

UNIVERSITY OF HAWAI‘I SYSTEM ANNUAL REPORT



REPORT TO THE 2012 LEGISLATURE

Annual Report on
Research And Training Revolving Fund
2010-2011

HRS 304A-2253

November 2011

**ANNUAL REPORT ON THE
RESEARCH AND TRAINING REVOLVING FUND
2010/2011**

INTRODUCTION

The Research and Training Revolving Fund continues to be very effective in stimulating research, which results in extramural contracts and grants. This report summarizes the utilization of the Fund for 2010-2011 and indicates the effectiveness of this support. Procedures for awarding grants from the Fund were the same as in previous years.

The Governor's approved guidelines for the administration and utilization of the Fund:

1. The funds were administered by the Vice President for Research, the Manoa Vice Chancellor for Research, and the University Research Council within the general guidelines approved by the University President.
2. The funds were administered in the four categories described under Part I – Fund Utilization.

I. FUND UTILIZATION

Pursuant to HRS Section 304A-2253, \$44,645,514 was deposited into the Research and Training Revolving Fund and allocated as follows:

A. Scholarly Development Fund

The Scholarly Development Fund serves two purposes. The first is to provide seed money support to develop research projects or training programs for extramural funding. The second is to provide travel funds for University professionals that enable them to communicate research and new ideas at international, national or regional meetings, and to permit contact with extramural funding agencies.

Allocation

A total of \$350,000 was allocated to the fund by the Vice President for Research and the Manoa Vice Chancellor for Research and distributed as follows:

1. Seed Money Program: \$0

Table 1. (Not applicable)
2. Professional Travel: \$350,000

The council reviewed 246 travel requests totaling \$446,449.87. It made 212 awards totaling \$288,124.38 or 65% of the amount requested. Table 2 lists the Professional Travel recipients.

Allocation for 2011-2012: \$400,000

B. Facilitating Services Fund

The Facilitating Services Fund is used to support the research, instruction and public service missions of the University units that generated overhead revenue.

The fund is allocated in proportion to the overhead revenue generated by each of the units.

Effective FY 1999, the Deans and Directors of the units were granted the authority to expend these funds at their own discretion.

Allocation

A total of \$23,249,664 was allocated to the fund. Table 3 lists the distribution by unit.

Allocation for 2011-2012: \$22,406,594

C. Project Development Fund

The Project Development Fund is used to facilitate research and training in new or developing fields, provide matching funds for the acquisition of research equipment, and to promote participation in professional organizations.

Allocation

\$9,078,919 was allocated to the Manoa Vice Chancellor for Research to facilitate research and training in new or developing fields. The Vice Chancellor made 96 awards totaling \$14,418,428.69. Table 4 lists the Project Development Fund recipients.

\$0 was allocated to the fund of Innovative Scholarship And Creative Works by the Vice Chancellor for Research.

\$0 was allocated to the Research Relations fund by the Vice Chancellor for Research. The URC received applications totaling \$0. The Council approved funding for projects totaling \$0. Table 5 lists the Research Relations Fund recipients (Not applicable).

\$0 was allocated to the Undergraduate Summer Research by the Vice Chancellor for Research. The Vice Chancellor for Research received applications totaling \$0 and made awards totaling \$0. Table 6 lists the Undergraduate Summer Research recipients (Not applicable).

\$1,500 was allocated to the Student Excellence in Research Awards by the Vice Chancellor for Research. The Vice Chancellor for Research received 8 nominations and made 6 awards totaling \$1,500. Table 6-A lists the Student Excellence in Research Awards recipients.

Allocation for 2011-2012: \$10,219,354

D. Vice President for Research Allocation:

A total of \$3,910,543 was allocated to the Vice President for Research and funds were allocated for the following:

The Vice President for Research made 27 awards totaling \$3,689,873.79 in support of programs summarized in Table 7.

The following amounts were designated for research infrastructure, \$8,054,888: \$3,088,500 for RCUH Management Fees, \$780,000 for High Speed Internet Connection, \$118,000 for UH Connections, \$306,142 for A-133 audit, \$3,765,246 for system wide research support.

Allocation for 2011-2012: \$11,965,431

E. Summary of Allocations, Expenditures & Commitments

	Allocation	Carry Forwards / Adjustments	Total Available	Expenditures FY 2010-2011	Committed to be Spent	Available Balance
SEED Money	-		-	-	-	-
Professional Travel	350,000	112,584	462,584	237,095	225,489	-
Facilitating Services	23,249,664	-	23,249,664	10,191,415	13,058,249	-
Project Development Fund						
Vice Chancellor for Research	9,078,919	2,731,254	11,810,173	7,003,635	4,806,538	-
Research Relations SEED Grants	-		-		-	-
Innovative Scholarship & Creative Works	-		-		-	-
Undergraduate Summer Research	-		-		-	-
Student Excellence in Research Awards	1,500	-	1,500	1,500	-	-
Research Relations Fund	-	-	-	-	-	-
Vice President for Research	3,910,543	1,414,562	5,325,105	4,432,035	893,070	-
Research Infrastructure	8,054,888		8,054,888	7,648,151	406,737	-
Total	44,645,514	4,258,400	48,903,914	29,513,831	19,390,083	-

II. RESULTS OF SEED MONEY AND PROFESSIONAL TRAVEL AWARDS

A. Extramural Awards to Recipients of Seed Money

Recipients of these funds are actively seeking new sources to support their research. The Revolving Fund is very important in this connection, especially for younger faculty not yet having established a track record. Once they have initiated research with seed money, they can cite initial results, and thus make a much stronger case for receiving additional support.

Results from seed money are not always immediate, but may occur some time after a seed money award. The results reported herein thus may be due to funds allocated in earlier years. The Fund was initiated in 1975.

The Research Council awards for seed money from the Revolving Fund give due consideration to the potential for generating extramural support. Faculty receiving seed money awards must indicate their plans for extramural funding to further research. During the last fiscal year, no awards were given for seed money.

B. Extramural Awards to Faculty Receiving Travel Support

The recipients of these travel awards are all productive scholars with active research agendas. The presentation of their research results at major professional meetings allows the investigators to meet with potential sponsors and exchange ideas with colleagues. It also exposes the broader professional community, including funding agencies, to the work being accomplished at the University of Hawaii, results in increased professional recognition of investigator and the University, and leads to additional funding.

Of those granted support to travel to professional meetings to present the results of research 45 received extramural funding for research/training projects totaling \$8,221,935.

III. TOTAL EXTRAMURAL SUPPORT FOR RESEARCH/TRAINING, 2010-2011

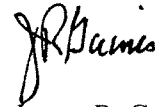
Attached are two summary tables, Table 8 for research and Table 9 for non-research and special projects, each of which gives comparative figures for awards made to the University, on a month by month basis, for this year and the past five years.

In 2010-2011, 1,070 research awards worth \$281,745,764 and 729 training awards worth \$206,852,144 were received.

CONCLUSIONS:

As summarized in this report, the Research and Training Revolving Fund is essential to the effective operation of the programs administered through this office. It is one of the most important sources of support this University has. The Governor and the Legislature should be highly commended for their foresight in establishing the Fund as an investment in the health of research and training at the University, and for the provision of the additional funds for equipment, repairs, and maintenance.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "JR Gaines". The signature is written in a cursive style with a large initial "J" and "R".

James R. Gaines
Vice President for Research

Attachments

LIST OF TABLES

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Table 2	2010-2011 Faculty Travel to Professional Conferences Awards
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Table 6-A	2010-2011 Student Excellence in Research Awards
Table 7	2010-2011 Vice President for Research Awards
Table 8	Five-Year Summary of Research Grants and Contracts Awarded
Table 9	Five-Year Summary of Non-Research and Special Projects Grants and Contracts Awarded
Table 10	Five-Year Summary of Research and Non-Research Grants and Contracts Awarded

