

FYRE Poster Session Spring 2021 **4:30 - 5:30 pm**

Poster #	Student Name	Poster Title
1	Amiya Dehadrai	The Effects of Environmental Enrichment on Brain Size of Trinidadian Guppies (<i>Poecilia reticulata</i>)
2	Joadel Genuzio	Shape Memory Polymer Project
3	Tekena Harcourt	Literature Review in OU Data Analytics Lab
4	Andrea Jones	Are There Good Viruses? The Effects of TMV Infections on Tomato Plants
5	Nick Khor	Engineering a Solution: 3D Printing, Coils, and Biot-Savart's Law
6	Courtney King	Generating Inbred Lines to Create a Genetic Map of <i>C. inopinata</i>
7	Avery Ladymon	Feasibility of Using an Optical coherence tomography system for Veress Needle guidance in Laparoscopic surgery
8	August Limvaree	Polymer Processing and Water Permeability of Polymer Composite Films
9	Shreya Lingamallu	ERP Components in Fragile X Syndrome Characterized by an Auditory Oddball Task
10	Vineet Madur	Application of Thermal Proteome Profiling to <i>E. coli</i> Lysate and T
11	Kate Maier	Internal Curing of Ultra-High-Performance Concrete Using Lightweight Aggregate
12	Jess Martin	The Emerging Impacts of Rabbit Hemorrhagic Disease Virus 2 in the western United States
13	Rohit Mital	Metabolomic Analyses of Disease State and Diet
14	Natalia Mora	Modeling Socio-Cognitive Decision Making: An Evolutionary Approach to the Deep Reinforcement Agent-Based Neural Network
15	Josiah Morgan	Maladies and Materials
16	Chloe Ngo	Venom: Painful or Painless?
17	Kaden Schaberg	Creativity, Confidence in Problem Solving, and its relation to Teaching in Calculus
18	Caitlin Nguyen	Methanotrophic Activity in Soil Samples from Norman Duck Pond
19	Nam Nguyen	Protein Expression and Purification of SirD Mutants in <i>E. coli</i>
20	Thomas Nguyen	Lottery Probability
21	Aayah Alnabhan	The Effect of Deleting Gene DVU1019 on Biofilm Formation of <i>Desulfovibrio</i> vulgaris
22	Kunal Patel	Glycated Chitosan-Functionalized Graphene Oxide Nanosystem
23	Natalie Keller	The Impact of Local Vibration on Force Production
24	Sam Roach	SARS-CoV-2 Spike Protein Mutation Prediction using Long Short-Term Memory Recurrent Neural Networks
25	Cindy Rodgers	Effects of Rain Fall on West Nile Virus in Human and Bird Populations
26	Donna Vaghefikia	Differences in Pressure Pain Sensitivity and Pain Modulatory Function Following COVID-19 Exposure
27	Jennifer Glasco	Truth in Believing: To What Degree Must Our Beliefs be Justified?

Senior Thesis Posters

28	Jacob Davis	Is the <i>Pseudomonas aeruginosa</i> ParDE1 Toxin Antitoxin System Used for Phage Defense?
29	Christian DeMaio	Developing Strategies for Efficient Production of Different Lengths of Single-Stranded DNA Substrates
30	Hailey Welch	Impacts of Angle of the Discrimination of Acute Proportional Differences and Confusion of Perception