2011

Aloha Movement Project: Taking Initiative to Promote Environmental and Sustainability Literacy in Support of UHM Kukui Cup 2011
Sponsor: Jon Fritzler, Aloha Movement Project
Student: Jennifer Atwood (EVS)

Determining Grouping Patterns of Humpback Whales in Hawai‘i
Sponsor: Brenda Asuncion, Hawaiian Islands Humpback Whale National Marine Sanctuary
Student: Hanna Cook (EVS, Marine Option Program)

Website Development for the UHM Environmental Center
Sponsor: Dr. John Cusick and Dr. Dave Penn
Student: Chris d’Avella (EVS)

Traditional Ecological Knowledge and Resource Use in Kalihi Stream
Sponsor: Barbara Natele, KAUPA (Kalihi Ahupua’a Ulu Pono Ahahui)
Student: Linda Kosen (EVS, Anthropology, Women’s Studies, Latin American Studies)

Grant Proposals Review for Environmental Studies
Sponsor: Dr. John Cusick and Dave Penn
Student: Mark Leong (EVS, Economics)

Data and Analysis of Marine Debris
Sponsor: Carey Morishige, NOAA Marine Debris Program
Student: Travis Ota (EVS)

Promoting Recycling in the State of Hawai‘i State Park System
Sponsor: Gary Hooser, Office of Environmental Quality Control
Student: Robyn Petterson (Interdisciplinary Studies/Sustainability)

Rise Above Plastics: Plastic Bag and Bottle Ban on UHM Campus
Sponsor: Stuart Coleman, Surfrider Foundation
Student: Tyneski Quintel (EVS)

Understanding What the Public Land Development Corporation Means for Oahu Residents
Sponsor: Marti Townsend, KAHEA (The Hawai‘i Environmental Alliance)
Student: Alice Terry (EVS, Anthropology)

Ahua Reef Shoreline Restoration and Control of Kiawe (Prosopis pallida) and Pickle Weed (Batis maritime) on Joint Base Pearl Harbor Hickam, Hawai‘i
Sponsor: Joel Helm, Wildlife Biologist NAVFAC PACIFIC
Student: Adam Vergara (EVS)
Proposal for Focus the Nation Project: Building Community Specific Forums for Clean Renewable Energy  
Sponsor: Sasha Tenzin, Focus the Nation  
Student: Greg Joseph (EVS, Philosophy)

The UHM Sustainability Courtyard as a Center for Campus Engagement  
Sponsor: Dr. John Cusick  
Student: Maureen O’Malley (EVS)

Effects of Light Availability Based on Carbon Isotopes in Ohia Tree-ring Samples  
Sponsor: Dr. David Beilman  
Student: Laura Sheldon (EVS)

Adopt-a-Landscape Plan for a La’au Lapa’au Native Hawaiian Medicinal Plant Garden on UHM Campus  
Sponsor: Roxanne Adams and Dr. John Cusick  
Students: Arya Koushki and Jennifer Rellamas (EVS, Hawaiian Studies)

2010  
*Eisenia fetida* Earthworms as a Bioindicator of Arsenic Rich Soils in Hawai‘i  
Sponsors: Dr. Theodore Radovich and Dr. Nguyen Hue  
UHM Department of Tropical Plant and Soil Sciences  
Student: Russell Auwae (EVS)

Invasive Algae as a Potential Source of Fertilizer  
Sponsor: Dr. Theodore Radovich, UHM Department of Tropical Plant and Soil Sciences  
Student: Papu Lamamea (EVS)

Impassioning the Indifferent: Understanding the Advantages and Drawbacks of Film in Environmental Awareness Campaigns  
Sponsor: Dr. Gerry Marten, East West Center, Senior Fellow, EcoTipping Points  
Student: Michael DeBois (EVS, Psychology)

Rise Above Plastics: Building a Plastic Bottle Free Campus at University of Hawai‘i at Manoa  
Sponsor: Shanah Trevenna, Sustainable UH Student Coordinator  
Student: Cara Wilson (EVS)

