

State Department	Award Description	Project Name or Project/Program Title	Number of Jobs	Description of Jobs Created	Quarterly Activities/Project Description
ATG	The grant allows state and local jurisdictions to improve the functioning of the criminal justice system by creating jobs, retaining jobs, and providing operational resources. Projects to be funded include drug task forces which will report on the number	State of Hawaii FY 2009 Recovery Act Justice Assistance Grant (JAG) Program	0.89	0.89 Total FTE 0.72 FTE Administrative/Human Resources	Two Planning Specialist were hired and received Financial Management Training from OCFO and Civil Rights Training from OCR. There were two subrecipients for this reporting period. Project 09-SU-01 consists of a specialized vertical prosecution unit which will improve public safety on the County of Kauai through efficient and effective prosecution of those who commit crimes of domestic violence. Project 09-SU-02, is working on upgrading an information system that tracks juvenile law offenders.

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DLIR	Weatherization Formula Grants - American Recovery and Reinvestment Act of 2009	Weatherization Assistance Program for Low -Income Persons	8.85	0 jobs - Prime Recipient; 12 Energy Educators positions created by Sub Recipients; 0 jobs - Vendors	The goal of the program is to use ARRA funds administered through the U.S. Department of Energy to contract for the installation of energy devices and energy conservation education. Installation services include home Compact Fluorescent Light (CFL) fixtures and solar water heater systems for the following categories: (1) single family and multi-family residences, (2) elderly persons' residences, (3) handicapped persons' residences, and (4) renter's residences. 255 homes will receive CFL retrofits and 417 eligible homes will have solar water heater system installed. 672 homes will be audited for energy use. 672 homes statewide will receive energy conservation education and reduce their energy costs. At a minimal, 61 jobs will be created and 57 persons will retain their jobs. There were a total of 298 staff training hours this quarter. Four staff members received an aggregate of 72.5 hours of training at the Community Action Partnership Annual Convention, 4 staff members received an aggregate of 31 hours of training at the Community Action Program Legal Services meeting, 3 staff members received 116 hours of energy audit training online, 1 staff member received 12 hours of energy training.
DLIR	Reemployment services to unemployment insurance claimants and other jobseekers. Recovery Act - Reemployment services \$891,404, CFDA 17.207; Employment Service \$534,842, CFDA 17.207.	Recovery Act Reemployment Services	5.20	Counselors, clerks, interviewers, managers	Provide various employment services to unemployment insurance claimants and other jobseekers.
DLIR	Part-time employment for low-income older individuals.	Recovery Act Older Americans	1.42	Portions of counselors, specialist, fiscal staff	Provided employment services and part-time subsidized employment to low-income older individuals statewide.

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DLIR	(1) CFDA 17.259, WIA Youth Grants, \$2,918,025 awarded: To provide employment and training activities, including high quality work experience in an expanded summer component to youth 14-24 years old. (2) CFDA 17.260, WIA Dislocated Worker Grants, \$2,161,193 awarded: To provide a variety of work-related employment and training services, including job training to laid off individuals to support their reentry into the labor market. (3) CFDA 17.258, WIA Adult Grants, \$1,234,406 awarded: To provide work-related employment and training services, including job training opportunities, to unemployed or underemployed adults to support their reentry into the job market.	Workforce Investment Act	125.64	Employment counselors, case managers, work experience. WIA Adult 12.42; WIA Dislocated Workers 15.85; WIA Youth 229.32 (includes summer youth employment).	Provided services to more eligible participants; developed and implemented summer youth employment program statewide. Continued youth activities for older youth beyond summer. (1) CFDA 17.259, WIA Youth Grant: Drew down \$643,418.00. (2) CFDA 17.260, WIA Dislocated Worker Grant: Drew down \$236,766.50. (3) CFDA 17.258, WIA Adult Program:
DOD	CA 2924 HVAC Replacement at 298 RTI Waimanalo Hawaii award amount is \$833,507.00. CA 2916 Energy Management System 298 RTI Waimanalo Hawaii award amount \$86,800	HVAC Replacement 298 RTI CA2924, Energy Management System Install 298 RTI CA2916	23.00	2ea Shett Metal, 4ea HVAC Tech, 2ea GenLabor, 1ea Heavy Equipmen tOperator, 4 ea elec, 2ea Lagger, 1ea Mech Eng, 1 HVAC Foreman, 1 Trade Foreman, 2 ea Project Manager 1 Software Programer	CA 2924 HVAC Replacement at 298 RTI Waimanalo Hawaii awarded \$853507.00. CA 2916 Energy Management System and RTI Waimanalo Hawaii awarded \$86800.
DOE	Assist states in providing special education and related services to children with disabilities in accordance with Part B of the Individuals with Disabilities Education Act (IDEA).	Grants to States for the Education of Children with Disabilities	346.86	Contracted special education-related services. Vendors have provided services in the areas of school-based behavioral health services, and assistance to students diagnosed with the autism spectrum disorder. Based on vendor data and prime recipient-analyzed detailed records of minutes, and 445,834 hours of service, and standard cumulative hours since grant origination date of February 17, 2009 to September 30, 2009 of 1,285.33 hours, the FTE calculation is 346.86.	Assist states in providing special education and related services to children with disabilities in accordance with Part B of the Individuals with Disabilities Education Act (IDEA). Funds were used to pay for contracted special education-related services.

