

UNIVERSITY OF HAWAI‘I SYSTEM ANNUAL REPORT



REPORT TO THE 2010 LEGISLATURE

Annual Report on
Research And Training Revolving Fund
2008-2009

HRS 304A-2253

December 2009

**ANNUAL REPORT ON THE
RESEARCH AND TRAINING REVOLVING FUND
2008/2009**

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 2008-2009 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, \$41,437,885 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 \$470,000 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: \$470,000

The council reviewed 371 travel requests totaling \$682,708.60. It made 315 awards totaling \$506,355.82 or 74% of the amount requested. Table 2 lists the Professional Travel recipients.

Allocation for 2009-2010: \$300,000

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 \$21,583,624 was allocated to the fund. Table 3 lists the distribution by unit.

Allocation for 2009-2010: \$22,752,514

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

\$8,379,792 was allocated to the Manoa Vice Chancellor for Research to facilitate research and training in new or developing fields. The Vice Chancellor made 92 awards totaling \$10,368,914.78. 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. The Vice Chancellor for Research received 18 applications totaling \$180,603.98 and made 06 awards totaling \$51,377. Table 4-A lists the Special Fund For Innovative Scholarship And Creative Works recipients.

\$70,000 was allocated to the Research Relations fund by the Vice Chancellor for Research. The URC received 31 applications totaling \$127,298.84. The Council approved funding for 18 projects totaling \$60,653.84. Table 5 lists the Research Relations Fund recipients.

\$35,000 was allocated to the Undergraduate Summer Research by the Vice Chancellor for Research. The Vice Chancellor for Research Received 22 applications totaling \$64,895.00 and made 13 awards totaling \$39,000. Table 6 lists the Undergraduate Summer Research recipients.

Allocation for 2009-2010: \$9,196,677

D. Vice President for Research Allocation:

A total of \$2,836,704 was allocated to the Vice President for Research and funds were allocated for the following:

The Vice President for Research made 39 awards totaling \$4,666,315.11 in support of programs summarized in Table 7.

The following amounts were designated for research infrastructure, \$8,062,765: \$3,144,750 for RCUH Management Fees, \$780,000 for High Speed Internet Connection, \$130,000 for UH Connections, \$377,909 for A-133 audit, \$3,370,106 for system wide research support, \$260,000 for Committee of Human Subjects

Allocation for 2009-2010: \$14,567,411

E. Summary of Allocations, Expenditures & Commitments

	Allocation	Carry Forwards	Total Available	Expenditures FY 2008-2009	Committed to be Spent	Available Balance
Seed Money	-	-	-	-	-	-
Professional Travel	470,000	91,037	561,037	449,810	111,227	-
Facilitating Services	21,583,624		21,583,624	10,440,589	11,143,035	-
Project Development Fund						
Vice Chancellor for						
Research	8,379,792	5,883,068	14,262,860	5,656,530	8,606,330	-
Research Relations SEED						
Grants	-	32,521	32,521	-	32,521	-
Undergraduate Summer						
Research	35,000	11,000	46,000	41,611	4,389	-
Innovative Scholarship &						
Creative Works	-	108,033	108,033	8,005	100,028	-
Research Relations Fund	70,000	22,151	92,151	12,866	79,285	-
Vice President for Research	2,836,704	3,620,135	6,456,839	5,472,021	984,818	-
Research Infrastructure	8,062,765		8,862,765	8,465,479	(402,714)	-
Total	41,437,885	9,767,945	51,205,830	30,546,911	20,658,920	-

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 65 received extramural funding for research/training projects totaling [\\$10,781,935](#).

III. TOTAL EXTRAMURAL SUPPORT FOR RESEARCH/TRAINING, 2008-2009

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 2008-2009, 1,113 research awards worth \$241,897,110 and 763 training awards worth \$153,902,897 were received. In addition, the Hilo Campus separately reported receipt of 33 research awards totaling \$4,510,750 and 81 training awards totaling \$13,534,129.

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 "J. R. Gaines". The signature is written in a cursive style with a large initial "J" and "G".

James R. Gaines
Vice President for Research

Attachments

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TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

	PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
1	Acord S A	I-3	CRDG - C OF EDUCATION	\$1,400.00	Demystifying Micronesia Through Culturally Relevant Teaching Materials.
2	Ahn E S	I-4	UH - WEST OAHU - UH - WEST OAHU	\$1,250.00	An International Study of Inter-Sector Dependencies on Stock Market Indexes
3	Ai J	I-3	FIN ECON & INS DEPT - SHIDLER	\$1,800.00	On the Development of a Fraud Rate Estimation Method
4	Aikau H K	I-3	POLITICAL SCI DEPT - C OF SOC SCI	\$1,600.00	Indigenous or Immigrants? Settler colonialism at Iosepa UT, Unsettling Settler Colonialism: A Critical look at Hawaiians in the American West
5	Albertini T D V	I-4	PHILOSOPHY DEPT - C ARTS & HUM	\$1,214.00	In and Around Charles de Bovelle's Liber de Sapiente: 500 Years Later
6	Alden D L	I-5	MARKETING DEPT - SHIDLER COLLEGE	\$2,000.00	Future or Present: The Effect of Cultural Priming on Metaphoric Appeals
7	Ames R T	I-5	PHILOSOPHY DEPT - C ARTS & HUM	\$1,415.00	Confucian Role Ethics
8	Andersen P	I-4	RELIGION DEPT - C ARTS & HUM	\$1,760.00	Laozi and the Generals: A Ritual Scroll for the Daoist Iconography Project
9	Apuzen-Ito G	I-4	GEOLOGY & GEOPHYSICS - SCH	\$1,807.91	Some Geochemical Consequences of the Dynamics and Melting of a Veined Mantle.
10	Aranda L V	I-3	LANG&LIT EUROPE&AM - C OF L L L	\$1,300.00	Spanish in Hawaii: A Preliminary Case Study
11	Ardolino F	I-5	ENGLISH DEPT - C OF L L L	\$2,000.00	Jimmy Stewart as the Passionate Shepherd in MGM's Come Live with Me.
12	Bacchilega C	I-5	ENGLISH DEPT - C OF L L L	\$1,433.00	The Fairy Tale Today; Princess, Sleeping Ugly, or Wise Child?
13	Bachmann A S	I-3	CANCER CT HI - RES & DEAN OF GRAD	\$1,000.00	Profiling of cancer cell signaling pathways activated by a novel proteasome inhibitor class (syrbactins) in human neuroblastoma.
14	Baker C	I-3	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,600.00	Domestic Violence Services in Hawaii: Identifications of Gaps and Successful Strategies.
15	Bantum E O	R-3	CANCER CT HI - RES & DEAN OF GRAD	\$1,600.00	Formative Study Using Ethnic Minority Health Care Providers and Survivors to Determine Interest and Viability of an Online Intervention to Modify Lifestyle Factors

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
16 Barkai J	I-5	LAW DEANS OFF - SCH OF LAW	\$1,600.00	Bringing Meditation "Back" to Micronesia: Framework for Cross-Cultural Teaching and Training
17 Baroni H	I-4	RELIGION DEPT - C ARTS & HUM	\$1,633.00	Love, Roshi: Correspondents Between Robert Baker Aitken and His "Distant Correspondents"
18 Basham J L	I-3	WEST OAHU - ACADEMIC AFF	\$1,300.00	E Pa'a Ke Kahua: Foundations of Hula
19 Benjamin T	S-3	OFF OF STUDENT SERV - C OF EDUC	\$1,000.00	Will They Stay? Factors that Promote the Retention of Novice Special Education Teachers on Hawaii's Neighbor Islands
20 Bennett V	I-4	LANG&LIT EUROPE&AM - C OF L L L	\$2,000.00	Prince Myshkin as the Embodiment of Agape in Dostoevsky's 'The Idiot'
21 Bergen B K	I-4	LINGUISTICS DEPT - C OF L L L	\$1,586.00	Constructional Meaning and Mental Stimulation
22 Berkelman P	I-3	MECH ENGINRG DEPT - C OF ENGINRG	\$1,600.00	Single Magnet Levitation by Repulsion using a Planar Coil Array.
23 Bertz N	I-3	HISTORY DEPT - C ARTS & HUM	\$1,784.00	Historical Context for South-South Cooperation: Nationalism, Race, and Diaspora in the Indian Ocean World
24 Bhawuk D P S	I-5	MGMT & IR DEPT - SHIDLER COLLEGE	\$2,000.00	" Developing Intercultural Training Programs for Civilian and Military Organizations: A Theoretical Framework" and " Ethnic and Religious Conflicts in India: Some Indigenous Solutions for Peace"
25 Biagioni E	I-4	INFO & COMP SCI DEPT - C OF NAT SCI	\$757.00	A Protocol for Secure Electronic Remote Voting
26 Bloomer K C	I-3	RELIGION DEPT - C ARTS & HUM	\$1,500.00	"Possession: Syncretic and Somatic Semantics" and "O Mother: Problems of Marian Identity in Tamil Nadu, South India"
27 Booth C D	I-5	LAW DEANS OFF - SCH OF LAW	\$868.50	Not presenting a paper
28 Brandes H	I-4	CIVIL ENGINRG DEPT - C OF ENGINRG	\$2,000.00	Dynamic and Static Behavior of Calcareous Sands.
29 Brown S J	I-3	HISTORY DEPT - C ARTS & HUM	\$1,405.00	Writing Women, Writing Art: Nineteenth-Century Chinese Women Poets and Xia Lingyi, Their Favorite Artist

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

	PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
30	Bruland G L	I-3	NAT RES&ENVIRON MGMT - C OF TA &	\$1,500.00	Assessment of the Vegetation, Soils, and Water Quality of Hawaii's Coastal Wetlands
31	Burnett K	S-3	SOC SC RS IN - RES & DEAN OF GRAD	\$2,000.00	Spatial Economic Analysis of Early Detection and Rapid Response Strategies for an Invasive Species.
32	Bush A	I-5	ART & ART HISTORY DEPT - C ARTS &	\$2,000.00	Multiplied Seeing: The Design of the Stereoscopic Tour.
33	Carlton D B	I-4	ZOOLOGY DEPT - C OF NAT SCI	\$2,000.00	Microsatellite Markers Reveal Extremely Low In-situ Hybridization between Sympatric Ecomorphs of the Coral Favia Fragam.
34	Carroll J	I-5	ENGLISH DEPT - C OF L L L	\$1,300.00	Race, Music, Race Music: An Old Rhetoric for a New Classroom
35	Chakrabarti A	I-5	PHILOSOPHY DEPT - C ARTS & HUM	\$1,500.00	1) Calling God(s) in a Different Tongue 2) God's Body: Are Hindus Idolatrous?
36	Chandler J D	I-3	MARKETING DEPT - SHIDLER COLLEGE	\$1,760.00	Ingredient Branding: Why Do Brands Matter in Business Markets?
37	Chandler P M	I-5	LANG&LIT EUROPE&AM - C OF L L L	\$2,000.00	Language Teacher Preparation in Paraguay: Equal Opportunities?
38	Chen Q	I-3	GEOGRAPHY DEPT - C OF SOC SCI	\$2,000.00	Using an Edge-Based Morphological (EM) Method for Lidar Data Filtering
39	Cheng B	I-3	EDUC FOUNDATIONS - C OF EDUC	\$1,400.00	The Effect of Iron Supplement on Children's Cognitive Development: An Experimental Study in India
40	Cheng C-Y	I-5	PHILOSOPHY DEPT - C ARTS & HUM	\$1,200.00	How Confucian Is Kant? On Benevolence As Perfect Duty
41	Cheng E D H	I-5	CIVIL ENGINRG DEPT - C OF ENGINRG	\$2,000.00	Guyst Wind Speeds' Domain of Attraction.
42	Chesney-Lind M	I-5	WOMENS STUDIES PROG - C OF SOC	\$1,600.00	Understanding Female Violence: Methodology Matters.
43	Chu P-S	I-5	METEOROLOGY - SCH O&ES&T	\$2,000.00	Climate Change and Typhoon Track-based Activity Over the Western North Pacific
44	Chung H S	I-3	AMER STUDIES DEPT - C ARTS & HUM	\$1,700.00	Hallyu, Hawaiian Style: Regional Differences in Transnational Taste Cultures