Table 2 2010-2011 Professional Travel Awards Annual Report by Status

Group Count	PI Name	Rank	Department	Amount Awarded	Project Title
1	Ai J	I-3	FIN ECON & INS DEPT - SHIDLER COLLEGE OF BUS	\$2,000.00	An Efficiency-Based Methodology for Setting Promulgated Insurance Rates.
2	Aranda L V	I-4	LANG&LIT EUROPE&AM - C OF L L L	\$1,500.00	Shorts and Spanish: marketing identities in Hawaii.
3	Babcock M	I-3	ART & ART HISTORY DEPT - C ARTS & HUM	\$1,600.00	Deluge: A Site-Specific Collaborative Installation at the Netshed of Alderbrook Station.
4	Bacchilega C	I-5	ENGLISH DEPT - C OF L L L	\$1,000.00	Authorizing Fairy-Tale History? Disciplinary Debates and the Politics of Inequality.
5	Benham R H	S-3	KINESI & REHABILITATION SCI - C OF EDUC	\$1,733.80	"What are Kids Missing in Contemporary Youth Sport?"
6	Benjamin T	S-3	OFF OF STUDENT SERV - C OF EDUC	\$1,820.00	"Advising in Paradise! Rewards and Challenges of Advising," and "Recruiting Education Majors Mana aha? Exploring the use of Mana in the Legal Maori Corpus.
7	Boyce M	I-3	INDO PAC LANG DEPT - C OF L L L	\$1,750.00	Psychosocial and Cultural Values Related to Diet and Exercise.
8	Braginsky N	I-3	NURSING DEPT - C OF HLTH SCI & S W	\$1,850.00	Engineering Properties of Carbonate Marine Sediments.
9	Brandes H	I-4	CIVIL & ENVIRON ENGINRG DEPT - C OF ENGINRG	\$1,500.00	Development and Validation of the Student Interest-in-the-Arts Questionnaire.
10	Brandon P	I-5	CRDG - C OF EDUCATION	\$1,000.00	A New Approach to Using Inquiry Learning Strategies in the Preschool Setting.
11	Brennan C A	CRDG	CRDG - C OF EDUCATION	\$1,000.00	Vector Transmission of a Plant a Plant-pathogenic Bacterium Sharing Ecological and Using Diffuse Reflectance Spectroscopy to Assess Soil Total Carbon in Agricultural Soils of Chaplin's Slapstick and the Idea of Bodily Intelligence.
12	Bressan A	I-3	PLT&ENVIRON PROT SCI - C OF TA & HR	\$1,600.00	Ki Ho'alu as Mana: Ethos, Music, and Hawaiian Rhetoric.
13	Bruiland G L	I-3	NAT RES&ENVIRON MGMT - C OF TA & HR	\$1,545.00	"Free Grindz"
14	Caron J E	I-5	ENGLISH DEPT - C OF L L L	\$1,000.00	"Practices, Processes and Positions: The Co-Construction of Value Networks"
15	Carroll J	I-5	ENGLISH DEPT - C OF L L L	\$1,000.00	Teaching the Appropriate Portuguese Vocabulary: What the Research Suggests.
16	Chan G	I-5	ART & ART HISTORY DEPT - C ARTS & HUM	\$1,000.00	Minocycline protects against WNV-associated encephalitis in mice.
17	Chandler J D	I-3	MARKETING DEPT - SHIDLER COLLEGE OF BUS	\$2,000.00	Difference and Harmony: What Difference Does Chinese Philosophy Make?
18	Chandler P M	I-5	LANG&LIT EUROPE&AM - C OF L L L	\$1,000.00	
19	Chapagain M L	R-3	TR MED-MED MCR DEPT - C OF HLTH SCI & S W	\$1,500.00	
20	Cheng C-Y	I-5	PHILOSOPHY DEPT - C ARTS & HUM	\$1,000.00	

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Group Count	PI Name	Rank	Department	Amount Awarded	Project Title
21	Christ T W	S-3	CTR ON DISABILITY STUDIES - C OF EDUCATION	\$1,500.00	" Transformative Mixed Methods and Action Research: Are They One Methodology?" and "
22	Chu P-S	I-5	METEOROLOGY - SCH O&ES&T	\$1,000.00	Bayesian Analysis for Extreme Events.
23	Clayton CH	I-3	ASIAN STUDIES - SCH OF P&AS	\$1,705.00	Provincializing Europe in China's Borderlands. Thermoregulatory and Cardiovascular Responses
24	Cleary M A	I-4	KINESI & REHABILITATION SCI - C OF EDUC	\$1,500.00	to Intermittent, Superficial Cooling During
25	Coffman M	I-3	URB & REG PLAN DEPT - C OF SOC SCI	\$1,550.00	"Assessing Hawaii's Clean Energy Options"
26	Cole K S	I-4	ZOOLOGY DEPT - C OF NAT SCI	\$1,000.00	How does a gonad get from here to there? An American JFL Learner's Speech Style Shift
27	Cook H	I-5	E A LANG & LIT DEPT - C OF L L L	\$1,000.00	during Study Abroad in Japan: A Case Study. Evidence-Based Practices in Special Education:
28	Cook L	I-4	SPECIAL EDUC DEPT - C OF EDUC	\$1,425.00	Where are We in 2011? A warming Tropical Mountain: C3 and C4 Grass
29	Daehler C	I-5	BOTANY DEPT - C OF NAT SCI	\$1,000.00	Distribution Changes Along an Elevation Don't Deport our Daddies: Gendering State
30	Das Gupta M	I-4	ETHNIC STUDIES DEPT - C OF SOC SCI	\$1,250.76	Deportation Practices and Anti Deportation Collective Action Around Urban Water Supply:
31	Das P	I-3	URB & REG PLAN DEPT - C OF SOC SCI	\$1,550.00	Does Gender Matter?
32	Deen K	I-4	LINGUISTICS DEPT - C OF L L L	\$1,600.00	Reversible Quantifiers in Adult and Child Thai. Learning in Enterprise System Support:
33	Deng X (Nancy)	I-3	INFO TECH. MGMT. DEPT - SHIDLER COLLEGE OF BUS	\$2,000.00	Specialization, Task Type and Network Twitter, Furlough Fridays, and Protest: How New
34	Desser D	I-4	ENGLISH DEPT - C OF L L L	\$1,800.00	Social Media are Changing Citizen Rhetorical Differences in the Development of Analogy
35	Doumas L	I-3	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,700.00	across Cultures: A Computational Account. Summer warming trends, heat waves and health
36	Dousset B	R-3	HI INST OF GEOP-PLTY - SCH O&ES&T	\$2,000.00	impact in the Paris metropolitan area. Visual Subliminal Primes Affect Vowel
37	Drager K	I-3	LINGUISTICS DEPT - C OF L L L	\$1,400.00	Perception.
38	Drexler D	I-5	ART & ART HISTORY DEPT - C ARTS & HUM	\$1,500.00	Planning Entropy. Degradation of commercial Li-ion cells based on
39	Dubarry M	R-3	HAW NAT ENERGY INST - SCH O&ES&T	\$1,500.00	composite cathodes. Bringing a Historical Context to Age at
40	Duldulao A A	I-3	SCH SOC WORK - C OF HLTH SCI & S W	\$2,000.00	Migration: Predicting Self-Rated Mental Health

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41	Fares A	I-5	NAT RES&ENVIRON MGMT - C OF TA & HR	\$1,000.00	Soil Water Content Monitoring Sensors, a Vital Technology for a Successful Integrated Water
42	Ferguson K E	I-5	POLITICAL SCI DEPT - C OF SOC SCI	\$1,000.00	"Getting Radical"
43	Fisher E	I-5	THEATRE & DANCE DEPT - C ARTS & HUM	\$1,000.00	"Hexentanz"
44	Franklin C	I-5	ENGLISH DEPT - C OF L L L	\$1,500.00	"The Evidentiary Power of Grief in A Girl Like Me: The Gwen Araujo Story"
45	Frazier B N	I-3	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,500.00	"How Much would People Pay for Dorothy's Ruby Slippers?" Developing an Appreciation for Mentoring Stories: A Process of Learning and Becoming.
46	Freese A R	S-5	CURRICULUM STUDIES - C OF EDUC	\$2,000.00	Restoration of Native Upland Acacia Koa Forests in Hawaii.
47	Friday J B	S-4	NAT RES&ENVIRON MGMT - C OF TA & HR	\$1,500.00	"Empire Eroded by Whispers: Anticolonial Cartography and the Fragile Fictions of Empire"
48	Fujikane C L	I-4	ENGLISH DEPT - C OF L L L	\$1,000.00	Ribosomal Tag Pyrosequencing and Microbial Community Analysis: An Extant Example.
49	Gaidos E	I-5	GEOLOGY & GEOPHYSICS - SCH O&ES&T	\$1,300.00	
50	Garcia M O	I-5	GEOLOGY & GEOPHYSICS - SCH O&ES&T	\$1,180.00	Historical Kilauea very explosive eruptions. The Autobiographical 'Evasion' and the Female Development of a Low Cost Point Absorber
51	Gameau M-C	I-5	LANG&LIT EUROPE&AM - C OF L L L	\$1,300.00	Wave Energy Converter for Electric Mobility.
52	Ghorbani R	I-3	MECH ENGINRG DEPT - C OF ENGINRG	\$2,000.00	Sleep and Organizational Citizenship Behavior: Good Soldiers Need a Good Night of Sleep.
53	Ghumman S	I-3	MGMT & IR DEPT - SHIDLER COLLEGE OF BUS	\$900.00	Tourism and Militarism in U.S.-Philippine Cultural Politics.
54	Gonzalez V	I-3	AMER STUDIES DEPT - C ARTS & HUM	\$1,224.00	"Exploring Openings and Closings in Audio, Video and Text CMC" and "The Many Faces of Opposing 'Origins': Debating the Early Filipino Settlement of New Orleans.
55	Gonzalez-Lloret M	I-3	LANG&LIT EUROPE&AM - C OF L L L	\$1,178.63	Conflict Resolution in Water Allocation Among Multiple Stakeholders: The Case of Hawaii.
56	Gonzalves T S	I-4	AMER STUDIES DEPT - C ARTS & HUM	\$1,000.00	Take Notice of Safe: (Recycled Organism) A Solo Exhibition of Digital Prints, Drawings,
57	Gopalakrishnan C	R-5	NAT RES&ENVIRON MGMT - C OF TA & HR	\$1,231.39	Algebraicity of Weight Zero Weak harmonic Maass Forms.
58	Groeniger S	I-3	ART & ART HISTORY DEPT - C ARTS & HUM	\$1,800.00	Reconciling Giant Planet Formation with the Origin and Impact History of the Parent Bodies of
59	Guertzoy P	I-4	MATHEMATICS DEPT - C OF NAT SCI		
60	Haghighipour N	R-4	INST FOR AST - RES & DEAN OF GRAD DIV		

