



UNIVERSITY  
of HAWAII®

Ke Kulanui o Hawai'i

David Lassner  
President

**DEPT. COMM. NO. 127**

December 12, 2023

The Honorable Ronald D. Kouchi,  
President and Members of the Senate  
Thirty-Second State Legislature  
Honolulu, Hawai'i 96813

The Honorable Scott Saiki, Speaker  
and Members of the House of Representatives  
Thirty-Second State Legislature  
Honolulu, Hawai'i 96813

Dear President Kouchi, Speaker Saiki, and Members of the Legislature:

For your information and consideration, the University of Hawai'i is transmitting one copy of the Annual Report on the Research and Training Revolving Fund (Section 304A-2253, Hawai'i Revised Statutes) as requested by the Legislature.

In accordance with Section 93-16, Hawai'i Revised Statutes, this report may be viewed electronically at: <https://www.hawaii.edu/offices/government-relations/2024-legislative-reports/>.

Should you have any questions about this report, please do not hesitate to contact Stephanie Kim at (808) 956-4250, or via e-mail at [scskim@hawaii.edu](mailto:scskim@hawaii.edu).

Sincerely,

A handwritten signature in black ink that reads 'David Lassner'.

David Lassner  
President

Enclosure

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# UNIVERSITY OF HAWAI‘I SYSTEM ANNUAL REPORT



REPORT TO THE 2024 LEGISLATURE

Annual Report on the  
Research and Training Revolving Fund

HRS 304A-2253

December 2023

# ANNUAL REPORT ON THE RESEARCH AND TRAINING REVOLVING FUND 2022-2023

## **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 investments of the Fund for 2022-2023 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 investments of the Fund:

1. The funds were administered by the Vice President for Research & Innovation (VPRI), the UH Mānoa Vice Provost for Research and Scholarship (VPRS), 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 Investments.

## **FUND INVESTMENTS**

Pursuant to HRS Section 304A-2253, \$63,107,395.45 was deposited into the Research and Training Revolving Fund and invested as follows:

### 1. 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.

#### **Investments**

The UH Mānoa Research Council reviewed 115 travel requests totaling \$244,417.46 and made 115 awards totaling \$157,831.98. Table 1 lists the Professional Travel recipients.

The UH West O'ahu Council reviewed 57 travel requests totaling \$130,436.00 and made 57 awards totaling \$102,278.00. Table 2 lists the Professional Travel recipients.

Investments for 2022-2023: \$260,109.98

### 2. 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 invested 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.

Investments

A total of \$46,979,831.00 was invested in the fund. The amount includes \$6.5 million in F&A recovery on Higher Education Emergency Relief Funds (HEERF), which were received from the US Government as a result of the COVID-19 pandemic. Table 3 lists the distribution by unit.

Investments for 2022-2023: \$46,979,831.00

3. 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.

Investments

The UH Mānoa VPRS made 32 awards totaling \$4,473,064.87. Table 4 lists the Project Development Fund recipients.

\$0 was invested in the Student Excellence in Research Awards by the UH Mānoa VPRS.

Investments for 2022-2023: \$4,473,064.87.

4. Vice President for Research and Innovation Investments:

A total of \$11,244,480 was invested for research support and services, including \$5,991,600 paid to RCUH for procurement and HR services for the University's extramural funds.

<u>Description</u>	<u>FY 2023</u>
RCUH Management Fees	\$ 5,991,600
A-133 Audit Fees	\$ 292,787
Office of the VP for Research and Innovation	\$ 1,153,128
Office of Research Services	\$ 1,591,724
Office of Innovation and Commercialization	\$ 966,314
Office of Research Compliance	\$ 1,248,927
<b>TOTAL</b>	<b><u>\$ 11,244,480</u></b>

The VPRI made 19 awards totaling \$2,571,184.01 in support of programs summarized in Table 6.

Investments for 2022-2023: \$13,815,664.01

## 5. Summary of Investments

	Allocation	Carry Forwards / Adjustments	Total Available	Expenditures	Committed to be Spent	Available Balance
Professional Travel	\$ -	\$ 396,316	\$ 396,316	\$ 231,699	\$ 164,618	\$ -
					\$ -	
Facilitating Services	\$ 38,422,004	\$ 33,486,682	\$ 71,908,686	\$ 22,912,266	\$ 48,996,420	\$ -
					\$ -	
Project Development Fund					\$ -	
Vice Provost for Research & Scholarship	\$ 8,557,828	\$ 9,106,978	\$ 17,664,805	\$ 3,680,611	\$ 13,984,194	\$ -
Student Excellence in Research Awards	\$ -	\$ -		\$ -	\$ -	\$ -
					\$ -	
Vice President for Research & Innovation	\$ 4,883,085	\$ (2,857,824)	\$ 2,025,261	\$ 1,874,159	\$ 151,102	\$ -
Research Services	\$ 5,252,879	\$ (268,761)	\$ 4,984,118	\$ 4,864,624	\$ 119,494	\$ -
RCUH Management Fee	\$ 5,991,600	\$ -	\$ 5,991,600	\$ 4,133,587	\$ 1,858,013	\$ -
<b>TOTAL</b>	<b>\$ 63,107,395</b>	<b>\$ 39,863,392</b>	<b>\$ 102,970,787</b>	<b>\$ 37,696,946</b>	<b>\$ 65,273,840</b>	<b>\$ -</b>

## **RESULTS OF SEED MONEY AND PROFESSIONAL TRAVEL AWARDS**

### 1. Extramural Awards to Recipients of Seed Money

Recipients of these funds are actively seeking new sources to support their research. The Scholarly Development Fund (“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 sometime after a seed money award. The results reported herein thus may be due to funds invested in earlier years. The Fund was initiated in 1975.