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DOE	Improve teaching and learning for students most at risk of failing to meet state academic achievement standards.	Title I, Part A -- Improving Basic Programs Operated by Local Educational Agencies. Initial project provided Extended Learning Opportunities ("ELO") during summer 2009 for economically disadvantaged students.	202.49	The initial Title I Recovery Act Extended Learning Opportunities ("ELO") project ELO provided a stimulus to the local economy by providing additional employment opportunities during the summer of 2009. The program was held at 90 campuses statewide, with 8,018 students who participated. These students were supported by 1,146 staff members during the summer, equating to 202.49 FTE, based on 105,295.50 hours worked, divided by 520 standard hours for the quarter, as noted in the "Number of Jobs" total in the preceding reporting data field, in accordance with U.S. Department of Education specific guidance. These employees hired included part-time and substitute teachers; program directors; para-professionals; and other	The initial Title I Recovery Act project provided Extended Learning Opportunities ("ELO") during summer 2009 for economically disadvantaged students, struggling to demonstrate grade level proficiency in English Language Arts ("ELA") and Mathematics, as me
DOT-AIR	Airport Development	Kahului Apron Pavement Structural Improvements	27.14	Construction Supervisor, Pavement Saw Cutting, Carpenters, Masons, Pavement Stripers, Construction Labor, Surveyors, Truck Drivers	Airfield Apron Repaving and Resurfacing
DOT-HWY	Reconstruct weakened pavement areas, cold plane, resurface, adjust utility boxes, and install guardrails, pavement markings and signs on Kuhio Highway, Route 56, between MP 9.0 and MP 10.0	Kuhio Highway Resurfacing, Kawaihau to Kapaa Bridge	3.64	Masonry, paving, general labor and traffic control.	Cold planing, reconstruction of weakened pavement areas, paving, striping, adjusting sewer manhole frame and cover.
DOT-HWY	Limited to extending the life of the pavement by cold planing and resurfacing (1 1/2" maximum) areas that are starting to show pavement distress. Use of slurry seal, crack seals, white-topping and/or pcc slab repairs.	Hana Highway Pavement Preventive Maintenance, Kaupakalua Road to Huelo	1.01	Paving, general labor, traffic control and office work.	Cracksealing, road maintenance, slurry sealing, and striping for an exiting state roadway.
DOT-HWY	Resurface an reconstruct damaged areas of the pavement. Safety (including guardrail and shoulder improvements) and ADA improvements could be included.	Maunaloa Highway Resurfacing, Hoolehua to Vicinity of Keonelele Avenue	0.83	Surveying, asphalt production, paving general labor and traffic control.	Cold planing, paving, adjustment of utility structures, re-establishment of survey control and adjustment of survey monuments, and striping for an existing state roadway.
DOT-HWY	Reconstruct weakened pavement areas, cold plane, resurface, adjust utility boxes, and install guardrails, pavement markings and signs on Maalo Road, Route 583	Maalo Road Resurfacing, Mile Post 0.0 to Mile Post 1.0	2.10	Masonry, paving, general labor and traffic control.	Cold planing, reconstruction of weakened pavement areas, paving, striping, adjusting sewer manhole frame and cover, adjusting water valve boxes