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61	Halbert D	I-4	POLITICAL SCI DEPT - C OF SOC SCI	\$1,226.00	Exporting Authenticity: The Construction of National Cultural Identity.
62	Halliday T J	I-3	ECONOMICS DEPT - C OF SOC SCI	\$1,315.00	Undocumented Migration with Endogenous Coyote Prices.
63	Harwit E	I-5	ASIAN STUDIES - SCH OF P&AS	\$1,000.00	"Comparative Development of the Mobile Internet in China and Japan: Key Trends Shaping the Systematics and Evolution of Neotropical Apple Snails (Caenogastropoda: Ampullariidae).
64	Hayes K A	R-3	PAC BIRS CT - RES & DEAN OF GRAD DIV	\$1,239.40	"Evaluation Instruments for Assessing the Performance of School Leadership Candidates"
65	Heck R H	I-5	EDUC ADMIN DEPT - C OF EDUC	\$1,000.00	Rapid Fluctuation in the Detection of Genital HPV in Male-Female Couples.
66	Hernandez B	I-3	CANCER CT HI - RES & DEAN OF GRAD DIV	\$1,500.00	"Rock magnetic studies and absolute paleointensity determination of the Dacite of the Galapagos Tectonics and Evolution.
67	Herrero-Bervera E	R-5	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,000.00	When Local & Global Scapes Collide: Reterritorializing English in East Africa.
68	Hey R	R-5	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,400.00	"Judah I. Abrahams: The Pilgrim's Progress of a Georgian Convert and Traveler"
69	Higgins C	I-4	SECOND LANG STUDIES - C OF L L L	\$1,000.00	Mental Health and Substance Use Outcomes of Early Child Abuse: A Latent Profile Analysis.
70	Hoffenberg P H	I-4	HISTORY DEPT - C ARTS & HUM	\$1,800.00	Mana Wahine (Female Empowerment) and Hawaiian Literary Nationalism.
71	Hong S	I-3	SCH SOC WORK - C OF HLTH SCI & S W	\$1,275.00	Distance Teaching and Learning in LCTL Language is Coming Closer to You.
72	Ho'omanawanui S K	I-3	ENGLISH DEPT - C OF L L L	\$1,500.00	Closing Gala Concert with Festival Symphony Orchestra Conducted by Jose-Luis Mauritua.
73	Hoonchamlong Y	I-4	INDO PAC LANG DEPT - C OF L L L	\$2,000.00	"Needing Permission to Write: Human Subject Research"
74	Hoover M	I-3	MUSIC DEPT - C ARTS & HUM	\$900.00	Foreign Investment vs. State Ownership: Is There a Political Pressure? The Illustrative Case of Impressions of the Overweight: Do Perceptions Change as a Function of Weight Loss.
75	Howes W C	I-5	ENGLISH DEPT - C OF L L L	\$1,000.00	Disparities in Pregnancy Outcomes by Payer Status in Hawaii: 2005-2009.
76	Huang W	I-4	FIN ECON & INS DEPT - SHIDLER COLLEGE OF BUS	\$1,500.00	Hawaii: A Pacific Crossroads for Distance Education.
77	Hubbard A	I-5	COMMUNICOLOGY - C ARTS & HUM	\$1,000.00	What is the Psychology to be Overcome?: A Comparative Analysis of Nishida, James, and
78	Hurwitz E	I-4	PUB HLTH SCI DEPT - C OF HLTH SCI & S W	\$1,500.00	
79	Iding M	I-5	EDUC PSYCHOLOGY DEPT - C OF EDUC	\$1,000.00	
80	Ishida M	I-3	PHILOSOPHY DEPT - C ARTS & HUM	\$1,400.00	

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81	Jaeso P	I-5	INFO & COMP SCI DEPT - C OF NAT SCI	\$1,000.00	Bibliometric Information Services for Research Productivity and Impact Indicators Using Cited Geologic CO2 Sequestration Experiments with Hawaiian Picritic Basalts.
82	Johnson K	R-5	GEOLOGY & GEOPHYSICS - SCH O&ES&T	\$1,000.00	"The Rise of Wessex Seen Through Northumbrian
83	Jolly K L	I-4	HISTORY DEPT - C ARTS & HUM	\$1,500.00	Eyes"
84	Jones R	I-3	GEOGRAPHY DEPT - C OF SOC SCI	\$1,800.00	Rethinking Resistance at the Border. Extending Terrestrial Spatial Pattern Metrics to the Marine Realm.
85	Jorgensen S	I-3	GEOGRAPHY DEPT - C OF SOC SCI	\$2,000.00	Optimal Mechanisms for Dividing a Dollar Under Ordinal Reports.
86	Juarez R	I-3	ECONOMICS DEPT - C OF SOC SCI	\$2,000.00	Advance Directives and Decision-Making - API Family Caregivers of Hemodialysis Patients.
87	Kataoka-Yahiro M R	I-4	NURSING DEPT - C OF HLTH SCI & S W	\$1,438.99	Rapid Global Invasion by Quadrastichus Erythrinae (Eulophidae,) the Erythrina Gall Wasp
88	Kaufman L V	R-2	PLT&ENVIRON PROT SCI - C OF TA & HR	\$1,562.00	
89	Kent G	I-5	POLITICAL.SCI DEPT - C OF SOC SCI	\$1,000.00	Ending Hunger Worldwide.
90	Khan U A	I-3	ENGLISH DEPT - C OF L L L	\$1,350.00	Consequences of War in a Literature of Conflict Course.
91	Kim A S	I-4	CIVIL & ENVIRON ENGINRG DEPT - C OF ENGINRG	\$1,300.00	Permeability Calculation of Sphere-Packed Porous Media Using Dissipative Hydrodynamics Family Financial Challenges, Resilience and
92	Kim J-Y	S-3	CTR ON THE FAMILY - C OF TA & HR	\$1,468.00	Youth Adjustment in Low-Income Asian A Usage-based Study of the Korean Adverb kunyang In Spoken Discourse.
93	Kim M S	I-3	E A LANG & LIT DEPT - C OF L L L	\$2,000.00	Fortified Food for the Poor: Politics of Nutrition
94	Kimura A	I-3	WOMENS STUDIES PROG - C OF SOC SCI	\$1,627.00	and Gender In Indonesia.
95	Kimura E	I-3	POLITICAL.SCI DEPT - C OF SOC SCI	\$1,515.00	The Limits of Cascade: Transitional Justice in Southeast Asia.
96	Kobayashi K	R-4	TROP PLAN&SOIL SCI - C OF TA & HR	\$1,000.00	"Use of Light-Emitting Diodes In Anthurium and Orchid Micropropagation" and "Utilizing Deep and Wide: ASEAN Foreign Direct Investment Responds to Crisis.
97	Konan D E	I-5	ECONOMICS DEPT - C OF SOC SCI	\$750.00	
98	Korth J	I-3	MUSIC DEPT - C ARTS & HUM	\$1,868.00	Songs of Johannes Brahms and Hugo Wolf. Where do we go from here? The Limits of the
99	Krishna S	I-5	POLITICAL.SCI DEPT - C OF SOC SCI	\$1,000.00	Post in Critiques of IR Theory New Possibilities for Dark Matter Searches at
100	Kumar J	I-3	PHYSICS & ASTRO DEPT - C OF NAT SCI	\$897.08	Neutrino Detectors.