The Research Council awards for seed money from the 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.

## 2. 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 Hawai'i, results in increased professional recognition of investigator and the University, and leads to additional funding.

### **TOTAL EXTRAMURAL SUPPORT FOR RESEARCH/TRAINING, 2022-2023**

Attached summary table, Table 7 for research and non-research projects, provides comparative figures for awards made to the University, the past five years. In 2022-2023, research awards worth \$268,564,963 and training awards worth \$247,330,607 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 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,

Vassilis L. Syrmos  
Vice President for Research & Innovation

Attachments

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Table 2  
2022-2023 Travel Awards - Mānoa

Count	Faculty	Rank	Amount Requested	Amount Approved	Department	Conference	Title of Presentation
1	Reilly, Andrew	I5	\$ 2,000.00	\$ 1,000.00	Family and Consumer Sciences	International Textile and Apparel Association 2022 Annual Conference	Narratives of Dress and the Coming-out Process; Haoles in Hawaiian Shirts
2	Nakamura, Brad	I5	\$ 3,730.00	\$ 1,200.00	Psychology	Association for Behavioral and Cognitive Therapies	Opportunities and challenges of engaging with industry partners and community stakeholders during and after the COVID-19 pandemic
3	Cannon, Christopher	I3	\$ 2,000.00	\$ 2,000.00	Marketing	Association for Computer Research Conference	Luxury Tiers: The Curvilinear Effect of Luxury Consumption on Perceived Competence and The Golden Quadrant of Solid and Liquid Consumption
4	Frambaugh-Kritzer, Charlotte	I5	\$ 1,635.00	\$ 1,200.00	Institute for Teacher Education	2022 Annual Literacy Research Association Conference	Collaborating to Critically Examine the Disciplinary Literacies Assessment Tools for more Equitable Experiences
5	Fujikane, Candace	I5	\$ 2,204.55	\$ 900.00	English	American Studies Association 2022 Annual Meeting	Activating Ancestral Knowledges for Planetary Abundance
6	Higginbotham, Derrick	I4	\$ 2,000.00	\$ 1,200.00	English	Modern Language Association Annual Convention	As Water is in Water: The Queerness of Clouds in Antony and Cleopatra
7	Maxwell, December	I3	\$ 1,588.50	\$ 1,588.50	Social Work	Society for Social Work and Research 27th Annual Conference	Designing a Trauma-Informed Maternal Mental Health Intervention for Acute Stress Events
8	Harwit, Eric	I5	\$ 1,413.00	\$ 1,000.00	Asian Studies	Association for Asian Studies 2023 Annual Conference	China's Telecommunications Industrial Policy: A Case Study of China-US Competition in 5G Mobile Communications
9	Carter, Glenn	I4	\$ 2,000.00	\$ 1,500.00	Oceanography	AGU (American Geophysical Union) Fall Meeting 2022	A new multidisciplinary tool for observing the Hadal Water Column
10	Nordstrom, Georganne	I5	\$ 800.00	\$ 800.00	English	International Writing Center Association Annual Conference	Answering the Call to Rise: Recentering our Writing Center Stance
11	Tsai, George	I4	\$ 2,000.00	\$ 1,700.00	Philosophy	2023 Central Division Meeting of the American Philosophical Association	Resentment (Yuan) Towards Heaven (Tian) in Early Confucian Thought
12	Brunson, Jan	I4	\$ 2,000.00	\$ 1,400.00	Anthropology	2022 American Anthropological Association Annual Meeting	Stories that Cannot Be Told: Limits to Collaborative Ethnography
13	Kim, Jiyoung	I4	\$ 4,175.00	\$ 1,500.00	Communications	Association for Education in Journalism and Mass Communication	Understanding Agenda Building in Sports: MLB's Sign-Stealing Scandal
14	Kumar, Jason	I5	\$ 2,000.00	\$ 1,000.00	Physics & Astronomy	Theory Meeting Experiment (TIMEX-2023)	Velocity-Dependent J-Factor of the Milky Way Halo
15	Osorio, Jamaica	I3	\$ 2,000.00	\$ 2,000.00	Political Science	2022 Annual Meeting of the American Studies Association	Rehearsals for Living: Letters toward our collective liberation
16	Parba, Jayson	I3	\$ 1,329.48	\$ 1,329.48	Indo-Pacific Languages & Literatures	Association for Asian Studies 2023 Annual Conference	Radiolinguistic Encounters of Filipino Heritage Learners in Hawai'i
17	Pettit, Jonathan	I4	\$ 1,771.66	\$ 1,700.00	Religions and Ancient Civilization	Annual Meeting of the American Academy of Religion	Barbarians, Women and Disciples: Inscripting Social Authority in Medieval Daoism
18	Sung, Jaeyeon	I4	\$ 2,000.00	\$ 1,000.00	Library Services	48th IAMSILIC Conference and 4th Grupo Regional Latinoamericano Meeting	Voyage from Print to Electronic
19	Anderson Tagarino, Kelley	A4	\$ 4,481.00	\$ 1,700.00	Sea Grant	National Adaptation Forum	Challenges and Opportunities to Climate Resilience in American Samoa
20	Deen, Kamil	I5	\$ 2,000.00	\$ 1,000.00	Linguistics	Generative Approaches to Language Acquisition (GALA)	Alternative Routes to web Learning: Beyond Syntactic Bootstrapping
21	Ferguson, Kathy	I5	\$ 2,000.00	\$ 1,000.00	Political Science	118th American Political Science Association's Annual Meeting and Exhibition	Mutual Aid and Community Crises
22	Kobayashi, Kent	R4	\$ 2,387.00	\$ 1,500.00	Tropical Plant and Soil Sciences	American Society for Horticulture Science Conference	LED Lighting Effects on hydroponically Grown UH Manoa Lettuce
23	Serna, Alethea Ku'ulei	I5	\$ 2,000.00	\$ 1,200.00	Institute for Teacher Education	Association of Teacher Educators 2023 Annual Meeting	Piina and Conections in Teaching in Hawaii during COVID-19 and Beyond
24	Zhou, Kate	I5	\$ 2,000.00	\$ 750.00	Political Science	17th International Conference of the WEAI (Western Economic Association International)	Sex, Business and Political Economy in China



