

Presenter	Poster/Project Title
Eliana Kahn	Amide Temperature Coefficients for Structural Insights to the Kalata B1 Protein
Ivan Gonzales	Approximate Nearest Neighbors with Hierarchical navigable small world and Hierarchical K-means
Sasha Cabrera, Alyssa Gomez, Lilly Her, Eman Kaleemi, Laisha Mora	Assessing Fresno State Students' Susceptibility to News-Related Misinformation, Spring 2025
Aidan Brown	Assessing the Enzymatic Degradation of Hyaluronic Acid after Pentane-Based Plasma Enhanced Chemical Vapor Deposition
Jennifer Garcia, Christian Robles, Saleh Alazzani, Jonathan Medina	Assessment of algal growth under mixotrophic conditions using gravimetry analysis, and microscopic studies
Aaron, Yuna Ha, Alexis Kim, Deepika Bhanot, Izunna Dunu, Taleen Alkhayyat, Celeste Leon	Automatic Optimization of MRI-based Calcium Sensors via Reinforcement Learning
Shaur Chong, Johnathan Diaz, David Nguyen	Biaryl Compounds: Synthesis and Antiproliferative Evaluation
Danya Sumrein	Bioassay guided natural product isolation of a new coumarin compound from <i>Erigeron canadensis</i>
Sevana Vatche Wassilian, Aya Ali, Kristina Ekezyan	Biochemical characterization of wild algae: Protein quantification, lipid and fatty acid methyl ester analysis across five strains
Cynthia Flores, Daniel Yeritsyan, Ismael Abdullah, Prabhjot Kaur, Veronica Sand, Johnny Vue	Cataloging the Past: Analyzing the Documentation of Mammal Bones and Skins at Fresno State University
Dawit Haileslassie	Chemical Etching and Sorting of Single Crystals of Lanthanide-related Compounds
Naomi Garcia, Shailey Shah, Lauren Bernardi, Yadira Gonzalez, LeAnne Gip, Jennifer Gomez Fuentes	Colonial Patterns in Rodent Taxonomy: Investigating Geographic Overlap Between Species Ranges and Describer Birthplace
Samantha Arredondo, Claire Irasusta, Tiffany Nguyen	Comparative Analysis of <i>Caenorhabditis briggsae</i> , strains AF16 and HK104: Competition at Specific Temperature and Identity Confirmation
Amuldeep Bawa	Comparative Analysis of Ground-State Energies in Pyrethrins and Pyrethroids
Truth Aden	Correlational Study on Autism Experience and Interpretation
Marbin, Makayla, Cayla, Lisa, Brianna	Deforestation in the United States
Melanie Zepeda-Esquivel, Izabella Lopez, Melissa Zhao	Design and purification of Decoration (Dec) protein mutants to evaluate their quaternary structures
Christian Robles	Determination of enthalpy in fats and doritos using bomb calorimetry
Gurmannah Chalotra	Development of Dehydroabietylamine Derivatives as Potential Androgen Receptor N-Terminal Domain Antagonists
Jasmine Hang	Development of One-Bead-One-Compound Libraries for Anticancer Drug Discovery