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Group Count	PI Name	Rank	Department	Amount Awarded	Project Title
101	La Croix S	I-5	ECONOMICS DEPT - C OF SOC SCI	\$1,000.00	The Political Economy of Land Privatization in Australia and Argentina: 1810-1856.
102	Labrador R	I-3	ETHNIC STUDIES DEPT - C OF SOC SCI	\$1,729.00	"Overlapping Architectures: Indigenety, Racialization, and Multiculturalism in Hawaii: A so-called "improved" evaluation method viewed through an indigenous lens.
103	Lai M K		CRDG - C OF EDUCATION	\$1,000.00	Chinese Identity and Cantonese Opera Clubs in Hawaii.
104	Lau F	I-5	MUSIC DEPT - C ARTS & HUM	\$1,000.00	" In Vivo Expression and Maturation of the Human ABC6 and its PXE-mutants in Mice
105	Le Saux O	I-3	CELL & MOLECULAR BIOLOGY - C OF HLTH SCI & S W	\$1,350.00	Moving Histories: The Use of Interactivity in the Examination of History.
106	Lee C H	I-3	ART & ART HISTORY DEPT - C ARTS & HUM	\$2,000.00	"Size Reduction of an AMC Unit Cell with Wide Reflection-Phase Bandwidth" and " A International Cello recitals at Rudolf Steiner House in London, UK and the concert hall of the "Informal Adult Online Learning: More Than Technical Savvy" and "Creating a Knowledge Consumer Evaluations of the Phase Change Materials.
107	Lim S	I-3	ENGINRG DEANS OFF - C OF ENGINRG	\$1,940.00	Mana from Heaven: The Essential Structure of the Lived Experiences of Nurse-Midwives with the Tell Timal Egypt 2010 Season.
108	Lin I-B	I-4	MUSIC DEPT - C ARTS & HUM	\$1,500.00	Decomposing Short-term Return Reversal. Class Teaching Demonstration-Early Childhood Music.
109	Lin M-F G	I-3	EDUC TECHNOLOGY - C OF EDUC	\$1,500.00	" What Kind of Leadership Do We Need In Creating a Culture of Peace for the 21st
110	Lin S H	I-3	FAMILY&CONSUMER SCI - C OF TA & HR	\$1,700.00	"Splitting the Native Tongue: Tagalog Poetry in Largely English-Speaking Community -- A Track Routing Optimizing Timing and Yield. Transitioning Beyond Western Traditions:
111	Linhares C H	I-3	NURSING DEPT - C OF HLTH SCI & S W	\$1,000.00	\$845.00 Cultural Perceptions of IPV . Mechanics of Sheeting Joint Formation in Three Dimensions.
112	Littman R J	I-5	LANG&LIT EUROPE&AM - C OF L L L	\$1,500.00	"Mapping Power in Early Modern France: Political Understories in the Franche-Comte"
113	Liu Q	I-3	FIN ECON & INS DEPT - SHIDLER COLLEGE OF BUS	\$1,623.00	
114	Loong C-Y	I-4	MUSIC DEPT - C ARTS & HUM	\$2,000.00	
115	Lum B J	I-4	EDUC FOUNDATIONS - C OF EDUC	\$1,500.00	
116	Mabanglo R	I-4	INDO PAC LANG DEPT - C OF L L L	\$750.00	
117	Macciarulo L	I-3	ELECT ENGINRG DEPT - C OF ENGINRG	\$1,989.00	
118	Magnussen L	I-5	NURSING DEPT - C OF HLTH SCI & S W	\$845.00	
119	Martel S	I-5	GEOLOGY & GEOPHYSICS - SCH O&ES&T	\$1,000.00	
120	Matteson C K	I-3	HISTORY DEPT - C ARTS & HUM	\$1,400.00	

Table 2 2010-2011 Professional Travel Awards Annual Report by Status

Group Count	PI Name	Rank	Department	Amount Awarded	Project Title
121	Maynard A E	I-4	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,411.00	Anthropological and Psychological Notions of Children's Agency: The Case of Maya Sibling
122	McHenry R	I-5	ENGLISH DEPT - C OF L L L	\$750.00	"Moliere Improved: Dryden's Amphitryon" Teaching Film Music in the Undergraduate Liberal Arts College Setting.
123	McQuiston K	I-3	MUSIC DEPT - C ARTS & HUM	\$1,500.00	Analysis of technology Mediated Biological Control in Island Ecosystems:
124	Medina R A	I-5	LANG TELECOMM CTR - C OF L L L	\$1,000.00	Representational Practice in the Science of technology
125	Messing R H	I-5	PLT&ENVIRON PROT SCI - C OF TA & HR	\$1,000.00	Biological Control in Island Ecosystems:
126	Miura T	I-4	NAT RES&ENVIRON MGMT - C OF TA & HR	\$1,000.00	Challenges in a Rapidly Changing World.
127	Moore G F	R-5	GEOLOGY & GEOPHYSICS - SCH O&ES&T	\$1,500.00	Compatibility Analysis of Multi-sensor Vegetation Indices Using EO-1 Hyperion Data.
128	Morgan C F	I-4	KINESI & REHABILITATION SCI - C OF EDUC	\$1,000.00	Evolution of Tectono-Sedimentary Systems In the Physical Education's Role in Public Health: A 20 Year Retrospective.
129	Nachtigall P E	R-5	HAW INST OF MAR BIO - SCH O&ES&T	\$1,000.00	Year Retrospective.
130	Nakajima S	I-3	SOCIOLOGY DEPT - C OF SOC SCI	\$1,000.00	Critical bandwidths in echolocating porpoises, dolphins and whales.
131	Nakamura B J	I-3	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,530.00	Toward a New Sociology of Film Directors: A Case Study of Xie Jin as Cinematic Auteur.
132	Nerurkar P V	I-4	MOL BIOSCI&BIOSYS EG - C OF TA & HR	\$1,522.00	All Shapes and Sizes: Knowledge of and Attitudes Towards Evidence-Based Practices in Anti-obesity and Anti-diabetic Mechanisms of
133	Ng K	I-3	ACADEMY FOR CREATIVE MEDIA - C ARTS & HUM	\$2,000.00	Ayurvedic Medicine Momordica Charantia (Bitter New Media Consumption and Production as
134	Nicholson P G	I-4	CIVIL & ENVIRON ENGINRG DEPT - C OF ENGINRG	\$1,608.00	Asian American Civic Engagement. Investigation & Identification of Subsidence
135	Noy I	I-4	ECONOMICS DEPT - C OF SOC SCI	\$1,200.00	Problems at Hilo Harbor, Hawaii Using Inflation Targeting and Real Exchange Rates in Emerging Markets.
136	Okada E M	I-4	MARKETING DEPT - SHIDLER COLLEGE OF BUS	\$1,344.00	"The Individual and Social Benefits of Green Products"
137	O'Malley L D	I-5	THEATRE & DANCE DEPT - C ARTS & HUM	\$1,400.00	"Greatness Has No Boundaries": May Miller's Plays of the African Diaspora"
138	O'Neill T	I-3	CURRICULUM STUDIES - C OF EDUC	\$1,600.00	"Building Critical Partnerships: The Process of Developing, Designing and Maintaining a Course Examination of permanent deformation models
139	Ooi P	I-4	CIVIL & ENVIRON ENGINRG DEPT - C OF ENGINRG	\$1,500.00	for use on a recycled concrete aggregate, a virgin The Chu Dialect in Chu Manuscripts:
140	Park H	I-3	E A LANG & LIT DEPT - C OF L L L	\$1,688.00	Methodological Considerations.

Table 2 2010-2011 Professional Travel Awards Annual Report by Status

Group Count	PI Name	Rank	Department	Amount Awarded	Project Title
141	Park M-J	I-3	E A LANG & LIT DEPT - C OF L L L	\$1,600.00	Degree of politeness projected through the Korean spatial deixis.
142	Pauka K	I-5	THEATRE & DANCE DEPT - C ARTS & HUM	\$1,000.00	Changing Gender Roles In Indonesian Theatre. Fantasies of Inclusion and the Reality of
143	Payne P D	I-4	ENGLISH DEPT - C OF L L L	\$1,800.00	'Democratizing' Technologies: Social News and Unequal Justice: Racial Politics & the Rise of
144	Perkinson R	I-4	AMER STUDIES DEPT - C ARTS & HUM	\$1,746.71	Mass Incarceration in the Post-civil Rights Era. Study of Trade Wind Clouds Using Ground Based
145	Porter J	R-4	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,500.00	Stereo Cameras.
146	Quintana B J	I-3	LANG&LIT EUROPE&AM - C OF L L L	\$896.00	"Tocan a guerra." jubilo y violencia al son de la musica en las comedias de Indias.
147	Ratliffe K	I-3	EDUC PSYCHOLOGY DEPT - C OF EDUC	\$1,680.00	"Effective Strategies for Teaching Pacific Island Educators" and " Factors in Access to Education
148	Reilly A	I-3	FAMILY&CONSUMER SCI - C OF TA & HR	\$2,000.00	Personality Inference Via Diamond Shape.
149	Rieder J	I-5	ENGLISH DEPT - C OF L L L	\$750.00	"John Henry Palmer's the Invasion of New York; or, How Hawaii was Annexed: Political Development of Performance Based Tsunami
150	Robertson I N	I-5	CIVIL & ENVIRON ENGINRG DEPT - C OF ENGINRG	\$1,000.00	Engineering PBTE.
151	Robertson S	I-4	INFO & COMP SCI DEPT - C OF NAT SCI	\$1,000.00	Change in Referents and Emotions Over Time in Election-Related Social Networking Dialog.
152	Rolett B V	I-5	ANTHROPOLOGY DEPT - C OF SOC SCI	\$1,000.00	Holocene sea-Level change and Neolithic cultural response in southeast China.
153	Romaniello M P	I-3	HISTORY DEPT - C ARTS & HUM	\$1,329.00	"Exasperating Exchanges: Russia's Commercial Regulations Between Europe and Asia"
154	Rubimoff D	I-4	PLT&ENVIRON PROT SCI - C OF TA & HR	\$2,000.00	The Mysterious Systematics and Conservation of Hawaii's Endemic Omiodes (Crambidae).
155	Saethre E	I-3	ANTHROPOLOGY DEPT - C OF SOC SCI	\$1,421.00	Gelling Medical Knowledge in a Microbicide Trial: Innovative Pharmaceuticals, Experience, Many Stories, One Journey: Literary Translation in the Philippines.
156	Santiago L Q	I-3	INDO PAC LANG DEPT - C OF L L L	\$1,800.00	Processing Contrast Versus Implicature: The Role of Intonation and Discourse.
157	Schafer A	I-4	LINGUISTICS DEPT - C OF L L L	\$1,415.00	Broadening Student Learning Experiences Through Inductive Teaching: An Approach to "An Ongoing Whose Plot Cannot Find the Door:"
158	Schiffner A L	I-3	THEATRE & DANCE DEPT - C ARTS & HUM	\$1,400.00	Narrative Strategies in Alzheimer's Literature.
159	Schultz S M	I-5	ENGLISH DEPT - C OF L L L	\$1,000.00	"Does linear distance explain L2 (in) sensitivity to agreement violations in online processing?"
160	Schwartz B D	I-5	SECOND LANG STUDIES - C OF L L L		

