

The 2024 Hawaii State Science & Engineering Fair Special Awards

AFCEA

Junior Division

\$250 Cash Award - Alaka'i Ahue-Sumait & Keoki Kumai & Tayzyn Jefferson, Kahuku Elementary School

"Be a Wise Man, the Ocean is Not a Garbage Can!" (Project ID: ENEV 484)

\$250 Cash Award - Keiko Kent & Christopher Bostic, Kailua Intermediate School

"Mini But Mighty" (Project ID: EGSD 472)

Senior Division

\$500 Cash Award - Ashley Chun, Island School

"Using Organic Material Mats to Clean Oil Spills" (Project ID: MATS 197)

\$500 Cash Award - Sage Andrews & Sailor Crook, Kailua High School

"The Effect of Bleaching Event on Rice Coral Microbiome" (Project ID: MCRO 207)

\$200 Cash Award - Jisue Hong, Punahou School

"Can CNNs Accurately Classify Human Emotions? A Deep-Learning Facial Expression Recognition Study" (Project ID: ROBO 236)

Aina Haina Community Association Meteorology Award / Saul Price

\$100 Cash Award - Leesa Takara, Mililani High School

"Quest for Extraterrestrial Habitability: Analyzing Ammonia on Ganymede" (Project ID: PHYS 222)

American Association of Physics Teachers

Hawaii AAPT/Paul Hewitt Physics Teacher Award - Yvonne Chan, 'Iolani School

For Project: "Formation for Krebs Cycle Acids in the Interstellar Environment" (Project ID: PHYS 212)

American Chemical Society, Hawaii Chapter

Exemplary

1st Exemplary Chemistry Project, \$25 Cash Award - Michael Krog, Kalāheo High School

"Using Aquaculture to Reduce Marine Pollution and HABs" (Project ID: BCHM 110)

2nd Exemplary Chemistry Project, \$25 Cash Award - Faith Brooks, Kamehameha Schools Kapālama

"Caffeine: Effects on SKOV-3 Human Ovarian Cancer Cells" (Project ID: BMED 132)

3rd Exemplary Chemistry Project, \$25 Cash Award - Jude Darby, Highlands Intermediate School

"Sweet Preservative" (Project ID: CHEM 439)

4th Exemplary Chemistry Project, \$25 Cash Award - Lola Scurto, Niu Valley Middle School

"How Do Different Additives to Toothpaste Affect the Coloration of Teeth?" (Project ID: CHEM 444)

Best in Junior Division

1st Best Chemistry Project, \$100 each Cash Award - Dylan Cashman, Kahuku High & Intermediate School

"A Potion for the Ocean" (Project ID: CHEM 445)

2nd Best Chemistry Project, \$50 Cash Award - Star Segi, Emie Hinazumi & Daisy Menhennet, King Intermediate

"Dye Detective" (Project ID: CHEM 448)

3rd Best Chemistry Project, \$25 each Cash Award - Dana Kang, Genevieve Sendrey & Olivia Todaro, Ka'ōhao School

"Ka'ōhao Soil Audit" (Project ID: CHEM 447)

Best in Senior Division

1st Best Chemistry Project, \$100 Cash Award - Beatrice Kim-Lee, Waiākea High School

"Physical, Chemical, and Sensory Properties of a Noni-Fortified Pineapple Juice Beverage" (Project ID: CHEM 144)

2nd Best Chemistry Project, \$50 Cash Award - Mei Kanada, Kealakehe High School

"Analyzing The Reproducibility And Sustainability Of Bromoform Concentrations Extracted From Edible Oil-Immersed Asparagopsis Taxiformis" (Project ID: CHEM 143)

3rd Best Chemistry Project, \$25 Cash Award - John Griffiths & Kana Palmer, Kailua High School

"Do Sea Cucumbers (Holothuroidea) Supports the Ethnic Environment in a Traditional Hawaiian Fishpond?" (Project ID: BCHM 109)

Teacher Award in Chemistry, \$100 Cash Award - Blaise Babineck, King Intermediate

For Project: "Dye Detective" (Project ID: CHEM 448)

American Public Works - Hawaii Chapter

Junior Division

\$100 Cash Award - Teagan Chee, Kamehameha Schools Kapālama

"It's a Plane! It's a Wing! It's a Winglet!" (Project ID: ETSD 488)

\$100 Cash Award - Malia Gaspar, Iao Intermediate School

"What is Glowing?" (Project ID: PHYS 514)