Table 2  
2022-2023 Travel Awards - Mānoa

Count	Faculty	Rank	Amount Requested	Amount Approved	Department	Conference	Title of Presentation
25	McQuiston, Katherine	I5	\$ 2,000.00	\$ 1,000.00	Music	Music and the Moving Image (MAMI) 2023	A Many-Rendered Thing: Alex North's Love Theme from Spartacus
26	Nute, Kevin	I4	\$ 2,273.00	\$ 1,500.00	Architecture	Three Presentations on Time and Built Space	Recollecting the Past; Interacting with the Present; Anticipating the Future
27	Oleson, Kirsten	I4	\$ 2,000.00	\$ 1,300.00	Natural Resources and Environmental Management	A Community on Ecosystem Services (ACES)	Coastal ecosystem accounting for Hawaii; Experiences from state-level natural capital accounting in Hawaii
28	Aranda, Lucia	I5	\$ 3,000.00	\$ 850.00	Languages and Literatures of Europe and the Americas	XIV Brazilian Association of Researchers in Translation Conference	Translation of Children's Literature: Classroom Experiences and Reflection; Teaching translation through children's literature
29	McManus, Lisa	I3	\$ 2,000.00	\$ 2,000.00	Hawaii Institute of Marine Biology	15th International Coral Reef Symposium (ICRS)	Conservation for evolving coral populations
30	Hamilton, Elina	I3	\$ 2,000.00	\$ 2,000.00	Music	Medieval and Renaissance Music Conference	Preaching Perfection: Sermons as Models for Music Theory in Willelmus, Muris, and Others
31	Johansen, Jacob	I3	\$ 4,580.17	\$ 2,000.00	Hawaii Institute of Marine Biology	15th International Coral Reef Symposium (ICRS)	Fishes on the world's hottest coral reef: ecological and physiological adaptations for survival
32	Gonzalez-Lloret, Marta	I5	\$ 3,387.00	\$ 1,000.00	Languages and Literatures of Europe and the Americas	EuroSLA	Learning to Disagree with Social Media
33	Hoomanawanui, Sherilyn	I5	\$ 2,000.00	\$ 1,000.00	English	Once and Future Fantasies	The Fantastic in the Pacific
34	Murphy, Mark	I3	\$ 3,482.00	\$ 1,800.00	Educational Psychology	Association for Public Policy Analysis and Management Fall 2022 Conference	Expanding Postsecondary Success in STEM: The Effects of Hispanic Serving Institution Grants on STEM Competitions
35	McNally, Mark	I5	\$ 1,586.00	\$ 1,000.00	History	American Historical Association 136th Annual Meeting	Royalty and Ethnicity: Hypodescent, Hyperdescent, and the Ryukyu Kingdom, 1650-1725
36	Porter, Megan	I4	\$ 4,360.00	\$ 1,500.00	School of Life Sciences	International Conference of Neuroethology	Opsin Evolution in Jumping Spiders
37	Price, Melissa	I4	\$ 2,000.00	\$ 1,700.00	Natural Resources and Environmental Management	Society for Conservation Biology - Oceania Conference	The future is here: Recent declines across multiple taxa in the Hawaiian Islands raise alarms regarding potential tipping points caused by multiple threats, including climate change
38	Garneau De Lisle-Adam, Marie-Christin	I5	\$ 2,600.00	\$ 1,000.00	Languages and Literatures of Europe and the Americas	The island: reality, imagination, heritage and discourse	Les Millie lies de Chateaubriand: a veritable variety!
39	Segeral, Nathalie	I4	\$ 3,115.00	\$ 1,600.00	Languages and Literatures of Europe and the Americas	Art and Environmental Concerns in Oceania: cultural expressions of climate change across the French-speaking islands in the South Pacific	Expressions of Climate Change in the Arts and Literatures of French-speaking Oceania
40	Tarui, Nori	I5	\$ 2,000.00	\$ 1,200.00	Economics	43rd IAEE (International Association for Energy Economics) International Conference	Distributional Impacts of dynamic pricing transitions for residential electricity consumers
41	Ziegler, Nicole	I4	n/a	\$ 1,600.00	Second Language Studies	American Association for Applied Linguistics 2023 Conference	Exploring the pragmatic and linguistic aspects of Maritime miscommunication
42	Dera, Przemyslaw	I5	\$ 2,772.70	\$ 1,200.00	Hawaii Institute for Geophysics and Planetology	2022 Workshop of the International Union of Crystallography Commission on High Pressure	History and evolution of high-pressure crystallography
43	Fuleky, Peter	I4	\$ 2,000.00	\$ 1,000.00	Social Sciences Research Institute and Economics	Western Regional Science Association - 2023 Annual Meeting	The effects of the pandemic on the economy of Hawaii
44	Kao, Peiling	I4	\$ 2,880.00	\$ 1,000.00	Theatre and Dance	Residenzzentrum tanz+	One Body, Five Dances, Six Perspectives III
45	Schmitt, Paul	I3	\$ 2,000.00	\$ 1,700.00	Electrical Engineering	2022 ACM HotNets Workshop	The Decoupling Principle: Mechanisms and Entities for Privacy
46	Tommasi, Pier Carlo	I3	\$ 2,000.00	\$ 2,000.00	East Asian Languages and Literatures	Association for Asian Studies 2023 Annual Conference	The Politics of Physiognomy: Mapping Poetic Rivalries Through the Face Trope in Medieval Literary Treatises
47	Washington, Peter	I3	\$ 2,000.00	\$ 2,000.00	Information and Computer Sciences	Pacific Symposium on Biocomputing	Towards Ethical Biomedical Informatics
48	Xu, Peng	I3	\$ 2,000.00	\$ 2,000.00	Theatre and Dance	Association for Asian Studies 2023 Annual Conference	Music, Tradition Making and Elite Cultural Identity in 10th-18th Century China