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DOT-HWY	Remove and dispose of lead-based paint and rust from steel members and paint them. Work also includes repairing/replacing steel members that need repair work. (Kukaiiau Bridge MP 33.6, Kuwaikahi Bridge MP 24.77, Ninole	Hawaii Belt Road, Clean and Paint Steel Members, Ninole, Maulua, Kuwaikahi and Kukaiiau Bridges	4.94	Project administration and general labor.	Fabrication and installation of project advisory signs. Prepare site for field office and staging area.
DOT-HWY	Replace existing concrete South Punaluu Stream Bridge with new concrete bridge.	Kamehameha Highway Replacement of South Punaluu Stream Bridge	0.72	Installation of construction and notice to motorists advisory signs and Site-specific BMP plans.	Fabrication and installation of project advisory signs and prepare site-specific BMPs. Prepare site for field office and staging area.
DOT-HWY	Upgrade the Farrington Highway and Makilo Drive Separation structures over the H-1 Freeway to better resist earthquake damage.	Interstate Route H-1 Seismic Retrofit, Farrington Highway Separation and Makakilo Drive Separation	4.39	Masonry, fiberwrap reinforcement by specialists, general labor and traffic control	Barrier demolition and restoration, and fiberwrap reinforcement of bentcaps and columns on the bridges over H-1 Freeway.

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HHL	ARRA funding will be focused on infrastructure development, specifically hard costs as per the ARRA regulations, in two different single-family residential subdivisions on O'ahu. The two projects targeted for the ARRA funding are Kaupuni Village, an 18 un	1. Kaupuni Village infrastructure 2. East Kapolei II mass grading	16.84	<p>The following are descriptions of the types of jobs funded with ARRA funds expended through September 30, 2009:</p> <p>Laborer: Perform tasks involving physical labor at building, highway, and heavy construction projects, tunnel and shaft excavations, and demolition sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, clean up rubble and debris, and remove asbestos, lead, and other hazardous waste materials. May assist other craft workers.</p> <p>Carpenter: Build, install and repair structures and fixtures of wood, plywood, and wallboard. They erect structural framework and construct forms for concrete. They lay subflooring, build stairs, and erect scaffolding. Carpenters also install cabinets, windows, doors, paneling, and other wooden items in buildings.</p> <p>Operating Engineer: Construction Equipment Operators run a variety of construction equipment to excavate and grade earth; erect structural and reinforcing steel; pour concrete; and control air and water output. They operate</p>	<p>Status of Projects</p> <p>1. The Kaupuni Village infrastructure project includes grading and drainage, construction of roadway, sewer system, etc. This project is less than 50% completed. 2. The East Kapolei II mass grading project is out for bid.</p>
HMS	A state program to provide independent living services to individuals with significant disabilities, support the operation of centers for independent living and the Statewide Independent Living Council, provide training on the independent living philosoph	State Independent Living Services, Recovery Act	3.50	Independent Living Specialist	A state program to provide independent living services to individuals with significant disabilities, support the operation of centers for independent living and the Statewide Independent Living Council, provide training on the independent living philosoph