\$100 Cash Award - Emma Agcolicol & Lyngel Paguel, Iao Intermediate School

"The Star That's Been Exploding for Millions of Years" (Project ID: PHYS 515)

\$100 Cash Award - Mia Granados, Sunset Beach Elementary School

"Power Mills" (Project ID: PHYS 520)

Senior Division

\$100 Cash Award - Natalie Choi, University Laboratory School

"Skin Benefits of Red Algae Species in Hawaii" (Project ID: EAEV 146)

\$100 Cash Award - Renjie Chen, Kalani High School

"Testing The Enhancement of Bamboo Fiber on the Compressive Strength Within Concrete" (Project ID: MATS 195)

\$100 Cash Award - Eryn Yanuaria, Mililani High School

"Testing the Durability of Biodegradable Plastics" (Project ID: EAEV 159)

\$100 Cash Award - Kate Kaneshiro, Kalani High School

"Reshaping Plastic Waste: Developing a Mechanism That Will Transform Single-Use Plastics Into 3D Filament" (Project ID: EGSD 165)

American Water Works Association - Hawaii Chapter

\$300 Cash Award, Senior Individual Project - Austyn Bugado, Hilo High School

"Heavy Metal Contamination of Soil from Sugar Cane Farming: How Safe is the County Park?" (Project ID: EAEV 163)

\$300 Cash Award, Senior Team Project - Emeren Alik & Jesalyn Sigrah, Kaimukī High School

"Hawai'i Genki Balls: Can Genki Balls Clean Oil From Water?" (Project ID: EAEV 150)

\$150 Cash Award, Junior Individual Project - Julia Barry, Aliamanu Middle School

"Chlorine: What's in your Water" (Project ID: EAEV 459)

\$150 Cash Award, Junior Team Project - Nivea Mahe & Mikela Arellano, Kamehameha Schools Kapālama

"Ho'omalū manu" (Project ID: EAEV 455)

Associated Chinese University of Women

JR Division

\$200 Cash Award - Naiya Bello-Schroeder, Hilo Intermediate School

"Antibacterial Essential Oils Experiment" (Project ID: BCHM 409)

\$200 Cash Award - Sheyne Takasato, Moanalua Middle School

"Nature's Water Purifier" (Project ID: EAEV 467)

\$200 Cash Award - Charlotte Moats, Hilo Intermediate School

"Chemical Vs. Mineral Sunscreen: Which is More Effective at Protecting DNA from UV Exposure?" (Project ID: MCRO 509)

SR Division

\$200 Cash Award - Lauryn Hashimoto, Kauai High School

"Environmental Effects on Culex Quinquefasciatus Oviposition Patterns" (Project ID: ANIM 103)

\$200 Cash Award - Faith Brooks, Kamehameha Schools Kapālama

"Caffeine: Effects on SKOV-3 Human Ovarian Cancer Cells" (Project ID: BMED 132)

\$200 Cash Award - Vera Wang, Kaiser High School

"Constructing a Novel Aquatic Microplastic Filtration Device Utilizing Natural, Biodegradable Materials" (Project ID: ENEV 176)

CTAHR Alumni Association Award for Excellence in Research

\$300 Cash Award - Beatrice Kim-Lee, Waiākea High School

"Physical, Chemical, and Sensory Properties of a Noni-Fortified Pineapple Juice Beverage" (Project ID: CHEM 144)

Communicology Program in School of Communication & Information at UH Mānoa

\$600 Cash Award - Maddux Springer, 'Iolani School

"Determining the Levels and Abundance of Arginine in Gracilaria salicornia and Codium edule in Kāne'ohe Bay and its Effect on Fibropapillomatosis Rates in Chelonia mydas" (Project ID: ANIM 105)

\$600 Cash Award - Zachery Lieberman, 'Iolani School

"Influence of Exposure to Nature Stimuli on Cognition in AD/HD Adolescent Students: Blind Pilot EEG Study" (Project ID: BEHA 112)

\$600 Cash Award - Elle Sugimoto, 'Iolani School

"Exploring the Impact of Zoning Laws and Land-Use Policies on Food Deserts and Gut Microbiome Diversity in Native Hawaiian Communities" (Project ID: MATH 193)

\$600 Cash Award - Kaleikaumaka Roback & Ki'ai Souza, Kamehameha Schools Maui

"Optimal Table Tennis Paddle Stickiness" (Project ID: MATS 196)

\$300 Cash Award - Ian Cho, Kaito Kannari, & Colton Takai, Kaimukī Middle School

"Do Video Games Affect Cognitive Performance?" (Project ID: BEHA 412)