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49	Burrage, Rachel	I3	\$ 2,408.00	\$ 1,700.00	Social Work	Council on Social Work Education - Annual Program Meeting	Potential for Integration of Social Work and Traditional Healing: Lessons from Hawaii
50	Jones, Reece	I5	\$ 2,000.00	\$ 1,000.00	Geography and the Environment	2023 American Association of Geographers Annual Meeting	The Geography of the Border Patrol's 100 mile Zone
51	Mamiya Hernandez, Rachel	I3	\$ 2,267.00	\$ 1,500.00	Languages and Literatures of Europe and the Americas	ACTFL Convention	Build proficiency with podcasts: Communication and culture across the modes
52	Allen, Sarah	I4	\$ 2,752.92	\$ 1,000.00	English	NCA 108th Annual Convention: Honoring PLACE: People, Liberation, Advocacy, Community and Environment	Harmony without Equality, Or Horses and Humans Becoming through Touch
53	Bond-Smith, Steven	I3	\$ 2,000.00	\$ 2,000.00	Social Sciences Research Institute	2023 Western Regional Science Association	Diversifying Hawaii's specialized economy: A spatial economic perspective
54	Buelow, Stephanie	I4	\$ 2,000.00	\$ 1,500.00	Institute for Teacher Education	Annual Meeting of the National Council of Teachers of English	Using Teachable Moments to Foster Inquiry
55	Im, Seongah	I5	\$ 2,000.00	\$ 1,000.00	Educational Psychology	International Convention of Psychological Science (ICPS)	What Skills Matter Most for Hypothesis Testing: Approach Using Cognitive Diagnostic Measurement Models
56	Jiang, Song	I4	\$ 2,453.95	\$ 800.00	East Asian Languages and Literatures	12th International Conference on Han Characters Education and Research	The Grammatical Positioning of Chinese Characters and a Case Study of a Chinese Character Course in an American University
57	Khanal, Samir	I5	\$ 2,000.00	\$ 1,200.00	Molecular Biosciences and Bioengineering	International Conference on Biotechnology for Sustainable Bioresources and Bioeconomy	Machine Learning Application in Anaerobic Co-digestion of Food Waste and Sewage Sludge
58	Kim, Sungjin	I3	\$ 2,000.00	\$ 1,500.00	Marketing	2022 Marketing Dynamics Conference	The Unintended Consequences from Repealing a Green Nudge: Evidence from Single-Use Bag Policies
59	Lau, Sophia	I3	\$ 2,000.00	\$ 1,700.00	Social Work	Society for Social Work and Research 27th Annual Conference	Understanding Anti-Asian Racism and Violence from an Asian American Social Worker Lens
60	Lin, Shu Hwa	I5	\$ 2,000.00	\$ 1,000.00	Family and Consumer Sciences	International Textile and Apparel Association 2022 Annual Conference	3D Virtual Technology in Costume Museum Exhibition: Qing Dynasty
61	Shankar, Subramanian	I5	\$ 2,000.00	\$ 1,000.00	English	Modern Language Association Annual Convention	Is the "Poor" a Marxist Category?
62	Smith, Sean	I3	\$ 1,915.00	\$ 1,700.00	Philosophy	Pacific Meeting of the American Philosophical Association	Norms of Attention in Buddhaghosa
63	Gruter Nell, Therese	I5	\$ 2,000.00	\$ 1,000.00	Second Language Studies	Boston University Conference on Language Development (BUCLD)	L2 Proficiency modulates attention to the mouth during speech processing: An extended replication of Brules et al. (2020)
64	Halliday, Timothy	I5	\$ 1,972.00	\$ 1,200.00	Economics	Southern Economic Association 92nd Annual Meeting	Intergenerational Health Mobility
65	Ray, Tyler	I3	\$ 3,421.08	\$ 1,700.00	Mechanical Engineering	ACS Annual Meeting	3D-printed epidermal microfluidic systems for the collection and analysis of sweat
66	Singh, Vir	I5	\$ 2,940.00	\$ 1,200.00	Civil and Environmental Engineering	International Legal Affairs and Dispute Resolution Workshop	High Rise Condominium Collapse
67	Uspal, William	I3	\$ 1,925.39	\$ 1,926.00	Mechanical Engineering	96th ACS Colloid and Surface Science Symposium	Chemically active colloids near osmotic-responsive interfaces
68	Bahng, Youngjin	I4	\$ 2,000.00	\$ 1,000.00	Family and Consumer Sciences	International Textile and Apparel Association 2022 Annual Conference	Impact of the Prolonged COVID-19 Pandemic on Small Retailers and Survival Strategies: Interviews with Female Entrepreneurs in the U.S.
69	He, Yanghua	I3	\$ 2,000.00	\$ 2,000.00	Human Nutrition, Food and Animal Sciences	Plant and Animal Genome Conference: PAG 30	The Genetic Architecture of Climate Adaptation of Beef Cattle
70	Zhang, Yiqiang	I3	\$ 2,625.57	\$ 1,700.00	Anatomy, Biochemistry and Physiology	American Heart Association BCVS Scientific Sessions 2022	Complex Remodeling of Transcriptomes and Chromatin Accessibility Epigenomes in Acute Post-Infarct Myocardium Revealed by Massive Parallel Single-Nucleus Sequencing Analyses

