# 4th Annual Student Research and Creative Activity Fair

**February 10, 2012**

## Awardees

### Undergraduate Oral Presentations/Performances

**Best**

Natalie McClellan  
Cultural Adaptation through Foodways: South Sudanese in the Omaha Area  
Major: Sociology-Unclassified  
Faculty advisor: Timi Barone

**Runner-up**

Matthew Christenson  
Nebraskan's farmland amphibian springs from river bank to GenBank  
Major: Biotechnology  
Faculty advisor: Paul Davis  
Co-Author(s): Paul H. Davis, Alan S. Kolok, Andrew J. Trease, Steven V. Ready, and Lindsey Knight

**Runner-up**

Benjamin Knutson  
Relation of Shape Equations (ROSE) Analysis  
Major: Physics  
Faculty advisor: Renat Sabirianov

### Undergraduate Posters/Exhibits

**Best**

Jay Newstrom  
Improving the Accuracy of Measuring Microscopic Organisms Using Information Technology  
Major: Innovatn&Entrepreneurship  
Faculty advisor: Ann Fruhling  
Co-Author(s): Greg Hoff and Ann Fruhling

**Best**

Christopher Sautter  
Fracture Orientation Analysis: The Central US  
Major: Geology  
Faculty advisor: Harmon Maher

**Runner-up**

Joseph Boro  
Mineralogical Analysis of pottery shards from the Tall al-Umayri Region, Jordan  
Major: Geology  
Faculty advisor: Robert Shuster

**Runner-up**

Danielle Suponchick  
The Effects of Treadmill and Overground Running on Attentional Focus and Performance  
Major: Physical Ed-Exercise Science  
Faculty advisor: John Noble
## GRADUATE ORAL PRESENTATIONS/PERFORMANCES

### Best

**KATHRYN DEMPSEY**
Discovering Mechanisms of Aging and Disease using Heterogeneous Integrated Network Models  
Major: Bioinformatics  
Faculty advisor: Hesham Ali  
Co-Author(s): Hesham Ali

### Runner-up

**DANIEL HARRIS**
The Relationship between Emotional Intelligence and Malevolent Creativity in Response to Different Tasks  
Major: Industrial-Organizational Psyc  
Faculty advisor: Roni Reiter-Palmon  
Co-Author(s): Roni Reiter-Palmon

**ALICIA PHILLIPS BUTTNER**
The effect of stress on social cognitive performance in shelter dogs  
Major: Psych-Unclassified  
Faculty advisor: Rosemary Strasser  
Co-Author(s): Rosemary Strasser

## GRADUATE POSTERS/EXHIBITS

### Best

**SCOTT WISSING**
Association of staff behaviors and afterschool program features to physical activity: Findings from Movin’ Afterschool  
Major: Hlth Phys Ed & Rec-Unclassified  
Faculty advisor: Jennifer Huberty

### Runner-up

**SAMANTHA BAYER**
The Impact of Reading Interventions with Sudanese Children  
Major: School Psychology-Unclassified  
Faculty advisor: Lisa Kelly-Vance  
Co-Author(s): Madeleine Moody and Kristin Moody

**SAMUEL WILKINS**
The Relationship Between Sport Specialization in Baseball and Glenohumeral Internal and External Rotation Range of Motion and Functional Movement Screen Scores  
Major: Physical Ed-Exercise Science  
Faculty advisor: Melanie McGrath  
Co-Author(s): Melanie McGrath, Kris Berg, Jeffrey French, and Kody Moffatt