Table 2 2010-2011 Professional Travel Awards Annual Report by Status

Group Count	PI Name	Rank	Department	Amount Awarded	Project Title
161	Shankar S	I-5	ENGLISH DEPT - C OF L L L	\$1,000.00	Postcolonialism, the Vernacular and Literatures of the World.
162	Shapiro M J	I-5	POLITICAL SCI DEPT - C OF SOC SCI	\$1,000.00	The Presence of War: Articulated in Diverse Artistic Genres.
163	Sharkey W F	I-5	COMMUNICOLOGY - C ARTS & HUM	\$800.00	The Proclivity to Intentionally Embarrass Scale (PIE Scale): An Initial Validation and Causal "No Borders Movements as Transnational Labor Movements"
164	Sharma N	I-4	SOCIOLOGY DEPT - C OF SOC SCI	\$1,500.00	Rule Interaction, blocking and Derivation in Panini.
165	Sharma R N	I-5	INDO PAC LANG DEPT - C OF L L L	\$500.00	Functional Impact of Autism Spectrum Disorders on Young Children and Their Families.
166	Sheehy P	I-4	SPECIAL EDUC DEPT - C OF EDUC	\$1,250.00	Mentoring Stories: A Process of Learning and Becoming in the Field of Special Education.
167	Shiraki-Sakaino C	S-2	SPECIAL EDUC DEPT - C OF EDUC	\$2,000.00	"Are Grunters Cheaters? The Effects of Grunting When Judging the Direction a Tennis Shot" and "
168	Sinnett S	I-3	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,700.00	When Judging the Direction a Tennis Shot" and "
169	Stanton J	I-5	AMER STUDIES DEPT - C ARTS & HUM	\$1,000.00	Painting Baseball.
170	Steinhoff P G	I-5	SOCIOLOGY DEPT - C OF SOC SCI	\$800.00	Identity, Movement Networks and the State: Exit Strategies of Armed Activists in the U.S. and Evaluation of the Tenderness, Size, and Marbling of Forage-Finished Ribeye Steaks Produced in Predictive Information, Memory and Dissipation
171	Stevenson M H	I-5	HUM NUTR,FD&ANML SCI - C OF TA & HR	\$877.00	of Forage-Finished Ribeye Steaks Produced in Predictive Information, Memory and Dissipation
172	Still S	I-3	INFO & COMP SCI DEPT - C OF NAT SCI	\$1,143.60	in an Adapting Markov System Far from Monitoring School Progress Toward Meeting Performance Goals: Comparing Two Alternative Aquaponic Research Education and Outreach: Visioning Teachers and the Good Society: Inclusion and Exclusion Among Asian First Step to Success in Hawaii Preschools: A Targeted Intervention for Children with Minor Institutional Knowledge Transfer Across Generations, Disciplines, and Culture: What to Repair in request sequence during teacher-student interactions in Japanese.
173	Takanishi S M	I-2	INSTITUTE FOR TEACHER EDUCATION - C OF EDUC	\$1,000.00	Monitoring School Progress Toward Meeting Performance Goals: Comparing Two Alternative Aquaponic Research Education and Outreach: Visioning Teachers and the Good Society: Inclusion and Exclusion Among Asian First Step to Success in Hawaii Preschools: A Targeted Intervention for Children with Minor Institutional Knowledge Transfer Across Generations, Disciplines, and Culture: What to Repair in request sequence during teacher-student interactions in Japanese.
174	Tamaru C S	S-5	MOL BIOSCI&BIOSYS EG - C OF TA & HR	\$1,487.00	How the Aquaculture Extension Program of the Visioning Teachers and the Good Society: Inclusion and Exclusion Among Asian First Step to Success in Hawaii Preschools: A Targeted Intervention for Children with Minor Institutional Knowledge Transfer Across Generations, Disciplines, and Culture: What to Repair in request sequence during teacher-student interactions in Japanese.
175	Tamura E H	I-5	EDUC FOUNDATIONS - C OF EDUC	\$1,000.00	How the Aquaculture Extension Program of the Visioning Teachers and the Good Society: Inclusion and Exclusion Among Asian First Step to Success in Hawaii Preschools: A Targeted Intervention for Children with Minor Institutional Knowledge Transfer Across Generations, Disciplines, and Culture: What to Repair in request sequence during teacher-student interactions in Japanese.
176	Tanaka N L R	S-2	CTR ON DISABILITY STUDIES - C OF EDUCATION	\$1,200.00	Targeted Intervention for Children with Minor Institutional Knowledge Transfer Across Generations, Disciplines, and Culture: What to Repair in request sequence during teacher-student interactions in Japanese.
177	Tao J L	I-4	PUBLIC ADMIN - C OF SOC SCI	\$1,300.00	Generations, Disciplines, and Culture: What to Repair in request sequence during teacher-student interactions in Japanese.
178	Tateyama Y	I-3	E A LANG & LIT DEPT - C OF L L L	\$1,000.00	interactions in Japanese.
179	Tavares H M	I-4	EDUC FOUNDATIONS - C OF EDUC	\$900.00	Photographic Pedagogies and the Ethnic Archive. Observations Concerning the Differences in Ceramic Education in the West and the East.
180	Taylor B E	I-3	ART & ART HISTORY DEPT - C ARTS & HUM	\$2,000.00	Ceramic Education in the West and the East.

Table 2 2010-2011 Professional Travel Awards Annual Report by Status

Group Count	PI Name	Rank	Department	Amount Awarded	Project Title
181	Tengan T	I-4	ANTHROPOLOGY DEPT - C OF SOC SCI	\$1,750.00	Hawaiian Soldiering: Indigenous Circuits through American Empire.
182	Thau E M	I-3	LANG&LIT EUROPE&AM - C OF L L L	\$1,006.00	"El Regreso: Documentary Interpretation of a Literary Journey"
183	Tiirikainen M	S-4	CANCER CT HI - RES & DEAN OF GRAD DIV	\$1,000.00	Integrated analysis of microRNA and mRNA expression in microsatellite-stable colon cancer
184	Torralba J A (Tony)	I-3	CURRICULUM STUDIES - C OF EDUC	\$1,850.00	"Empirical Images of Scientists, their Representational Systems and their Joint Deliberative Strategies for Planning Controversies
185	Umemoto K	I-5	URB & REG PLAN DEPT - C OF SOC SCI	\$700.00	Rooted in Cultural Differences.
186	Vicic D	I-4	CHEMISTRY DEPT - C OF NAT SCI	\$1,500.00	Decarboxylative Trifluoromethylation of Aryl Halides Using Well-Defined Copper-Trouble in Paradise: Managing Varroa Destructor
187	Villalobos E M	R-2	PLT&ENVIRON PROT SCI - C OF TA & HR	\$1,900.00	in Hawaii.
188	Vitiello G	I-4	E A LANG & LIT DEPT - C OF L L L	\$1,500.00	"The Emergence of Modern Sexuality: Representations of the Female Impersonator In
189	Vovin A	I-5	E A LANG & LIT DEPT - C OF L L L	\$1,000.00	Silla Placenames In the Samkwuk Saki.
190	Wang C H (George)	I-3	ACADEMY FOR CREATIVE MEDIA - C ARTS & HUM	\$1,500.00	" Bringing Laughter in Changing Times: Comedy Cinema of Taiwan" and "Taiwan's King of
191	Wang H	I-3	E A LANG & LIT DEPT - C OF L L L	\$1,550.72	A reinvestigation of aspects of v-qilai: An approach from "Aspectual Composition"
192	Wang H	S-3	CANCER CT HI - RES & DEAN OF GRAD DIV	\$1,290.00	A Genome-wide Admixture Mapping Panel for Native Hawaiians.
193	Wang K-H	R-3	PLT&ENVIRON PROT SCI - C OF TA & HR	\$2,000.00	Sunn Hemp Cover Cropping and Solarization as Alternatives to Soil Fumigation for Pineapple
194	Ward M A	I-4	ANAT, BIOCHEM, PHYSIOL & REPRO BIOL - C OF HLTH SCI & S W	\$1,500.00	How Much of the Y Chromosome Do You Need to Make an Embryo?
195	Wen H	I-3	TIM DEANS OFF - SCH OF TIM	\$1,200.00	A Structural Equation Model of Effects of Information Sources, Socio-Cultural Preferences
196	Wessendorf M	I-4	THEATRE & DANCE DEPT - C ARTS & HUM	\$975.00	"The Judith of Shimoda: An Introduction to Brechtian Performance"
197	Wichmann-Walezak E	I-5	THEATRE & DANCE DEPT - C ARTS & HUM	\$1,079.00	Li Yuru and Her Male Teachers--Gender and Performance in "The Favorite Concubine Recruitment of Asian Pacific Islanders Into a
198	Wong L	I-2	NURSING DEPT - C OF HLTH SCI & S W	\$1,000.00	Clinical Research Trial.
199	Woods R F		SCH OF LAW - SCH OF LAW	\$1,647.30	Information Discovery and NELLCO's Universal Search Solution: A Twitterpated Conversation
200	Xu Y	I-4	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,500.00	" Shyness and Psychological Adjustment in Asian, White, and Asian White Children" and "

