

FYRE Poster Session Spring 2021 **3:30 - 4:30 pm**

Poster #	Student Name	Poster Title
1	Mohamed Abdelnaby	Machine Learning Algorithms in Network Intrusion Detection System (IDS)
2	Ahmed Ahmed	Stripes Noise Removal of Optical Coherence Tomography Images
3	Lexie Barthelemess	Fairness Forensics
4	Grant Benson	Recovery of Ampicillin Resistant <i>Escherichia coli</i> From the Human Gut Microbiome
5	Andrew Boris	Optimizing branched polyethylenimine derivatives as potentiators for antibiotics in resistant bacteria
6	Leah Boskovich	White-nose fungus in hibernating bat species of Oklahoma has remained stable but with no evidence of White-nose syndrome.
7	Matthew Carroll	SARS-CoV-2 Spike Protein Mutation Prediction using Long Short-Term Memory Recurrent Neural Networks
8	Morgan Chen	Publications in Rural Special Education Quarterly
9	Winni Chen	Sense Base Laboratory
10	Rylee Cleveland	A Psychological Analysis of the Contributing Factors Associated with HPV Test Hesitancy in Young Women
11	Bella Cruz (Isabella)	Laser Immunotherapy: The Road to a Cure
12	Holly culver	Parental responses to stuttering: Are they influenced by their child's temperament and stuttering severity?
13	Jaci Currie	Does Maternity and Egg Sac Order Affect Lifespan of <i>Latrodectus</i> ?
14	Katherine DeLaurentis	Shape Memory Polymer Project
15	Sam D-M	Withdrawn
16	Kristen Duong	Exploring the Role of RNA Tobacco Mosaic Virus in <i>S. lycopersium</i> During Drought
17	Ruben Estrada	Investigating Chronic Symptoms of Fatigue in Man: A Systematic Review
18	Logan garrett	Nanodiamonds or Copper and the Younger Dryas Impact Hypothesis (YDIH)
19	Siri Nuguri	Recovery of Doxycycline Resistant <i>Escherichia coli</i> from the Human Gut Microbiome
20	Victoria Harper	Effects of Human Population on West Nile Virus Infections
21	Jasmine Heidary	The Impact of Adverse Childhood Experiences on Emotional Processing and Attentional Bias
22	Amal Jamshed	Maladies and Materials
23	Sam Pritchett	Optimization of Parameters for Recycled and 3D Printed Gel Elution Liquid Fraction Entrapment Electrophoresis (GELFrEE) Cartridges for Size-based Separation of Proteins
24	Luke James Kerr	Not Just Water: Mapping the Location of Modeling Studies in the Rio Grande/Bravo River Basin

Senior Thesis Posters

25	Ofelaya Babhdasaryan	Cell death Mechanism of Heat-induced OVCAR-8 Cells
26	Ginny Kim	Utilization of Iron Carbenoids for the Stereoselective Synthesis of Highly Substituted Tetrahydrofuran Scaffolds
27	Alexis McCalla	Identification of the regulatory targets of RolA from <i>Clostridioides difficile</i>
28	Michaela Murphy	Bioactive Natural Products Detection Via LC/MS Based DNA Binding Assay
29	Casey Wouters	Potentiating Gram-Positive Drugs Against Gram-Negative Bacteria: Killing <i>E. coli</i> and <i>K. pneumoniae</i> with Oxacillin
30	Naga Rama Kothapalli	FYRE Program Information