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
45 Clayton C H	I-3	ASIAN STUDIES - SCH OF P&AS	\$1,300.00	China's 56th Ethnic Minority? Classifying the Macanese
46 Clayton E R	I-3	ENGLISH DEPT - C OF L L L	\$1,300.00	Students' Perception of Teacher Commentary and Implications for Multilingual Classrooms
47 Codier E	I-3	NURSING DEPT - C OF HLTH SCI & S W	\$1,700.00	Emotional Intelligence and Cognitive Learning Styles.
48 Coffman M K L	I-3	URB & REG PLAN DEPT - C OF SOC SCI	\$1,895.00	The Tautological Trap in Sustainability Planning.
49 Cole K S	I-3	ZOOLOGY DEPT - C OF NAT SCI	\$2,000.00	Reproductive Morphology Among Hermaphroditic Gobiine Fishes: Insights into Phylogeny and Evolution
50 Conant S	I-5	ZOOLOGY DEPT - C OF NAT SCI	\$1,420.00	Endangered Passerines in the Northwestern Hawaiian Islands: Conservation via Translocation.
51 Cook B	I-5	SPECIAL EDUC DEPT - C OF EDUC	\$1,300.00	Inclusive Teachers' Concern and Rejection Toward Their Inclusive Students with Disabilities
52 Cook H M	I-5	E A LANG & LIT DEPT - C OF L L L	\$1,750.00	Construction of a knowledgeable person through desho(o): A case of JFL learners and their host families.
53 Cooper J	I-5	EDUC ADMIN DEPT - C OF EDUC	\$1,400.00	Faculty Journal Keeping Across the Disciplines: A Teaching, Writing Research and Work Management Resource
54 Cowen J	R-5	OCEANOGRAPHY - SCH O&ES&T	\$2,000.00	The Biogeochemistry and Ecology of Deep Sediment-Buried Basement Biosphere: Juan de Fuca Ridge Flanks
55 Cox E F	I-3	UH - WEST OAHU - UH - WEST OAHU	\$2,000.00	Bleaching has no short-term effect on reproduction in the Scleractinian coral Montipora capitata.
56 Cusick J	S-3	ENVIRONMENTAL CTR - RES & DEAN	\$2,000.00	Restoration of a cultural landscape: Co-management of Kipahulu District, Haleakala National Park.
57 Das Gupta M	I-4	ETHNIC STUDIES PROG - C OF SOC SCI	\$1,131.00	Justice Work and its Challenges for Transnational Feminism.

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

	PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
58	Dawson A J	I-5	INSTITUTE FOR TEACHER EDUCATION -	\$2,000.00	A Hybrid Mode for Mathematics Teacher Education: Face-to-Face and At-a-Distance.
59	Dawson R P	I-5	WOMENS STUDIES PROG - C OF SOC	\$1,211.00	German Classicism Crossing Boundaries, Navigating Gender
60	De Jong J C Jr	I-3	TIM DEANS OFF - SCH OF TIM	\$1,500.00	Abnormal Returns with Momentum/Contrarian Strategies Using Exchange Traded Funds.
61	Debreceeny R	I-5	SCH OF ACCOUNTANCY - SHIDLER	\$1,676.00	Detecting Fraud in Journal Entries: Challenges and Opportunities.
62	Deen K U	I-4	LINGUISTICS DEPT - C OF L L L	\$2,000.00	Raising the Mood: Subject agreement in subjunctives in Nairobi Swahili.
63	Deenik J	S-4	TROP PLAN&SOIL SCI - C OF TA & HR	\$1,350.00	Charcoal Volatile Matter Content and its Effects on Plant Growth and Biological Properties of an Infertile Tropical Soil.
64	Desser D	I-4	ENGLISH DEPT - C OF L L L	\$1,290.00	Colonialism as Early Stage Capitalism: Pedagogical Experiments and Interventions
65	Dong Y	I-4	ELECT ENGINRG DEPT - C OF ENGINRG	\$2,000.00	Detecting Spam Zombies by Monitoring Outgoing Messages
66	Dovermann K H	I-5	MATHEMATICS DEPT - C OF NAT SCI	\$1,675.85	Algebraic Realization of Manifolds and Vector Bundles with Cyclic Group Action.
67	Drake D	I-4	BOTANY DEPT - C OF NAT SCI	\$1,840.00	Reproductive biology of Hawaii's endangered flora: prioritizing research needs for conservation.
68	Drexler D	I-5	ART & ART HISTORY DEPT - C ARTS &	\$2,100.00	Exhibition of large scale paintings
69	Duncan K M	I-3	CRDG - C OF EDUCATION	\$2,000.00	Building literacy through ocean literacy and Fluid Earth revised: an updated, multidisciplinary approach to aquatic science education.
70	Ferguson K E	I-5	POLITICAL SCI DEPT - C OF SOC SCI	\$1,770.97	"Infowar"
71	Flowers P R	I-3	POLITICAL SCI DEPT - C OF SOC SCI	\$1,327.70	From Why to When: Understanding Variation in Norm Compliance
72	Franklin C G	I-5	ENGLISH DEPT - C OF L L L	\$2,000.00	The Travels of Postcolonial Theory and the Place of Academic Memoirs in the Humanities Today.

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

	PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
73	Freese A R	S-5	CURRICULUM STUDIES - C OF EDUC	\$1,400.00	Practicing Research, Researching Practice: Early Childhood Educators Discover their Identities as Researchers
74	Fuller M	R-5	HI INST OF GEOP-PLTY - SCH O&ES&T	\$2,000.00	The Paleomagnetic Record of Large Meteorite Impacts and Lunar Magnetism.
75	Furuto L H L	I-3	UH - WEST OAHU - UH - WEST OAHU	\$1,550.00	Bridging Policy and Practice with Ethnomathematics
76	Garcia M O	I-5	GEOLOGY & GEOPHYSICS - SCH	\$2,000.00	Geochemical, Geological and Geophysical Inferences for the Origin of the South Kauai Swell.
77	Garneau M-C	I-5	LANG&LIT EUROPE&AM - C OF L L L	\$2,000.00	Digestion and Indigestion in History: Chateaubriand's Excellent Health/Sands' Chronic Stomach Illnesses
78	Giambelluca T	I-5	GEOGRAPHY DEPT - C OF SOC SCI	\$1,700.00	Stand Structural Controls on Evapotranspiration in Native and Invaded Tropical Montane Cloud Forest in Hawaii
79	Gilbert M	I-3	CRDG - C OF EDUCATION	\$1,320.00	Conceptions and Misconceptions of Elementary Preservice Teachers in Proportional Reasoning.
80	Goodman C	S-2	A&S STUDENT SERV - CL A&S DEANS	\$1,120.00	Homeschoolers' Perspectives on College and How to Best Serve This Growing Population
81	Goodyear-Kaopua J N	I-3	POLITICAL SCI DEPT - C OF SOC SCI	\$1,440.00	Rebuilding the 'auwai': Hawaiian schools, Kumu and the paradoxes of neoliberal educational reform
82	Gopalakrishnan C	R-5	NAT RES&ENVIRON MGMT - C OF TA &	\$1,500.00	Natural Disasters and Extreme Climate Events: Impacts and Implications for Water Resources Management
83	Gotay M J	I-5	MATHEMATICS DEPT - C OF NAT SCI	\$2,000.00	Covariance in the Metric Field Theory of Elasticity.
84	Grace D	I-5	INSTITUTE FOR TEACHER EDUCATION -	\$1,620.00	Exploring the Notion of Hawaii as a Melting Pot Session: Implementing Critical Place-Based Inquiry in Teacher Education
85	Groeniger S	I-3	ART & ART HISTORY DEPT - C ARTS &	\$600.00	Relish, Savor, Enjoy :Create Flavors for a Happy Life

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
86 Gu X	R-2	CHEMISTRY DEPT - C OF NAT SCI	\$1,700.00	Crossed Molecular Beams Study of Reactions Involving Hydrogen Cyanide (HCN).
87 Guo J	I-3	SCH SOC WORK - C OF HLTH SCI & S	\$2,000.00	Financing of Education: A Missing Dimension of Migrant Child Education Policy in China
88 Haghhighipour N	R-3	INST FOR AST - RES & DEAN OF GRAD	\$1,600.00	Color-Inclination Relation of Trojan Asteroids: What Do Dynamical Simulations Tell US?
89 Halagao P E	I-4	CURRICULUM STUDIES - C OF EDUC	\$2,000.00	Theorizing from Pain, Passion, and Hope: The Making of Filipino American Curriculum.
90 Hammer J	I-4	GEOLOGY & GEOPHYSICS - SCH	\$1,700.00	From Web to Classroom - Training Teachers on an Online Filipino American Curriculum.
91 Harwit E	I-5	ASIAN STUDIES - SCH OF P&AS	\$1,377.70	A Experimental Studies of the Kinetics and Energetics of Magma Crystallization
92 Hatfield E	I-5	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,400.00	China's Telecommunications Revolution and Implications for the Future
93 He H	I-3	ECONOMICS DEPT - C OF SOC SCI	\$1,200.00	Social Psychology and the Neuroscience of Love
94 Head J D	I-5	CHEMISTRY DEPT - C OF NAT SCI	\$1,641.38	Health Investment Over the Life Cycle
95 Heck R H	I-5	EDUC ADMIN DEPT - C OF EDUC	\$1,400.00	DFT Investigation of MoS2 nanoclusters used as desulfurization catalysts.
96 Helbling M	I-5	AMER STUDIES DEPT - C ARTS & HUM	\$1,400.00	School Leadership and School Improvement: Testing a Reciprocal Effects Model
97 Hellebrand E	S-3	GEOLOGY & GEOPHYSICS - SCH	\$1,200.00	Alain Locke's Cosmopolitan Project: Citizenship and Race/America and France
98 Helm S	I-3	PSYCHIATRY DEPT - C OF HLTH SCI &	\$1,400.00	Chromite-Hosted Hydrous Melt Inclusions in Oceanic Dumites
			\$1,600.00	Moving Toward Comprehensiveness and Sustainability in a Social Ecological Approach to Youth Violence Prevention: Lessons from the Asian/Pacific Islander Youth Violence

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
99 Herrero-Bervera E	R-5	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,700.00	Rock Magnetic Characterization Through an Intact Sequence of Oceanic Crust IODP Hole 1256D
100 Hey R	R-5	HI INST OF GEOP-PLTY - SCH O&ES&T	\$2,000.00	Propagating Rift Origin of the V-Shaped Ridges South of Iceland.
101 Higgins C	I-3	SECOND LANG STUDIES - C OF L L L	\$2,000.00	The role of social languages and cultural models in HIV/AIDS education.
102 Hitchcock C H	I-3	CTR ON DISABILITIES STUDIES - C OF	\$1,400.00	Cultural Competence: Developing and Assessing Multicultural Proficiency for Teachers and School Personnel in Hawaii
103 Hoffmann K	I-5	LANG&LIT EUROPE&AM - C OF L L L	\$2,000.00	Visions from Spitzner's Verandah: Shaping Anatomical Exhibits for a Cross-Disciplinary World.
104 Ho'omanawanui S K	I-3	ENGLISH DEPT - C OF L L L	\$1,300.00	Contested Ground: Land, Identity, and Nationhood in Hawaii
105 Hoonchamlong Y	I-4	INDO PAC LANG DEPT - C OF L L L	\$1,272.00	Integrating Pop Culture and Digital Media in Language Learning for Gen Y "the Digital Natives"
106 Hoover M	I-3	MUSIC DEPT - C ARTS & HUM	\$845.00	Beethoven's Symphony No. 9.
107 Houghton B	I-5	GEOLOGY & GEOPHYSICS - SCH	\$2,000.00	Basaltic Explosive Volcanism: Constraints from Deposits and Models.
108 Howes C	I-5	ENGLISH DEPT - C OF L L L	\$2,000.00	Life Writing and Literary and Institutional History
109 Hu J	R-5	PLT&ENVIRON PROT SCI - C OF TA &	\$2,000.00	Molecular diversity and management of Citrus tristeza virus in Hawaii.
110 Huang W	I-4	FIN ECON & INS DEPT - SHIDLER	\$2,000.00	Extreme Downside Risk and Stock Returns.
111 Hunt T L	I-5	ANTHROPOLOGY DEPT - C OF SOC	\$1,600.00	A Cultural Phylogeny of Statues on Rapa Nui (Easter Island) and the Implications for Prehistoric Social Organization
112 Iding M	I-5	EDUC PSYCHOLOGY DEPT - C OF	\$2,000.00	Toward a Metacognitive Approach to Credibility
113 Im S	I-3	EDUC PSYCHOLOGY DEPT - C OF	\$1,400.00	Diagnosing Statistical Inference Skills Using the Rule Space Model
114 Iorio J M	I-3	UH - WEST OAHU - UH - WEST OAHU	\$1,400.00	Crossing Boundaries: A Variety of Perspectives on Preschool Stories