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HMS	A state program to provide independent living services to older individuals who are blind, conduct activities that will improve or expand such services and help improve public understanding of the problems of such individuals.	Independent Living Services for Older Individuals Who Are Blind, Recovery Act	2.00	Independent Living Rehabilitation Specialist	A state program to provide independent living services to older individuals who are blind, conduct activities that will improve or expand such services and help improve public understanding of the problems of such individuals.
UH	The objective is to understand the effects of chemotherapy on the brain in children diagnosed with leukemia using sensitive magnetic resonance imaging techniques.	Neuroimaging to Assess the Effects of Therapy in Children with Acute Lymphoblastic Leukemia	0.80	Professor of Peds & Medicine: Serve as Co-PI responsible for clinical oncology aspect of study, neuropsych testing, & molecular biology aspects. Professor of Medicine: Provide guidance in MR techniques and cognitive assessments. Professor of Medicine: Ser	The objective is to understand the effects of chemotherapy on the brain in children diagnosed with leukemia using sensitive magnetic resonance imaging techniques.
UH	Administrative supplement to support and accelerate the tempo of current study aims of the parent grant. This supplement is responsive to NIMHs Strategic Plan to strengthen the public health impact of NIMH-supported research by enhancing our knowledge b	Mentoring/Career Development in PTSD Services Research (ARRA)	0.08	Co-Investigator, Psychiatric Epidemiologist	Administrative supplement to support and accelerate the tempo of current study aims of the parent grant. This supplement is responsive to NIMHs Strategic Plan to strengthen the public health impact of NIMH-supported research by enhancing our knowledge b
UH	Research relates to active R01 which examines the role of polyamines and polyamine inhibitors in the pediatric cancer neuroblastoma and is in direct response to the "Notice of Availability of Recovery Act Funds for Administrative Supplement NOT-OD-056.	Role of Polyamines in MYCN-Amplified Neuroblastoma	0.58	Junior Researchers (2)	Research relates to active R01 which examines the role of polyamines and polyamine inhibitors in the pediatric cancer neuroblastoma and is in direct response to the "Notice of Availability of Recovery Act Funds for Administrative Supplement NOT-OD-056.
UH	This supplement award supports a local high school science teacher to participate in investigating the transcriptional and physiological analysis of cardiac HIF1.	Transcriptional and Physiological Analysis of Cardiac HIF-1	2.00	A high school science educator participates in the laboratory in the summer (Research Assistant) & a former high school science educator develops online training materials for science educators to learn laboratory skills (CCR Science Education Developer)	This supplement award supports a local high school science teacher to participate in investigating the transcriptional and physiological analysis of cardiac HIF1.
UH	The purpose of this study is to develop and conduct pilot testing of a tool to assess dietary intake for Filipino-Americans, and to identify relationships between dietary intake and outcome measures for the diabetes prevention lifestyle intervention, i.e.	Cognitive Behavioral Intervention in Diabetes Self-Management	0.36	1) Asst Prof, UHM, 9-mo. (UH employee, Faculty Candidate) 2) Research Assistant (Graduate Student)	The purpose of this study is to develop and conduct pilot testing of a tool to assess dietary intake for Filipino-Americans, and to identify relationships between dietary intake and outcome measures for the diabetes prevention lifestyle intervention, i.e.

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UH	The primary goal of this application is to use intracytoplasmic sperm (ICSI) and other assisted reproduction techniques (ART) to define the minimum Y gene requirement during spermatogenesis that is compatible with the generation of ART-competent sperm.	Minimum Y Gene Complement Necessary for Successful ART	0.34	Research Assistant	The primary goal of this application is to use intracytoplasmic sperm (ICSI) and other assisted reproduction techniques (ART) to define the minimum Y gene requirement during spermatogenesis that is compatible with the generation of ART-competent sperm.
UH	A phylogenetic analysis of Hawaii's endemic aquatic and terrestrial Hyposmocoma moths based on both morphological and molecular data.	Ecological Diversity, Systematics, and Conservation of Hawaii's Endemic Hyposmocoma	0.65	Graduate Assistant (0.50); RCUH employee (Specialized Services, Rsch Assoc, 0.03); Pre-Baccalaureate Student (0.05 & 0.07)	A phylogenetic analysis of Hawaii's endemic aquatic and terrestrial Hyposmocoma moths based on both morphological and molecular data.
UH	This research attempts to explore the use of Agent-Based Model as a flexible and comprehensive alternative for the analysis of fishers' responses to alternative fishery policies, using Hawaii's longline fishery as an illustrative example.	An Exploratory Application of Agent Based Modeling for Policy Evaluations in Hawaii's Longline Fishery	0.50	Graduate Research Assistant	This research attempts to explore the use of Agent-Based Model as a flexible and comprehensive alternative for the analysis of fishers' responses to alternative fishery policies, using Hawaii's longline fishery as an illustrative example.
UH	Using laboratory experiments, the project results will significantly contribute to understanding tools that are widely used to reconstruct the climate of the past.	Understanding Paleo-Climate Tools: Effects of Carbonic Anhydrase and Mg on Oxygen Isotopes in Dissolved and Solid Carbonate	0.82	Graduate Assistant/Research Assistant responsible for conducting laboratory experiments including precipitation of carbonates and isotope analyses.	Using laboratory experiments, the project results will significantly contribute to understanding tools that are widely used to reconstruct the climate of the past.
UH	The primary objectives of this study are to examine climate-linked changes in ocean biogeochemistry and physics through monthly research cruises to the North Pacific Ocean.	The Hawaii Ocean Time-series (HOT): Sustaining ocean ecosystem and climate observations in the North Pacific Subtropical Gyre	1.25	HOT Project Field and Laboratory Coordinator: Coordinate/manage research activities at sea & in lab, oversight of seawater nutrient analyses, training of personnel, lab health/safety. Research Oceanography Specialist: Performs biogeochemical analyses of	The primary objectives of this study are to examine climate-linked changes in ocean biogeochemistry and physics through monthly research cruises to the North Pacific Ocean.
UH	Investigate changes in past ocean chemistry in order to improve understanding and forecast of future changes.	Collaborative Research: Reconstructing Deep Sea Acidification During the Paleocene-Eocene Thermal Maximum	0.47	Research Assistant responsible for conducting numerical experiments and data analyses focusing on carbon cycle perturbations.	Investigate changes in past ocean chemistry in order to improve understanding and forecast of future changes.