\$300 Cash Award - Michelle Kabasawa, Aliya Gallucci, & Kalie Kawaguchi, Kaimukī Middle School

"Invasive Algae: Friend or Foe?" (Project ID: PLNT 528)

Emergency Amateur Radio Club

\$300 Cash Award - Addai Wright, Hilo Intermediate School

"Listening to High Frequency Radio Beacons to See the Effect of Geomagnetic Storm Events" (Project ID PHYS 518)

\$200 Cash Award - Gabriela Ewart, Punahou School

"Examining Man-Made Pollution on Radio Astronomy Frequency Bands on Oahu" (Project ID: PHYS 219)

\$100 Cash Award - Kamalu Tupou, Kamehameha Schools Kapālama

"Energy Surge!" (Project ID: ENEV 478)

\$50 Cash Award - Tiffany Cruz, Mililani High School

"Photovoltaic Cell Efficiency Based on Different Angles of the Sun" (Project ID: EGSD 167)

Friends of Hanauma Bay

Junior Division

\$100 Cash Award, Certificate, and Book - Liliko'i DeMartini, Kahuku High & Intermediate School

"Assessing Coral Strength in a Changing Ocean" (Project ID: EAEV 462)

Teacher Award in Junior Division, \$50 Cash Award, Certificate, and Letter - Brett Kewish, Kahuku High & Intermediate School

For Student Winner: Lilikoi DeMartini

Senior Division

\$150 Cash Award, Certificate, and Book - Vera Wang, Kaiser High School

"Constructing a Novel Aquatic Microplastic Filtration Device Utilizing Natural, Biodegradable Materials" (Project ID: ENEV 176)

Teacher Award in Senior Division, \$100 Cash Award, Certificate, and Letter - Darin Kohara, Kaiser High School

For Student Winner: Vera Wang

Friends of Lyon Arboretum

\$100 Cash Award - Tani-Lei Nishikawa, Kailua High School

"The Affects of Fungicides on the Presence of Chlorophyll in Ohia Lehua" (Project ID: PLNT 227)

\$50 Cash Award - Alexander Godsey, Punahou School

"Combustability of Native vs. Non-Native Grasses" (Project ID: BCHM 408)

Hawaii Association of Environmental Professionals

Junior Division

\$100 Cash Award - Gerard Boudreault, St. Joseph School, Hilo

"Effects of Air Fresheners on Plant Growth" (Project ID: EAEV 452)

\$100 Cash Award - Chloe Colandrea, Kamehameha Schools Kapālama

"Plants Can Stop Erosion" (Project ID: EAEV 457)

\$100 Cash Award - Mahina Maag, Hilo Intermediate School

"The Effects of the Kaulana Mahina on the Physiochemical Parametric Statistics of Honokea loko i'a" (Proj ID: EAEV 458)

Senior Division

\$100 Cash Award - Sora Campbell, Punahou School

"Biochar Production with the Invasive Albizia Tree Species and the Impacts of Application on Nanea Plant Growth" (Project ID: EAEV 152)

\$100 Cash Award - Austyn Bugado, Hilo High School

"Heavy Metal Contamination of Soil from Sugar Cane Farming: How safe is the County Park?" (Project ID: EAEV 163)

\$100 Cash Award - Darwynn Ayling, Kalāheo High School

"Liming The Ocean" (Project ID EAEV 151)

\$100 Cash Award - Kian Sanchez, University Laboratory School

"Sponge Studies: Assessing the Effects of Ecological Impacts on Mycale grandis Detritus Production, and Use as a Natural Deep Sea eDNA Sampler" (Project ID: ENEV 175)

\$100 Cash Award - Vera Wang, Kaiser High School

"Constructing a Novel Aquatic Microplastic Filtration Device Utilizing Natural, Biodegradable Materials" (Project ID: ENEV176)

Hawai'i Dental Service

Senior Division

\$1,000 Cash Award - Jace Ramiscal, Mililani High School

"Investigating the Decalcification and Demineralization of Teeth" (Project ID: BMED 130)

\$1,000 Cash Award - Kaelyn Pacpaco, 'Iolani School

"Investigating the Relationship Between the Presence of Salivary Microbiota Associated with Periodontal Disease and having Alzheimer's Disease" (Project ID: MCRO 200)

Junior Division

\$500 Cash Award - Leone Shin, Iao Intermediate School

"Is Soda and Other Drinks Worse for You When You Have Adult Teeth or Baby Teeth?" (Project ID: BMED 427)

