

3-27-2012

Fifth Annual Graduate Student Research Symposium [Program], 2012

University of Northern Iowa

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Graduate Student Research Symposium

• Discover • Support • Be Inspired •

Tuesday, March 27, 2012
Maucker Union & Gallagher
Bluedorn Performing Arts Center

Poster Presentations

12:00 - 2:00 pm

Maucker Union, Ballroom

Oral Presentations

12:00 - 3:00 pm

Maucker Union, Lower Level

Creative Performances

6:30 - 9:00 pm

Davis Hall - GBPAC

The UNI Graduate College Presents

Fifth Annual
Graduate Student
Research Symposium

• Discover • Support • Be Inspired •

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Greetings from the Graduate College,

It is my great pleasure to welcome you to the Fifth Annual Graduate Student Research 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.

We are proud to offer students a world-class education in a personalized graduate environment. Our programs provide students with amazing opportunities. I know this, as I have seen my sister (M.A. '97) do wonderful things after earning her graduate degree from UNI. To students performing and presenting their work in this year's Symposium, I wish you the best as you continue your education or start your careers. And to our graduate faculty and administrators, I thank you for your commitment to quality graduate education at the University of Northern Iowa.

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

Judges

Oral Presentation Judges

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

Dr. Dale Cyphert, Associate Professor
Department of Management

Dr. Mike Gasser, Professor
Department of Psychology

Dr. Tom Hall, Associate Professor
Department of Communication Studies

Dr. Susan Hill, Associate Professor
Department of Philosophy and World Religions

Dr. Joyce Milambiling, Associate Professor
Department of Languages and Literatures

•

Poster Presentation Judges

Dr. C. Cliff Chancey, Department Head and Professor
Department of Physics

Dr. Maureen Clayton, Associate Professor
Department of Biology

Dr. Susan Etscheidt, Professor
Department of Special Education

Dr. Helen Harton, Professor
Department of Psychology

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

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

•

Creative Performance Judges

Dr. Rebecca Burkhardt, Professor
School of Music

Scott Cawelti, Professor Emeritus
Department of Languages and Literatures

Dr. Cynthia Goatley, Professor
Theater Department

Dr. John Wiles, Assistant Professor
School of Music

Notes

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

Attendees of Oral Presentations

Please enter only between presentations.

Attendees of Creative Performances:

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

Oral Presentations

Oak Room

12:00 p.m. • Christina Boeck Biology (M.S.)

The Effect of Perigynia Removal and Stratification on Germination of Carex brevior and C. molesta

- Dr. Daryl Smith

Native *Carex* species important in vegetative restoration efforts exhibit a high level of dormancy. Cold-wet stratification and perigynia removal has been shown to increase germination in some *Carex* species. This research examined the effect of cold-wet stratification and perigynia removal on two native species, *C. brevior* and *C. molesta*.

12:20 p.m. • Ulan Dakeev Industrial Technology (DIT)

Management of Urban Parking Lot Lighting with the LED Lamps

- Dr. Recayi Pecem

This research focuses on the management of a parking lot of a large manufacturing company with a new approach. Conventional mercury lamps are replaced with LED lamps. To decrease the environmental impact of coal-burned power plants, a solar-wind hybrid system is constructed to power the experimental parking lot.

12:40 p.m. • Kiranjeet Dhillon Communication Studies (M.A.)

April Larson

Communication Studies (M.A.)

A Rhetorical Analysis of "What Makes a Family": Zach Wahls' Speech to Iowa

- Dr. Catherine Helen Palczewski

Wahls, a resident of Iowa City, gave a three-minute speech, titled "What Makes A Family." By April 2011, the YouTube video had 1.7 million views. We analyze Wahls's embodied performance, persona, and audience adaptation.

• **1:00 – 1:20 p.m.** • **BREAK** •

1:20 p.m. • Kasee Fuller Leisure, Youth & Human Services (Ed.D.)

The Use of Recreation to Assist in the Reintegration of Operation Iraqi and Enduring Freedom Veterans

- Dr. Christopher Kowalski

This presentation will discuss the psychological reintegration difficulties experienced by many Operation Iraqi and Enduring Freedom veterans, perceived barriers to seeking mental health services and the role that adventure programming can play in assisting veterans following deployment.

1:40 p.m. • Wade Kooiman Leisure, Youth and Human Services (Ed.D.)