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UH	The response of marine nitrogen-fixing microorganism physiology and gene expression will be examined in high carbon dioxide experimental perturbation experiments.	Collaborative Research: Oceanic Diazotroph Community Structure and Activities in a High Carbon Dioxide World	0.47	Oceanographic Research Assistant (NR): Assists with laboratory processing/analyses of seawater microbiological samples, maintains/oversee laboratory sample database. Graduate Research Assistant: Participate in research cruises to study ocean/climate in N	The response of marine nitrogen-fixing microorganism physiology and gene expression will be examined in high carbon dioxide experimental perturbation experiments.
UH	To understand the fundamental, 3-dimensional dynamics of the Atlantic Meridional Overturning Circulation's large-scale descending branch, including its dependence on horizontal and vertical mixing, buoyancy fluxes, winds, bottom topography and basin geome	Dynamics of the Descending Branch of the Atlantic Meridional Overturning Circulation	1.16	Fabian Schloesser is a graduate student within the School of Ocean and Earth Science and Technology (SOEST) at the University of Hawaii at Manoa. Much of project involves obtaining solutions to two types of models: a layer model (LOM) and an oceanic general circulation model (OGCM). Fabian is responsible for all aspects of LOM: He obtains solutions to LOM, interprets them in terms of ocean dynamics, and compares them to comparable solutions to the OGCM. As such, he plays an essential role in the project's success. Results will form the foundation for Fabian's doctoral thesis.	To understand the fundamental, 3-dimensional dynamics of the Atlantic Meridional Overturning Circulation's large-scale descending branch, including its dependence on horizontal and vertical mixing, buoyancy fluxes, winds, bottom topography and basin geome
UH	This grant proposal is for behavioral experiments with honeybees focused on short-term memory, concept learning, and relational learning.	Learning and Cognition in Honeybees	0.98	Graduate Student Assistant, Research Associate	This grant proposal is for behavioral experiments with honeybees focused on short-term memory, concept learning, and relational learning.
UH	Conduct field mapping and sample collection of late-glacial volcanic rocks in west Iceland for geochemical analysis. Perform numerical modeling of melting processes to compare with the collected data.	The Mantle Melt Column and Melt Migration Revealed by Deglaciation Melting Beneath Iceland's Western Rift Zone	0.15	Professor	Conduct field mapping and sample collection of late-glacial volcanic rocks in west Iceland for geochemical analysis. Perform numerical modeling of melting processes to compare with the collected data.
UH	Federal Work-Study provides need-based financial aid to students.	Federal Work-Study	1.00	Federal Work-Study Program jobs.	Federal Work-Study provides need-based financial aid to students through compensation for hours worked at on- off-campus jobs.
UH	Federal Work-Study provides need-based financial aid to students.	Federal Work-Study	1.00	Federal Work-Study Program jobs.	Federal Work-Study provides need-based financial aid to students through compensation for hours worked at on- or off-campus jobs.