

Communication Studies: Communication Education (MA)

Politics and Privilege of the Mundane: Student Exploration of Heterosexual Privilege through Homosexual Handholding

- Dr. Karen Mitchell

Politics and Privilege of the Mundane is an activity taking a critical pedagogical approach to heterosexual privilege. Drawing on privilege and oppression texts by Freire and Case, this activity is designed to broaden students' understanding of oppression and privilege and its prevalence in daily activities that are often overlooked.

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Oral Presentations:

State College Room

Phyllis Gray

Curriculum & Instruction (EdD)

Connecting African American Students to Four Traditional Cultures of Africa through Diorama-Making

- Dr. Audrey Rule

This pretest-posttest study examines fifth grade African American student racial identity and learning about four traditional African cultures (Bamana/Bambara, Maasai, Ndebele, Yoruba) through cereal box diorama-making and pop-up construction accompanied by reflective writing. Photographs of constructions along with excerpts from student essays and posttest results will be presented.

Laura Trettin

Postsecondary Education: Student Affairs (MAE)

The Effects of Living in a Springboard House During One's First Year at the University of Northern Iowa

- Dr. Michael Waggoner

The first year student living options, known as Springboard Houses, are unique to UNI and provide an opportunity for students to live in a community supportive of the transition to college. This study examines the effects of Springboard House participation for first year students. By examining retention on campus, aggregate grade point averages, on-campus involvement and the housing experience for students, this study will provide a detailed view of the role Springboard House communities play in the first year student experience.

Asha Ganesan

Psychology: Social Psychology (MA)

Gender Differences in Self-Concept Consistency and Career Choices under Stereotype Threat

- Dr. Helen Harton

Associating careers with a specific gender can lead to women and men turning away from jobs atypical of their gender (e.g., math-related for women and care-related for men). The current research examined the role played by gender-related stereotype threat cues in self-concept consistency, complementing findings from test-based situations.

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Oral Presentations:

Elm Room

Chance Finegan

Public Policy (MPP)

The Alaska Lands Controversy: America's 'Last Great First Chance' in Land Conservation and Native American Relations

- Dr. Leisl Carr-Childers

Protests engulfed Alaska as the Carter Administration considered the future of millions of federal acres. Should they be protected as wilderness? Developed? What about Native Alaskans' land claims?

In a clash of old and new conservation, the debate over the Alaska National Interest Lands Conservation Act forever changed Alaska.

Alexa Juhl

Health Education: Community Health Education (MA)

A Case Study: Sex Education Practices in Mainline Protestant Denominations

- Dr. Susan Roberts-Dobie

This presentation discusses sex education opportunities in Mainline Protestant Denominations. Based on the findings, five themes related to the churches' role in sex education were revealed. Pastors' comments indicate that churches are a willing partner in comprehensive sex education efforts.

Sandra Flikkema

Communication Studies: Organizational Communication (MA)

Ritual Interrupted: Getting 'Fired' Gets Laughs and Shifts Power in Organizations On and Off Television

- Dr. Laura Terlip

TV scriptwriters borrow themes of pink slips and layoffs in programming content. This study highlights an atypical ritual as represented on television, what happens when rituals (particularly this one) are disrupted, and what effect that disruption has on audiences and communication practices on the other side of the screen.

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Oral Presentations:

Elm Room

Adejoh Ogbe

Geography (MA)

Spatial Analysis of Foreclosure and Neighborhood Characteristics in Miami Metropolitan Area, Florida

- Dr. Bingqing Liang

Majority of homeowners are not strangers to the term "foreclosure" considering how it has been a huge problem for over a decade, especially for several states like California, Florida, Nevada and Arizona in the USA. This research project examines housing foreclosure and its relationship with neighborhood characteristics in Miami metropolitan area, Florida.

Brock Rozich

Psychology: Social Psychology (MA)

Atheists Experience Harsher Attributions Than Their Non-Religious Counterparts

- Dr. Kim MacLin

Our research question centers on whether the use of the terms 'atheist' or 'someone with no religious beliefs' would impact attributions of guilt/punishment, and moral values in assessing a student engaged in classroom cheating behaviors. Our results indicate that people are judged more harshly when they are labeled an atheist.

Rimaz Herz

Special Education (EdD)

Nurturing Resiliency Among Adolescents with Emotional and Behavioral Disturbances (EBD) in a Special Education Setting

- Dr. Frank Kohler

This qualitative study focused on understanding the nature of interventions provided to students identified as having the most severe emotional and behavioral disabilities, and how such interventions might explicitly or implicitly promote resilience. The researcher sought to examine interventions used by observing a specific self-contained program with clearly defined services.