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
115 Irwin K	I-4	SOCIOLOGY DEPT - C OF SOC SCI	\$1,500.00	Rational and Irrational Violence: Girls' Place in Subcultures of Violence
116 Ito K	I-5	MGMT & IR DEPT - SHIDLER COLLEGE	\$1,735.00	A Study of Millennium Organizations in Japan.
117 Jarrett J T	I-4	CHEMISTRY DEPT - C OF NAT SCI	\$1,364.00	Formation of the Biotin Thiophase Ring: A Novel Radical Mediated Formation of C-S Bonds Involving and Iron-Sulfur Cluster.
118 Jewitt D	R-5	INST FOR AST - RES & DEAN OF GRAD	\$1,800.00	"Ices in the outer Solar System"
119 Jiang H	I-3	GEOGRAPHY DEPT - C OF SOC SCI	\$1,475.00	Wither China's Great Green Wall: The Making of Ecological and Political Myths
120 Johnson D T	I-4	SOCIOLOGY DEPT - C OF SOC SCI	\$2,000.00	The Death Penalty in India.
121 Johnson K T M	R-5	GEOLOGY & GEOPHYSICS - SCH	\$1,800.00	Stacked Gabbro Units Convert Intervening Mantle to Troctolite in Hole U1309D, IODP Expedition 304/305
122 Jokiel P L	R-5	HAW INST OF MAR BIO - SCH O&ES&T	\$2,000.00	Impact of Ocean Acidification on Hawaiian Coral Reefs in the 21st Century
123 Jones R	I-3	GEOGRAPHY DEPT - C OF SOC SCI	\$1,470.00	Agents of Exception : Border Security and the Marginalization of Muslims in India
124 Jorgensen S	I-3	GEOGRAPHY DEPT - C OF SOC SCI	\$1,475.00	Landscape History and Population Genetic Structure of the Non-Native Weed <i>Arabidopsis thaliana</i> in the Southeastern United States
125 Juarez R	I-3	ECONOMICS DEPT - C OF SOC SCI	\$1,800.00	Group Strategyproof Cost Sharing
126 Jung B C	I-3	SCH OF ACCOUNTANCY - SHIDLER	\$1,600.00	Earnings Smoothing Activities of Firms to Manage Credit Ratings.
127 Kaomea J	I-4	CURRICULUM STUDIES - C OF EDUC	\$1,400.00	A Postcolonial Reading of the Historical Construction of Always Already Failing Hawaiian Family
128 Kasper G	I-5	SECOND LANG STUDIES - C OF L L L	\$2,000.00	Addressing Off-Task Uptake in the Oral Proficiency Interview.
129 Katz A R	I-5	PUB HLTH SCI DEPT - C OF HLTH SCI &	\$1,665.00	Leptospirosis in Hawaii, 1999-2006: Epidemiologic and clinical analysis of 174 laboratory-confirmed cases.
130 Kaufman A	S-3	TROP PLAN&SOIL SCI - C OF TA & HR	\$1,500.00	Above the Street, Below the Clouds: People's Psychophysiological Responses to Green Roof Landscaping in Urban Hawaii

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
131 Kaufman L V	R-2	PLT&ENVIRON PROT SCI - C OF TA &	\$2,000.00	The Role of Anagyrus Loecki (Hymenoptera: Encyrtidae) in Suppressing Paracoccus Marginatus (Hemiptera: Pseudococcidae) in Commercial Papaya Farms in Hawaii
132 Keeley S C	I-5	BOTANY DEPT - C OF NAT SCI	\$1,840.00	Relationships among North and South American species within two genera of Vernoniaeae(Compositae); Preliminary phylogenetic relationships in Thai Vernoniaeae (Compositae); and A preliminary phylogeny of Astelia (Asteliaceae): Implications for identifying pathways of long-distance dispersal in the Pacific.
133 Kelley L C	I-4	HISTORY DEPT - C ARTS & HUM	\$1,222.00	Loyal Servant, Numinous Deity, National Hero: The Biographical Transformations of Tran Hung Dao
134 Kennedy A	I-3	ENGLISH DEPT - C OF L L L	\$1,683.00	Unpacked: Women Poets Reassemble Narratives in Their New(ish) Location of Aotearoa/ New Zealand.
135 Kent G	I-5	POLITICAL SCI DEPT - C OF SOC SCI	\$2,000.00	" Global Obligations for the Right to Food"
136 Kim J H	I-3	SPEECH DEPT - C ARTS & HUM	\$1,800.00	A Rediscovery of Web as a Medium of Political Alliance.
137 Kimura E	I-3	POLITICAL SCI DEPT - C OF SOC SCI	\$1,300.00	Subnational Territoriality in Post-Suharto Indonesia
138 Klingebiel K	I-5	LANG&LIT EUROPE&AM - C OF L L L	\$2,000.00	Syntaxe de 'far' causative dans la COM: "als fols fai cujar lo folatje"
139 Kobayashi K D	R-4	TROP PLAN&SOIL SCI - C OF TA & HR	\$1,700.00	" Effect of Alternative Potting Media and Fertilizer Level on Potted Impatiens", and " Photoselective Shadecloths Influence Flowering of Dendrobium Orchids"
140 Koikari M	I-4	WOMENS STUDIES PROG - C OF SOC	\$1,500.00	Masculinity on the Edge of American Empire : Race, Gender, and Sexuality in Japanese American Veterans' WWII Narratives
141 Koo H	I-5	SOCIOLOGY DEPT - C OF SOC SCI	\$1,700.00	The Rise and Fall of the Militant Labor Movement in South Korea.
142 Kratky B A	R-5	TROP PLAN&SOIL SCI - C OF TA & HR	\$2,000.00	Three Non-Circulating Hydroponic Mthds for Grwng Lettuce.

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
143 Krishna S	I-5	POLITICAL SCI DEPT - C OF SOC SCI	\$1,400.00	Reading IR Through the Postcolonial Novel: Nation and Subjectivity in India
144 Kudo E T	I-5	MUSIC DEPT - C ARTS & HUM	\$1,700.00	PLAY ON PLAY
145 Kuh A	I-5	ELECT ENGINRG DEPT - C OF ENGINRG	\$2,000.00	Applications of Complex Augmented Kernels to Wind Profile Prediction
146 Kwak S	I-3	ECONOMICS DEPT - C OF SOC SCI	\$1,708.00	Taxing Timeshare Occupancy.
147 La Croix S	I-5	ECONOMICS DEPT - C OF SOC SCI	\$1,443.00	Company Colonies, Property Rights, and the Extent of Settlement: A Case Study of Dutch South Africa, 1652-1795
148 Lai M K		CRDG - C OF EDUCATION	\$1,400.00	Avoiding the Ethical and Methodological Deficiencies Found in Widely Acclaimed Early Childhood Education Studies
149 Lanzona M V	I-3	HISTORY DEPT - C ARTS & HUM	\$1,567.00	Voices from the Underground: Life Stories of Women in the Huk Rebellion in the Philippines.
150 Larish M D	I-4	ENGLISH - HAWAII CC	\$2,000.00	The Proto-Asian Hypothesis Revisited: The Mechanics of the Geo-Ethnolinguistic Time Machine
151 Lau F	I-5	MUSIC DEPT - C ARTS & HUM	\$1,558.60	Almost Forgotten Songs: Cantonese Pop Music of 1960s Hong Kong
152 Lauzon M	I-3	HISTORY DEPT - C ARTS & HUM	\$1,300.00	Language of Commemoration : From the quarrel of the arc de triomphe to the French Revolution
153 Le Saux O	I-3	CELL & MOLECULAR BIOLOGY - C OF ART & ART HISTORY DEPT - C ARTS &	\$1,600.00	Elastin Aberration in PXE
154 Lee C H	I-3	INST FOR AST - RES & DEAN OF GRAD	\$2,000.00	Speaking to the Present: Hawaiian Language Newspapers.
155 Li J	R-3	ELECT ENGINRG DEPT - C OF ENGINRG	\$2,000.00	" On the Relationship between Filament Eruptions and Coronal Mass Ejections" and " Processing Imaging Vector Magnetogram (IVM) Data"
156 Liang Y	I-3	TIM DEANS OFF - SCH OF TIM	\$1,580.00	Secrecy Throughput of MANETs with Malicious Nodes
157 Lin I	I-3		\$2,000.00	A Cross-Cultural Study in Understanding Restaurant Servers' Preferences to Different Tipping Systems.

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
158 Lin M-F G	I-3	EDUC TECHNOLOGY - C OF EDUC	\$1,400.00	Survey Research on Motivational Elements of YouTube: Age and Education Matter
159 Lin S H	I-3	FAMILY&CONSUMER SCI - C OF TA &	\$1,400.00	Preservation and Care of Black and Brown, and Black Mud-dyed Silks from Southeast China and Southeast Asia
160 Linhares C H	I-3	NURSING DEPT - C OF HLTH SCI & S W	\$1,999.52	Mana From Heaven: The Essential Structure of the Lived Experiences of Nurse-Midwives with the Concept of Spirituality and Childbirth - a Phenomenological Study
161 Littman R J	I-5	LANG&LIT EUROPE&AM - C OF L L L	\$1,500.00	The Dating of Sophocles' Antigone Once Again
162 Litton C M	I-3	NAT RES&ENVIRON MGMT - C OF TA &	\$1,400.00	Belowground Carbon Flux and Partitioning: Global Patterns and Response to Temperature
163 Liu Q	I-3	FIN ECON & INS DEPT - SHIDLER	\$1,500.00	Estimating Betas from High-Frequency Data.
164 Liu Y	I-3	INFO TECH. MGMT. DEPT - SHIDLER	\$1,735.00	Complexity Arbitrage in Offshore Outsourcing in the symposium of "Offshoring of IT and Business Services: What Are the Consequence for Work Performance?"
165 Logan J	I-4	LANG&LIT EUROPE&AM - C OF L L L	\$2,000.00	News on High: Local Histories and Global Desires in Argentine Mountaineering
166 Lohmann G M	I-3	TIM DEANS OFF - SCH OF TIM	\$1,000.00	The State of the Art in Cruise Tourism: An Analysis of 66 International Journal Articles
167 Loong C-Y	I-3	MUSIC DEPT - C ARTS & HUM	\$1,660.00	A Qualitative Ethnographic Research: Early Childhood Music Education in China
168 Lu Y	I-5	PUB HLTH SCI DEPT - C OF HLTH SCI &	\$1,900.00	Molecular Isolation and Biological Characterization of a Newly Identified Putative Shrimp B-Action Promoter from Litopenaeus Vannamei
169 Lum B J	I-4	INSTITUTE FOR PEACE - C OF SOC SCI	\$2,000.00	Sustaining Cultures of Peace through Transformative Practices in Mediation.
170 Machosky B	I-3	UH - WEST OAHU - UH - WEST OAHU	\$1,400.00	The Role of Hamlet in Goethe's Wilhelm Meisters Lehrjahre

