UNDERGRADUATE PRESENTATIONS

**Tyrone Jones** - Psychological Science
*Exploring the Influence of Nicotine Knowledge on Tobacco Users’ Willingness to Pay for Reduced Nicotine Cigarettes*

**Adriana Cacho** - Biological Sciences
*Shake it Till you Make it: Investigating Voltage-gated Ion Channels in the Malpighian Tubules of Larval Lepidopterans*

**Yutzil Zavala** - Biotechnology
*The effect of known biomineralization inhibitors on calcification in marine coccolithophores*

**Siaje Gideon** - Biological Sciences
*Voltage-gated ion channels found in cultured gill epithelia of rainbow trout, alter in abundance following salt and water imbalance*

**Milly Lopez** - Psychological Science
*Anxiety and Cannabis Dependence Among Non-Hispanic Black, Non-Hispanic White, and Hispanic U.S. Young Adults*

**Kiara Flores** - American Indian Studies
*Decolonizing the Campus Through Pow Wow Dance*

**Emily Pham** - Biological Sciences
*To pee or not to pee: Voltage-gated ion channels regulate ion transport in the Malpighian tubules of the Yellow Fever mosquito Aedes aegypti larvae*

**Eric Arias-Lopez** - Computer Science
*Maternal Care Deserts*

**Brendan Boyd** - Biological Sciences
*Sodium Savants: How Caterpillars Maintain Their Salt and Water Balance*

GRADUATE NON-STEM PRESENTATIONS

**Amy Alexandre** - Public Health, Harleen Kaur - Public Health
*Pacific Islander Community Health Study*

**Bianca Orozco** - History
*Drugs and Satanism in the Age of Moral Righteousness: 1960-1990*

**Simon Griffith** - Sociological Practice
*Queer Geographies*

**Briana Gallegos** - History
*Cuba’s Complex Relationship With Rock en Español*

**Emily Pelz** - Business Administration
*The Palm Oil Industry, Destruction of the Environment and Critical Habitats*
Christine Frazier – History
The Two Acts of Psilocybin: The US Government and the Quantification of the Mystical Experience

Veenavi W. Fernando – Psychological Science
Characterizing Caregiver Engagement and Associated Culturally Related Factors in Early Intervention Services for Autism

Daniel Castro – History
Super Mario and the Japanese Invasion

Shanelle Watkins – Educational Leadership
Navigating Leadership and Identity: Exploring the Experiences of Black Women Undergraduate Student Leaders at Hispanic Serving Institutions

Michael Lubin – History
Blackwater and Beyond: Defense and Logistics Contractors of the Iraq War

Seth Del Fiorentino – History
The Impact of Colonial Fears of the Stono Rebellion

GRADUATE STEM PRESENTATIONS

Arash Peighambari – Computer Science
Real-time Optimal Anomaly Detection: Use of Embedded AI in Detecting Forced Oscillations in Wind Farm Plants

Dylan Scofield – Mathematics
Fermat’s Last Theorem: The Challenge of Adding One

Loly Saenz – Biological Science
Examining Extra Pair Copulation on South African Penguins

Iryna Razhkova – Mathematics
Thorns and Laurels: The First Woman in the Modern Europe to get a PhD in Mathematics

Poorvi Datta – Biological Science
Integrating Recorded Lectures with Edited Captions Makes STEM Courses More Accessible for SWD

Yathirajam Shyam Sundhar – Computer Science
Windfarm forced oscillation detection using hyper dimensional computing