Table 2 2010-2011 Professional Travel Awards Annual Report by Status

Group Count	PI Name	Rank	Department	Amount Awarded	Project Title
201	Yamauchi L A	I-4	EDUC PSYCHOLOGY DEPT - C OF EDUC	\$1,000.00	Instructional Conversations in Preschool Classrooms: Educators' Use of Dialogic Abundance and Genetic Diversity of E. Coli in a Tropical Watershed.
202	Yan T	I-3	CIVIL & ENVIRON ENGINRG DEPT - C OF ENGINRG	\$1,800.00	Grandchild-Grandparent Life Review: Strengthening Intergenerational Bonds.
203	Yancura L A	I-4	FAMILY&CONSUMER SCI - C OF TA & HR	\$1,413.00	An Empirical Test of Choi and Meek's Framework of Accounting System Development.
204	Yang D C	I-5	SCH OF ACCOUNTANCY - SHIDLER COLLEGE OF BUS	\$1,000.00	"Shaken or stirred?" Taking Something Plebian to Wash Down All That 'Hansik:' Recreating Doing Meaningful Things with Words: Training Teachers in an Ecological Approach to Food Blogs and Consumer Culture.
205	Yoo T J	I-4	HISTORY DEPT - C ARTS & HUM	\$300.00	Values Realizing In a Virtual World: Applications to Second Language Learning.
206	Yoshimi D R	I-4	E A LANG & LIT DEPT - C OF L L L	\$1,000.00	Chinese Overseas Investment in Times of Global Recession.
207	Zhao X	I-3	MARKETING DEPT - SHIDLER COLLEGE OF BUS	\$2,000.00	Synthesis of Dense BC3 Phases Under High-pressure and High-temperature.
208	Zheng D	I-3	SECOND LANG STUDIES - C OF L L L	\$2,000.00	"Reconciliation and/or Wishful Thinking: Folktales Adaptations and Cultural Politics in the How does lung surfactant reach very low surface tensions? New evidence from comparative AFM
209	Zhou K	I-5	POLITICAL SCI DEPT - C OF SOC SCI	\$1,000.00	
210	Zimin P	R-4	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,500.00	
211	Zuern J D	I-4	ENGLISH DEPT - C OF L L L	\$1,400.00	
212	Zuo Y	I-3	MECH ENGINRG DEPT - C OF ENGINRG	\$1,763.00	
Total				\$288,124.38	

Table 3 Data For 2010 - 2011 Distribution of Facilitating Services Fund

Department	Basis	Allocation
Accademy Creative Media	15,409.95	-
Applied Research Labortory	78,258.20	-
Cancer Research Center	4,005,907.77	2,002,954.00
Center for Disabilities Studies	1,028,568.00	514,284.00
Center for Island, Maritme, & Extreme Environment Security	313,483.23	156,742.00
Center for Microbial Oceanography: Research & Education	320,938.13	320,938.00
College of Arts & Humanities	-	-
College of Business	(5,700.35)	(2,850.00)
College of Education	262,882.42	131,441.00
College of Engineering	981,889.00	490,945.00
College of Language, Linguistics & Literature	284,444.79	142,222.00
College of Natural Sciences	2,167,448.37	1,083,724.00
College of Social Sciences	1,163,293.19	581,647.00
College of Tropical Agriculture & Human Resources	1,408,997.65	704,499.00
Continued Education & Comm Svc & Outreach	819.69	410.00
Curriculum Research Development Group	232,446.94	116,223.00
Experimental Program to Stimulate Comprehensive Research	403,852.69	-
Hawai'i Community College	123,201.54	-
Honolulu Community College	71,580.02	-
Information Technology Services	2,058,494.75	1,029,247.00
Institute For Astronomy	3,084,966.52	1,542,483.00
Kapiolani Community College	189,137.40	141,853.00
Kauai Community College	81,375.28	-
Leeward Community College	131,531.78	98,649.00
Library Services	35,764.56	17,882.00
Lyon Arboretum	9,586.82	4,793.00
Maui College	756,843.94	567,633.00
Office of Academic Affairs	33,626.67	16,813.00
Office of Chancellor	89,216.79	44,608.00
Office of Student Affairs	235,371.58	117,686.00
Pacific Biosciences Research Center	803,429.96	401,715.00
Pacific Diseaster Center	1,256,924.17	628,462.00
School Ocean & Earth Science & Technology	11,412,690.44	5,706,345.00
School of Architecture	1,923.25	962.00
School of Hawaiian Knowledge	62,231.14	31,116.00
School of Law	230,905.15	115,453.00
School of Medicine	9,044,904.01	4,522,452.00
School of Nursing	371,358.30	185,679.00
School of Pacific & Asian Studies	86,878.26	43,439.00

Table 3 Data For 2010 - 2011 Distribution of Facilitating Services Fund

Department	Basis	Allocation
School of Public Health	195,570.45	97,785.00
School of Social Work	365,056.33	182,528.00
School of Travel Industry Management	1,760.39	880.00
Small Business Development Center	98,083.05	73,562.00
Trade Technology Vocational Education	16,306.48	-
University of Hawaii - West Oahu	18,263.05	13,697.00
University of Hawaii at Hilo	1,464,697.65	1,098,523.00
VP for Budget & Finance - Gear-Up Program	101,597.56	101,598.00
VP for Community Colleges	110,150.91	82,613.00
VP for Research	27,296.99	-
Waikiki Aquarium	1,194.37	597.00
Water Resouces Research Center	82,236.25	41,118.00
Windward Community College	128,418.82	96,314.00
	45,445,514.30	23,249,664.00

Table 4 2010-2011 Project Development Fund Awards

Awarded by Vice Chancellor for Research

Item No.	<u>Principal Investigator</u>	<u>Department</u>	<u>Project Title</u>	<u>Amount Awarded</u>
1	Amore, T	CTAHR	VC RTRF: TPSSS - Amore	18,550.00
2	Babcock, M	Arts & Humanities	Relational Environments Exhibit	1,646.00
3	Barbour, J	JABSOM	VC Start up - Jason Barbour	65,000.00
4	Berry, M	Medicine	VC Bridge Funding - CMB	5,000.00
5	Bingham, B	Engineering	Engr Start Up Bingham Brian FY11	24,163.40
6	Boland, M	SONDH	VCRGE Supp-Research Infrastructure	75,000.00
7	Boland, M	SONDH	SONDH Research Facility Preparation	46,000.00
8	Brislin, T	Arts & Humanities	Takeyama Fund Protocols	21,000.00
9	Browne, C	VCRGE	FY 2011 - Center on Aging	111,000.00
10	Chair, Linguistics	LLL	GA Recruit	4,000.00
11	Cole, K	Natural Sciences	Tester Symposium 2011	500.00
12	Cowen, J	SOEST	Matchig Funds James Cowen	20,000.00
13	Deenik, J	CTAHR	VC RTRF: TPSS - Deenik	80,000.00
14	Dunlap, Marilyn	PBRC	FSF - BEMF	218,197.00
15	Garrud, P	VCRGE	Grad Division RTRF Account	5,000.00
16	Ghorbani, R	Engineering	Engr Start Up Ghorbani Reza FY11	42,913.60
17	GSO Advisor	GSO	GSO Travel Fund	20,000.00
18	Hedges, J	JABSOM	VC Native Hawaiian Neuroscience	22,330.45
19	Hedges, J	JABSOM	RTRF - VC Grants Devt Admin Support	85,330.00
20	Hedges, J	JABSOM	VC Bridge Funding - DNH	77,000.00
21	Holmes, E	VCRGE	INBRE Operational Account	28,000.00
22	Holmes, E	JABSOM	VC Support - Eric Holmes	15,000.00
23	Jahren, Anne	SOEST	Jahren Research Support (OVCERGE)	141,500.00
24	Jun, Soojin	CTAHR	VC RTRF: HNFAS - Jun	28,000.00
25	Kaiser, R	Natural Sciences	Salary Support - Kaiser Project	72,500.00
26	Kaiser, R	Natural Sciences	Keck Matching (3)	29,000.00
27	Kaiser, R	Natural Sciences	Keck Lab Renovation-Bilger 301/307	400,000.00
28	Kameoka1, V	Social Sciences	VCRGE Commitment - Bonham	24,650.00
29	Karl, D	SOEST	FY11 CMORE Cost Match	809,818.00
30	King, N	CHS	FY 2011 - CHS	390,025.00
31	Kondo, S	LAS	Kakaako Edstrom Server Upgrade	17,247.00