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
171 Magdalena F V	S-3	CTR PHILIPPINE STU - SCH OF P&AS	\$1,567.00	Dabao-kuo and the Filipinization of Mindanao.
172 Mak J	I-5	ECONOMICS DEPT - C OF SOC SCI	\$1,458.00	Saving the Last "American" Cruise Ship.
173 Man G	I-5	ENGLISH DEPT - C OF L L L	\$1,700.00	Inarritu & Arriaga's Multiple Melodramas: Genre and Narrative
174 Manghmani M	R-5	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,400.00	Crystal Chemistry of Hydrous Forsterite and its Vibrational Properties and Compressibility and Structural Stability of Hydrous Olivine F097Fa3 up to 34GPa by XRD and Raman Spectroscopy
175 Martel S	I-5	GEOLOGY & GEOPHYSICS - SCH	\$2,000.00	Growth of Faults in Crystalline Rock
176 Martin A	C-5	HUMANITIES - WINDWARD CC	\$800.00	2-D Design is Alive and Well, Using Hands On
177 Martindale M Q	R-5	PAC BIRS CT - RES & DEAN OF GRAD	\$2,000.00	The developmental basis for body plan organization in the Eumetazoa.
178 Mathis P B	I-3	UH - WEST OAHU - UH - WEST OAHU	\$390.00	Social Studies is Electrifying via the World Wide Web!
179 Matter M L	I-3	CELL & MOLECULAR BIOLOGY - C OF	\$1,400.00	Regulation of Vascular Permeability Is Mediated Via Filamin A and R-Ras
180 Matteson C K	I-3	HISTORY DEPT - C ARTS & HUM	\$1,900.00	Wooden Walls and Floating Fortresses: French Naval Ambitions and the Origins of Modern Environment Conservation
181 Maynard A E	I-4	PSYCHOLOGY DEPT - C OF SOC SCI	\$2,000.00	Mirror Self Recognition Among the Zinacantec Maya of Mexico.
182 McAndrews K M	I-4	ENGLISH DEPT - C OF L L L	\$2,000.00	Modes of Self-Presentation in the Parisian Journal of Lot Kamehameha
183 McDonald M G	I-4	GEOGRAPHY DEPT - C OF SOC SCI	\$750.00	Grain of Empire: Japanese Rice Varieties in the United States
184 McHenry R	I-5	ENGLISH DEPT - C OF L L L	\$1,400.00	What Dryden Was Trying to Do to Shakespeare
185 McMurtry G M	I-4	OCEANOGRAPHY - SCH O&ES&T	\$1,400.00	Stratigraphy and U-series Geochronology of Late Quaternary Megatsunami Deposits in Hawaii
186 McNally M	I-4	HISTORY DEPT - C ARTS & HUM	\$1,250.00	The Role of Philology in Tokugawa Nativism and Exceptionalism

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
187 McQuiston K	I-3	MUSIC DEPT - C ARTS & HUM	\$1,080.00	Musical Evidence in the Stanley Kubrick Archive: A Survey of Documents
188 Medina R A		LANG TELECOMM CTR - C OF L L L	\$2,000.00	Inscriptions Becoming Representations
189 Melzer M	R-2	PLT&ENVIRON PROT SCI - C OF TA &	\$2,000.00	Development of transgenic Mexican lime plants for resistance to citrus tristeza virus using post-transcriptional gene silencing.
190 Menchaca M	I-3	EDUC TECHNOLOGY - C OF EDUC	\$2,000.00	Understanding Barriers to Native Hawaiian Participation in Distance Education
191 Mescall D	I-3	SCH OF ACCOUNTANCY - SHIDLER	\$1,600.00	How do transfer pricing policies affect premia in cross-border mergers and acquisitions?
192 Mironesco M	I-3	UH - WEST OAHU - UH - WEST OAHU	\$884.00	The Romance is Gone: Changes in Women's Roles in French Farmers' Markets
193 Mohammed G S		HAMILTON LIBRARY - LIBRARY SERV	\$1,630.00	Hawaiian Aerial Photographs: Creating a Visual Interface with Flight Line Diagrams.
194 Morelli P T	I-4	SCH SOC WORK - C OF HLTH SCI & S	\$1,670.00	Indigenizing Social Work Education: A Call for Relevance in the 21st Century
195 Morgan C F	I-3	KINESI & REHABILITATION SCI - C OF	\$1,445.00	Physical Activity and Overweight Disparities in Guamanian and Palauan Adolescents
196 Moulin J F	I-5	MUSIC DEPT - C ARTS & HUM	\$1,700.00	Trailing Images: Hula and Theatre Advertising in Hawaii.
197 Mount J	I-5	MUSIC DEPT - C ARTS & HUM	\$2,000.00	Sing the role of "Frate" in Opera Hong Kong's production of Don Carlo.
198 Nagatsuka J	I-3	EDUC ADMIN DEPT - C OF EDUC	\$1,753.00	The Decline in the Admission of Underrepresented Minority Students to Select Public Institutions after the Implementation of Anti-Affirmative Action Legislation
199 Nakajima S	I-3	SOCIOLOGY DEPT - C OF SOC SCI	\$1,400.00	A Sociological Analysis of Xie Jin as Cinematic Auteur: Toward a New Sociology of Film Directors
200 Narikon W D	I-3	SPECIAL EDUC DEPT - C OF EDUC	\$1,300.00	Pre-service Teacher Beliefs: Teaching Reading to Students with and without Learning Disabilities

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
201 Nguyen T T T	S-3	CRDG - C OF EDUCATION	\$1,000.00	Web Sites as Optimal Project and Collaboration Point for Students
202 Nicholson P	I-5	ENGLISH DEPT - C OF L L L	\$2,000.00	Irony vs. Paradox in the Confessio Amantis.
203 Nishimura A	I-3	UH - WEST OAHU - UH - WEST OAHU	\$1,000.00	Re-Constructing the Asian American Body and Plantation Pathos in Chris McKinney's The Tattoo
204 Nishimura S	I-3	PSYCHIATRY DEPT - C OF HLTH SCI &	\$1,500.00	Adolescent Substance Use in a Multicultural Population: Preliminary Findings of the Hawaii Student Alcohol, Tobacco and Other Drug Use Study
205 Norris J M	I-4	SECOND LANG STUDIES - C OF L L L	\$1,500.00	Critical Issues at the Interface Between Assessment and U.S. Language Education Policy
206 Norton C J	I-3	ANTHROPOLOGY DEPT - C OF SOC	\$1,400.00	The Nature of Megafaunal Extinctions During the OIS 3-2 Transition in Japan
207 Noy I	I-4	ECONOMICS DEPT - C OF SOC SCI	\$1,455.00	What Do Exogenous Shocks Tell Us About Growth Theories?
208 Ochner N M	I-4	E A LANG & LIT DEPT - C OF L L L	\$2,000.00	The Spirit and Body in the Works of Enchi Fumiko.
209 Odin S	I-5	PHILOSOPHY DEPT - C ARTS & HUM	\$980.00	Environmental Ethics in Whitehead's Ecological Vision of Nature, Japanese Shizengaku & Green Buddhism
210 O'Donnell C R	I-5	PSYCHOLOGY DEPT - C OF SOC SCI	\$773.87	Youth Mentoring: Current State of the Field
211 Okada E M	I-4	MARKETING DEPT - SHIDLER COLLEGE	\$1,500.00	Green Product Pricing Premium and the Thoughtful Consumer
212 Ornelles C	I-4	SPECIAL EDUC DEPT - C OF EDUC	\$1,300.00	Inclusion of Students with Mild Disabilities: Accessing the General Curriculum
213 Orr S	I-4	UH - WEST OAHU - UH - WEST OAHU	\$1,106.00	Hawaii Noir
214 Ortega Alvarez-Ossorio L	I-4	SECOND LANG STUDIES - C OF L L L	\$1,500.00	A Sociology of Replication and Replicability in Applied Linguistics
215 Osborne T	I-3	MUSIC DEPT - C ARTS & HUM	\$1,450.00	And the Waves Sing Because They are Moving

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
216 Park H-J	I-3	ARCH DEANS OFF - SCH OF ARCH	\$1,600.00	BODY +SPACE: Exploring Morphological Transformation of Body Movements in the Design of a Transformable Structure
217 Park M	I-3	NURSING DEPT - C OF HLTH SCI & S W	\$1,500.00	Family care of Asian American immigrants with mental illness: Psychiatric providers' perspectives
218 Park S-Y	I-3	TIM DEANS OFF - SCH OF TIM	\$2,000.00	Asian Giants: Skyscrapers as Tourist Attractions and as Environmental Issues.
219 Payne P D	I-4	ENGLISH DEPT - C OF L L L	\$1,000.00	The Rhetorician as Local Agent of Global Change: Engaging Globalization and Social Movements in Rhetcomp
220 Perez E A	R-2	PLT&ENVIRON PROT SCI - C OF TA &	\$1,700.00	The Virulence of Banana Bunchy Top Virus in Banana Plants after Injection with a Bananacide.
221 Perkinson R	I-4	AMER STUDIES DEPT - C ARTS & HUM	\$1,577.00	Convict Culture and Institutional Change: The Decline of For-Profit Criminal Punishment in Texas
222 Perrett R	I-5	PHILOSOPHY DEPT - C ARTS & HUM	\$2,000.00	Memory, Doubt and the Self.
223 Phillips V	I-3	METEOROLOGY - SCH O&ES&T	\$2,000.00	Effects from Dust and Soot on the Glaciation and Precipitation Production of Convective Clouds in a Tropical Atlantic Hurricane.
224 Pietrusewsky M	I-5	ANTHROPOLOGY DEPT - C OF SOC	\$1,442.00	Health Status and Lifestyle in Early Neolithic and Later Iron Age Taiwan : Dental Indicators
225 Porter J	R-4	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,800.00	Measuring Cloud Motion Wind Vectors from Ground Based Stereo Camera
226 Potemra J T	S-3	HI INST OF GEOP-PLTY - SCH O&ES&T	\$2,000.00	Sensitivity of tropical rainfall to Banda Sea diffusivity in the NCAR Community Climate System Model (CCSM).
227 Prizzia R	I-5	UH - WEST OAHU - UH - WEST OAHU	\$1,700.00	Disaster Management in Hawaii: The Role of Coordination and Training.
228 Rajabipour F	I-3	CIVIL ENGINRG DEPT - C OF ENGINRG	\$1,872.00	Shrinkage Reducing Admixtures: Interactions with Concrete's Pore Solution and Effects on Cement Hydration
229 Ramos J W	R-3	CANCER CT HI - RES & DEAN OF GRAD	\$1,400.00	Negative Regulation of T Cell Mediated Immune Responses via PEA-15 Modulation of ERK Signaling