Building for a Sustainable Future: Integrating Zero Energy House Design with Bamboo Technologies  
Sponsor: Jim Rossi, Bamboo Technologies  
Student: Andrew Farwell (Interdisciplinary Studies)

Spreading the Word of Clean Energy  
Sponsor: Ivory McClintock, Blue Planet Foundation  
Student: Alexa Grinpas (EVS)
Hawaiian Stilt *Himantopus mexicanus knudseni* Foraging and Habitat Restoration Program  
Sponsor: Joel Helm, Natural Resource Specialist, Hickam Air Force Base  
Student: Jason Ballard (EVS, Zoology)

Hickam Air Force Base Shorebird Survey Index and Bellows Sea Turtle Population Monitoring and *Fibropapillomatosis* Identification  
Sponsors: Joel Helm, Natural Resource Specialist, Hickam Air Force Base, and Craig Gorsuch, Bellows Environmental Manager, NOAA, Marine Turtle Research, Fisheries Science Center  
Student: Sydnie Hetzel (EVS, Marine Option Program)

Saunders Energy Challenge  
Sponsor: David Nixon, Associate Professor, Public Policy Center, Sustainable Saunders Initiative  
Student: Susanna Fang (Electrical Engineering, EVS)

Creating Sustainability in the Community through Environmental Awareness  
Sponsor: Jeremai Cann, Learning Environmental Awareness Project, The Green House Sustainable Learning Center  
Student: Damian McPherson (EVS)

Climate Change, Mosquitos and the Southern Ko‘olau Mountains, Oahu  
Sponsor: Gene Dashiell, Environmental Planning Services  
Student: Meaghan McVeigh (EVS)

Agent of Change: Keawe Ocean Adventures Company Sustainability Operations  
Sponsor: Makani Christensen, Keawe Adventures  
Student: Keri Namimoto (EVS)

Proposal for Map of Kahului Airport Land Use Plan  
Sponsor: Chester Koga, R.M. Towill  
Student: Thomas Park (EVS)

Determining the Spatial Distribution of Visitors at Hanauma Bay  
Sponsor: Elizabeth Kumabe, Environmental Education Extension Agent, Hawai‘i Sea Grant, Education Program Leader, Hanauma Bay Education Program  
Student: Jeovana Tallone (EVS)

Creating an Outreach Product for NOAA’s Nets to Energy and Fishing for Energy Programs  
Sponsor: Carey Morishige, Outreach Coordinator, NOAA Marine Debris Program  
Student: Tara Rapilli (EVS)

Identifying and Researching Unusual Marine Debris  
Sponsor: Carey Morishige, Outreach Coordinator, NOAA Marine Debris Program  
Student: Chelsea Thomas (EVS)
Examining the Linkages between Waikiki Travel Industry Businesses and Maunalua Bay Restoration and Management Efforts  
Sponsor: Sean McNamara, Center for Sustainable Coastal Tourism Sea Grant College Program  
Student: Ian Tierney (EVS)

Asset Management Pilot Study of Diamond Head State Monument  
Sponsor: Holly McEldowney, Division of State Parks, Department of Land and Natural Resources  
Student: Corey Hart (EVS, Geography)

Environmental Center and Ecology Club Internship  
Sponsors: Dave Penn and John Cusick, Environmental Center  
Student: Bob Johnson (EVS, Geography, Honors)

The UHM Sustainability Courtyard as a Center for Civic Engagement  
Sponsor: John Cusick, UHM Environmental Center  
Student: Dylan Butterbaugh (EVS)

2009  
Updating the Hawaiian Monk Seal Sighting Database for the Main Hawaiian Islands  
Sponsor: Tracy Wurth, NOAA Protected Species Division  
Student: Ilana Nimz (EVS, Marine Option Program)