Table 4 2010-2011 Project Development Fund Awards

Awarded by Vice Chancellor for Research

Item No.	<u>Principal Investigator</u>	<u>Department</u>	<u>Project Title</u>	<u>Amount Awarded</u>
32	Kondo, S	LAS	FY 2011 Support for LAS Operations	269,937.00
33	Kondo, S	LAS	FY 2011 Payroll/Operating Support	123,150.00
34	Kondo, S	LAS	Snug Harbor Reimbursement	1,148.69
35	Kondo, S	LAS	FY 11 Student Payroll Support	15,000.00
36	Kondo, S	LAS	FY'11 IACUC Payroll Support	7,409.00
37	Kudritzki, R	IfA	FY-2011 Kudritzki Research Funds	150,000.00
38	Kuh, Anthony	Engineering	Renew Energy & Isl Sys Proj FY10	176,300.00
39	Kuh, Anthony	Engineering	REIS Project Johnson Philip FY10	11,200.00
40	Kuh, Anthony	Engineering	REIS Project Ghorbani Reza FY10	12,500.00
41	Kuh, Anthony	Engineering	REIS Project Garmire David FY10	15,000.00
42	Kuh, Anthony	Engineering	REIS Project Ghasemi Nejhad FY10	13,500.00
43	Kuh, Anthony	Engineering	REIS Project Konan Denise FY10	13,000.00
44	Kuh, Anthony	Engineering	REIS Project Zhou Ziangrong FY10	8,500.00
45	Lam, P	Natural Sciences	Physics & Astronomy EE Support-VCR	40,000.00
46	Laozanoff, S	JABSOM	VC Support - SDB	5,000.00
47	Lu, Yüanan	Public Health	Sea Grant Shrimp Promoter Matching	17,274.00
48	Maddock, J	Public Health	OPHS Modular Office Fund	145,000.00
49	Mau, M	JABSOM	RTRF-Ctr for Native & Pac Hlth Res	80,000.00
50	Meech, K	IfA	NAI CAN 5 - YR 3 Support	50,000.00
51	Mochida, P	Library Services	Library Services - IRC Moving Proj	57,158.66
52	Mouginis Mark,P	SOEST	Administrative Support	50,028.00
53	Ndhlovu, L	JABSOM	VC Start up - Lishomwa Ndhlovu	30,000.00
56	Nichols, R	JABSOM	VC/Zoology 442 Support - R Nichols	2,899.98
57	Ohta, A	Engineering	Engr Start Up Ohta Aaron FY11	71,000.00
58	Ostrander, G	VCRGE	CMORE Bond Interest Payment Acct	1,149,155.32
59	Ostrander, G	VCRGE	FY 11 Aquaculture Program	262,426.00
60	Paxton, L	Arts & Humanities	McLain Aquaculture Support	20,300.00
61	Perkins, F	VCRGE	FY 2011 - Compliance RTRF Admin	501,000.00
62	Presting, G	CTAHR	Genomics/Bioinformatics Support	150,000.00
63	Ray, C	WRRRC	RTRF Research Support from VCRGE	80,203.00
64	Rehg, K	LLL	Language Doc Ctr	2,000.00

Table 4 2010-2011 Project Development Fund Awards

Awarded by Vice Chancellor for Research

<u>Item No.</u>	<u>Principal Investigator</u>	<u>Department</u>	<u>Project Title</u>	<u>Amount Awarded</u>
65	Richards, K	SOEST	Salary Alexandria Boehm	6,377.46
66	Rossiter, A	Waikiki Aquarium	Admin Assistant (2)	50,315.00
67	Rossiter, A	Waikiki Aquarium	WA Emergency Repair	100,000.00
68	Santhanam, N	Engineering	Engr Start Up Santhanam Narayana 11	44,500.00
69	Soifer, Avi	Law	RTRF Dean Support	8,000.00
70	Stanley, S	SOEST	Stanley Research Support (OVCRGE)	95,000.00
71	Stokes, Ashley	CTAHR	VC RTRF: HNFAS - Stokes	40,000.00
72	Syrmos, V	VCRGE	Biomed Renovations	250,000.00
73	Syrmos, V	VCRGE	APIX	38,000.00
74	Syrmos, V	VCRGE	St John Renovations	786,971.00
75	Syrmos, V	VCRGE	IRC Renovations	0.00
76	Syrmos, V	VCRGE	Renovate to Innovate	500,000.00
77	Syrmos, V	VCRGE	Sinclair Basement Renovations	300,000.00
78	Syrmos, V	VCRGE	HIG Renovations	325,000.00
79	Syrmos, V	VCRGE	Webster Hall Renovation	10,000.00
80	Syrmos, V	LAS	LAS Cage Wash	300,000.00
81	Syrmos, V	VCRGE	CMORE Project	2,000,000.00
82	Syrmos, V	VCRGE	OS-HPCC	260,000.00
83	Syrmos1, V	VCRGE	Engineering Svcs - POST	200,000.00
84	Syrmos1, V	VCRGE	Snyder Hall Renovation	300,000.00
85	Syrmos1, V	VCRGE	STEM	200,000.00
86	Syrmos1, V	VCRGE	Sinclair Bond Interest Payment	107,595.43
87	Syrmos1, V	VCRGE	Research Facilities Management	250,000.00
88	Takekawa, R	VCRGE	FY 2011 - EHSO	1,390,000.00
89	Taylor, Brian	SOEST	VCR Supplements & Support	139,203.00
90	Teramura, A	Natural Sciences	Neuroscience Course Suuport	1,600.02
91	Tokunaga, A	IfA	IRTF High-Resolution Spec Cost Shr	66,250.00
92	Ward, S	JABSOM	IBR Autoclave Maintenance	5,821.68
93	Ward, S	JABSOM	FACS Aria Equip Purch (IBR COBRE)	33,107.00
94	Wilcox, B	PBRC	FY11 RTRF IGERT Matching	112,898.00

Table 4 2010-2011 Project Development Fund Awards

Awarded by Vice Chancellor for Research

Item No.	<u>Principal Investigator</u>	<u>Department</u>	<u>Project Title</u>	<u>Amount Awarded</u>
95	Yuen, S	CTAHR	VCR - Res Integrity Officer	33,830.00
96	Zhou, X	Engineering	Engr Start Up Zhou Ziangrong FY10	35,500.00
				<u>14,418,428.69</u>

Table 6-A 2010-2011 Student Excellence in Research Awards

Item No.	Principal Investigator	Department	Amount Awarded
1	Chock, Johnelle	School of Nursing	\$ 250.00
2	Colman, Alice	Geology & Geophysics	250.00
3	Gaither, Michelle	Zoology	250.00
4	Lai, Cynthia	Natural Resources & Environmental Management	250.00
5	Liang, Ningjian	Human Nutrition, Food & Animal Sciences	250.00
6	Wagner, Daniel	Oceanography	250.00
Total			\$ 1,500.00