\$500 Cash Award - Kristy Kishi, Highlands Intermediate School

"How Bad Could It Be: Sugar vs. Teeth" (Project ID: BMED 428)

\$500 Cash Award - Lola Scurto, Niu Valley Middle School

"How Do Different Additives to Toothpaste Affect the Coloration of Teeth?" (Project ID: CHEM 444)

\$500 Cash Award - Hayes Hopkins, Waikoloa School

"The Good, the Bad...and the Bacteria" (Project ID: MCRO 510)

Hawai'i Optometric Association

\$100 Cash Award - Milania Ramos & Alyssa Arellano, Waipahu High School

"Analyzing Bacteria in Synthetic Manufactured Fiber Strip Eyelashes" (Project ID: MCRO 205)

Teacher Award in Senior Division, \$100 Cash Award - Tanya Cobbin, Waipahu High School

For Project: "Analyzing Bacteria in Synthetic Manufactured Fiber Strip Eyelashes" (Project ID: MCRO 205)

\$100 Cash Award - Leila Almont-Done, Pearl Harbor Christian Academy

"The Stroop Effect" (Project ID: BEHA 420)

Teacher Award in Junior Division, \$100 Cash Award - Enrique Maldonado, Pearl Harbor Christian Academy

For Project: "The Stroop Effect" (Project ID: BEHA 420)

Hawai'i Water Environment Association

\$100 Cash Award - Kian Sanchez, University Laboratory School

"Sponge Studies: Assessing the Effects of Ecological Impacts on Mycale grandis Deritus Production, and Use as a Natural Deep Sea eDNA Sampler" (Project ID: ENEV 175)

\$100 Cash Award - Vera Wang, Kaiser High School

"Constructing a Novel Aquatic Microplastic Filtration Device Utilizing Natural, Biodegradable Materials" (Project ID: ENEV 176)

\$100 Cash Award - Marc Antonio & Joshua Sonson, Waipahu High School

"Introducing Reusability of Greywater for Household Appliances" (Project ID: ENEV 177)

\$100 Cash Award - Bennett Takahama & Kadence Merritt, Baldwin High School

"Evaluating Native Hawaiian Plant Species' Contributions to Post-Fire Silt Sock Bioremediation in Lahaina" (Project ID: ENEV 178)

\$100 Cash Award - Theodore Sepulveda, Pearl City High School

"Invasive Seed Stopper" (Project ID: ENEV 180)

\$100 Cash Award - Angel Ko, 'Aiea High School

"Growing Toward Sustainability: Cultivating Hawaii's Future with Agricultural Innovation" (Project ID: ENEV 182)

Hawaii Astronomical Society

Junior Division:

Certificate & Subscription to Astronomy Magazine - Addai Wright, Hilo Intermediate School

"Listening to High Frequency Radio Beacons to See the Effect of Geomagnetic Storm Events" (Project ID: PHYS 518)

Senior Division

\$75 Cash Award, Certificate & Subscription to Astronomy Magazine - Ryan Aipa, Kamehameha School Maui

"KIC 9832227 Proto Red Nova Candidate" (Project ID: PHYS 214)

Honua Scholars

\$50 Gift Card & Certificate - Austyn Bugado, Hilo High School

"Heavy Metal Contamination of Soil from Sugar Cane Farming: How Safe is the County Park?" (Project ID: EAEV 163)

\$50 Gift Card & Certificate - Ahryanna McGuirk, Kalāheo High School

"Preservation Through Solar Dehydration" (Project ID: EGSD 170)

Illuminating Engineering Society, Hawaii

\$50 Cash Award - Rylan Colbert, Waiākea High School

"Temperature-Related Effects of Marine Debris on Seaside Ecosystems" (Project ID: EAEV 164)

\$50 Cash Award - Erin Yanuaria, Mililani High School

"Testing the Durability of Biodegradable Plastics" (Project ID: EAEV 159)

\$50 Cash Award - Julienne Ulibas, Waipahu High School

"Thermoelectric Cooler" (Project ID: EGSD 168)

\$50 Cash Award Senior Project - Vera Wang, Kaiser High School

"Constructing a Novel Aquatic Microplastic Filtration Device Utilizing Natural Biodegradable Materials" (Project ID: ENEV 176)

Institute of Electric and Electronic Engineers (IEEE-Hawaii Section)

Junior Division:

\$100 Cash Award - Steven Au, Alexei Terebenkov & Gordon Lai, Kaimukī Middle School

"Skyline Powered by the Breeze" (Project ID: EGSD 469)

\$100 Cash Award - Tanner Miller, Island School

"What Amount of Blades is the Most Efficient to Generate Energy with Wind Turbines?" (Project ID: EGSD 470)

\$100 Cash Award - Pierce Blanton, Ryan Doan & Wesley Medeiros, Enchanted Lake Elementary School

"E-Car, an Efficient, Economical and Ecological Way of Generating Energy" (Project ID: EGSD 474)

Senior Division

\$200 Cash Award - Andy Chen, Kalani High School

"Harnessing Brainwaves for Robot Control with an Arduino Brainwave Reader" (Project ID: ROBO 234)

\$200 Cash Award - Aaron-James Santa Cruz, Waipahu High School

"Using Computer Vision to Analyze Traffic" (Project ID: ROBO 235)

\$200 Cash Award - Jisue Hong, Punahou School

"Can CNNs Accurately Classify Human Emotions? A Deep-Learning Facial Expression Recognition Study" (Project ID: ROBO 236)

McInerney Foundation

\$1,000 Scholarship Award - Maddux Springer, 'Iolani School

"Determining the Levels and Abundance of Arginine in Gracilaria salicornia and Codium edule in Kāne'ohe Bay and its Effect on Fibropapillomatosis Rates in Chelonia mydas" (Project ID: ANIM 105)

\$1,000 Teacher Award - Joanna Kobayashi, 'Iolani School

For Student Winner: Maddux Springer

\$1,000 Scholarship Award - Faith Brooks, Kamehameha Schools Kapālana

"Caffeine: Effects on SKOV-3 Human Ovarian Cancer Cells" (Project ID: BMED 132)

\$1,000 Teacher Award - Kalpana Tata, Kamehameha Schools Kapālana

For Student Winner: Faith Brooks

\$1,000 Scholarship Award - Jeanine Longboy, Kauai High School

"Identifying Photosynthetic Microeukaryotes and Cyanobacteria in the Diet of Tilapia in the 'Alekoko Fishpond using eDNA (Project ID: EAEV 160)

\$1,000 Teacher Award - Alex Nelson, Kauai High School

For Student Winner: Jeanine Longboy

\$1,000 Scholarship Award - Ahryanna McGuirk, Kalāheo High School

"Preservation Through Solar Dehydration" (Project ID: EGSD 170)

\$1,000 Teacher Award - Diana Chun, Kalāheo High School

For Student Winner: Ahryanna McGuirk

\$1,000 Scholarship Award - Isabella Rodriguez, Hawaii Preparatory Academy

"Golf Course Management: Investigating Soil Biodiversity" (Project ID: MCRO 209)

\$1,000 Teacher Award - Johanna Anton, Hawaii Preparatory Academy

For Student Winner: Isabella Rodriguez

\$1,000 Scholarship Award - Zoe Cherubini Morrison, 'Iolani School

"Investigating the Role of Primordial Black Holes on Early Galaxy Formation" (Project: PHYS 213)

\$1,000 Teacher Award - Yvonne Chan, 'Iolani School

For Student Winner: Zoe Cherubini Morrison

\$1,000 Scholarship Award - Angel Ko, Aiea High School

"Growing Toward Sustainability: Cultivating Hawaii's Future With Agricultural Innovation" (Project ID: ENEV 182)

\$1,000 Teacher Award - Mary Margaret Peterson, Aiea High School

For Student Winner: Angel Ko

Nalu Studies

Junior Division:

Framed Artwork - Lilikoi DeMartini, Kahuku High & Intermediate School

"Assessing Coral Strength in a Changing Ocean" (Project ID: EAEV 462)

Senior Division:

Framed Artwork - Sage Andrews & Sailor Crook, Kailua High School

"The Effect of Bleaching Event on Rice Coral Microbiome" (Project ID: MCRO 207)

Framed Artwork - John Griffiths & Kana Palmer, Kailua High School

"Do Sea Cucumbers (Holothuroidea) Supports the Ethnic Environment in a Traditional Hawaiian Fishpond?" (Project ID: BCHM 109)

Framed Artwork - Kruze Lani, Moloka'i High School

"GROWING SMART A Comparative Study of Water Efficiency and Germination Rates in Wicking Bed versus Nursery Pot" (Project ID: PLNT 229)

Framed Artwork - Kailana Young, Olomana School

"Empowering Schools: Combating Sex Trafficking Through Staff Education" (Project ID: BEHA 116)

