Research Day Schedule
April 17, 2009

Oral/Performance Presentations

Note: All oral presentations will take place in B&E 140. The musical performance at 4 pm will take place in Etherredge 125.

1 pm: Christina Berkshire
Presentation Title: Is Poetry Lost in Translation?
Faculty Mentor: Dr. Eric Carlson

1:15 pm: William Baldwin
Presentation Title: YOU: The Best Protection Against Drinking & Driving
Faculty Mentor: Dr. William Harpine

1:30 pm: Brice Griffin
Presentation Title: Trapped Citizens: A History of the Japanese Internment Camps
Faculty Mentor: Dr. Maggi Morehouse

1:45 pm: Abe Kalsbeek
Presentation Title: A Cycle of Poems: Loss of Innocence
Faculty Mentor: Dr. Andrew Geyer

2 pm: Joey Bramlett
Presentation Title: The Wilkes Fund Controversy
Faculty Mentor: Alexia Helsley

2:15 pm: Behzad Torkian
Presentation Title: Enumeration of a Class of Partial Transformation
Faculty Mentor: Dr. Zhenheng Li

2:30 pm: David W. Mitchell
Presentation Title: Friendships Established Through Computer Generated Communications (Massively – Multiplayer Online Role Playing Games – MMORPGs)
Faculty Mentor: Teresa Humphrey

2:45 pm: Horacotrel J. Brooks
Presentation Title: The Struggles of Life
Faculty Mentor: Dr. Andrew Geyer

3 pm: Bonnie Davis
Presentation Title: A Progression of Female Emotions
Faculty Mentor: Dr. Andrew Geyer
3:15 pm: **Amanda Robinson**  
Presentation Title: Identification and Characterization of Olfactory Receptor Genes In Four Species of South Carolina Snake  
Faculty Mentor: Dr. Michele Vieyra

3:30 pm: **Lauren Stephens**  
Presentation Title: Homeschooling vs. Public Schooling: The Right Choice for Adolescents  
Faculty Mentor: Deborah McMurtrie

3:45 pm: **Dana Hailat**  
Presentation Title: Biophysical Analysis of the Opportunistic Pathogen LS2  
Faculty Mentor: Dr. Jim Yates

4 pm: **Patrick Hall Jr.**  
Performance Title: Two Original Compositions for Piano  
Faculty Mentor: Richard Maltz  
*Etherredge 125*

**Poster Presentations**

**B&E Gym, 1 to 4:30 pm**

**Emily Fields and Kristen Stewart**  
Title: Effect of meal location on energy, macronutrient, and micronutrient intake.  
Faculty Mentors: Drs. Brian Parr, Michelle Vieyra and Chris DeWitt

**Pierce Bruner**  
Title: Effect of simulated resistance training on muscular strength  
Faculty Mentor: Dr. Brian Parr

**Ashleigh Brown, Chris Bruner, and Rebecca Drinkwater**  
Title: Factors affecting rating of perceived exertion during submaximal exercise  
Faculty Mentor: Dr. Brian Parr

**Megan Cooper**  
Title: Cloning of anti-HIV-1 vif hammerhead ribozymes into a retroviral vector  
Faculty Mentor: Dr. Bill Jackson

**Ashley Schulz**  
Title: Astrophotography at USCA  
Faculty Mentor: Dr. Stelios Kaprinidis

**Timothy Williamson**  
Title: Some Technical Aspects in Computer Games  
Faculty Mentor: Dr. Rao Li
Hope Goodwin  
Title: Predicting Dual Tasking: Exploring the Relative Contributions of Personality, Attention, and Exercise  
Faculty Mentor: Dr. Dawn Morales

Andrea Carnley and Edwin Keeler  
Title: Effect of ambient temperature on heart rate and blood pressure  
Faculty Mentor: Dr. Chris DeWitt

Ryan Bannon and Shannon Miller  
Title: Nutritional analysis of fast food meals: Effect of price and perception of health value  
Faculty Mentor: Dr. Brian Parr

Aaron Doctor  
Title: Estimation of expenditure during a 16 hour dance marathon  
Faculty Mentor: Dr. Brian Parr

Tiffany Brown, Stephen Kyzer, and Jordan Mullner  
Title: Effect of music on maximal oxygen uptake and running performance  
Faculty Mentor: Patrick Gelinas

Lisa James and Courtney Rabun  
Title: Synthesizing Kainic Acid Using ENE Reaction  
Faculty Mentor: Dr. Nandeo Choony

Krista Lange  
Title: Reinstatement to a Compound CS with a Single Stimulus  
Faculty Mentor: Dr. Ed Callen

Catherine Freiler  
Title: Phylogenetic Analysis of Olfactory Receptor Genes in Four Species of South Carolina Snake  
Faculty Mentor: Dr. Michele Vieyr

Lindsey Padgett  
Title: Cloning and initial testing of a retroviral vector expressing an anti HIV-1 hammerhead ribozyme  
Faculty Mentor: Dr. Bill Jackson

Audrey Hendley  
Title: Anti-HIV-1 vif activity by a hammerhead ribozyme expressed from a retroviral vector  
Faculty Mentor: Dr. Bill Jackson

Angela Arthur  
Title: Use of LTR promotion of Bax to Induce Apoptosis  
Faculty Mentor: Dr. Bill Jackson

Brent Peters  
Title: Fabrication and characterization of SEIRA Substrates Utilizing Electroless Deposition
Faculty Mentor: Dr. Chad Leverette

**Annie Whitley**  
Title: Characterizing Changes in the Bacterial Community in a Developing Constructed Wetland Using Lipid Biomarkers  
Faculty Mentor: Dr. Michele Harmon

**Christine Vinci (Grad Student)**  
Title: Cue Exposure and Negative Affect in College Smokers  
Faculty Mentor: Dr. Maureen Carrigan

**Christine Vinci (Grad Student)**  
Title: CS Duration in Extinction: Fear Measurement with Different Tasks  
Faculty Mentor: Dr. Ed Callen

**Shannon Wright**  
Title: Probing the Interactions of Ethyldimethylaminobenzoate and Mixed Solvent Systems Using Raman Spectroscopy  
Faculty Mentor: Dr. Monty Fetterolf

**Awards Ceremony**

Chancellor Hallman will award prizes in three categories at 4:30 pm, B&E 140

- Gold Medal Award for Best Poster ($250)
- Gold Medal Award for Best Presentation or Performance ($250)
- Silver Medal Award for Best Poster ($100)
- Silver Medal Award for Best Presentation or Performance ($100)
- Bronze Medal Award for Best Poster ($50)
- Bronze Medal Award for Best Presentation or Performance ($50)