A Survey of Three Endemic and Endangered Marsh Birds in Hamakua Marsh, Kailua  
Sponsor: Jason Misaki, Department of Land and Natural Resources  
Student: John Salem (EVS)

Identification and Analysis of Land Snail Distributions with a Concentration on the Families *Achatinellidae* and *Subulinidae* in the Hawaiian Islands  
Sponsor: Robert Cowie, UHM Center for Conservation Research and Training  
Student: Megan Wood (EVS)

Survey of Coastal Marine Accesses at Kakaako Waterfront Park and Kewalo Basin Park, Oahu  
Sponsor: Eugene Dashiell, Environmental Planning Services  
Student: Brant Lum (EVS)

A Green Business Certification Program Implemented by the State of Hawai‘i Department of Energy Efficiency  
Sponsor: Gail Suzuki-Jones, Department of Business, Economic Development and Tourism  
Student: Brenna St. Onge (Travel Industry Management, EVS)

Coral Reef Restoration of Maunalua Bay, Oahu: A Case Study of an *Avrainvillea Amadelpha* Removal Project  
Sponsor: Manuel Mejia, The Nature Conservancy of Hawai‘i and Malama Maunalua  
Student: Taylor Marsh (EVS)
Determining Appropriate Seed Storage and Germination Conditions for Endangered Plant Species on Army Lands on Oahu, Hawaii’i
Sponsor: Lauren Weisenberger, Oahu Army Natural Resources Program
Student: Hayley Williamson (EVS)

Reintroducing the Schidea Genus on Oahu, Hawaii’i: Outplanting, Fitness Comparisons and Pollination Studies
Sponsor: Lauren Weisenberger, Oahu Army Natural Resources Program
Student: Jenna Tomasa (EVS)

Necropsy Photodatabase Phase II
Sponsor: Liz Kashinsky, NOAA Protected Species Division
Student: Cassidy Lum (EVS)

Audit of Operations and the Establishment of a Sustainability Committee
Sponsor: Jill Laughlin, UHM Lyon Arboretum
Student: Tiffany Tam (EVS)

Research and Development of the Native Hawaiian Garden Photo Collection for the UHM Lyon Arboretum
Sponsor: Raymond Baker, UHM Lyon Arboretum
Student: Rhonda Mack (EVS)

Implementation Plan for the Ocean Awareness Training Program
Sponsor: Christine Brammer, Hawaiian Island Humpback Whale National Marine Sanctuary
Student: Megan Bowsher (EVS)

Beginning A Successful Surfrider Foundation Club at the University of Hawaii‘i at Manoa
Sponsor: Stuart Coleman, Surfrider Foundation
Student: Trevor Smith (EVS)

Pacific Ocean Inventory of Uninhabited Reef Islands and Atolls for Conservation
Sponsor: Jim Maragos, U.S. Fish And Wildlife Service
Student: Anna Jarvie Grodan (EVS)

A Successful Green Retrofit: UHM School of Architecture
Sponsor: Stephen Meder, UHM School of Architecture
Student: Charles Asselbaye (EVS)

Empowering Youth Through Climate Change Education and Activism
Sponsors: Jeff Mikulina and Fancois Rogers, Blue Planet Foundation
Student: David Aquino (EVS)

Defining Eradication for the Oahu Invasive Species Committee Target Species
Sponsor: Chelsea Arnott, Oahu Invasive Species Committee
Student: Zoe Eisenpress (EVS)
2008
Promotional Plan for Kipahulu Ohana’s Community-Based Tour Activities within Haleakala National Park, Maui
Sponsor: Scott Crawford, Kipahulu Ohana
Student: Serena Kaldi (EVS)

Zero Waste UH: Paper and Cardboard Auditing at UHM
Sponsor: Roxanne Adams, UHM Grounds Manager
Student: Tamara Armstrong (EVS)

Zero Waste UH: Organic and Biodegradable Food Waste Auditing at UHM
Sponsor: Roxanne Adams, UHM Grounds Manager
Student: Denise Nakamura (Civil and Environmental Engineering, EVS)