A Comparative Analysis of Coaches Self-Efficacy and Parents' Efficacy Expectations of Coaches

- Dr. Christopher Kowalski

This study explores other-efficacy beliefs. Special attention is paid to the coach-parent dyad comparing the coaches' evaluation of their own coaching efficacy with the parents' perception of the same coaches' efficacy levels. Past research explores only player perception and this study uses an instrument specifically designed for coaches.

2:00 p.m. • Clair Williams Communication Studies (M.A.)

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

- Dr. April Chatham-Carpenter

A content analysis was conducted to better understand the use of mass media advertisements showcasing anti-ageing products and services. This research entailed the use of four individual coders as well as the primary researcher to analyze eight anti-aging advertisements for thematic occurrences.

State College Room

12:00 p.m. • Kristen McNutt Women's and Gender Studies (M.A.)

We're Taking Slut Back: SlutWalks, the Rape Script, and the Linguistic Reclamation of the Slut

- Dr. Barbara Cutter

This paper will explore the emergence of SlutWalk protests against the revictimization of rape survivors by law enforcement and the judicial system. The paper will analyze the SlutWalks' project of reclaiming the word "slut," and will ask whether the word "slut" can be reclaimed and transformed into an empowering word.

12:20 p.m. • Evans Mudanya Instructional Technology (M.A.)

Synopsis of Attitudinal Differences Towards Technology (iPad versus Laptops) in a One to One Setting in a Midwest High school

- Dr. Leigh E. Zeitz

This is a presentation on the research titled, "iPads versus Laptops: The Effects of Mobile Devices on Students' Attitudes Towards Technology and Learning."

The purpose of the study is to identify whether there is any correlation between mobile device used and students' attitudes towards learning and/or technology.

12:40 p.m. • Kamlesh Niraula Women's and Gender Studies (M.A.)

Western Feminism & Nepalese Women

- Dr. Barbara Cutter

This paper explores why western feminist theories are not suitable for addressing the issues of Nepalese women. The paper depicts various problems faced by Nepalese women and also brings forward the possible solutions which are based upon women's local and national level campaigns and activisms rather than feminism.

• **1:00 – 1:20 p.m.** • **BREAK** •

1:20 p.m. • Kevin O'Connor Chemistry (M.S.)

Development of a Axially Harmonic Ion Trap Mass Spectrometer

- Dr. Curtiss Hanson

A new type of mass spectrometer has been developed capable of providing molecular analysis using axial ion frequencies within an ion trap. In this novel instrument, harmonic ion oscillations are used to determine the mass of molecular samples. This work addresses the need for lower cost, high performance analytical instrumentation.

1:40 p.m. • ChaValier Sharps Clinical Psychology (M.A.)

The Black American Experience in Fiji and Hawaii

- Dr. Helen Harton

An exploration of the lesser known Black-American experiences in the Pacific (particularly the islands of Fiji and Hawaii) via first and second-hand accounts, how these experiences differed from those of the Black-American in the U.S., and why these experiences have gone unknown.

2:00 p.m. • Kelli Snyder

Rehabilitation Studies (Ed.D.)

Development of an Ankle Function Model

- Dr. Todd Evans

This study involves interviews with content experts and elite injured athletes to explore how function is affected by ankle injury and how function should be measured by athletic trainers. Additionally, expert consensus is being sought in regards to the definitions of a healthy ankle and functional ankle instability.

Presidential Room

12:00 p.m. • Matt Sprengeler

History (M.A.)

Terror in the House: The Cold War and the Game of Clue

- Dr. Brian Roberts

This presentation uses the popular board game Clue as an interpretive framework for examining American attitudes toward domesticity in the early Cold War. Contemporary writers, as well as a close reading of the game itself, will be used to investigate some of the period's anxieties about home life.

12:20 p.m. • Jessica Steen Social Work: Advanced Micro Practice (MSW)

Awareness of Deaf and Hard of Hearing Victims of Domestic Violence and Sexual Assault

- Dr. Cynthia Juby

This research discusses the awareness in hearing communities of deaf and hard-of-hearing victims of domestic violence and sexual assault. I sent a questionnaire to twenty-five agencies in Iowa that assist victims to determine the prevalence of deaf individuals seeking treatment and issues related to being a deaf victim.

12:40 p.m. • Melinda Stump

History (M.A.)

