



The 2023 Hawai'i State Science & Engineering Fair ISEF Regional Awards

American Psychological Association

Certificate - Lauryn Hashimoto, Kauai High School

“Lure Comparison for Capturing Male Culex Mosquitoes” (Project ID: ANIM 102)

Association for Women Geoscientists

Certificate - Rosario Kiora, Kailua High School

“Sink or Swim: Which Method of Coir Treatment in a Water Filtration System for the Removal of Microplastics?” (Project ID: ENEV 171)

Environmental Protection Agency

Letter of Encouragement – Harold Jay Cacal, Waipahu High School

“Incorporation of Green Roofs in Residential Buildings: Exploring Sustainability and Ecological Benefits on Oahu” (Project ID: ENEV 169)

NASA Earth System Science Award

Certificate - Jaycee Hasegawa, Mililani High School

“The Effect of Colored Mirrors on Plant Growth” (Project ID: PLNT 209)

National Geographic Award

\$100 Award - Brie-Ann Fukutomi & Penelope Tupou, Baldwin High School

“Erosion” (Project ID: EAEV 143)

National Oceanic and Atmospheric Administration

Certificate - Hope Rosenbush, Kamehameha Schools Kapālama

“The Effects of Lower pH Levels on Marine Microbes in Hawaiian Fishponds” (Project ID: EAEV 153)

Office of Naval Research - U.S. Navy/U.S. Marine Corps

Certificate - Angelica Santos, Waipahu High School

“Observing the Effectiveness of Slime in the Removal of *Miconia calvescens* Seeds” (Project ID: EAEV 150)

Certificate - Lauren Gerber, Mililani High School

“The Use of Moss as a Cover Crop and Bio-filter for Excess Sodium Chloride (NaCl) in Hawaiian Coastal Farm Soil” (Project ID: PLNT 210)

Regeneron Biomedical Science Award

\$375 Cash Award - Elisha Johnston, ‘Iolani School

“Detecting *Prevotella* and *Sneathia* in Female Adolescent Vaginal Microbiomes Through 16S Sequencing and Spreading Awareness of Underrecognized Vaginal and Women’s Health Issues Through a Health-Marketing Campaign” (Project ID: MCRO 185)

Ricoh USA. Inc

Certificate - Adeline Bechard, Kauai High School

“Solar Power Water Gravity Battery” (Project ID: ENEV 173)

U.S. Agency for International Development (USAID)

Certificate - Mia Bonner, St. Andrews Schools

“How Did the Pandemic Affect People’s Comfort Levels?” (Project ID: BEHA 406)

U.S. Stockholm Junior Water Prize

Certificate - Priscilla Matthews, Kauai High School

“Developing a model for Determining the Impact on Plastics/Debris on Ocean Temperatures” (Project ID: EAEV 140)

Certificate - Trenton Lau & Maddux Springer, ‘Iolani School

“Distribution of Wastewater Indicating $\delta^{15}\text{N}$ in *Gracilaria salicornia* and *Codium edule* in Kāne‘ohe Bay and its Effect on Fibropapillomatosis Rates in *Chelonia mydas*” (Project ID: ANIM 100)

Certificate - Olivia Blackmer, Waimea High School

“Smart Watering System” (Project ID: ENEV 173)

Yale Science and Engineering Association

Certificate - Mattis Niggemann, Kalāheo High School

“Neutralizing Polyethylene Microplastics” (Project ID: BCHM 118)