A Strategy for Energy Savings in Hamilton Library
Sponsor: David Nixon, Associate Professor
UHM Public Policy Center and Public Administration Program
Student: Yukari Akastuka (EVS, Peace Studies)

Na Mea Wai Apau (All Things Related To Water)
Sponsor: Donna Wong, Executive Director, Hawai‘i’s Thousand Friends
Student: Jessie Cohen (EVS)

Challenging Hawai‘i Environmental Issues with KAHEA
Sponsors: Miwa Tamanaha and Marti Townsend, KAHEA: The Hawaiian Environmental Alliance
Student: Elizabeth Kane (EVS, Hawaiian Studies)

Creating a Marketing Strategy for Bamboo Technologies
Sponsors: Jeffree Trudea and Jim Rossi, Bamboo Technologies, Bamboo Living Homes and Resorts
Student: Megan Spurlock (EVS)

Marine Debris Response in the Main Hawaiian Islands: City and County of Honolulu Pilot
Sponsor: Carey Morishige, Outreach Coordinator, NOAA Marine Debris Program
Student: Randy Caleskie (EVS)

Development of the Ocean Awareness Training, Oahu 2008
Sponsor: Christine Brammer, NOAA Oahu Program Coordinator, Hawaiian Islands Humpback Whale National Marine Sanctuary
Student: Namiko Hattori (EVS, Marine Option Program)

Additional Outreach Programs in the Hawaiian Islands Humpback Whale National Marine Sanctuary to Engage the Public on the Island of Oahu
A Cost-Benefit Analysis on a Vessel Investment  
Sponsors: Barry Stieglitz and Kathy Nelson  
U.S. Fish and Wildlife Service, Hawaiian and Pacific Islands National Wildlife Refuges  
Student: Yee Ting Wong (Economics, EVS)

Increasing Public Relations for the USS Arizona Memorial  
Sponsors: Frank Hays and Eileen Martinez, U.S. National Park Service  
Student: Rachel Breitweser (EVS)

Development of an Interpretive Plan for an Audio Tour of the African Savannah  
Sponsor: Kathy Carlstead, Research Scientist Honolulu Zoo  
Student: Bristol King (EVS)

Preventing Accidental Introduction of Invasive Species  
Sponsor: Aljon Kalani Watson, Master Journeyman and Inspector State Department Of Agriculture, Plant Quarantine Branch  
Student: Andrew Watson (EVS)

Creating an Invasive Species Display for The Honolulu Zoological Society  
Sponsor: Kathy Carlstead, Honolulu Zoological Society  
Student: Anne Marie Aque (EVS)

Matrix Development of Marine Debris Impacts and Related Scientific Literature  
Sponsor: Carey Morishige, Outreach Coordinator, NOAA Marine Debris Program  
Student: C. Michael Cahill (EVS)

National Historic Preservation Act, Section 106 Compliance at Marine Corps Training Area Bellows  
Sponsor: Koa Kaulukukui, Earthjustice  
Student: Erin Woods (EVS)

Identification and Documentation of a Successful Hawai‘i Ecotipping Point  
Sponsor: Gerald Marten, East West Center  
Student: Jacqueline Fogle (EVS)

The Effects of an Estrogen Compound on Settlement and Metamorphosis of the Reef Coral *Pocillopora Bernardii*  
Sponsor: Robert Richmond, UH Pacific Biosciences Research Center, Kewalo Marine Laboratory  
Student: Jacque Idechong (EVS)
The Hawaiian Monk Seal, *Monachus Schauinslandi*, Necropsy Photo Database
Sponsor: Liz Kashinsky, National Marine Fisheries Service, Marine Mammal Research Program
Student: Julie Grass (EVS, Marine Option Program)

Observations of Threatened Hawaiian Green Sea Turtles at Sea Life Park
Sponsor: Chris Wade, Sea Life Park
Student: Tiffany Kom (EVS)