National Geographic and the Image of the "Other" in Progressive Era America; 1888 - 1920

- Dr. Brian Roberts

With its launch in 1888, National Geographic Magazine can be seen as the perfect model for Progressive Era thought. In this presentation, which will categorize my preliminary research, I will use solely the articles of National Geographic to complicate the varied historiography of the Progressive Era.

• **1:00 – 1:20 p.m.** • **BREAK** •

1:20 p.m. • Leigh Ann Thul

School Psychology (Ed.S.)

What is the Role of a School Psychologist in Implementing Response to Intervention at a System Level?

- Dr. Nicole Skaar

As part of a literature review focusing on systems level change in schools as well as school wide reform programs like Response to Intervention (RtI), this presentation will discuss why the skills school psychologists possess that make them good candidates for roles in systems level change.

1:40 p.m. • Goerkem Yesilnur

Communication Studies (M.A.)

Joan Shafer

Communication Studies (M.A.)

The Perception of Public Relations in Academia Among Communication Scholars

- Dr. April Chatham-Carpenter

This study examines the perception of public relations in academia among communication scholars. Historically speaking, public relations has been known to have a controversial past that has lent itself to negative stereotypes and perceptions. Public relations is a subfield of communication with its own research and theory base. As a discipline that is still maturing, there has yet to be a study examining the perceptions of public relations in an academic environment.

2:00 p.m. • Debra Young

English (M.A.)

Examining Gender and Ethnicity Through the Language of Julia Alvarez

- Dr. James O'Loughlin

This study uses feminist, multicultural and social semiotic theory to explore the use of language and its power to define self and experience for multicultural women through Julia Alvarez's novels, *How the García Girls Lost Their Accents* and *In the Time of the Butterflies*.

Poster Presentations

Research

Brooke Ammerman

Clinical Psychology (M.A.)

Perceived Social Support in Individuals Who Engage in Non-Suicidal Self-Injury

- Dr. Seth Brown

Previous research examining perceived social support in individuals who engage in non-suicidal self-injury has varied; specifically there have been mixed findings on the level of parental and friend support. The current study found those who engage in non-suicidal self-injury perceive less parental support but not friend support.

Brice Beck

School Psychology (Ed.S.)

The Influence of Mechanism and Organicism on Text Comprehension

- Dr. Benjamin Forsyth

The intent of this research is to investigate how preference for two worldviews, called mechanism and organicism, differentially affect patterns of recall via a selective recall paradigm.

Kong Chen

Leisure, Youth & Human Services (Ed.D.)

Benefits of Participation of the Arctic Winter Games

- Dr. Sam Lankford

This presentation summarizes the fourth initial examination of the personal, social and community benefits of participation of the Arctic Winter Games (AWG). The results are very encouraging and give a strong rationale for the continued development, advancement, and support for the AWG.

Puyong Choi

Leisure, Youth & Human Services (Ed.D.)

Destination Attractiveness of the Silos and Smokestacks National Heritage Area (SSNHA)

- Dr. Sam Lankford

This research identifies the characteristics of destination attractiveness and measures the relative importance of each attribute that represents the overall destination attractiveness in the Silos and Smokestacks National Heritage Area in Iowa. This is the first study regarding destination attractiveness of 37 counties and 107 destinations in this area.

Abigail Harris

Social Psychology (M.A.)

Do Cheaters Cheat Up or Down: Perceptions of Cuckolds and Homewreckers

- Dr. Helen C. Harton

This study investigated perceptions of the “other person” and “cuckolds” in romantic infidelity, which has been largely overlooked in previous research.

The “other person” was judged more negatively than the “cuckold,” regardless of gender. Participant’s demographic information showed no consistent pattern of perception of infidelity.

Ashley Helle

Clinical Psychology (M.A.)

Psychopathy, Victim-Type, and Treatment Variables among Civilly Committed Sexual Offenders

- Dr. John E. Williams

The current study examined psychopathy, offender type (based on victim age and relationship), and treatment progression in a sample of civilly committed sexual offenders. Little variation or elevation was indicated on psychopathy scales and there were no mean differences between offender type on the global psychopathy scale.

Ashley Helle

Clinical Psychology (M.A.)

Cassie Nieman

Clinical Psychology (M.A.)

Mike Whitson

Individualized Study Psychology (M.A.)

