

## Spring 2024 Awards

### Art & Art History Department

Faculty Sponsor: Carole Garmon

Student: **Winston Heron** - *Daydreams and Interconnected Stories*

### Biological Sciences Department

Faculty Sponsor: Swati Agrawal

Student: **Michael Combs** - Counteracting Antibiotic Resistance in Bacillus Bacteria with Phage Therapy

Student: **Andrew Cooper** - *Characterization of Endolysins from Bacillus thuringiensis Phages for potential Biotechnological Applications*

Faculty Sponsor: Dianne Baker

Student: **Willa Clore** - *The generational effect of temperature differences on sex differentiation in Danio rerio*

Faculty Sponsor: Theresa Grana

Student: **Alegria Bautista** - *Advances in Worm DNA Sequencing*

Faculty Sponsor: Bradley Lamphere

Student: **Edmund Shanahan** - *Amphibian Habitat Ecology*

Faculty Sponsor: Lynn Lewis

Student: **Aisling Berrios** - *Antiviral Effects of Lithium Chloride on NDV in BHK-21 Cells*

Faculty Sponsor: Ginny Morriss

Student: **Delaney Baratka** - *The Impact of pvr on Muscle Phenotypes in Drosophila Melanogaster*

Student: **Arshpreet Brar** - *The application of DNazymes on the CTG repeat expansion of Myotonic Dystrophy Type 1*

Student: **Madeline Brunt** - *Knockdown of Pvr and its Relation to DMI Muscle Wasting in Drosophila*

Student: **John Conrad Tan** - *Effect of Plasma Irisin Supplementation on DNT1 in Exercised and Non-Exercised Flies*

Student: **Ashlyn Rauch** - *Time Course for Adult Onset Myotonic Dystrophy in *Drosophila melanogaster**

Student: **Kayla Rodriguez** - *Assessing progression of muscle phenotypes in an adult-onset model of myotonic dystrophy in *Drosophila melanogaster**

Faculty Sponsor: Deborah O'Dell

Student: **Natalie Baca** - *The Role of GSK-3b in Alzheimer's Disease*

Student: **Kristy Ann Bagley and Mikyas Telahun** - *Microglial Inflammation in Alzheimers*

Student: **Hannah Stottlemyer** - *Changes of TOB in Response to Chronic Social Stress*

Faculty Sponsor: Laura Sipe

Student: **Abigail Glenn** - *Examining the therapeutic efficacy of chemotherapy in combination with methionine restriction in breast cancer cells.*

Faculty Sponsor: Parrish Waters

Student: **Hudson McNerny** - *Social isolation affects central orexin and hedonic drive in mice.*

Student: **Marina Roshdy** - *The influence of wheel running exercise on aggression and dominance in mice*

## **Chemistry & Physics Department**

Faculty Sponsor: Janet Asper

Student: **Willow Candage** - *Development of Chemistry Labs for Visually impaired students*

## **Computer Science Department**

Faculty Sponsor: Stephen Davies

Student: **Harmony Peura** - *The Interaction between Heterogeneous Voting Strategies and Dynamic Vote-seeking campaigns: An Agent-based Model*

## **Economics Department**

Faculty Sponsor: Amrita Dhar

Students: **Nickolas Remish** - *Issues in Political Economy Conference*

### **History & American Studies Department**

Faculty Sponsor: Krystyn Moon

Students: **Daniel Childers** - *Chinese Food Proliferation in the 19th century*

### **Modern Languages & Literatures Department**

Faculty Sponsor: Maria Laura Bocaz Leiva

Students: **Norah Walsh and Rebecca Cruz Briones** - *Gender Lost in Translation. Towards a New Translation of Gender in Hell Has no Limits by José Donoso*".

### **Political Science & International Affairs Department**

Faculty Sponsor: Melissa Martinez

Students: **Abigail Tank** - *Democracy and organized crime: The case of Brazil*

### **Psychological Science Department**

Faculty Sponsor: Dave Kolar

Students: **Emma Hadley, Jordan Lyons, Scott McDonald, Mitchell Freitag and Ainsley Logar** - *Purchasing Behavior: Effect of Greenwashing, Social Norms, and Public vs. Private Shopping*

Faculty Sponsor: Marcus Leppanen

Students: **Eliana Black, Ada Moses, Hannah Shipp** - Presentation at the Eastern Psychological Association Conference

Faculty Sponsor: Miriam Liss

Students: **Rob Oehler, Sarah Baliff, Skyler Revutin, Ann Camp and Cate Kelly** – Student presentations at the Eastern Psychological Assoc. Conference

Student: **Rob Oehler** - *Self-diagnosis, attachment to diagnosis, social media exposure, and clinical implications.*

Students: **24 PSYC 491-492 students** - Student Research Presentation for the Virginia Assoc. for Psychological Science

Faculty Sponsor: Erin Palmwood

Student: **Noel Shenk** - *The Impact of Experiencing Relationship Trauma on Beginning New Romantic Relationships*

Students: **Noel Shenk, Alexandra Mills, Shelby Shifflett and Ameer Abdel-Muhsin, Emily Granger** - *Conflict Avoidance Moderates the Impact of Internalizing Symptoms on Post-Breakup Distress*

Faculty Sponsor: Hilary Stebbins

Students: **Alexandra Tingen, Sofia Taylor, Dayton Keffer and Valeria Duque** - *The Role of Chronotype, Social Jet Lag, and Chronic Sleep Reduction in Academic Procrastination*

### **Theatre and Dance Department**

Faculty Sponsor: Gregg Stull

Students: **17 THEA 435 students** - *Creating Identity in the Theatrical Space*