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
230 Rappe M S	R-3	HAW INST OF MAR BIO - SCH O&ES&T	\$2,000.00	Drivers of Bacterioplankton Composition in the North Pacific Subtropical Gyre
231 Reilly A	I-3	FAMILY&CONSUMER SCI - C OF TA &	\$1,990.00	Gay Men who Sun, Salon, and Cosmetic Tan: Differences in Body Image, Self-Esteem, and Internalized Homophobia.
232 Riner M	R-3	HI INST OF GEOP-PLTY - SCH O&ES&T	\$2,000.00	Spectra of Opaque Oxides: Reconciling Low Silicate FeO and High Oxide Abundances on Mercury
233 Roberts S B	I-4	EDUC ADMIN DEPT - C OF EDUC	\$1,400.00	Factors Influencing Teacher Retention and Quality in Private Schools: Implications for Leadership and Policy
234 Robertson I N	I-5	CIVIL ENGINRG DEPT - C OF ENGINRG	\$1,500.00	Performance of Corrosion Inhibitors in Concrete Exposed to Marine Environment.
235 Robinow S	I-5	ZOOLOGY DEPT - C OF NAT SCI	\$1,642.00	The Unfulfilled/DHR51 Gene is Required for the Development of Mushroom Body Neupopil
236 Romaniello M P	I-3	HISTORY DEPT - C ARTS & HUM	\$1,400.00	Russian Travelers To Muslim Lands in the Early Modern Era
237 Rosenlee L	I-3	UH - WEST OAHU - UH - WEST OAHU	\$1,500.00	"The Middle Kingdom and Its Barbarians"
238 Roumasset J	I-5	ECONOMICS DEPT - C OF SOC SCI	\$2,000.00	Governing the Resource: Institutional Change with Endogenous Resource Scarcity
239 Rubin K	I-5	GEOLOGY & GEOPHYSICS - SCH	\$2,000.00	The Right Filter: How Melt Supply and Magma Chambers Modulate Mantle Compositions in MORB.
240 Rubinoff D	I-4	PLT&ENVIRON PROT SCI - C OF TA &	\$2,000.00	Asymmetrical Speciation and Relictual Host Plant Use in The Holarctic Genus <i>Syndemis</i> (Tortricidae)
241 Ruttenberg K	I-3	OCEANOGRAPHY - SCH O&ES&T	\$2,000.00	Sorption Characteristics of Dissolved Organic Phosphorus onto Iron (Oxy)hydroxides in seawater.
242 Salzman M	I-5	COUNSELOR EDUC DEPT - C OF EDUC	\$2,000.00	Ethno-Cultural Conflict and Cooperation in Hawaii.
243 Santiago L Q	I-3	INDO PAC LANG DEPT - C OF L L L	\$960.00	Cold Feet or Cold Heart in Cold Country: Baguio in Ilokano Imagination

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
244 Schafer A J	I-4	LINGUISTICS DEPT - C OF L L L	\$1,300.00	Implied Meaning Through Contrastive Prosody: Evidence From Sentence Continuation and Picture Naming
245 Schwartz B D	I-5	SECOND LANG STUDIES - C OF L L L	\$1,300.00	Nonnatives' Knowledge and Processing of Number Agreement in English
246 Schwartz J	I-3	UH - WEST OAHU - UH - WEST OAHU	\$1,415.00	Are General Education Teachers Being Prepared to Teach Special Education Students?
247 Seo J	I-3	POLITICAL SCI DEPT - C OF SOC SCI	\$1,569.88	Politics of History and memory in China: Dilemmas of borderline history and Chinese nationalism.
248 Shapiro M J	I-5	POLITICAL SCI DEPT - C OF SOC SCI	\$1,400.00	Cowboys' on the Border
249 Sharma S	R-4	CANCER CT HI - RES & DEAN OF GRAD	\$2,000.00	Assessing Dietary Intake for a Colorectal Adenoma Case-Control Study in Sao Paulo Japanese Brazilians.
250 Sheldon P J	I-5	TIM DEANS OFF - SCH OF TIM	\$800.00	Values as Pillars for Sustainable Tourism: Cross-Cultural Perspectives
251 Sherwood A R	I-4	BOTANY DEPT - C OF NAT SCI	\$2,000.00	The Hawaiian Rhodophyta Biodiversity Project
252 Sibley G P	I-4	ENGLISH DEPT - C OF L L L	\$1,100.00	George Eliot and the Satire Nobody Wants
253 Silva N K	I-4	POLITICAL SCI DEPT - C OF SOC SCI	\$1,216.00	No Ke Kaiakahanalii: The First Published Mo'olelo
254 Sinton J	R-5	GEOLOGY & GEOPHYSICS - SCH	\$2,000.00	Lava shields and fissure eruptions of the Western Volcanic Zone, Iceland: evidence for magma chambers and crustal interaction; Isopic variations in postglacial volcanic products of the Western Rift Zone, Iceland; and Pre- & syn-eruptive conditions of individual submarine rift zone eruptions at ocean ridges: detailed geological, chronological & geochemical mapping.
255 Sipes B	R-5	PLT&ENVIRON PROT SCI - C OF TA &	\$2,000.00	Disinfecting Planting Material of Nematodes.
256 Slaughter H	I-5	CURRICULUM STUDIES - C OF EDUC	\$1,700.00	Selecting Authentic Hawaii Literature for Adolescents and Adults
257 Slovin H	I-3	CRDG - C OF EDUCATION	\$1,820.00	Success in Algebra.

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

	PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
258	Smith G J	I-5	SPECIAL EDUC DEPT - C OF EDUC	\$1,300.00	Co-Teaching in a Secondary Setting: A Story of Application Rather than Explanation
259	Smith W	I-5	MATHEMATICS DEPT - C OF NAT SCI	\$1,800.00	Composition Operators on Function Spaces Related to Brennan's Conjecture.
260	Sponsele E	I-5	ANTHROPOLOGY DEPT - C OF SOC	\$1,415.00	Ethnoprimateology from the Amazon to Thailand and Beyond
261	Stanton J	I-4	AMER STUDIES DEPT - C ARTS & HUM	\$1,600.00	A Monument to Musial: A Statue Few People Like Becomes a Memorial Everyone Loves
262	Steffen A D	S-3	CANCER CT HI - RES & DEAN OF GRAD	\$1,600.00	Does an Intensive Measurement Protocol Affect Nutrient Intakes from Dietary Supplements? Results from the SURE Study
263	Steinhoff P G	I-5	SOCIOLOGY DEPT - C OF SOC SCI	\$1,500.00	Studying Conflict in Japan Since 1984 and Japan's Invisible Civil Society: How Post-New Left Groups Mobilize and Maintain Protest Movements.
264	Stephenson C M	I-4	POLITICAL SCI DEPT - C OF SOC SCI	\$2,000.00	Comparing the anti-Iraq War Movements.
265	Stewart R F	I-5	ENGLISH DEPT - C OF L L L	\$2,000.00	The Ethical Imagination and the Future of World Fiction"
266	Stokes A J	R-3	CELL & MOLECULAR BIOLOGY - C OF	\$1,600.00	Regulation of Mast Cell TRPV1 Activation by PGK Phosphorylation
267	Su V	R-2	CANCER CT HI - RES & DEAN OF GRAD	\$702.85	Proteasomal Degradation of Connexin43 Facilitated by CIP75
268	Suthers D D	I-5	INFO & COMP SCI DEPT - C OF NAT SCI	\$2,000.00	Tracing the Development of Representational Practices
269	Szuster B	I-3	GEOGRAPHY DEPT - C OF SOC SCI	\$1,315.00	Dimensionality of Scuba Diver Perceptions of Crowding
270	Ta V M	I-3	PUB HLTH SCI DEPT - C OF HLTH SCI &	\$1,600.00	How do generational status and family cohesion affect the receipt of mental health services among Asian Americans: Findings from the National Latino & Asian American Study
271	Takanishi S M	I-2	INSTITUTE FOR TEACHER EDUCATION -	\$700.00	School Processes and Students' Likelihood to Attain Proficiency: Testing a Longitudinal Model

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
272 Tao J L	I-4	PUBLIC ADMIN - C OF SOC SCI	\$1,200.00	Does a Hollow State Cast a Shadow? Private Government and the Thinning of Local Governance
273 Tateyama Y	I-2	E A LANG & LIT DEPT - C OF L L L	\$1,200.00	Instructional Effects in Pragmatics and Different Outcome Measures: The Case of Japanese Requests
274 Taylor G J	R-5	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,500.00	Planetary Geochemistry: Searching for Generalities
275 Thieberger N	I-3	LINGUISTICS DEPT - C OF L L L	\$1,660.00	The Importance of Technological Standards and Training in Language Documentation.
276 Tiles M	I-5	PHILOSOPHY DEPT - C ARTS & HUM	\$1,700.00	Is Historical Epistemology Part of the "Modernist Settlement"?
277 Totani Y	I-3	HISTORY DEPT - C ARTS & HUM	\$2,000.00	The Case against the Accused: The Relevance of the Tokyo Precedents Today.
278 Trimillos R D	I-5	ASIAN STUDIES - SCH OF P&AS	\$1,687.00	The Poetics of Indigenous Ritual in Roman Catholic Philippines; music and mimesis in a folk tradition of Holy Week.
279 Tseng W-S	I-5	PSYCHIATRY DEPT - C OF HLTH SCI &	\$2,000.00	Body, Mind, and Culture (Plenary presentation)
280 Twomey S	I-3	CURRICULUM STUDIES - C OF EDUC	\$1,400.00	Impossible Literacies: Girls, Computers, and Creative Writing
281 Umemoto K	I-5	URB & REG PLAN DEPT - C OF SOC SCI	\$1,895.00	The Tautological Trap in Sustainability Planning.
282 Vargo S L	I-4	MARKETING DEPT - SHIDLER COLLEGE	\$2,000.00	Foundations of Resource-Integration Theory: Toward an S-D Logic Informed Theory of the Market
283 Vatrappu R K	R-2	INFO & COMP SCI DEPT - C OF NAT SCI	\$2,000.00	1) Cultural Usability in Computer Supported Collaboration; 2) On Technological Intersubjectivity; 3) A Case Study of Information Foraging in a Mock E-Voting Scenario; and 4) Towards Voter-Centered Design: A Demonstration of VotesBy.US
284 Vicic D A	I-4	CHEMISTRY DEPT - C OF NAT SCI	\$2,000.00	New Advances in Alkyl-Alkyl Cross-Coupling Reactions.

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

	PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
285	Vitiello G	I-4	E A LANG & LIT DEPT - C OF L L L	\$1,622.28	Homosexuality and Masculinity in Ming/Qing Erotic Fiction
286	Waller R G	R-3	OCEANOGRAPHY - SCH O&ES&T	\$2,000.00	Reproductive Strategies in Southern Ocean Cold-Water Corals
287	Wang C H	I-3	ACADEMY FOR CREATIVE MEDIA - CL	\$1,300.00	King Hu and Run Run Shaw and the Motion Picture that Made Martial Arts History
288	Wang G	I-4	OCEANOGRAPHY - SCH O&ES&T	\$2,000.00	Impact of anthropogenic activities on marine ecosystem & global marine biodiversity.
289	Wang K-H	R-3	PLT&ENVIRON PROT SCI - C OF TA &	\$1,700.00	Effects of Two Cover Crops on Nematode Communities in Helicotylenchus Multicinctus Infested Banana Fields.
290	Wayne V	I-5	ENGLISH DEPT - C OF L L L	\$1,500.00	Huffing Heroes the Metatheatricality of Dramatic Romance
291	Wen H	I-3	TIM DEANS OFF - SCH OF TIM	\$2,000.00	Travelers' Attitudes Toward Online Shopping and the Impact on Purchase Intention
292	Weng K C	R-3	OCEANOGRAPHY - SCH O&ES&T	\$2,000.00	Migration and Habitat Use of Blue Sharks in the Eastern North Pacific Ocean.
293	Wessel P	I-5	GEOLOGY & GEOPHYSICS - SCH	\$2,000.00	" Marine Gravity from Satellite Altimetry and the Search for Seamounts and Oceanic Fracture Zones", " Pacific Absolute Plate Motion since 145 Ma: Pushing the Fixed Hotspot Hypothesis to the Limit" and " The Generic Mapping Tools (GMT) Open Software System"
294	Wessendorf M	I-4	THEATRE & DANCE DEPT - C ARTS &	\$2,000.00	Terrorist Violence and Its Violent Distortion in Three American Post-9/11 Plays
295	White G	I-5	ANTHROPOLOGY DEPT - C OF SOC	\$1,600.00	Is Psychological Anthropology's "Self" Cultural Anthropology's "Culture"? Reflections on the Politics and Practice of Self Theory"
296	Womack D R	I-5	MUSIC DEPT - C ARTS & HUM	\$1,644.00	"Double Sided", "Float in a Raindrop", "Ride a Bolt of Lightning", and "Walk Across the Surface of the Sun"