MMPI-2-RF Measures of Psychopathic Deviance: Correlates of the MMPI-2-RF and the PPI-R in Samples of College Students and Civilly Committed Sexual Offenders

- Dr. John E. Williams

The current study examined correlates of the personality measure, MMPI-2-RF and a measure of psychopathy, the PPI-R. Data from two samples (college students and civilly committed sexual offenders) were compared. A greater number of correlations between the MMPI-2-RF and PPI-R were present for college students.

Ross Jacobucci

Clinical Psychology (M.A.)

Convergent Validity of Two Short Form Measures of the Five Factor Model.

- Dr. John E. Williams

Participants completed two measures of personality, the IPIP-NEO and NEO-FFI, to examine convergent validity. Correlations between factors are reported as well as measures of internal consistency. The conscientiousness factor in both scales was correlated with scores of self-control and grit.

Wayva Lyons

Social Psychology (M.A.)

Testosterone, Intercultural Communication Apprehension, and Prestige

- Dr. Cathy DeSoto

Levels of testosterone and intercultural communication apprehension were measured in undergraduates. Testosterone relates to social status seeking, possibly through strategies of dominance and/or prestige. Gender differences have been found in intercultural communication apprehension and in prejudicial attitudes. I hypothesize persons with higher testosterone levels will report higher intercultural communication apprehension.

Cassie Nieman

Clinical Psychology (M.A.)

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

- Dr. M. Kimberly MacLin

Sexual offenders often engage in self-defeating behaviors that affect their treatment progress. To determine self-defeating behavior, archival records were collected and analyzed from 74 civilly committed sexual offenders.

Questionnaires were administered to gather more information on these behaviors as well as to measure social support and motivation to change.

Cassie Nieman

Clinical Psychology (M.A.)

Ashley Helle

Clinical Psychology (M.A.)

Psychopathy and Social Support in Civilly Committed Sexual Offenders

- Dr. M. Kimberly MacLin

Psychopathy has been studied in sex offenders; however, little data exist on whether social support is related to psychopathic sexual offenders' treatment progress. Psychopathy was measured using the Psychopathy Personality Inventory-Revised (Lilienfeld and Windows, 2005) and was administered to 74 civilly committed sexual offenders. Results suggest psychopathy is associated with perceived social support.

Zachary Paige

Individualized Study Psychology (M.A.)

Meaning in Life and Tolerance for Uncertainty

- Dr. Helen C. Harton

This study examined the relationship between the cognitive need for closure, time perspectives, meaning in life judgments, and depression. Rather than invariably leading towards depressive symptomology, 'search for meaning' scores lead to the development of time-perspectives that are themselves moderated by the need for closure.

Jon Pedersen

Social Psychology (M.A.)

Psi Ability and Belief: A Replication of Bem (2011)

- Dr. Helen C. Harton

Participants viewed a string of words, subsequently recalled as many as possible, and finally, studied half of the words at random. The difference between the recall of studied vs. non-studied words was approaching significance, suggesting studying after a memory task may enhance recall. Implications and limitations will be discussed.

Jarrett Pfrimmer

Biology (M.S.)

Bird Use of Heterogeneous Prairie Biomass Production Plots

- Dr. Mark Myers

My research investigates grassland bird abundance, species richness, nest density, and nest success in four treatments of native prairie vegetation cultivated for biomass production. Results suggest that biofuel feedstocks consisting of diverse native prairie vegetation could positively impact the maintenance of bird populations in agricultural landscapes.

Meghan Reynolds

Science Education (M.A.)

Determining Impurities in the Growth of Intercalated Dichalcogenides

- Dr. Timothy Kidd

This project studies transition metal dichalcogenide compounds that are of interest for lubrication applications. Impurities added to these compounds can impact the lubrication properties, in ways both beneficial and detrimental. We are now looking into novel impurity nanostructures which could prove superior to the intended compounds in reducing friction.

Sara Richardson

Social Psychology (M.A.)

I am Rubber and You are Glue: Sensitivity to Criticism and Smoking Behavior

- Dr. Helen C. Harton

Are smokers less sensitive to criticism than people who don't smoke? This study examined the relationship between personality traits, perceived stigma against the self (for self-identified smokers), perceived stigma against smokers by others (for self-identified non-smokers) and sensitivity to criticism.

Jennifer Shepeck

Environmental Science (M.S.)

The Significance of Developing Low Cost Rating Curves in Eastern Iowa for Assessing Nitrate Contributions to the Cedar River.