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Oral Presentations:

University Room

Melanie Abbas

Technology (DT)

Development of a Multi-Mode Self-Adaptive Traffic Shaping Algorithm for an Efficient Network

- Dr. Jin Zhu

A traffic shaping algorithm is proposed to allow dynamic changes to network queuing dependent on the activity in real-time to improve the quality of service (QoS). Simulation results are presented to evaluate performance improvements on the network QoS by applying the proposed algorithm.

Kristin Broussard

Psychology: Social Psychology (MA)

Effects of Participant Characteristics on Attitudes Toward Tattooed Individuals

- Dr. Helen Harton

Tattoos have become common, and studies suggest people view tattooed individuals negatively. Participants rated people with and without tattoos on personality characteristics. Participant gender and tattoo status affected ratings of tattooed stimuli. Tattooed individuals were rated more negatively than non-tattooed individuals, and men are rated more negatively than women.

Jessica Abernathy

Biology (MS)

The Effect of Species Richness on the Use of Native Perennial Vegetation as Bioenergy Feedstocks

- Dr. Mark Sherrard

Native perennial vegetation could be a valuable bioenergy feedstock on marginal soil. In this study, we compare the productivity, invasion resistance, and compositional stability of four assemblages of prairie vegetation on three soil types.

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Oral Presentations:

University Room

Jenifer Shoultz

Athletic Training (MS)

The Effect of Soft Tissue Oscillation Therapy on Pain Associated with Delayed Onset Muscle Soreness

- Dr. Kelli Snyder

This study involves a collection of data on individuals who were induced with delayed onset muscle soreness to their arms. The individuals were treated with a newer modality, known as soft tissue oscillation therapy. This data will assist in evaluating the effectiveness of soft tissue oscillation therapy on musculoskeletal pain.

Darshak Dodiya

Technology: Industrial Management (MS)

Analysis of Use of Automated Tools for Improving the Process of Software Verification and Validation in a Midwestern Company

- Dr. Ali Kashef

Analysis of current process of results reporting in software verification and validation department of a Midwestern organization was performed. Further, an experimental tool was developed and introduced to automate reporting process. The resulting change in the amount of time consumed was recorded to study the difference in time consumption before and after the implementation of an automated tool.

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Creative Performances:

Original

Michelle Owens

English: Creative Writing (MA)

"Shells"

- Dr. Grant Tracey

"Shells" is a creative short fiction piece about a young girl straining under the burden of playing her part in the recurrent bout of defusing her father's wrath and protecting her sister.

Xavia Publius

Women's and Gender Studies (MA)

Looking Glass

- Dr. Danielle McGeough

Looking Glass is a trans*cyborg exploration of existence, identity, and queer possibility. It invites a playful and haunting gaze upon the life of a rendered-impossible subjugated being.

Rachel Routier

English: Creative Writing (MA)

"Roots of Green"

- Dr. Vince Gotera

Travel to India where a blind woman guides the roots of a tree over water to construct bridges. Listen to her aged words ring across the waters. Her story is full of sadness, but also joy. Discover her life in the short story, "Roots of Green."

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Performance

Katherin Kneisley

Performance: Voice (MM)

Brent Smith

Performance: Voice (MM)

Come scoglio from Cosi fan tutte by Mozart

- Dr. John Hines

This aria is from Mozart's *Cosi fan tutte* in which a young woman professes her undying and faithful love for her fiancé when another young man attempts to seduce her.

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Graduate Student Symposium April 1, 2014

Acknowledgements:

Event Organizers

Susie Schwieger, Director of Graduate Student Life

Scotti Hagensick, Graduate Assistant

Anthony Roth, Graduate Assistant

RaeAnn Swanson, Graduate Assistant

Graduate College Staff

Dr. Michael Licari, Associate Provost for Academic Affairs and Dean of the Graduate College; Associate Professor, Department of Political Science

Dr. Shoshanna Coon, Associate Dean for Graduate Academic Affairs; Associate Professor, Department of Chemistry

Lisa Steimel, Assistantships & Scholarships

Janet Witt, Thesis/Dissertation Reviewer

Cheryl Nedrow, Secretary II

Special Thanks

Tom Barry, Assistant Professor, School of Music

Caroline Boehmer, Administrative Assistant, School of Music

Sandi Ingles, Secretary III, Department of Biology

Chuck Pugh, Technical Director and Performance Facilities Manager, School of Music