Table 7 2010-2011 Vice President for Research Awards

<u>Awarded by VP for Research</u>			<u>Amount Awarded</u>	
<u>Item No.</u>	<u>Principal Investigator</u>	<u>Department</u>	<u>Project Title</u>	
1	Bidigare, R.	SOEST	CMMED R-Fund Account (Salaries II)	264,681.97
2	Bidigare, R.	SOEST	Archimedes Project Hawaii	166,186.71
3	Bio, C.	Maui CC	Second Century Scholarships	137,400.00
4	Bradley, J.	Kapiolani CC	Second Century Scholarships	78,700.00
5	Browder, T.	Natural Sciences	30th Anniversary of US-Japan High Energy Physics Collaboration	9,000.94
6	Brown, D.	UH Hilo	RTRF RIMI for Dyanne Affonso	108,409.00
7	Chigawa, S.	Windward CC	Second Century Scholarships	95,500.00
8	Cowen, J.	SOEST	RTRF - Matching Funds for RAPID Project (James Cowen)	20,000.00
9	Games, J.	VP for Research	Ka Puku La'au Project	10,000.00
10	Games, J.	VP for Research	Manua Kea Comprehensive Management	400,000.00
11	Games, J.	VP for Research	A/R Write-Off System Wide	81,889.79
12	Games, J.	VP for Research	RTRF RBL Support Account	291,211.38
13	Games I, J.	VP for Research	RTRF Support for COE (Telephone Charges)	18,000.00
14	Greenwood, M.	System Fiscal Office	RTRF - Office of President	44,295.00
15	Hunter, L.	IFA	FY 2011 Akamai Workforce Initiative	160,000.00
16	Kuba, J.	VC Adademic Affairs, Enrollment Mgt	Second Century Scholarships	653,400.00
17	Lassner, D.	ITS	Information Technology Services For the President Committee Co	225,000.00
18	Longao, H.	UH West Oahu	Second Century Scholarships	59,100.00
19	Lum-Akana, A.	Leeward CC	Second Century Scholarships	136,500.00
20	Lundberg-Sprague, S.	Hawaii CC	Second Century Scholarships	152,300.00
21	McClain, D.	College of Business Administration	Mcclain Research Support	20,000.00
22	Morton I, J.	CC Admin	Pacific Bussness Center Prog (PBCP) Match	50,000.00
23	Ostrander, G	VCRGE	Systemwide -RTRF for A/R Writeoff	99,505.00
24	Oyama, J.	Honolulu CC	Second Century Scholarships	64,700.00
25	Rota, M.	CC Admin	FY 2010 RTRF - Honolulu Minority Bus Enterprise	71,694.00
26	Sanchez, E.	Kauai CC	Second Century Scholarships	27,400.00
27	Scofield, J.	UH Hilo	Second Century Scholarships	245,000.00
Total Allocated			\$ 3,689,873.79	

RESEARCH

RESEARCH

**Table 8 Research Grants and Contracts Awarded
Five-Year Comparative by Month**

MONTH	2006-07		2007-08		2008-09		2009-10		2010-11	
	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS
JUL	86	\$10,773,310	88	\$16,768,053	118	\$18,924,981	103	\$21,966,360	133	\$30,585,930
AUG	142	\$28,294,962	143	\$26,590,457	121	\$30,947,612	157	\$37,042,804	143	\$49,265,447
SEP	188	\$52,158,636	159	\$43,469,972	131	\$33,555,448	165	\$45,714,565	168	\$57,405,240
OCT	73	\$10,842,417	62	\$8,966,580	86	\$23,721,921	84	\$25,728,727	71	\$20,009,605
NOV	42	\$5,242,410	65	\$6,802,418	94	\$17,740,492	67	\$10,159,475	43	\$5,873,503
DEC	53	\$18,033,950	49	\$6,116,172	97	\$34,567,053	57	\$20,275,135	55	\$14,356,716
JAN	46	\$15,893,131	78	\$11,977,778	53	\$8,382,766	108	\$19,859,026	73	\$15,535,310
FEB	61	\$6,542,032	62	\$9,395,197	57	\$11,550,448	72	\$12,010,707	59	\$27,336,887
MAR	89	\$12,929,258	82	\$28,091,151	90	\$10,720,784	75	\$16,626,202	60	\$11,708,330
APR	68	\$7,405,768	70	\$14,279,618	97	\$16,016,001	86	\$14,002,021	78	\$14,160,245
MAY	73	\$15,903,685	72	\$10,548,053	83	\$11,513,477	95	\$18,416,721	75	\$7,762,432
JUN	93	\$17,401,639	69	\$14,471,766	119	\$28,766,877	91	\$13,929,320	112	\$27,746,119
	1,014	\$201,421,198	999	\$197,477,215	1,146	\$246,407,860	1,160	\$255,731,063	1,070	\$281,745,764

FIRST 12 MONTHS OF PREVIOUS YEARS FOR COMPARISON

1014	\$201,421,198	999	\$197,477,215	1,146	\$246,407,860	1,160	\$255,731,063	1,070	\$281,745,764
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ORS DATA 3-Nov-11

Data does not reflect adjustments made and UH Hilo's awards in years prior to 2008-2009.
From 2008-2009 totals include UH Hilo and adjustments.

NON - RESEARCH

NON-RESEARCH

**Table 9 Non-Research and Special Projects Grants and Contracts Awarded
Five-Year Comparatvie by Month**

MONTH	2006-07		2007-08		2008-09		2009-10		2010-11	
	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS
JUL	38	\$8,329,873	63	\$17,692,070	99	\$27,280,066	92	\$24,481,760	108	\$19,996,547
AUG	107	\$25,691,810	79	\$18,851,555	69	\$15,186,689	99	\$27,854,877	106	\$24,107,997
SEP	68	\$7,986,042	76	\$18,942,982	103	\$19,272,621	93	\$29,080,794	102	\$70,187,172
OCT	52	\$18,084,858	45	\$15,115,007	79	\$14,047,335	63	\$14,507,298	61	\$23,535,787
NOV	48	\$5,101,611	46	\$8,930,207	54	\$11,216,783	43	\$8,411,063	34	\$7,606,958
DEC	40	\$4,516,465	37	\$8,637,548	47	\$5,959,438	42	\$5,562,919	39	\$7,375,305
JAN	34	\$4,105,720	43	\$5,325,252	61	\$7,902,567	41	\$4,118,987	36	\$2,945,953
FEB	36	\$3,342,774	33	\$3,345,470	49	\$3,720,585	42	\$4,772,301	23	\$2,066,688
MAR	31	\$2,187,840	33	\$5,272,954	53	\$9,077,606	36	\$3,738,818	30	\$9,177,737
APR	34	\$16,006,963	27	\$13,790,464	62	\$8,936,350	59	\$5,712,314	52	\$9,216,186
MAY	53	\$13,902,048	56	\$7,519,244	71	\$20,448,762	65	\$31,289,717	45	\$4,537,729
JUN	110	\$22,619,352	73	\$23,262,604	97	\$24,388,224	108	\$37,143,765	93	\$26,098,085
	651	\$131,875,356	611	\$146,685,357	844	\$167,437,026	783	\$196,674,613	729	\$206,852,144

FIRST 12 MONTHS OF PREVIOUS YEARS FOR COMPARISON

651	\$131,875,356	611	\$146,685,357	844	\$167,437,026	783	\$196,674,613	729	\$206,852,144
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ORS DATA 3-Nov-11

Data does not reflect adjustments made and UH Hilo's awards in years prior to 2008-2009. From 2008-2009 totals include UH Hilo and adjustments.

SUMMARY

SUMMARY

**Table 10 Research and Non-Research Grants and Contracts Awarded
Five-Year Comparative by Month**

MONTH	2006-07		2007-08		2008-09		2009-10		2010-11	
	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS
JUL	124	\$19,103,183	151	\$34,460,123	217	\$46,205,047	195	\$46,448,120	241	\$50,582,477
AUG	249	\$53,986,772	222	\$45,442,012	190	\$46,134,301	256	\$64,897,681	249	\$73,373,444
SEP	256	\$60,144,678	235	\$62,412,954	234	\$52,828,069	258	\$74,795,359	270	\$127,592,412
OCT	125	\$28,927,275	107	\$24,081,587	165	\$37,769,256	147	\$40,236,025	132	\$43,545,392
NOV	90	\$10,344,021	111	\$15,732,625	148	\$28,957,275	110	\$18,570,538	77	\$13,480,461
DEC	93	\$22,550,415	86	\$14,753,720	144	\$40,526,491	99	\$25,838,054	94	\$21,732,021
JAN	80	\$19,998,851	121	\$17,303,030	114	\$16,285,333	149	\$23,978,013	109	\$18,481,263
FEB	97	\$9,884,806	95	\$12,740,667	106	\$15,271,033	114	\$16,783,008	82	\$29,403,575
MAR	120	\$15,117,098	115	\$33,364,105	143	\$19,798,390	111	\$20,365,020	90	\$20,886,067
APR	102	\$23,412,731	97	\$28,070,082	159	\$24,952,351	145	\$19,714,335	130	\$23,376,431
MAY	126	\$29,805,733	128	\$18,067,297	154	\$31,962,239	160	\$49,706,438	120	\$12,300,161
JUN	203	\$40,020,991	142	\$37,734,370	216	\$53,155,101	199	\$51,073,085	205	\$53,844,204
	1,665	\$333,296,554	1,610	\$344,162,572	1,990	\$413,844,886	1,943	\$452,405,676	1,799	\$488,597,908

FIRST 12 MONTHS OF PREVIOUS YEARS FOR COMPARISON

1,665	\$333,296,554	1,610	\$344,162,572	1,990	\$413,844,886	1,943	\$452,405,676	1,799	\$488,597,908
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Data does not reflect adjustments made and UH Hilo's awards in years prior to 2008-2009.
From 2008-2009 totals include UH Hilo and adjustments.

ORS DATA 3-Nov-11