Table 2  
2022-2023 Travel Awards - Mānoa

Count	Faculty	Rank	Amount Requested	Amount Approved	Department	Conference	Title of Presentation
71	Haag, Andre	I3	\$ 2,000.00	\$ 2,000.00	East Asian Languages and Literatures	Association for Asian Studies 2023 Annual Conference	Colonial Panic Attack: The 1923 Kanto Chosenjin sawagi and Cultures of Panic in Comparative Perspective
72	Hasegawa, Atsushi	I4	\$ 1,257.00	\$ 1,257.00	East Asian Languages and Literatures	American Association for Applied Linguists 2023 Conference	Emotional moments in Study Abroad: Cases from the "Language Learners as Ethnographers Project"
73	Oppegaard, Brett	I4	\$ 2,000.00	\$ 1,700.00	Communication and Information	Advanced Research Seminar on Audio Description	Is it Art? Or Is It Audio Description? Experiments on the boundaries of media accessibility
74	Pirkle, Catherine	I4	\$ 2,000.00	\$ 1,700.00	Public Health Studies	EcoSummit 2023	Currents: Navigating positive connections between oceans and human health; Working Group: to improve the communication of risks from marine pollution and its impacts on environmental and human health to diverse stakeholders
75	Clayton, Cathryn	I4	\$ 1,263.00	\$ 1,263.00	Asian Studies	Association for Asian Studies 2023 Annual Conference	"Sweet Nectar in the Midst of Drought": Macau's 1958 Water Crisis and the Usefulness of Borders
76	Gilliland, Elizabeth	I4	\$ 2,000.00	\$ 1,700.00	Second Language Studies	American Association for Applied Linguists 2023 Conference	Ethical dilemmas of teacher research in applied linguistics
77	Pauker, Kristin	I5	\$ 2,000.00	\$ 1,200.00	Psychology	Society for Research in Child Development (SRCD) 2023 Biennial Meeting	Adolescents' Malleable Beliefs About Leadership Helps Them to Recognize Inequality as Unfair
78	White, Meredith	I3	\$ 2,000.00	\$ 2,000.00	Architecture	Council of Educators in Landscape Architecture (CELA) Annual Conference	On Behalf of Plants: Drawing Stories of Plant Companionship in the Hawaiian Islands
79	Gonzalez Smith, Monica	I4	\$ 3,317.95	\$ 1,500.00	Institute for Teacher Education	National Association for Professional Development Schools Conference	Preparing Teacher Candidates through Substitute Teaching Experiences in Hawaii School-University-Partnerships: Stories from the Field
80	Revilla, No'ukaha'uoli	I3	\$ 2,074.00	\$ 1,500.00	English	Association of Writers & Writing Programs Conference	Oceanic Metaphors: Tidalectics from Te-Moana-nui-a-Kiwa to the Kalapani
81	Fong, Sheri	I4	\$ 2,000.00	\$ 1,200.00	Medical Education	Association of Biochemistry Educators Meeting	USMLE Step 1 and COMLEX-USA Level 1 have Changed to Pass/Fail - How are we Adapting?; From Feedback to Feedback (+): How to Make Giving Feedback Easier and More Effective; Getting to Clerkship and Beyond: Crafting Biochemistry Learning Objectives that Connect and Integrate Basic Science Concepts with Clinical Application
82	Albertini, Tamara	I5	\$ 3,309.31	\$ 1,200.00	Philosophy	69th Annual Meeting of the Renaissance Society of America	Charles de Bovelles' "Maps": From the Senses to Heavenly Jerusalem
83	Molina, Teresa	I4	\$ 1,560.23	\$ 1,500.00	Economics	Pacific Conference for Development Economics (PacDev) 2023	Sotto Voce: The Impacts of Technology to Enhance Worker Voice
84	Gonzalez, Vernadette	I5	\$ 1,772.00	\$ 1,200.00	American Studies	Association for Asian Studies 2023 Annual Conference	BTS and Its Publics: the Making of a Critical Reader on the World's Biggest Band
85	Perry, Wendell	I4	\$ 2,000.00	\$ 1,300.00	Educational Foundations	American Educational Research Association	Presidential Session - Interrogating Consequential Research in Pursuit of Truth
86	Saffery, Maya	S4	\$ 2,000.00	\$ 1,500.00	Kawaihuelani Center for Hawaiian Language	2023 Native American and Indigenous Studies Association (NAISA) Conference	Ulauna 'ia e ke Ea: Ceremonies of Sovereignty
87	Dennison, Carolyn	B4	\$ 1,826.00	\$ 1,000.00	Library Services - Science & Technology Reference	MLA   SLA '23 Looking Back, Foraging Ahead Conference	Mapping the Literature of Nursing Education: An Update
88	Wong, Kerry	I5	\$ 2,000.00	\$ 1,000.00	Kawaihuelani Center for Hawaiian Language	2023 American Educational Research Association Annual Meeting	Ke Ala o ka No'eau
89	Maaka, Margaret	I5	\$ 2,000.00	\$ 1,200.00	Curriculum Studies	2023 American Educational Research Association Annual Meeting	Ano me he Whare Pungawerewere: Networking Indigenous Scholars in the Search for Truth in Research