National Oceanic and Atmospheric Administration (NOAA)

\$2,000 Scholarship Award & NOAA Tour - Maddux Springer, 'Iolani School

"Determining the Levels and Abundance of Arginine in Gracilaria salicornia and Codium edule in Kāne'ohe Bay and its Effect on Fibropapillomatosis Rates in Chelonia mydas" (Project ID: ANIM 105)

\$1,500 Scholarship Award - Kian Sanchez, University Laboratory School

Sponge Studies: Assessing the Effects of Ecological Impacts on Mycale grandis Detritus Production, and Use as a Natural Deep Sea eDNA Sampler (Project ID: ENEV 175)

\$1,500 Scholarship Award - Sage Andrews & Sailor Crook, Kailua High School

"The Effect of Bleaching Event on Rice Coral Microbiome" (Project ID: MCRO 207)

\$600 Honorable Mention - Jeanine Longboy, Kauai High School

"Identifying Photosynthetic Microeukaryotes and Cyanobacteria in the Diet of Tilapia in the 'Alekoko Fishpond using eDNA (Project ID: EAEV 160)

\$600 Honorable Mention - Vera Wang, Kaiser High School

"Constructing a Novel Aquatic Microplastic Filtration Device Utilizing Natural, Biodegradable Materials" (Project ID: ENEV 176)

\$200 Junior Division Winner Award & NOAA Tour - Augustus Peterson, Kailua Intermediate School

"Are Gamers Grilling the Globe?" (Project ID: EAEV 463)

\$75 Junior Division Scholarship Award - Michelle Kabasawa, Aliya Gallucci & Kalie Kawaguchi, Kaimukī Middle

"Invasive Algae: Friend or Foe?" (Project ID: PLNT 528)

\$75 Junior Division Scholarship Award - Mahina Maag, Hilo Intermediate School

"The Effects of the Kaulana Mahina on the Physiochemical Parametric Statistics of Honokea loko i'a" (Project ID: EAEV 458)

\$75 Junior Division Scholarship Award - Zoe Glazer, Niu Valley Middle School

"Salt vs. Mosquitos" (Project ID: ANIM 403)

\$75 Junior Division Scholarship Award - Dylan Cashman, Kahuku High & Intermediate School

"A Potion for the Ocean" (Project ID: CHEM 445)

Society of American Military Engineers (SAME)

Junior Division

\$50 Cash Award - Ricky Yamashita Jr., Pearl Harbor Christian Academy

"Does Size Matter?" (Project ID: PHYS 523)

\$50 Cash Award - Alister Tam, Aliamanu Middle School

"What are the Best Drinks for Hydration" (Project ID: BMED 430)

\$50 Cash Award - Tanner Miller, Island School

"What Amount of Blades is the Most Efficient to Generate Energy with Wind Turbines" (Project ID: EGSD 470)

\$50 Cash Award - Zoey Ching, Maunawili Elementary School

"Fo' Real? Different AI Generated Images from Real Ones: An Analysis Among Age Groups" (Project ID: BEHA 418)

Senior Division

\$150 Cash Award - Williene Cruz, Kealakehe High School

"Optimizing Architectural Applications to Existing School Buildings to Dampen the Severity of Sound Pollution in the Classroom" (Project ID: ETSD 190)

\$150 Cash Award - Aaron-James Santa Cruz, Waipahu High School

"Using Computer Vision to Analyze Traffic" (Project ID: ROBO 235)

University of Hawaii Cancer Center

1st Place \$300 Cash Award & Certificate - Elle Sugimoto, 'Iolani School

"Exploring the Impact of Zoning Laws and Land-Use Policies on Food Deserts and Gut Microbiome Diversity in Native Hawaiian Communities" (Project ID: MATH 193)

2nd Place \$200 Cash Award & Certificate - Faith Brooks, Kamehameha Schools Kapālama

"Caffeine: Effects on SKOV-3 Human Ovarian Cancer Cells" (Project ID: BMED 132)

3rd Place \$100 Cash Award & Certificate - Lauren Shaw & Caleb Collado, Waipahu High School

"Using Artificial intelligence to Detect Breast Cancer Stages" (Project ID: CBIO 135)

University of Hawaii Foundation

Four-Year Full Tuition Scholarship at the University of Hawaii - Makala Hayashida, Christian Liberty Academy

"Testing the Bottom-Up Formation of Galaxy Clusters" (Project ID: PHYS 223)