- Dr. Mohammad Iqbal

This study developed rating curves for Dry Run Creek and examines nitrogen amounts being contributed to the Cedar River. Eastern Iowa contributes a significant percentage of the nitrogen being supplied to the Gulf of Mexico causing hypoxia.

Jason Surratt

Sociology (M.A.)

Women's Status and Fertility Rates: Results from National Level Data

- Dr. Xavier Escandell

This project empirically analyzed the relationship between four measures of women's status and fertility rates: women's health status; women's occupational status; women's educational status; and women's political status. Data were retrieved from the 2010 Human Development Report's statistical annex and analyzed using multiple regressions.

Sushil Tuladhar

Environmental Science (M.S.)

Understanding the Critical Role of a Wetland in Maintaining the Ecosystem

- Dr. Mohammad Z. Iqbal

The research was conducted to assess the life of the Beaver Valley Wetland, situated north of Cedar Falls, IA. This was done by monitoring some of the water quality parameters from different points of the wetland. The sub-surface flow study helped to explain how actively it flows toward the wetland.

Project

Darrina Bledsoe

Clinical Psychology (M.A.)

Romantic Relationships: Geographically Close Relationships Versus Long-Distance Relationships

- Dr. Helen C. Harton

This study compared two relationship measures' abilities to predict commitment among couples in long-distance relationships (LDR) vs. geographically close relationships (GCR). A regression analysis showed that satisfaction and investments predicted commitment for both relationships, but negative affectivity only predicted commitment in GCRs.

Benjamin Bonar

Ecosystem Management (P.S.M.)

Hickory Hills Park Management Plan

- Dr. Laura L. Jackson

This presentation showcases an ecosystem based management plan developed for Hickory Hills Park in Tama County Iowa. The plan provides a long-term vision for the conservation and sustainable use of the park's natural resources for the Black Hawk County Conservation Board.

Amy M. Buckendahl

Ecosystem Management (P.S.M.)

Michelle Sabatini

Ecosystem Management (P.S.M.)

Stormwater Management for MS4 Polluting Entities

- Dr. Mark Myers

- Dr. Laura L. Jackson

The UNI Stormwater Project is a partnership between UNI's Facilities and Planning and Biology's PSM in Ecosystem Management. The project develops practices that reduce the amount of impervious surface on campus that contributes to high runoff volume and construction of biofiltration units that treat runoff before it enters the watershed.

Creative Performances

6:30 p.m. • Nick Chizek

Spanish (M.M.)

Literature is Queer Stuff

- Dr. Ivonne Cuadra

My investigation of Virgilio Piñera's works reveals how the social phobia of homosexuality metaphors for a necessity of self-definition during a period of repression and discrimination.

6:45 p.m. • Xingzimin Pan

Composition (M.M.)

Music for Guitar by Xingzimin Pan

Performed by Sean Veeder

- Dr. Alan Schmitz

This work is written for guitar solo. The composer has used a twelve-tone compositional approach, and employs abstract, measureless, quiet, and dispassionate characteristics.

7:00 p.m. • Todd Dralle

English (M.A.)

Grow Up by Todd Dralle

- Dr. Grant Tracey

This story, entitled "Grow Up," describes a night in the life of a third shift warehouse worker from a first person point of view. The story explores themes of morality, drug use, and what it means to be the working poor.

7:15 p.m. • Holly Botzum

Performance: Tuba (M.M.)

Ohioa: The Integration of Electronic Techniques in Tuba Performance

- Dr. Jeff Funderburk

Ohioa is an original composition for tuba with electronic accompaniment.

The accompaniment was created through the manipulation of recorded works, sounds, and spoken dialogue that have had a significant impact on me throughout my studies at UNI. The solo tuba line consists of permutations and live manipulation of these selections.

7:30 p.m. • Oxana Khramova

Performance: Piano (M.M.)

The Nightmare Fantasy Rag by W. Albright

- Dr. Dmitri Vorobiev

Ragtime (flourishing from 1896-1918) is not a regular piece in a classical piano recital. It's entertaining and heavily syncopated nature penetrates the entire musical texture. W. Albright's *The Night Fantasy Rag* exceeds the formal and contextual frames of the 'classical' ragtime, thus placing it into the standard piano repertoire.

7:40 p.m. • Intermission

8:05 p.m. • Kaethe Henning Performance: Voice (M.M.)