Table 2  
2022-2023 Travel Awards - Mānoa

Count	Faculty	Rank	Amount Requested	Amount Approved	Department	Conference	Title of Presentation
90	Han, Shin Ae	I3	\$ 2,000.00	\$ 1,500.00	Institute for Teacher Education	2023 American Educational Research Association Annual Meeting	Young Children's Creation of Heterotopia
91	Taira, Derek	I3	\$ 2,000.00	\$ 1,700.00	Educational Foundations	2023 American Educational Research Association Annual Meeting	Littoral Hawaii: Reframing How We Think and Teach the History of Hawaii
92	Park, Mee-Jeong	I4	\$ 2,000.00	\$ 1,700.00	East Asian Languages and Literatures	23rd Biennial Meeting of the International Circle of Korean Linguistics	Korean-English translation strategies of copular adnominal clauses
93	Kim, Min-Sun	I5	\$ 2,000.00	\$ 1,200.00	Communication and Information	73rd Annual ICA (International Communication Association) Conference	Rethinking AI Ethics in Our Encounters with Intelligent Machines
94	Chyba, Monique	I5	\$ 1,860.00	\$ 1,200.00	Mathematics	13th AIMS (American Institute of Mathematical Sciences) Conference on Dynamical Systems, Differential Equations and Applications	Using Hybrid Systems to Develop Epidemiological Models on a Global Scale
95	Zuo, Yi	I5	\$ 2,000.00	\$ 1,200.00	Mechanical Engineering	ARVO (Association for Research in Vision Ophthalmology) 2023 Annual Meeting	Comparative biophysical study of melboman lipids of wild type and Soat1-knockout mice: implications to dry eye
96	Haglund, Ellinor	I3	\$ 1,968.00	\$ 1,968.00	Chemistry	PPS (Prague Protein Spring) 2023 Conference	The folding and function of proteins with a complex topology
97	Stopa, Justin	I3	\$ 2,000.00	\$ 1,500.00	Ocean and Research Engineering	SEASARS 2023 Workshop	Using Ocean Surface Imagery to Estimate Atmospheric Boundary Layer Stratification
98	Yamauchi, Yasuhiro	R2	\$ 2,000.00	\$ 1,000.00	Anatomy, Biochemistry and Physiology	2023 Gordon Research Conference: Germinal Stem Cell Biology	On the quest to generate male gametes from a female
99	Fry, Caroline	I3	\$ 2,000.00	\$ 2,000.00	Management and Industrial Relations	2023 Migration and Organizations Conference	Where Do Immigrant Scientists Work? Evidence from Artificial Intelligence PhDs
100	Pettit-Toledo, Miyoko	J3	\$ 2,000.00	\$ 2,000.00	William S. Richardson School of Law	2023 Law and Society Annual Meeting	Collective Memory and Healing Unique Sexual Violence Harms Against Women of Color: Storytelling and Intersectional Identities as Victims, Survivors, Political Activists, Fighters and More
101	Rowley, Sonia	R3	\$ 2,000.00	\$ 2,000.00	Earth Sciences	2023 Gordon Research Conference: Origins of Solar Systems	Compact Color Biofinder (CoCoBi) detects biological remains in Green River fish fossils from Eocene epoch and Microbial Communities on Igneous Rock