Presenter	Poster/Project Title
Aylin Gutierrez, Israel Gonzalez	Differences in Self-Efficacy and Sense of Belonging among Fresno State Students in STEM during Spring 2025
Xianzhi Li, Jacqueline Ortiz, Zulaikha Ali, Bableen Kaur, Kristina Ekezyan, Shi He, Delyssa Garcia	Eco-friendly Fluorescent Quantum Dots for Biological Sensing
Shaur Herng Chong, Aditi Arora, Asia Simone Baylis	Effects of D2O on the T1 and T2 Relaxation of H2O Protons Using 80MHz NMR
Skye Nguyen, Rubi Rivera, Ryan Sloan	Engineering Surface Binding: Biotin-Streptavidin Mediated Immobilization of Dec Protein for SPR Analysis
Johnathan Andrade-Antonio	Establishing the Hall Effect Measurement: difficulties, principles, and application
Michael Hollar, Ayuba Abaka, Victor Rivera	Evaluating the Impact of the Fresno State RISE Program Through Survey Analysis
Angelia Leggett	Evaluation of Pyridyl Thioesters as Acyl Group Donor in Friedel-Crafts Acylation Reaction
Tasneem Alkhandak, Mindy Nguyen, Anahi Vega Flores	Examining Demographic Factors Affecting Health Literacy Among Fresno State's Students, Spring 2025
Ariana Sanchez Virrueta	Examining Neural Activation in Bipolar I Disorder during Mania: A Meta-analysis of Functional Magnetic Resonance Imaging Studies
Hailie Warnock, Evan Lin Chang, Jasmine Rougeh Awad	Examining R1 and R2 Relaxivities of Common Gd-based MRI Contrasting Agents
Dapinder Hans, Prakash, Suraj	Examining the Effects of High Saturated and Unsaturated Fats Diets on Tau-linked Neurodegeneration and Behavioral Decline in <i>Drosophila melanogaster</i> .
Natalie Boyer, Ariana Avila, Ahilya Verma, Maite Mendez	Exploring Food Insecurity Among Fresno State Students in Spring 2025
Margaret Mullooly	Exploring the design space of peptide-mediated reversible nanoparticle aggregation
Anahi Cisneros, Kristy Mayo	Factors that affect graduation rates in the US
Alicia Nicole Alonzo, Domonique Advincula, Colby Megan Sayles	Fog and Upwelling along the Central California Coast
Aaron Cano	Green Reduction of Nitroarenes with Carbonyl Iron Powder
Jonathan White, Robert Burdick, Esha Grewal, Beatrice Sanjaya, Isaiah Yang	Health Effects of Pollution in Central Valley, California
Priscila Herrera, Maritssa Lopez, Isabelle Medina	Health Information Seeking Behavior Among College Students During Spring 2025
Ayanna Avalos	Hibiki-AI
Joseph Thiers, Carlos Novela	Homeownership vs. Renting: Tracking the US Housing Market Shift
Zachary Tristan, Gagandeep Sahota, Daniel Paredes	How droughts affect agriculture
Melanie Seielstad, Saachi Gill, Fatima Almufleyhi, Sahreen Gill, Jocelyn Velazquez, Jasmin Sanchez, Alyssa Orr	How is trophy hunting masked as wildlife management and academia? Lessons from trophy hunting collections

Presenter	Poster/Project Title
Jose Camarena, Elyza Castillo, Alyssa Hagans, Simra	How Mental Health Impacts Undergraduate Students at Fresno State in Spring 2025
Reymar Barisoro	Impostor Phenomenon and the Academic Success of Undergraduate Pre-Health Students
Neila Puchi Ruble, Hailey Mirelez, Monserrat Hurtado, Sydney Majors	Invasive Species
Colin Baldis	Investigating the Effects of Oxygen Concentration on the Regulation of Glucose Fuel Metabolism by Bcl-xL in Yeast
Shaur Chong	Investigating the Inhibition of Invertase Enzyme by Metal Ions using UV-Vis Spectrometry
Grant Provencio	Investigating the role Bcl-2 family proteins in the regulation of carbohydrate metabolism
Monica Aviles-Mercado	Is Mentorship Enough? Family Achievement Guilt and the Academic and Socioemotional Well-Being of Latine/x First-Generation College Students
Elizabeth Leung, Adam Ramirez, Adriana Rodriguez, Sydney Saen, Mengmore Yang	Molecular methods in characterizing microsatellite loci in the house finch
Joseph R. White Jr.	Multi-Period Searching in Astronomical Time Series
Aya Elhabashi	Multiplier Sequences and Diagonal Operators: A Study of Non-Classical Orthogonal Polynomial Eigenfunctions and Their Associated Sequences
Simranjeet Sekhon	Navigating Aspirations: The Role of Family, Peer Influence, and Self-Esteem in Shaping Educational Expectations Among Lao and Filipino American Adolescents
Hannah Pena, Ashley Gonzalez, Nazareth Rivera	Ocean Climate change
Mohamed Alkobadi, Angel Farias-Zapien, Landon Hav	Perceptions of Large-Enrollment Instruction by Students at Fresno State in Spring 2025
Cash Bennett, Eloisa Tapia Rios, Martin Flores Perez, Michael Benjamin Moreno	Pesticides in Agriculture
Kristen Rodriguez	Photostability of Artificial Dyes in Mountain Dew Flavors
Janice Diaz, Harmandeep Gil, Regan Schaffert	Power of Sleep
Sarida Ngo	Predicting Screen Navigability Through Layout Trees and User Interaction Patterns
Christian Castillo, James Wheeler	Preparations for the Design of a Liquid Nitrogen Based Calorimeter
Navya Sampathi	Probe Design and Seebeck Coefficient Analysis in Thermopower Measurement
Hannah Mettee, Andria Sepulveda, Avery Ramirez, Joshua Hall, Neftali Quezada, Samantha Luna, Delyssa Garcia, Jesus Reveles	Reinforcement-learning-guided Automated Design of MRI-based Dopamine Sensors
Asia Baylis, Aya	Role of a Noncanonical Disulfide Bond in Camel VHH

