

**33<sup>rd</sup> Annual Central California Research Symposium  
Award Winners**

**Hannah Williams**

*“Predicting Fall Risk using the 30 foot Walk Test in Low-Functioning Community Dwelling Older Adults”*

Davin Youngclarke Outstanding Presentation - awarded by the Office of Research and Sponsored Programs (\$250)

**Temperance Rowell**

*“Effects of Se-enriched Meal on Growth performance and Endocrine Control of Growth Tilapia (Oreochromis mossambicus)”*

American Chemical Outstanding Presentation - awarded by American Chemical Society (\$250)

**Michael Farner**

*“Comparison of Geologically-averaged Paleomagnetic and “Instantaneous” GPS Rotation Data in the West-Central Walker Lane”*

American Chemical Honorable Mention

**Kristin Herring (Poster Session I)**

*“Identification and Relevance of Stem Cell Markers in Pancreatic Cancer Cell Lines”*

Outstanding Poster Presentation - awarded by the Alliant International University (\$250)

**Darius Khorshidchehr (Poster Session I)**

*“Three-dimensional Escape Trajectories in Larval Fish”*

Honorable Mention Poster Presentation

**Navid Rad (Poster Session II)**

*“Improved Stimulations to Search for New Physics at ATLAS”*

Outstanding Poster Presentation – awarded by the Alliant International University (\$250)

**Chelsea Arnold (Poster Session II)**

*“Modeling Hydroecological Effects of Tephra Layers in Sierra Nevada Meadows”*

Honorable Mention Poster Presentation

**Audra Iness (Poster Session III)**

*“Plasmids with Genes for Pesticide Degradation”*

Outstanding Undergraduate Poster Presentation - awarded by the California State University, Fresno; Office of the Provost (\$250)

**Kurt Heisel (Poster Session IV)**

*“Understanding the Conformational Preference of Intrinsically Disordered Proteins by NMR based Solvent Perturbation: Application to the Small FG-Nucleoporin”*

Outstanding Poster Presentation – awarded by the California State University, Fresno; the Craig School of Business (\$250)

**Megan Pollock** (*Poster Session IV*)

*“Number of Subtests Failed on the LANSE and LANSE-C as a Screen for Cognitive Deficit”*

Honorable Mention Poster Presentation

**Whitney Menefee**

*“Understanding the Sequence Basis of Reversed Allostericity in Xanthomonas axonopodis CRP-like Protein (Clp)”*

Outstanding Oral Graduate Presentation - awarded by the University of California, San Francisco-Fresno (\$250)

**Kristen Andreasen**

*“Development of a Nanodetection Assay for Heartworm using qPCR with SYBR Green”*

Outstanding Oral Undergraduate Presentation - awarded by the University of California, San Francisco-Fresno (\$250)

**Andrew Norton**

*“A Phosphoproteomic Analysis of a M. smegmatis Universal Stress Protein Mutant”*

Honorable Mention Graduate Oral Presentation

**Bradley Kroeker**

*“The Effects of Manganese Toxicity on Motor Activity in Fruit Flies”*

Honorable Mention Undergraduate Oral Presentation

**Matthew Brown**

*“Prey Capture in Bladderwort, the Fastest Known Suction Feeder”*

Outstanding Graduate Oral Presentation - awarded by the California State University, Fresno; Office of Research and Sponsored Programs (\$250)

**Morell Chhay**

*“Conservation Genetics of the Red Hills Roach (Cyprinidae: Lavinia symmetricus ssp)”*

Outstanding Undergraduate Oral Presentation – awarded by the California State University, Fresno; Office of the Provost (\$250)

**Mitchell Baroni**

*“Domain-initial Articulatory Strengthening Revisited: The Case of Second Language Acquisition”*

Outstanding Graduate Oral Presentation - awarded by the California State University, Fresno; Office of Research and Sponsored Programs (\$250)

**Hector Diaz**

*“Food insecurity and Obesity in the Popular Media”*

Outstanding Presentation – awarded by the Central California Autism Center

**Paul Zwama**

*“What Motivates Employees to Participate in Wellness at Work Programs?”*

Honorable Mention - Central California Autism Center

**Robyn McDonald**

*“Well-Covered Dimension of Products of Graphs”*

Outstanding Undergraduate Oral Math Sciences Presentation - awarded by the EECU Credit Union (\$250)

**Katherine Urabe**

*“On Legendre Multiplier Sequences”*

Honorable Mention Undergraduate Oral Math Sciences Presentation