102	Desser, Daphne	I4	\$ 2,395.00	\$ 1,200.00	English	29th International Conference of Europeanists	Rhetorical Dystopias: The Resurgence of Right Wing "Soft" Holocaust Denial and Anti-Semitism
103	Maynard, Ashley	I5	\$ 2,000.00	\$ 1,200.00	Psychology	Society for Psychological Anthropology	Future Research and Practice in the Study of Culture and Childhood
104	Rafiei, Amin	I3	\$ 1,900.00	\$ 1,000.00	Civil and Environmental Engineering	Offshore Technology Conference	Analysis of Wave-Driven Progressive Build-up of Excess Pure Water Pressure in Sands Supporting Marine Hydrokinetic Devices
105	Miura, Tomoaki	I5	\$ 1,212.00	\$ 1,000.00	Natural Resources & Environmental Management	Japan Geoscience Union 2023 Annual Meeting	Detecting Snow Contaminations in Advanced Himawari Imager NDVI Time Series Data for Improved Autumn Phenology Characterization
106	Peterson, Christian	I5	\$ 1,190.00	\$ 1,000.00	Anthropology	Society of Africanist Archaeologists (SAfA) 26th Biennial Meeting	First millennium villages and early trade in eastern South Africa
107	Eversole, Dolan	A4	\$ 2,000.00	\$ 1,200.00	Sea Grant	At What Point Managed Retreat?: Habitability and Mobility in an Era of Climate Change	Hawaii Land Acquisition Funds to Facilitate Managed Retreat
108	Butler Higa, Marguerite	I5	\$ 2,000.00	\$ 1,000.00	Life Sciences	Evolution 2023	The extraordinary diversification of microhylid frogs of the Papuan region: a phylogenetic investigation on the role of plate tectonics in producing biodiversity
109	Logan, Joy	I5	\$ 2,000.00	\$ 1,200.00	Languages and Literatures of Europe and the Americas	American Association of Teachers of Spanish and Portuguese (AATSP) Annual Conference	Re-imagining the Luso-Hispanic Heritage of Hawaii: From Poets to Paniolo
110	Wang, Liang	I4	\$ 2,000.00	\$ 1,000.00	Economics	2023 Asian Meeting of the Econometric Society	Hegemony or Harmony? A Unified Framework for the International Monetary System
111	Dalmiya, Vrinda	I5	\$ 1,396.00	\$ 1,000.00	Philosophy	Care Ethics Otherwise: A Conference	Differently Relational, Various Responsible

Table 2  
2022-2023 Travel Awards - Mānoa

Count	Faculty	Rank	Amount Requested	Amount Approved	Department	Conference	Title of Presentation
112	Womack, Donald	I5	\$ 1,885.00	\$ 1,200.00	Music	Premiere of Geomungo Concerto	Black Dragon (Concerto for Geomungo and Gugak Orchestra)
113	Chen, Yifan	I3	\$ 2,000.00	\$ 2,000.00	Finance	30th Annual Global Finance Conference	Firm Location and the Value-Growth Premium
114	Chung, Han-byul	I3	\$ 2,000.00	\$ 1,500.00	East Asian Languages and Literatures	23rd Biennial Meeting of the International Circle of Korean Linguistics	pat vs. et, the two different ways to receive