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

	PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
297	Workman R K	R-3	GEOLOGY & GEOPHYSICS - SCH	\$2,000.00	Origin of Mantle End-members and the Role of Depleted Oceanic Lithosphere.
298	Wright L A	I-5	MUSIC DEPT - C ARTS & HUM	\$1,040.50	Comparing the Boheme Productions in Fin-de Siecle Paris: Reflections on Nationalism, Aesthetics and Competition.
299	Xu Y	I-3	PSYCHOLOGY DEPT - C OF SOC SCI	\$1,500.00	Parenting Practices and Shyness in Chinese Children
300	Yamamoto E K	I-5	LAW DEANS OFF - SCH OF LAW	\$1,028.00	"Social Healing Through Justice"
301	Yamauchi Y	R-2	ANAT, BIOCHEM, PHYSIOL & REPRO	\$1,200.00	" Live Offspring Obtained after ICSI with Sperm from Mice with Absence of the Y Chromosome Long Arm" ;" Paternal DNA Damage Resulting from Various Sperm Treatments Can be Detected Both Before and After Fertilization and Is Similar Prior to After DNA Synthesis"; " Assisted Reproduction Technologies Impair Placental Steroid Metabolism"; and " Mouse Zygotic Pronuclei Autonomously Regulate DNA Synthesis"
302	Yamazaki Y	I-3	ANAT, BIOCHEM, PHYSIOL & REPRO	\$1,300.00	Autonomous regulation of sex differentiation in mouse fetal germ cells.
303	Yan T	I-3	CIVIL ENGINRG DEPT - C OF ENGINRG	\$1,615.00	Impact of Indigenous Microbial Community on the Survival of Fecal Indicators in Hawaiian Beach Sand
304	Yangihara A A	R-3	PAC BI RS CT - RES & DEAN OF GRAD	\$1,000.00	Discovery of a Novel Pluripotent Cubozoan Lipase: Integrated Toxin Pathogenesis in Cubozoan Envenomation
305	Yancura L	I-3	FAMILY&CONSUMER SCI - C OF TA &	\$1,577.00	An Intergenerational Life Review Protocol for Adolescents
306	Yeh H-C	S-3	METEOROLOGY - SCH O&ES&T	\$1,565.00	The Application of Satellite-Derived Dataset in the Analysis and Numerical Weather Prediction of the Winter Storms in Hawaii
307	Yoo T J	I-4	HISTORY DEPT - C ARTS & HUM	\$1,252.00	Colonial Madness: Psychiatry Under Japanese Colonial Rule
308	Yoshimi D R	I-4	E A LANG & LIT DEPT - C OF L L L	\$1,000.00	New Perspectives on L2 Development: Learner Stories of Personal Experience

TABLE 2. 2008 - 2009 FACULTY TRAVEL TO PROFESSIONAL CONFERENCES

PRINCIPAL INVESTIGATOR	RANK	DEPARTMENT	AMOUNT	PAPER
309 Yu R	R-3	MOL BIOSCI&BIOSYS EG - C OF TA &	\$1,200.00	Exploratory Application of Agent Based Modeling in Hawaii's Longline Fishery
310 Yuan S C-W	S-3	CTR ON THE FAMILY - C OF TA & HR	\$1,572.90	The Trend of Intergenerational Coresidence Among Older Chinese in the United States, 1960-2006
311 Zhao X	I-3	MARKETING DEPT - SHIDLER COLLEGE	\$2,000.00	Decoding Controversial Campaigns: China's Ad Law and Political Symbols and Imagined Nationhood: Advertising Nationalism in Republican Shanghai.
312 Zhou K	I-4	POLITICAL SCI DEPT - C OF SOC SCI	\$1,541.41	Product Order Form (dingdan) Revolution and Its Impact on the Political Economy of Sino-US Textile Trade.
313 Zimin P	R-4	HI INST OF GEOP-PLTY - SCH O&ES&T	\$1,400.00	Laser Generation and Detection of Longitudinal and Shear Acoustic Waves in a Diamond Anvil Cell
314 Zuern J	I-4	ENGLISH DEPT - C OF L L L	\$2,000.00	My Own Thoughts in My Own Body: Corporeality, Materialism, and Ethics in Louis Althusser's The Future Lasts Forever
315 Zuo Y	I-3	MECH ENGINRG DEPT - C OF ENGINRG	\$1,900.00	AFM Examination of Pulmonary Surfactant at Low Surface Tensions
		Grand Total	315	\$506,355.82

TABLE 3. Data For 2008 - 2009 Distribution of Facilitating Services Fund

Department	Basis	Allocation
Cancer Research Center	\$ 3,989,949.62	\$ 1,994,975.00
College of Arts & Humanities	13,900.12	6,950.00
College of Arts & Sciences	5,824.11	2,912.00
College of Business	45,512.70	22,756.00
College of Education	191,030.80	95,515.00
College of Engineering	1,264,437.34	632,219.00
College of Lang. Ling. & Lit.	194,904.53	97,452.00
College of Natural Sciences	2,668,636.92	1,334,318.00
College of Social Sciences	884,063.33	442,032.00
College of Tropical Agriculture & Human Resources	1,321,870.88	660,935.00
Cont Ed & Comm Svc & Outreach	6,087.18	3,044.00
Curriculum Research & Development Group	286,337.46	143,169.00
Information Technology Science	2,342,989.38	1,171,495.00
Information Technology Science - PDC	886,231.77	443,116.00
Institute for Astronomy	1,983,121.78	991,561.00
Library Services	1,669.02	835.00
Office of Chancellor	138,477.04	69,239.00
Office of Student Affairs	225,464.20	112,732.00
OTTED	5,143.49	-
Pacific Biomedical Research Center	744,726.51	372,363.00
School Ocean & Earth Science & Technology	10,893,760.46	5,446,880.00
School of Architecture	6,614.61	3,307.00
School of Hawaiian, Asian & Pacific Study	56,455.73	28,228.00
School of Hawaiian Knowledge	8,850.97	4,425.00
School of Law	103,380.61	51,690.00
School of Medicine	7,269,044.60	3,634,522.00
School of Nursing	357,392.88	178,696.00
School of Public Health	303,617.34	151,809.00
School of Social Work	302,400.12	151,200.00
School of Travel Industry Management	2,354.30	1,177.00
SOEST C-MORE	364,891.52	-
University of Affiliated Program	917,159.25	458,580.00
VP for Budget & Finance - Gear Up Program	72,963.11	72,963.00
VP for Plan & Policy	5,210.18	-
Waikiki Aquarium	2,548.66	1,274.00
Water Resources Research Center	90,001.92	45,001.00
EPSCoR	605,856.23	-
Administration CC	178,124.21	133,593.00
Hawai'i CC	151,890.40	113,918.00
Honolulu CC	85,185.77	63,889.00
Kapiolani CC	201,122.24	150,842.00
Kauai CC	81,660.49	61,245.00
Leeward CC	150,410.74	112,808.00
Maui CC	915,710.26	686,783.00
Windward CC	127,199.73	95,400.00
West Oahu	3,013.58	2,260.00
University of Hilo	1,722,642.01	1,291,982.00
Small Business Development Center	58,045.38	43,534.00
	\$ 42,237,885.48	\$ 21,583,624.00

TABLE 4. 2008 - 2009 Project Development Fund Awards

<u>Awarded by Vice Chancellor for Research</u>		<u>Department</u>	<u>Title of Project</u>	<u>Award Amount</u>
	<u>Principal Investigator</u>			
1	Baker, David	College of LLL	FY 2009 Distinguished Lect Series	\$ 400.00
2	Beilman, David	Social Sciences	Beilman - Start up Funds	30,000.00
3	Bingham, Brian	Engineering	Engineering Start Up - Bingham Brian FY 09	40,891.00
4	Boland, Mary	VC for Academic Affairs	OVCERGE Support - Research Infrastructure	75,000.00
5	Browder, Thomas	College of Natural Science	Super B Detector Prototype	26,500.00
6	Carbone, Michele	CRCH	Start up Funds - Michele Carbone	100,000.00
7	Carlton, David	Natural Science	Tester Symposium 2009	500.00
8	Chair, Linguistics	College of LLL	GA Recruit	4,000.00
9	Chantiny, Martha	Libery Service	Digitization of Dissertations	29,664.00
10	Chesney-Lind, Meda	Social Sciences	Graduate Assistant Hire	17,202.75
11	Chittaranjan, Ray	Engineering	Engineering Research Ray Chittaranjan FY 09	37,500.00
12	Choi, Song	College of Engineering	Engineering VEX Robotics/NSF Workshop FY09	2,000.00
13	Cowen, James	SOEST	Matching Funds James Cowen	25,000.00
14	Crouch, Peter	College of Engineering	Engineering Dean Post Doctrinaire Support OVCERGE FY 09	25,000.00
15	Crouch, Peter	College of Engineering	Engineering 2008 EUV Lithography Conference	1,250.00
16	Donachie, Stuart	College of Natural Science	Laser Micromanipulation (2)	20,000.00
17	Dunlap, Marilyn	PBRC	Matching-Scanning Electron	131,730.00
18	Fletcher, Charles	SOEST	Start Up - Jahren	370,000.00
19	Flynn, Luke	SOEST	Leonidas Small Satellite-VCR	500,000.00
20	Fong, Yaa-Yin	ORS	RTRF Support from OVCERGE	6,000.00
21	Garmire, David	College of Engineering	Engineering Start Up - Garmire David	128,756.49
22	Garrrod, Peter	Grad Division	Graduate Division RTRF Account	2,000.00
23	Ghorbani, Reza	Engineering	Engineering Start Up - Ghorbani Reza FY 09	31,112.00
24	Hashimoto, Andrew	CTAHR	Aquaculture Coordinator Search	600.00
25	Hedges, Jerris	Medicine	RTRF-VC Grants Development	21,780.00
26	Hemscheidt, Thomas	Natural Science	Mass Spectrometer - NSF Award	186,201.08
27	Hemscheidt, Thomas	College of Natural Science	Autoclave Repair	19,120.00
28	Holmes, Eric	Medicine	Start-Up - Eric Holmes	10,000.00
29	Howe, Bruce	SOEST	Start Up Funds - Burce Howe	200,000.00
30	Ishii, Dan	OTTED	KAUNANA	108,661.11

TABLE 4. 2008 - 2009 Project Development Fund Awards

<u>Awarded by Vice Chancellor for Research</u>				<u>Award Amount</u>
<u>Principal Investigator</u>	<u>Department</u>	<u>Title of Project</u>		
31 Jahren, Anne	SOEST	Jahren Lab Tech (OVCERGE)		35,000.00
32 Johnsrud, Linda	FSIS Support	FSIS Support		112.14
33 Kaiser, Ralf	Natural Science	KEK Renovation		90,000.00
34 Kaiser, Ralf	Natural Science	KEK Cost Share		339,000.00
35 Kaiser, Ralf	Natural Science	Salary Support - Kaiser Project		73,486.08
36 Kaneshiro, Kenneth	PBRC	RTRF - CCRT Palmyra Dues		3,000.00
37 Karl, David	SOEST	FY 2009 C - MORE RTRF from VC Office		762,089.00
38 Kavcic, Aleksandar	College of Engineering	Engineering Start Up - Kavcic Aleksandar		37,011.53
39 Kelly, Kevin	VPR	Tomorrow's Table Ed Tour		2,500.00
40 Kirk-Kuwaye, Chris	CAPS	GSO Travel Fund		20,000.00
41 Kirk-Kuwaye, Chris	CAPS	GSO Orientation Program		4,998.00
42 Kondo, Sylvia	LAS	NIH Grant Support		31,857.76
43 Kondo, Sylvia	LAS	FY 2010 RTRF Payroll Support		250,000.00
44 Kondo, Sylvia	LAS	Biomed Cage Wash Ramp		6,215.00
45 Kondo, Sylvia	Lab Animal Service	LAS Rate Subsidy for FY2009 Kakaako		95,000.00
46 Kondo, Sylvia	LAS	LAS Operating Funds		37,207.00
47 Kondo, Sylvia	LAS	LAS Payroll/Operating Subsidy FY 2009		97,793.00
48 Kudritzki, Rolf	IFA	IFA - RTRF Chancellor's Office		500,000.00
49 Kudritzki, Rolf	IFA	FY 2008 Kudritzki Research		150,000.00
50 Kuh, Anthony	Engineering	Renew Energy & Isl Sys (REIS) Project		250,000.00
51 Liang, Yinbin	College of Engineering	Engineering Start Up - Liang Yinbin		31,106.95
52 Lu, Yuanan	Public Heealth	White Shrimp Promotor Gene Travel		10,000.00
53 Martindale, Mark	PBRC	FSF - KML Repairs		150,000.00
54 Mau, Marjorie	School of Medicine	RTRF - Center For Native & Pacific Health Research		80,000.00
55 McClatchey, Will	Natural Science	McClatchey Retention - Post Doctrine		45,000.00
56 McCubbin, Hamilton	College of Social Work	Infrastructure Support for System Wide - YR2		65,000.00
57 Meech, Karen	IFA	NAI Can 5 - Yr 1 support		50,000.00
58 Meech, Karen	IFA	Discovery Mission		75,000.00
59 Miller, Scott	College of Engineering	Engineering Start Up - Miller Scott		21,612.00
60 Mokuau, Noreen	College of Social Work	NRC ON Native Hawaiian Elders Support - YR3		40,260.00