*“Sing Seele, Gott zum Preise” (HWV 206) from Georg Friederich Händel’s
Neun Deutsche Arien*

- Dr. Jean McDonald and Dr. Corey Barrett

Ensemble Members: Dr. Corey Barrett, piano, and Andrey Lopatin, violin

The program features Händel’s Baroque aria, “Sing Seele, Gott zum Preise”

from Neun Deutsche Arien. In this aria, the narrator employs pastoral imagery and implores his soul to praise God for the wonder with which He has adorned the natural world.

8:20 p.m. • Jason Bradford English: Creative Writing (M.A.)

The Inhabitants: A Poetry Reading by Jason Bradford

- Dr. Jeremy D. Schraffenberger

These poems explore ideas of habitation, animality, humanity, community, and the inevitable disconnection experienced by the lack of communication between the interior and exterior.

8:35 p.m. • Luis Rey Avila Jazz Pedagogy (M.M.)

Guanaco by Luis Rey Avila

- Dr. Chris Mertz

Ensemble Members: Luis Rey Avila: Tenor Saxophone; Blake Burns:

Trombone; Eric Moellers: Alto Saxophone; Andrew Clair: Piano;

Sean Veeder: Guitar; Nathaniel Hawkins: Congas; Michael Kelly: Bass;

Casey Palbicki: Drum Set

Guanaco is an original piece that I composed around 2004. The arrangement was conceptualized in the jazz arranging class with the guidance of Professor Chris Mertz. The instrumentation includes three horns consisting of an alto saxophone, tenor saxophone, trombone, piano, bass, guitar, drum set, and congas.

Acknowledgements

Event Organizers

Susie Schwieger, Director Graduate Student Life

Leigh Ann Thul, Graduate Assistant

Brittany Funke, Graduate Assistant

Meghan White, 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

Mary Ann Hesse, Secretary IV

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

Bart Schmitz, Event Coordinator, Maucker Union

2011 Award Recipients

Creative Performances

- Original Work

1st Place • **Sara Leavens**

English Literature, Creative Writing (M.A.)

Advisor: Dr. Jeremy D. Schraffenberger

"A Fresh Slice"

2nd Place (tie) • **Marcos Grano de Oro**

Performance: Piano (M.M.)

Advisor: Dr. Sean D. Botkin

Missing the Ocean and The Dance of the Tropical Palm Trees

2nd Place (tie) • **Martin McGoey**

Creative Writing (M.A.)

Advisor: Dr. Jeremy D. Schraffenberger

Meditations on the Big Fork River

- Performance

1st Place • **Natalia Tokar**

Performance: Piano (M.M.)

Advisor: Dr. Sean D. Botkin

Chaconne for piano solo by S. Gubaidulina

2nd Place • **Cassandra Naakktgeboren**

Performance: Voice (M.M.)

Advisor: Dr. Korey J. Barrett

*"Glitter and be Gay" monologue and aria from Bernstein's
Candide*

Poster Presentations

-Project and Literature Review

1st Place • **Pieter Ver Steeg and Adam Rodenberg**

Ecosystem Management (P.S.M.)

Advisor: Dr. Laura L. Jackson

Cedar Valley Nature Trail Management Plan

2011 Award Recipients (continued)

Poster Presentations (cont.)

- Research

1st Place • Indrani Thiruselvam

Clinical Psychology (M.A.)

Advisor: Dr. John E. Williams

Sensation-seeking, Impulsivity, the Big Five Factors of Personality, and Risk Taking Behaviors

2nd Place • Molly Schlumbohm

Environmental Science (M.S.)

Advisor: Dr. Daryl D. Smith

The Effect of Tallgrass Prairie Species Composition on Above Ground Biomass Production

Oral Presentations

- Elm Room

1st Place • Bin Ruan

Leisure, Youth, and Human Services (Ed.D.)

Advisor: Dr. Christopher R. Edginton

Leisure Programming and the One-Child Policy in China

- Oak Room

1st Place • Ulan Dakeev

Industrial Management (M.S.)

Advisor: Dr. Recayi (Reg) Pecen

Management of Wind Energy with the Attachment of Wind Tunnel

- State College Room

1st Place • Kevin Howard

Criminology (M.A.)

Advisor: Dr. Ronald (Joe) Gorton

Advanced Information Processing Technologies and Police Discretion

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<http://www.grad.uni.edu/graduate-student-symposium>