

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 Vieyra

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)