TABLE 4. 2008 - 2009 Project Development Fund Awards

<u>Awarded by Vice Chancellor for Research</u>			<u>Department</u>	<u>Title of Project</u>	<u>Award Amount</u>
<u>Principal Investigator</u>					
61 Ohta, Aaron	Engineering	Engineering Start Up - Ohta Aaron FY 09		37,100.00	
62 Onnis, Luca	College of LLL	ONNISSUP		75,000.00	
63 Ostrander, Gary	Chancellor	Acquaculture Program		95,000.00	
64 Ostrander, Gary	OVCERGE	Manoa - RTRF for Accounts Receivable Write Off		99,505.00	
65 Perkins, Frank	OVCERGE	FY 2009 RTRF Operating Expense		50,000.00	
66 Ranker, Thomas	College of Natural Science	Salary Support - Curator (2)		44,000.00	
67 Rehg, Kenneth	College of LLL	Language Doc CTR		2,000.00	
68 Robinow, Steve	Natural Science	Bridging Funds - Robinow		6,210.00	
69 Rossiter, Andrew	Waikiki Aquarium	Admin Assistant (2)		55,500.00	
70 Roumasset, James	WRRC	RTRF - Water Research Fund		21,800.00	
71 Santhanam, Narayana	Engineering	Engineering Start Up - Santhanam Narayana FY 09		32,209.00	
72 Soifer, Aviam	Law School	RTRF - Dean Support		8,000.00	
73 Sorensen, Christine	Education	RTRF Equipment Matching KRS Cleary		15,000.00	
74 Stanley, Steven	SOEST	Start Up - Steven Stanley		95,000.00	
75 Symros, Vassilis	VCRGE	Biomed Renovations		225,000.00	
76 Symros, Vassilis	OVCERGE	CMORE Project		2,422,561.00	
77 Symros, Vassilis	OVCERGE	OS - HPCC		100,000.00	
78 Takekawa, Roy	FGS	Snyder Hall Laboratory Clean Up		2,491.29	
79 Takekawa, Roy	Office of Facilities & Grounds	FY 2009 Diving Safety Program		70,000.00	
80 Taylor, Brian	SOEST	Ship Operations - VC Research		250,000.00	
81 Taylor, Brian	OVCERGE	VCR Supplements & Support		154,719.00	
82 Taylor, Brian	SOEST	VCR Support - MSB Renovations		500,000.00	
83 Tokunaga, Alan	IFA	IRTF High-Resolution Spec Cost Share		66,250.00	
84 Vicic, David	College of Natural Science	EPR Spectrometer Matching 1		40,500.00	
85 Wessendorf, Markus	Arts & Humanities	Brecht Symposium		250.00	
86 White, Geoffrey	Social Sciences	Interview Expenses		3,359.45	
87 Wilcox, Bruce	PBRC	FY 2007 RTRF IGERT Matching		119,534.00	
88 Wylie, Alexander	SSRI	Rental Costs for Mental Health Services Research & Evaluation Training Program		55,000.00	
89 Yan, Tao	College of Engineering	Engineering Start Up - Yan Tao		84,185.15	
90 Yeh, Raymond	Architecture	HI Design Research Center		25,000.00	

TABLE 4. 2008 - 2009 Project Development Fund Awards

<u>Awarded by Vice Chancellor for Research</u>				
	<u>Principal Investigator</u>	<u>Department</u>	<u>Title of Project</u>	<u>Award Amount</u>
91	Zhou, Xiangrong	Engineering	Engineering Start Up - Zhou Xiangrong FY 09	31,900.00
92	Zuo, Yi	College of Engineering	Engineering Start Up - Zuo Yi	77,724.00
Total Allocated				<u><u>\$ 10,368,914.78</u></u>

**TABLE 4–A. 2008-2009 SPECIAL FUND FOR INNOVATIVE
SCHOLARSHIP AND CREATIVE WORK AWARDS**

<u>APPLICANT</u>	<u>DEPARTMENT</u>	<u>AMOUNT AWARDED</u>	<u>PROJECT TITLE</u>
1. Elizabeth Fisher	Theatre and Dance	\$ 1,393.00	Solo Performance and Research in New York City.
2. Wendy Kawabata	Art and Art History	\$10,984.00	“Pull, Mark, Fold”: A solo exhibition, lecture, and artist workshop at the Corban Estate Art Centre, Waitakere, Auckland, New Zealand.
3. Lurana Donnels O’Malley	Theatre and Dance	\$ 2,000.00	Translations by Brian Friel: ASL Interpretation and ACTF.
4. Randall W. Roth	School of Law	\$ 2,000.00	Making presentations at several West Coast schools, such as Stanford, Berkeley, and UCLA and others during March 9 – May 1, 2009.
5. Elizabeth Wichmann- Walczak	Theatre and Dance	\$30,000.00	Jingju (Beijing/Peking Opera) Residency and Culminating Productions, 2009-2010.
6. Christine R. Yano	Anthropology	\$ 5,000.00	“Obama no Obama” [Obama’s Obama]: Borrowed Celebrity, Politics, and Commodification in Contemporary Japan.
	Total Awards	<u>\$51,377.00</u>	

TABLE 5. 2008 - 2009 RESEARCH RELATIONS FUND AWARDS

Principal Investigator	Rank	Title	Amount Awarded
1 Bautista L Q CTR PAC ISLANDS STU - SCH OF P&AS	I-3	Building Pacific Islander Homes, Households, and Communities	\$5,000.00
2 Bertz N HISTORY DEPT - C ARTS & HUM	I-3	Race and Nationalism in the Indian Ocean World: Urban Space and the Indian Diaspora of Tanzania, 1920-2000	\$5,000.00
3 Bloomer K C RELIGION DEPT - C ARTS & HUM	I-3	Possessed by a Goddess: Hinduism, Christianity, and Marian Spirit Possession in Tamil Nadu, South India	\$4,200.00
4 Fisher B THEATRE & DANCE DEPT - C ARTS & HUM	I-5	"Fire and Ice: Research and Performance at the Theater Academy of Finland"	\$2,750.00
5 Frankel J D RELIGION DEPT - C ARTS & HUM	I-3	"God's Chinese Orphans: A Comparative History of Jews, Christians and Muslims in Imperial China"	\$5,000.00
6 Furuto L H L WEST OAHU - ACADEMIC AFF	I-3	Bridging Policy and Practice with Ethnomathematics.	\$4,336.00
7 Guo J SCH SOC WORK - C OF HLTH SCI & S W	I-3	Family and Child Care Policy for Low-income Families in the United States from a Comparative Perspective	\$4,400.00
8 Higgins C SECOND LANG STUDIES - C OF L L L	I-3	How come we talk Pidgin yet?: Researching local identity through language	\$2,005.00
9 Hoffmann K A LANG&LIT EUROPE&AM - C OF L L L	I-5	Travel to Paris and Belgium for Essays "Private Practices, Public Cures" and "Processions of Venuses" and for Museum Meetings	\$2,500.00
10 Koikari M WOMENS STUDIES PROG - C OF SOC SCI	I-4	Politics of War, Manliness, and Nationhood: Gender Analysis of Douglas MacArthur and Memories of Asian War	\$4,200.00
11 Kraft J P HISTORY DEPT - C ARTS & HUM	I-4	The 1980 MGM Grand Hotel Fire	\$3,120.00

TABLE 5. 2008 - 2009 RESEARCH RELATIONS FUND AWARDS

Principal Investigator	Rank	Title	Amount Awarded
12 Lingley KA ART & ART HISTORY DEPT - C ARTS & HUM	I-3	Recognizability: Portraiture and the Representation of Identity in Medieval China	\$1,000.00
13 Liu Q FIN ECON & INS DEPT - SHIDLER COLLEGE OF	I-3	The 52-Week High Momentum Strategy in International Markets	\$2,600.00
14 Miller S MECH ENGINRG DEPT - C OF ENGINRG	I-3	Measurement of Temperature Dependent Coefficient of Friction and Tribological Model for Manufacturing Processes	\$3,184.84
15 Orr S WEST OAHU - ACADEMIC AFF	I-4	Entre, es su casa, amigo: Doing History at the Mission Inn	\$959.00
16 Totani Y HISTORY DEPT - C ARTS & HUM	I-3	WWII Trials in the Pacific Theater: Armed Conflict, War Crimes, and Military Occupation.	\$4,300.00
17 Wang X ECONOMICS DEPT - C OF SOC SCI	I-4	Application of China Natural Science Foundation Project: Human Capital Index	\$3,250.00
18 Yoshihara M AMER STUDIES DEPT - C ARTS & HUM	I-5	Art, Community, and Economy of the Van Cliburn International Piano Competition	\$2,849.00
		Total	\$60,653.84

TABLE 6. 2008 - 2009 UNDERGRADUATE SUMMER RESEARCH AWARDS

	Principal Investigator	Department	Amount Awarded	Title
1.	Diane Chen	Microbiology	\$ 3,000.00	DNA Microarray Analysis of Drosopila melanogaster Cell Lines Treated with Chinese Herbal extracts.
2.	Megan Chock	Biology and Economics	\$ 3,000.00	An Economic Assessment of Biological Control of Miconia Calvescens in Hawaii.
3.	Julia Fiedler	Global Environmental Science	\$ 3,000.00	Constraining the Causes of Spatial Variability in the Rate of Sea Level Rise.
4.	Richard Forster	History	\$ 3,000.00	Mangal Pandey: Drug-crazed Fanatic or Canny Revolutionary?
5.	Stephanie Gumpel	Interdisciplinary Studies - Artistic Performance	\$ 3,000.00	Art Presentation Techniques.
6.	Hazel Ibarra	Bioengineering	\$ 3,000.00	Investigation of Sea Floor Deformation using the ALVIN Magnetometer.
7.	Mary Katherine Lundquist	Philosophy and Psychology	\$ 3,000.00	An Examination of Rational and Contemporary Islamic Feminism in Light of Ibn Rushd's Philosophy.
8.	Nada McClellan	Asian Studies	\$ 3,000.00	Migrant Communities and Youth-Led Development in Limi, Nepal

TABLE 6. 2008 - 2009 UNDERGRADUATE SUMMER RESEARCH AWARDS

	Principal Investigator	Department	Amount Awarded	Title
9.	Stephanie Mulloy	Art - Glass	\$ 3,000.00	Gothic Spires.
10.	Dustin Politica	Undeclared Arts and Sciences	\$ 3,000.00	Does Adding Calcium Containing Ingredients to Commonly Consumed Foods Decrease Iron Bioavailability?
11.	Rhonda Suka	Geography	\$ 3,000.00	Reconstructing Bronze Age Landscapes on Crete, Greece.
12.	Samantha Weaver	Geology and Geophysics	\$ 3,000.00	Kilauea's Explosive Past: Understanding Violent Explosions at Hawaii's Most Active Volcano.
13.	Sarah Yasui	Global Environmental Sciences	\$ 3,000.00	Holocene Reef Accretion in Hawaii.
			<u>\$39,000.00</u>	

