Arts & Sciences Oral Presentation Winners

Oral Presentations Social Sciences

1st Place
Jason Lewis, Political Science
Faculty Mentor: Daniel Levine, Political Science
Negative Externalities and Land Market Operations in Mandate Palestine

2nd Place
Grace Hoover, Chemical and Biological Engineering
Faculty Mentor: Marisa Giggie, Community Health Sciences
Psychiatric Co-morbidity in Collegiate Recovery Communities

3rd Place
Trevor Chidester, Anthropology
Faculty Mentor: Keith Jacobi, Anthropology
Denisovans: From a Pinky to a People

International Focus Winner
Jason Lewis, Political Science
Faculty Mentor: Daniel Levine, Political Science
Negative Externalities and Land Market Operations in Mandate Palestine

Oral Presentations Fine Arts & Humanities

1st Place
Dave Nearing, History
Faculty Mentor: John Beeler, History
Remarks on the Arctic Whale-Fishery, 1611-1783 With an Econometric Productivity Analysis of British Arctic Whaling Ports 1770-1775

2nd Place
Charlotte Olson, Theatre and Dance
Faculty Mentor: Sarah Barry, Theatre and Dance
Frederick Ashton

3rd Place
Eric Nubbe, Art and Art History
Faculty Mentor: Craig Wedderspoon, Art and Art History
Nucor Children’s Charity Classic Auction
4th Place
Jonathan Ramos, Music
Faculty Mentor: Andrea Cevasco, Music
*A Cross-Analysis of Asian and Latino Family Systems in America*

**International Focus Winner**
Leighton Carlock, Religious Studies
Faculty Mentor: Steven Ramey, Religious Studies
*Myth as Illusion*

*Oral Presentations Science and Mathematics*

1st Place
Braxton Greer, Biological Sciences
Faculty Mentor: Stevan Marcus, Biological Sciences
*Endocytosis During the Cellular Response to Avicin*

2nd Place
Megan Johnston, Chemistry
Faculty Mentor: Kevin Shaughnessy, Chemistry
*Palladium-Catalyzed Direct Intramolecular Arylations Using Water-Soluble Phosphine Ligand*

3rd Place
Grant Fairchild, Biological Sciences
Faculty Mentor: Kimberlee Caldwell, Biological Sciences
*Use of microRNAs to identify novel neurodegenerative genes in C. elegans*

4th Place
Shuwen Yue, Chemical and Biological Engineering
Faculty Mentor: David Dixon, Chemistry
*Computational Studies of the Conversion of Biomass to Biofuels*

**Honorable Mentions**

Matthew Larkin, Biological Sciences Faculty
Mentor: Stephen Secor, Biological Sciences
*The metabolic determinant underlying the rate of energy use during prolonged fasting for the diamondback water snake, Nerodia rhombifer.*

Travis Atchley, Chemistry
Faculty Mentor: Silas Blackstock, Chemistry
*Donor-Acceptor Cocrystallization for Molecular Assembly*
Arts & Sciences Poster Presentation Winners

Poster Presentation Social Sciences

1st Place
Meghan Stallworth, Psychology
Faculty Mentor: Joan Barth, Institute for Social Science Research
Classmates, Sisters and Friends: The Effects of Micro Social Systems on Women’s Future Life Goals

2nd Place
Katherine Love, Psychology
Faculty Mentor: Jeffrey Parker, Psychology
The Role of Body Image in Early Adolescents' Vulnerability to Friendship Jealousy and Aggression

3rd Place
Elizabeth Bistrong, Psychology
Faculty Mentor: John Lochman, Psychology
Effects of the April 27, 2011 Tornado on Parental Functioning

4th Place
Bethany Herndon, Criminal Justice
Jason Atchison, Criminal Justice
Faculty Mentor: Mark Lanier, Criminal Justice
The Effects of Prejudice on the Legal System and Conviction Decisions

International Focus Winner
Momoko Suma, Criminal Justice
Faculty Mentor: Ariane Prohaska, Criminal Justice
The comparison of the homelessness in Japan and the United States

Poster Presentations Fine Arts & Humanities

1st Place
Edward Woodall, History
Faculty Mentor: Josh Rothman, History
Research Possibilities of a Runaway Slave Ad Database

2nd Place
Savannah Feezor, Music
Faculty Mentor: Andrea Cevasco, Music
The Effects of Music and Multimodal Stimulation on Positive and Negative Behavioral Responses of Premature Infants

3rd Place
Karrie Elpers, Psychology
Faculty Mentor: Ansley Gilpin, Psychology
Undergraduates’ High in Religiosity Have Increased Fantastical Beliefs

4th Place
Christina Irion, Telecommunications and Film
Sarah Catherine Perry, Human Nutrition and Hospitality Management
Kiley Pfeifer, Culverhouse School of Accountancy
Kaley Hogan, Capstone College of Nursing
Faculty Mentor: Jessica Hollander, English
Dewey Dell - An Analysis

Poster Presentation Sciences and Mathematics

1st Place
Morgan Whitaker, Chemistry
Faculty Mentor: David Nikles, Chemistry
Polymer Coated Magnetic Nanoparticles: Formation and Usage for Cancer Therapy

2nd Place
Hunter Dean, Biological Sciences
Faculty Mentor: Janis O'Donnell, Biological Sciences
The Effects of Positively Charged Nanoparticles on Survival and Fertility in Drosophila melanogaster

3rd Place
Sarah McFann, Chemical and Biological Engineering
Faculty Mentor: Anthony Arduengo, Chemistry
Characterization of Picolinium Quinodimethane under Electro-Optic Device Conditions

4th Place
Meagan Reif, Biological Sciences
Carrie Fisher, Biological Sciences
Faculty Mentor: Stephen Secor, Biological Sciences
Testing the adaptive correlation between feeding habits and digestive physiology for snakes

International Focus Winner
Robert Ward, Biological Sciences
Faculty Mentor: Juan Lopez-Bautista, Biological Sciences
A Molecular Investigation of Distromatic Ulva (Ulvophyceae, Chlorophyta) from Central Chile

Honorable Mentions

Jonathan Belanich, Biological Sciences
Faculty Mentor: Stephen Secor, Biological Sciences
Tarantulas vs. Scorpions: Digestive energetics and efficiencies of drinking versus eating

Ashley Alexander, Biological Sciences
Faculty Mentor: Stephen Secor, Biological Sciences
Testing the Cooking Hypothesis in Human Evolution

Caitlin Marsh, Biological Sciences
Faculty Mentor: Julie Olson, Biological Sciences
Diversity of Biosynthetic Genes Associated with Symbiotic Bacterial Communities

Danny Laderberg, Biological Sciences
Faculty Mentor: Stephen Secor, Biological Sciences
Carbohydrate breakdown and the regulation of blood glucose for the diamondback water snake

Amanda Volk, Chemical and Biological Engineering
Faculty Mentor: David Nickles, Chemistry
Multifunctional Gold Nanoparticles

Christine Talley, Human Nutrition and Hospitality Management
Faculty Mentor: Laura Reed, Biological Sciences
Genotype-by-diet interaction effect on blood sugar in Drosophila