The General Process of Environmental Consulting for Potentially Contaminated Soil and Groundwater Issues in Hawaiʻi
Sponsor: Neil Ledbetter, Environet
Student: Jon Shjegstad (EVS)

Preparation Assistance for the Environmental Council Annual Report
Sponsors: Robert King and David Bylund, Environmental Council
Student: Jenna King (EVS)

The Hawaiian Energy House Model
Sponsor: Stephen Meder, UHM School of Architecture
Student: Tyler Haller (Architecture)

Exploring Native Plants and Their Traditional Uses
Sponsor: Chana Dudoit, Kaupa - Kalihi Ahupuaʻa Ulu Pono Ahahui
Student: Veronique Nguyen (EVS)

Assessing The Feasibility of Ocean Energy Technology on the Island of Guam
Sponsor: Eugene Dashiell, Environmental Planning Services
Student: William Whitman (EVS)

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2006

Impacts of the Superferry on Marine Mammals in Hawaiʻi
Sponsor: Isaac Moriwake, Earthjustice
Student: Chelsea Arnott (EVS)

Quality Fiber Food and Healthy Lifestyles
Sponsor: Koichi Wada, STC System USA, Inc.
Student: Yu Arai (EVS)

Native Algae Growth Experiment in the Heʻeia Fishpond
Sponsors: Angela Kawelo & Wally Ito, Paepae O Heʻeia
Student: Casey Brown (EVS)

Recommendations to Address the Challenges of Marine Debris Around the World
Sponsor: Carey Morishige, Outreach Coordinator, NOAA Marine Debris Program
Student: Carly Quisenberry-DuBay (EVS)
Examining Current and Prospective Management Techniques for Minimizing Human Impact on Hanauma Bay Nature Reserve Through Education
Sponsor: Elizabeth Maynard, Hanauma Bay Education Center
Student: Alicia Kelly (EVS)

Mangrove Removal Plan for Hickam Air Force Base
Sponsor: Bill Grannis, Environmental Quality Branch, Environmental Division, US Air Force
Student: Patra Vidondo (EVS)

Evaluation of the Sale or Transfer of Johnston Atoll to Another Entity
Sponsor: Mark Ingoglia, Environmental Quality Branch, Environmental Division, US Air Force
Student: Liz Manczko (EVS)

Hickam AFB Restoration Project Initiative
Sponsor: Aaron Hebshi, Environmental Quality Branch, Environmental Division, US Air Force
Student: Jeremy Knudsen (EVS)

Managing Hawai‘i E-Waste: An Examination of the State of Hawai‘i Department of Education
E-Waste Management Conditions
Sponsors: Michael Yee & Brant Tanaka, Enviroservices & Training Center
Student: Grant Migita (EVS)

Conservation Awareness of Black-Handed Spider Monkeys and Francois Langurs
Sponsor: Kathy Carlstead, Honolulu Zoo
Student: Daniela Checinski (EVS)

Honolulu Zoological Society Outreach Program: Invasive Species Education
Sponsors: Susie Wendland-Gardner & Jason Harris, Honolulu Zoological Society
Student: Renuka Halma (EVS)

Strides for an Environmentally Sustainable University of Hawai‘i at Manoa
Sponsor: Dr. John Cusick, UHM Council on Sustainability
Student: Eric Oppen (EVS)

Storm Water Monitoring: University Of Hawai‘i at Manoa
Sponsor: Stacie Cheramie, UHM Environmental Health And Safety Office
Student: Lindsey Richardson (EVS)

The Effective Use of Neem in Controlling Aphid Populations
Sponsor: Dr. Theodore Radovich, UHM Tropical Plant & Soil Sciences
Student: Jacqueline Halbrendt (EVS)

Role of Parascientist in Conservation
Sponsor: John Harrison, UHM Environmental Center
Student: Julia Parish (EVS)