TABLE 7. 2008 - 2009 Vice President for Research Awards

<u>Awarded by VP for Research</u>		<u>Department</u>	<u>Purpose</u>	<u>Award Amount</u>
1	Arthurs, Barbara	Hawaii CC	Second Century Scholarships	\$ 62,240.00
2	Bidigare, Robert	SOEST	CMMED R-Fund Account (Salaries II)	291,152.74
3	Bingham, Thomas	Arts & Humanities	Grant Writer - A&H/LLL	26,655.33
4	Bio, Catherine	Maui CC	Second Century Scholarships	50,560.00
5	Bradley, Jennifer	Kapiolani CC	Second Century Scholarships	39,600.00
6	Browder, Thomas	Natural Sciences	Super B Detector Prototype	26,500.00
7	Chigawa, Steven	Windward CC	Second Century Scholarships	40,400.00
8	Clemons, Linda	VC Adademic Affairs, Enrollment Mgt	Second Century Scholarships	353,120.00
9	Douglas, James	Natural Sciences	Travel Support for the 51st Annual Biological Safety (ABSA) Conference	2,122.23
10	Douglas, James	Natural Sciences	Biosafety & Biotraining Meeting at Fort Collins	3,246.81
11	Dubanowski, Richard	Arts & Sciences	A&S Graduate Research Awards	75,000.00
12	Fitzsimons, Debra	UH Hilo	RTRF Thirty Meter Telescope (TMT) Legal Expenses	50,000.00
13	Gaines, James	ARL	RTRF Start-Up Fund for ARL AT UH	250,000.00
14	Gaines, James	VP for Research	RTRF Support for CIMES	8,000.00
15	Gaines, James	VP for Research	RTRF Support for COE (Telephone Charges)	25,000.00
16	Hedges, Jerris	Medicine	JABSOM Graduate Student's Stipend	108,000.00
17	Konan, Denise	SSRI	RTRF Uhero (Konan)	50,000.00
18	Hunter, Lisa	IFA	Maui Akamai Internship Program	80,000.00
19	Kuba, Jodie	UH West Oahu	Second Century Scholarships	21,280.00
20	Lassner, David	ITS	ITS InfoEd ERA Project	130,300.00
21	Lee, Karen	VP For Academic Affairs	RTRF VPSA Faculty Recruitment & Retention	15,000.00
22	Lendio, Darolyn	VP for Legal Affairs	RTRF Legal Affairs NACURA Fall 2008 Workshop	6,000.00
23	Lendio, Darolyn	SVP For Legal Affairs	RTRF Funds for Mauna Kea Legal Fees	1,000,000.00
24	Matsuda, Aileen	Leeward CC	Second Century Scholarships	63,120.00
25	McClain, David	VP For Academic Affairs	VP for Academic Affairs	65,667.00
26	Morton, John	CC Admin	Pacific Bussness Center Prog (PBCP) Match	120,828.00
27	Morton, John	CC Admin	RTRF - FY 2009 Honolulu Minority Bus Enterprise	50,376.00
28	Nagata, Stephanie	UH Hilo	Mauna Kea Comprehensive Management Plan	860,000.00
29	Nishiguchi, Earl	Kauai CC	Second Century Scholarships	11,520.00
30	Olsen, Stephen	Natural Sciences	Travel - Nobel Ceremony	5,000.00
31	Ostrander, Gary	VCRGE	Systemwide -RTRF for A/R Writeoff	99,505.00
32	Oyama, Jannie	Honolulu CC	Second Century Scholarships	40,000.00

TABLE 7. 2008 - 2009 Vice President for Research Awards

<u>Awarded by VP for Research</u>		<u>Department</u>	<u>Purpose</u>	<u>Award Amount</u>
	<u>Principal Investigator</u>			
1	Arthurs, Barbara	Hawaii CC	Second Century Scholarships	\$ 62,240.00
33	Quemuel, Christine	SEED	Commission on the Status of Women	15,500.00
34	Quemuel, Christine	SEED	Commission on Lesbian, Gay, Bisexual, Transgender & Intersex	14,500.00
35	Scofield, Jeffrey	UH Hilo	Second Century Scholarships	118,160.00
36	Taylor, Brian	SOEST	SHIP Operations - VP Research	250,000.00
37	Tseng, Rose	UH Hilo	FY 2009 RTRF Funds for Release for Faculty	120,000.00
38	Tseng, Rose	UH Hilo	FY 2009 RTRF Michael Crosby Support	25,000.00
39	Tseng, Rose	UH Hilo	FY 2009 RTRF Research Support UHH	92,962.00
Total Allocated				\$ 4,666,315.11

RESEARCH

RESEARCH

**TABLE 8 RESEARCH GRANTS AND CONTRACTS AWARDED
FIVE-YEAR COMPARATIVE BY MONTH**

MONTH	2004-05		2005-06		2006-07		2007-08		2008-09	
	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS
JUL	31	\$8,966,084	102	\$20,111,064	86	\$10,773,310	88	\$16,768,053	118	\$18,924,981
AUG	117	\$18,433,418	109	\$22,272,859	142	\$28,294,962	143	\$26,590,457	121	\$30,947,612
SEP	206	\$50,992,570	161	\$42,917,114	188	\$52,158,636	159	\$43,469,972	131	\$33,555,448
OCT	124	\$27,494,991	63	\$8,928,364	73	\$10,842,417	62	\$8,966,580	86	\$23,721,921
NOV	48	\$4,886,375	92	\$16,602,301	42	\$5,242,410	65	\$6,802,418	94	\$17,740,492
DEC	39	\$7,069,578	50	\$8,265,939	53	\$18,033,950	49	\$6,116,172	97	\$34,567,053
JAN	65	\$16,023,323	48	\$5,507,406	46	\$15,893,131	78	\$11,977,778	53	\$8,382,766
FEB	45	\$7,571,643	50	\$14,455,851	61	\$6,542,032	62	\$9,395,197	57	\$11,550,448
MAR	53	\$11,958,573	57	\$10,238,149	89	\$12,929,258	82	\$28,091,151	90	\$10,720,784
APR	45	\$12,666,763	66	\$11,018,842	68	\$7,405,768	70	\$14,279,618	97	\$16,016,001
MAY	94	\$19,590,348	79	\$34,844,516	73	\$15,903,685	72	\$10,548,053	83	\$11,513,477
JUN	101	\$18,469,631	141	\$37,010,962	93	\$17,401,639	69	\$14,471,766	119	\$28,766,877
SUBTOTAL	968	\$204,123,297	1,018	\$232,173,367	1,014	\$201,421,198	999	\$197,477,215	1,113	\$241,897,110
UH HILO	54	5,866,190	52	5,016,114	53	5,287,358	65	4,829,350	33	4,510,750
GRAND TOTAL	1,022	209,989,487	1,070	237,189,481	1,067	206,708,556	1,064	202,306,565	1,146	246,407,860

ORS DATA 16-Nov-09

Data does not reflect adjustments made and UH Hilo's awards in years prior to 2008-2009.
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 COMPARATIVE BY MONTH**

MONTH	2004-05		2005-06		2006-07		2007-08		2008-09	
	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS	NUM	FISCAL YEAR DOLLARS
JUL	26	\$8,362,027	78	\$18,777,069	38	\$8,329,873	63	\$17,692,070	99	\$27,280,066
AUG	79	\$17,184,822	74	\$18,422,545	107	\$25,691,810	79	\$18,851,555	69	\$15,186,689
SEP	121	\$24,822,733	85	\$44,205,627	68	\$7,986,042	76	\$18,942,982	103	\$19,272,621
OCT	48	\$4,722,910	56	\$18,750,446	52	\$18,084,858	45	\$15,115,007	79	\$14,047,335
NOV	32	\$3,359,274	44	\$6,596,745	48	\$5,101,611	46	\$8,930,207	54	\$11,216,783
DEC	36	\$4,092,020	27	\$3,316,449	40	\$4,516,465	37	\$8,637,548	47	\$5,959,438
JAN	35	\$4,763,055	32	\$3,079,823	34	\$4,105,720	43	\$5,325,252	61	\$7,902,567
FEB	39	\$3,504,926	23	\$3,126,135	36	\$3,342,774	33	\$3,345,470	49	\$3,720,585
MAR	43	\$18,573,834	31	\$4,080,159	31	\$2,187,840	33	\$5,272,954	53	\$9,077,606
APR	33	\$5,561,362	42	\$11,240,743	34	\$16,006,963	27	\$13,790,464	62	\$8,936,350
MAY	76	\$17,835,938	44	\$18,386,443	53	\$13,902,048	56	\$7,519,244	71	\$20,448,762
JUN	103	\$19,354,600	125	\$33,285,769	110	\$22,619,352	73	\$23,262,604	97	\$24,388,224
SUBTOTAL	671	\$132,137,501	661	\$183,267,953	651	\$131,875,356	611	\$146,685,357	763	\$153,902,897
UH HILO	49	12,806,675	55	12,902,961	44	12,648,868	55	9,375,047	81	13,534,129
GRAND TOTAL	720	144,944,176	716	196,170,914	695	144,524,224	666	156,060,404	844	167,437,026

ORS DATA 16-Nov-09

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

SUMMARY

**TABLE 10 RESEARCH AND NON-RESEARCH GRANTS AND CONTRACTS AWARDED
FIVE-YEAR COMPARATIVE BY MONTH**

MONTH	2004-05		2005-06		2006-07		2007-08		2008-09	
	NUM	DOLLARS	NUM	DOLLARS	NUM	DOLLARS	NUM	DOLLARS	NUM	DOLLARS
JUL	57	\$17,328,111	180	\$38,888,133	124	\$19,103,183	151	\$34,460,123	217	\$46,205,047
AUG	196	\$35,618,240	183	\$40,695,404	249	\$53,986,772	222	\$45,442,012	190	\$46,134,301
SEP	327	\$75,815,303	246	\$87,122,741	256	\$60,144,678	235	\$62,412,954	234	\$52,828,069
OCT	172	\$32,217,901	119	\$27,678,810	125	\$28,927,275	107	\$24,081,587	165	\$37,769,256
NOV	80	\$8,245,649	136	\$23,199,046	90	\$10,344,021	111	\$15,732,625	148	\$28,957,275
DEC	75	\$11,161,598	77	\$11,582,388	93	\$22,550,415	86	\$14,753,720	144	\$40,526,491
JAN	100	\$20,786,378	80	\$8,587,229	80	\$19,998,851	121	\$17,303,030	114	\$16,285,333
FEB	84	\$11,076,569	73	\$17,581,986	97	\$9,884,806	95	\$12,740,667	106	\$15,271,033
MAR	96	\$30,532,407	88	\$14,318,308	120	\$15,117,098	115	\$33,364,105	143	\$19,798,390
APR	78	\$18,228,125	108	\$22,259,585	102	\$23,412,731	97	\$28,070,082	159	\$24,952,351
MAY	170	\$37,426,286	123	\$53,230,959	126	\$29,805,733	128	\$18,067,297	154	\$31,962,239
JUN	204	\$37,824,231	266	\$70,296,731	203	\$40,020,991	142	\$37,734,370	216	\$53,155,101
SUBTOTAL	1,639	\$336,260,798	1,679	\$415,441,320	1,665	\$333,296,554	1,610	\$344,162,572	1,876	\$395,800,007
UH HILO	103	18,672,865	107	17,919,075	97	17,936,226	120	14,204,397	114	18,044,879
GRAND TOTAL	1,742	\$354,933,663	1,786	\$433,360,395	1,762	\$351,232,780	1,730	\$358,366,969	1,990	\$413,844,886

ORS DATA 16-Nov-09

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2008-2009 totals include UH Hilo and adjustments.