Fall 2019 EURECA Awards

Fain College of Fine Arts

Lauren Compean, “Using the Ancient Art of Encaustic to Illustrate Cultural Heritage” Mentor: Dr. Morgan Page

Dillard College of Business Administration


Gunn College of Health Sciences and Human Services

Rylie Simmons, “Effective methods to improve the preceptor and nursing student relationship” Mentors: Drs. Stephanie Baker and Terri Farabee

Kaelen Vazquez, “Exploration of the Nurse’s Perceptions of Inter-professional Communication in Emergency Trauma Care” Mentor: Dr. Robin Lockhart

McCoy College of Science, Mathematics, and Engineering

Abigail De Lizio, “The Effect of Serotonin and Indole on the Attachment of the Fungal Pathogen Candida albicans”. Mentor: Dr. James Masuoka

Natalie Ragland and Andrew Wolf, “Targeting Genes in Xenopus laevis (African clawed frog) using CRISPR” Mentor: Dr. Jon Scales

Prisca Mbonu, “Directed Evolution of Membrane Protein Chaperone to Ameliorate Protein Aggregation-Associated Diseases” Mentor: Dr. George Liang

Dianna Daniel, “Utilize Membrane Protein Chaperone as a Treatment to Ameliorate Tau Protein Aggregation” Mentor: Dr. George Liang

Nathaniel Shawver, “Genetic Variability caused by Environmental Conditions in Silverleaf-Nightshade” Mentor: Dr. Bill Cook

Mi’Kaila Billinger, “Exploring Potential Roles of Bacterial Endophytes in Plants During Environmental Stress” Mentor: Dr. Magaly Rincón-Zachary

Mai Trinh and Sarah Beaver, “Evaluating the Correlations of Pure-tone Hearing Test and Speech Recognition Test to Provide a Universal Measure for The Cochlear Implant Industry” Mentor: Dr. Patrick Mitchell

Phelecia Scotland and Jonathan Granger, “Salt Ion Removal from a Brine Solution” Dr. Salim Azzouz

Marcus Baptiste and Shaloy Chapman, “Darcy and Non-Darcy Flow Through Packing Particles” Mentor: Dr. Mahmoud Elsharafi

Carson Conrady and Garrett Syrus, “Robot Soccer Using Artificial Intelligence” Mentors: Dr. Yu Guo and Dr. JT Ok
Samuel Campbell Henry Steele, “Autonomous Control Systems in High Power Rocketry” Mentor Dr. Yu Guo

Tyler Cadette, “FPAA-Based Implementation of Nonlinear Oscillatory Circuits” Mentor: Dr. Yu Guo

William Loveland “Design of an Experimental Setup for PID Control Tuning” Mentor: Dr. Zeki Ilhan

Prothro-Yeager College of Humanities and Social Sciences

Nathan Endo “Black Diamonds in the Eye of Texas: Organized Labor and Management Tactics in the Newcastle Coalfield” Mentor: Dr. Leland Turner

Amy Ward, “Testing a Norms-Based and Social Hierarchal Intervention for Sexual Misconduct Attitudes” Mentor: Dr. Scott Frankowski

West College of Education

Donovon Grier, “Assessment with Technology” Mentors: Drs. Suzann Lindt and Stacia Miller

Krystan Springette, “University Students Suspected of having ADD: Examining Self-Awareness and Diagnostic Instruments” Mentor: Dr. Emily Rutherford