



**Posters: Biology, English**

**3:00-4:00PM, Blackwell Ballroom**

**Poster Numbers 1-36: Biology 400 (Faculty Mentor: Dr. Amorette Barber)**

Mackenzie Tabler, "Determining treatment-related impacts of Perficitinib on Alopecia Areata"

Alexander Line, "Over-Expression of Hrip1 and Hrip2 Protein Elicitors in Transgenic *Oryza sativa* Rice to Increase Tolerance to Drought Stress and Increase Resistance to Rice Blast"

Brittney Beazley, "The Effects of Petroleum Pollution on Primate Health in the Amazon Rainforest"

Praise Nyambiya, "The association of Macrophages recruitment and Angiogenesis in the development of Pancreatic Cancer"

Micaela Wade, "The Effect of Velvet Ant Venom on the Growth of Cervical Cancer Tumors in Mice"

Ashley Cake, "Improving the safety of GPC3-targeted CAR T cells using an iCasp9 safety switch"

Kari Stokes, "The Use of CRISPR/Cas9 in Gene Therapy for Human Color Blindness"

Cody Hyle, "Genetically Engineering Microalgae for Optimal Carbon Dioxide Uptake and Sequestration"

Jeannie Davis, "An analysis of the effects of BPA on reproduction in Zebrafish"

Marley Sodikoff, "Identifying the effectiveness of Omega-3/6 fatty acids in a diet when diagnosed with ADHD"

Katlyn Myers, "Investigating expression of NKG2D ligands on tumor cells using CRISPR-Cas9"

Quin Ford, "Response of ETV6-ABL Fusion and Treatment on Survival Rates in Acute Myeloid Leukemia and Monosomy 7"

Max Flores, "Analysis of Phytoestrogen Classes and Their Effects on Metabolic Rate"

Ansel Steele, "Mechanisms of Granule Cell Recovery in the Hippocampus following Lead Exposure"

Devin Teachey, "Investigating the use of Human pluripotent stem cells in rhesus monkey neural tissue regeneration"

Shane Crean, "Using Parasites as a Potential Treatment for Multiple Sclerosis"

Harley Hodges, "Investigation into modified parabens and their effect on sulfotransferase activity"

Cullen Williams, “Germicidal Efficiency of Far-Ultraviolet C Light Controlling Multidrug-Resistant Klebsiella Pneumoniae”

Morgan E. Rollins, “Brain differentiation and nurturing characteristics as a result of hormone exposure”

Deanna Di Silvio, “The Use of Tannins in Preventing the Growth of Pseudomonas aeruginosa on Tracheostomy Tubes”

Owen Hartwig, “Gene Immunization Against Lethal Toxins in Mice”

Kaylynn Batten, “The Long-Term Effects of the SLC6A14 modifier gene on Cystic Fibrosis patients”

Judy May, “Comparing physical and demonstrated manipulatives: Identifying the best form of scientific laboratory experimentation for student's conceptual understanding”

Bijan Epps, “Fertility over 35 with IVF and PGD”

Hosam Abdelrahman, “Synthetic biodegradable polymers used as scaffold materials to regenerate cardiac muscle tissue”

Stewart Beaumont, “Biodiversity Surrounding University Campuses”

John Brumfield, “The Use of Thymosin Beta-4 as a Preventative Treatment Against Strokes”

Paula Amburgey, “Pre-Clinical Confirmation of Vaginal Cream Containing Different Essential Oils in Women with Endometriosis”

Kameron Fradette, “The effects of grain fed beef vs. grass fed beef in relation to cholesterol levels”

Naomi Williamson, “Can anti-inflammatory drugs be used to treat schizophrenia in mouse models”

Elizabeth Hayden, “What are the facts behind two Canine Influenza strains that produce such severe effects in an organism?”

Katelyn Jones, “Determining a life-long treatment to HIV by using the “Shock and Kill” method”

Ansel Steele, “Mechanisms of Granule Cell Recovery in the Hippocampus following Lead Exposure”

Michael Pagliuca, “The Effects of Dimethyl Sulfide from Plastics on Marine Life”

**Poster Numbers 37- 74: English 209 (Faculty Mentor: Dr. David Magill)**

Trent Lyles, “Addiction in An Alcoholic Case”

Matthew Oliver, “Relationships within Are These Actual Miles”

Lauren Phillips, “Impact of Societal Influences in How to Become a Writer”

Daniel Legett Daly, “Racial Divide in Love for Blood-Soaked Moon”

Amanda Topping, "Self-Perception in "A Late Encounter with the Enemy""

Victoria Cascio, "Relationship Issues in "The Storm""

Kailyn Marshall, "Fear in "That Evening Sun""

Aubrie Cundy, "Masculinity in "In a Far Country""

Kacie Reusser, "Familial Responsibility Depicted in "The Shawl""

Sara Holdsworth, "Doctoral Malpractice in The Child Screams and Looks Back at You"

Caroline Merryman, "Faith vs. Reality"

Francesca Chambers, "Complicated Situations"

Jacob Long, "The Trials of the Civil Rights Movement In "Where Is the Voice Coming From""

Chelsea Moore, "Relationship Complications In Hills Like White Elephants"

Amanda Ruffle, "Responsibility in Rip Van Winkle"

Graylin Dalton, "Family Legacy in "The Rats in the Walls""

Melinda Traylor, "Deception in "Under the Radar""

Christina Coate, "Violence in "Heat""

Micah Golemon-Mercer, "weight of responsibility"

Neil Feeney, "No more people"

Sharde Graham, "Wife traveling with her sick husband "A Journey""

Hannah Berensen, "Institutional Virtue in Sherwood Anderson's "The Strength of God""

Hannah Bozarth, "The Issue of Understanding in "Hunters in the Snow""

Devon Tinius, "Dreams vs. Reality in The Wives of the Dead"

Amelia Butterfield, "Family dynamics in "Today Will Be a Good Day""

Amber George, "The Yellow Wallpaper"

Mary Pinkard, "Animal Rights in "Mercy""

Arwyn Heppard, "Affects of Trauma in Cannibalism in the Cars"

Lauren Ashworth, "The Mid Life Crisis of Francis Weed in "The Country Husband""

Ridge Christian, "The Man Who Was Almost a Man"

Breanna Garrison, “A Look Into the Relationship Between A Father and His Son”

Suzanne M. Stetson, “Justice and supernatural elements in The Ghost in the Mill”

Miranda Carter, “Schizophrenia in The Tell-Tale Heart”

Ginny Czeizinger, “Death in ‘The Reach’”

Parker Ross, “Social and Economic Strife in Junot Diaz’s “Edison, New Jersey”

**Electronic Presentations: English 400 (Faculty Mentor: Dr. Elif Guler)**

Juwairyah Gunter, Alan Creager, Brandie Zelaya, “Climate Change as a National Security Issue”

Lindsay Hively, Abby Gargiulo, Megan Mansfield, “The Happiness Effect: Mental Health Advocates”