Presenter	Poster/Project Title
Chelsea Lim, Analeigha, Izabella	Role of a Noncanonical Disulfide Bond in Camel VHH
Zulaikha Ali, Olga	Role of a Noncanonical Disulfide Bond in Camel VHH
Jasmine Awad, Malaika, Avneet	Role of Noncanonical Disulfide Bond in Camel VHH
Jovanpreet Panesar, Ruby	Role of Noncanonical Disulfide Bond in Camel VHH
Nicholas Brockie	Semi-Empirical Conformational Sampling of λ -Cyhalothrin
Alejandra Cristina Garcia	Severe Convective Wind Climatology
Rachel Castro Orellana	Shades of Engagement: The Light and Dark Triad in Social Media Use
Raquel Navarro, Wayte, Christine	SO ₂ emission in Alaska volcanoes
Victoria Hendrix, Kristina Ekezyan	Stability of Artificial Dyes in Mountain Dew Flavors Under Acidic and Basic Conditions
Alexia Cordova, Marison Garcia, Ashley Lazaro, Uni Lu, Madison Zink	Student Perceptions of the Domestic Feral Cats at CSU Fresno in Spring 2025
Joseph Rivera	Studying Liquid Liquid Phase Separation (LLPS) Through NMR
Vue Xiong, Kay Z. Oo, Victoria Hendrix	Studying the Phylogeny of Wild algae using DNA Barcoding and sequencing
Roxana Gonzalez Dorado	Synthesis and Antiproliferative Evaluation of Licochalcone A-Inspired Analogs on Prostate Cancer Cell Models
Batool Abdelruhman, Maram Salaman	TBA
Daniel Mirzaeian	TBA
Maelys Fraisse	TBA
Sulayman Umari	TBA
Raul Centeno	Temperature Dependent MD Simulation Study of Antifreeze Glycoprotein-8 (Boreogadus saida) Hydration Layer Properties
Haley Raiskup	The Effect of Professor Ratings on Student Expectations
Steven Sharp, Adilene Garcia, Anthony Martinzez-Morales, Daniel Mendoza, Joshua Vang	The effect of urbanization on feather mite abundance in house finches
Juliana Conway	The Effects of Visual Inversion on ASL Comprehension
Andy Villarreal	THE IMPACT OF CENSORING LGBTQ+ THEMES IN CHILDREN'S LITERATURE: PERSPECTIVES FROM LGBTQ+ PARENTS
Emily Grace Underwood, Peters, Sydney Kamakaila	To Be Determined

Presenter	Poster/Project Title
Jeffrey Thibodeaux, Luna, Joshwa Joseph	To Be Determined
Johan Alberto Garcia-Flores	To Be Determined
Vince Uy, Kevin Brandon Gonzalez	To Be Determined
Zulaikha Ali, Diya Taha, Khaldoon Sarwar, Hamzah Kiran, Xianzhi Li, Nathan Theng	Two-pronged computational and experimental control of magnetic nanoparticle structures for nuclear magnetic resonance imaging
Mandi Luellen	Using Drosophila as a model for the role of neuregulin in depression-like behaviors
Raquel Aguilera, Nathan Busse, Brenna Robinson	WildFires and Forest Management in California