Michael Moretti, Event Coordinator, Maucker Union

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2013 Award Recipients

Poster Presentations-Research

1st Place • Junu Shrestha

Environmental Health (MS)

Advisor: Dr. Catherine Zeman

*Long-Term, Low-Dose Exposure Residing in Arsenic Affected Areas in Iowa:
A Cross-Sectional Analytical Study*

Poster Presentations-Literature Review

1st Place • Luci Dumas

Psychology: Clinical Science (MA)

Advisor: Dr. Sunde Nesbit

*The Influence of Locus of Control and Personality Traits on Life Goals in
Offenders*

Poster Presentations-Project

1st Place • Kristin Kramer

Psychology: Clinical Science (MA)

Advisor: Dr. Elizabeth Lefler

*Testing Implications of the General Theory of Crime with Adult Male
Offenders*

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Graduate Student Symposium April 1, 2014

2013 Award Recipients

Oral Presentations

1st Place • **Nicholas Chizek**

Spanish (MA)

Advisor: Dr. Haley O'Neil

The Feminist Community and Vindicación Feminist

1st Place • **John Hanson**

Educational Leadership (EdD)

Advisor: Dr. Nick Pace

Outside is in: Women, Special Education, and the Superintendency

1st Place • **Katherine Beane**

Performance: Voice (MM), Music History (MM)

Advisor: Dr. Alison Altstatt

*A Question of Sex: The Modern Woman and Schumann's Frauenliebe und –
leben*

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Graduate Student Symposium April 1, 2014

2013 Award Recipients

Creative Performance

1st Place • **Brittany Lensing**

Piano Pedagogy/Performance (MM)

Advisor: Dr. Dmitri Vorobiev

Sonata No. 7 in Bb major, Op. 83 mvt. II and III by Sergei Prokofiev

Creative Writing

1st Place • **Alissa Cornick**

English: Creative Writing (MA)

Advisor: Dr. Jim O'Loughlin

"Hersch"

Original Creative Work

1st Place • **Xingzimin Pan**

Music Composition (MM)

Advisor: Dr. Jonathan Schwabe

Kaidan

Rocio Lima Guaman

Flute Accompanist

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Graduate Student Symposium April 1, 2014

2012 Award Recipients

Poster Presentations-Research

1st Place • Cassie Nieman

Psychology: Clinical Science (MA)

Advisor: Dr. M. Kimberly MacLin

Self-defeating Behaviors in Sexual Offenders: Exploring Factors of Social Support and Motivation to Change

2nd Place • Wayva Lyons

Social Psychology (MA)

Advisor: Dr. Cathy DeSoto

Testosterone, Intercultural Communication Apprehension, and Prestige

Poster Presentations-Project

1st Place

• Amy Buckendahl

Ecosystem Management (PSM)

Advisors: Dr. Mark Myers and Dr. Laura L. Jackson

Stormwater Management for MS4 Polluting Entities

• Michelle Sabatini

Ecosystem Management (PSM)

Advisor: Dr. Mark Myers and Dr. Laura L. Jackson

Stormwater Management for MS4 Polluting Entities

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2012 Award Recipients

Oral Presentations

1st Place • Clair Williams

Communication Studies (MA)

Advisor: Dr. April Chatham-Carpenter

To Age, or Not to Age - That is the Question: Analyzing and Debunking the Cultural Fetish and Youth Obsessed Societal Construction Known as Anti-Aging

1st Place • Goerkem Yesilnur

Communication Studies (MA)

Advisor: Dr. April Chatham-Carpenter

The Perception of Public Relations in Academia Among Communication Scholars

1st Place • Kevin O'Connor

Chemistry (MS)

Advisor: Dr. Curtiss Hanson

Development of a Axially Harmonic Ion Trap Mass Spectrometer

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2012 Award Recipients

Creative Performances

-Original Work

1st Place • Holly Botzum

Performance: Tuba (MM)

Advisor: Dr. Jeff Funderburk

"OhIowa" The Integration of Electric Techniques in Tuba Performance

1st Place • Jason Bradford

English: Creative Writing (MA)

Advisor: Dr. Jeremy D. Schraffenberger

The Inhabitants: A Poetry Reading by Jason Bradford

- Performance

1st Place • Kaethe Henning

Performance: Voice (MM)

Advisors: Dr. Jean McDonald and Dr. Korey Barrett

"Sing Seele, Gott Zum Preise" (HWV 206) from Georg Friederich Händel's Neun Deutsche Arien

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Seventh Annual



Graduate Student Symposium
April 1, 2014

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