AWARDEES

Centennial Celebration of
Student Research and Creative Activity
University of Nebraska at Omaha
Omaha, Nebraska

Awards are listed in ranked order (1st, 2nd, 3rd)

UNDERGRADUATE POSTER PRESENTATIONS

Katherine Lawry, Biology
“Fishes of the Lower Elkhorn River”
Advisor: Richard Stasiak

John Tran and Sean Bergstedt, Architectural Engineering
“The Undergraduate Seismic Design Competition”
Advisor: Terri Norton

Sydney Brommer, Biology
“Analysis of Expressed Sequence Tags from Parasitic (Cuscuta Pentagone) and Non-Parasitic (Ipomoea Hederacea) Convolvulaceae”
Advisor: Mark A. Schoenbeck

GRADUATE POSTER PRESENTATIONS

Ramez Mina, Computer Science
“On Evaluating the Performance of Compression Based Techniques for Sequence Comparison”
Advisors: Hesham Ali, Dhundy Bastola

Sara Myers and Panagiotis Koutakis, Exercise Science
“Induced Lower Extremity Vascular Occlusion Affects Gait Variability”
Advisor: Nick Stergiou

Anastasia Kyvelidou, Medical Sciences interdepartmental area in Pediatrics
“Reliability of COP Measurements During Sitting in Developmentally Delayed Infants”
Advisor: Nick Stergiou

UNDERGRADUATE ORAL PRESENTATIONS

Alex Hostetter, Physics/Math
“Surface Induced Magnetization Switching in Nanoparticles”
Advisor: Renat Sabiñanov

Sarah Vollmer, English
“Keeping the Bromance Alive: The Use of Self-Repair in Male Conversation”
Advisor: Frank Bramlett

GRADUATE ORAL PRESENTATIONS

Kaeli Samson, Psychobiology
“Studying Developmental Plasticity in Rats: The Effects of Orally Administered Capsaicin on Taste Buds”
Advisor: Suzanne Sollars
**Ke Cheng**, Information Technology
“Flocking-based distributed Terrain Coverage with Dynamically-formed Teams of Mobile Mini-Robots”
Advisor: Raj Dasgupta

**John Buckley, Rick Manthey, Mike Lewis, Kyle Kovar, and Anand Kumar**, Business Administration
“Restructuring of the Power Industry in South Africa”
Advisor: Phani Tej Adidam

**HONORABLE MENTION**
**Tasha Jarrett**, Organizational Psychology
“Organizational Retaliatory Behavior as a Function of Work-life Programs and Emotion Regulation Ability”
Advisor: Lisa Scherer

**Dimitrios Katsavelis**, Medical Sciences interdepartmental area in Surgery
“Nano Legends: An Interactive Virtual Reality Game Induces High Level of Physical Activity”
Advisor: Nick Stergiou

**Dae-Young Kim**, Criminology and Criminal Justice
“Risk Assessment and Classification of Day Reporting Center Clients”
Advisor: Robbin Ogle

**PERFORMANCE ORAL PRESENTATIONS**
**Timothy Vallier**, Music Composition (graduate)
“Two Stylized Dances for Saxophone Quartet and Percussion”
Advisor: Roger Foltz

**Sara Schuhardt**, Music Performance (graduate)
“The Influence of Popular Music on 21st Century Flute Repertoire”
Advisor: Christine Beard

**HONORS PRESENTATIONS**
**Mallory A. Martineau**, Psychology
“The Effects of In Ovo Hormone Levels on Adult Behaviors and Their Subsequent Effect on Future Generations of the Zebra Finch”
Advisor: Rosemary Strasser

**Erica K. Anderson**, Environmental Studies
“Endocrine Disrupting Compounds and the Elkhorn River: Developing the Western Mosquito fish (Gambusia affinis) as a Bioindicator for the Androgenic Pollutants”
Advisor: Alan S. Kolok

**Tyler A. Pietz**, Psychology
“Anxiety and Depression in Diabetic and Non-Diabetic Native Americans”
Advisor: Jessilene Anderson