Totals: \$ 244,417.46 \$157,831.98

Table 2  
2022 - 2023 Travel Awards - West O'ahu

Group Count	Faculty	Rank	Department	Estimated Funds Requested	Amount Awarded	Purpose	Title of Presentation/Paper
1	Ahn, David Eun	I5	BUSA	\$ 2,098.00	\$ 2,000.00	Illinois Economic Association Conference 2022	"Home Equity Wealth Accumulation in Cook County Applying the Automatic Valuation Model (AVM)"
2	James, Laurie	I4	Education	\$ 2,155.00	\$ 2,000.00	2022 NCTM Annual Meeting & Exposition	"Broadening Engagement, Participation, and Readiness in Mathematics"
3	Landgraf, Katie	I3	BUSA	\$ 2,018.00	\$ 2,000.00	American Accounting Association (AAA)	"Teaching Accounting in various Modalities"
4	Lopez, Leslie	S5	CLEAR	\$ 1,400.00	\$ 1,400.00	Pacific Ancient and Modern Language Association	"Chair, Labor & Literature, PAMLA"
5	Rosenlee, Li-Hsiang	I5	Humanities	\$ 3,064.00	\$ 2,000.00	The 23rd International Conference of the International Society for Chinese Philosophy (ISCP)	"Women and Gender in Ancient Chinese Philosophy"
6	Scheiding, Thomas	I4	Social Science	\$ 2,008.00	\$ 2,000.00	Missouri Valley Economic Association	"Minorities, Women, and the Politically Active in the Discipline of Economics - Diversification Comes to Economics"
7	Williamson, Lynette	I3	Math, Natural and Health Sciences	\$ 2,872.00	\$ 2,000.00	2023 Teaching Professor Annual Conference	"CRT Remix: Place-Based Learning"
8	Mironesco, Monique	I5	Social Science	\$ 2,882.00	\$ 2,000.00	Berkshire conference of Women, Genders, and Sexualities	"Women's Leadership in Alternative Food Networks (AFNs) in Hawaii"
9	Sakuda, Keith	I5	BUSA	\$ 4,440.00	\$ 2,000.00	Management & Organizational Behavior Teaching Society (MOBTS) Oceania conf	"A Virtual International Classroom for Organizational Behavior: Collaborative Online International Learning for Business Students in Hawaii and Japan"
10	Machosky, Brenda	I5	Humanities	\$ 2,753.00	\$ 2,000.00	2023 Modern Language Association (MLA) Annual Convention	"Gatekeeping and Mentoring can Co-exist"
11	Furuto, Michael	I4	Math, Natural and Health Sciences	\$ 1,858.00	\$ 1,858.00	Research Council on Mathematics Learning (RCML)	"Teaching Mathematics in the HyFlex Modality"
12	Cook, Kealani	I4	Humanities	\$ 2,667.00	\$ 2,000.00	Native American and Indigenous Studies Association (NAISA) 2023 conf	"Disobedient Natives" Non-Violent Civil Disobedience from Parihaka to the Present"
13	Yu, Patricia	I3	Social Science	\$ 2,069.00	\$ 2,000.00	American Association of Colleges and Universities (AACU) Conf	"The Uneven Impacts of Pandemic on Students from the Oahu Islands - A Case Study from University of Hawaii - West Oahu"
14	Jones, Richard	I5	Education	\$ 2,569.00	\$ 2,000.00	American Meteorological Society (AMS) annual meeting	"Actively Engaging Students with Meaningful Data: Adapting Professional Development Curriculum in Atmospheric Science for Immediate Use in the Classroom"
15	Vacca, Kirsten	I3	Social Science	\$ 2,200.00	\$ 2,000.00	Society for American Archaeology (SAA) annual meeting	"Collaborative and Equitable Training in Archaeology"
16	Bittman, Bonnie	I3	Education	\$ 2,845.00	\$ 2,000.00	National Council for the Social Studies Annual Conference	Financial Literacy Project: A One-Year Budget for Secondary Economics Students
17	Ikeda, Cathy	I4	Education	\$ 2,573.00	\$ 2,000.00	National Council of Teachers of English	Ho'omo'o: Growing ELA Leaders
18	Irvine, Lelemia	I3	Math, Natural and Health Sciences	\$ 3,601.00	\$ 2,000.00	Maramataka Symposium	Adapting to Covid-19 lockdowns: Integrating kilo hoku (Hawaiian celestial knowledge) for non-major undergraduate students through virtual, remote lab module in an introductory physics course
19	Pak, Michael	I3	Humanities	\$ 1,410.00	\$ 1,410.00	PAMLA conference	"Filling in Puka: Being and Ally in Academia"
20	Levy, Jason	I5	PUBA	\$ 2,835.00	\$ 2,000.00	Blue & Green Technology	"Innovation and Indigenous Knowledge for the Clean Tech Ecosystem"
21	Rosenlee, Li-Hsiang	I5	Humanities	\$ 2,474.00	\$ 2,000.00	American Philosophical Association (APA)	"Where did all the women go?"
22	Kwan, Hoku	S2	Student Affairs	\$ 3,077.00	\$ 2,000.00	2022 NASPA Western Regional Conference	Iwikuamo'o: Embracing Genealogical Foundations
23	Lilomaiva-Doktor, Sailiemanu	I5	Humanities	\$ 2,452.00	\$ 2,000.00	Native American and Indigenous Studies Association (NAISA) 2023 conf	The Cultural Significance of Naming, Indigenous Place Names and Meaning, Malae o Tiafau Mulinu'u, Samoa
24	Mahiko, Joy	I3	Education	\$ 2,009.00	\$ 2,000.00	American Association of Colleges for Teacher Education	Building Digital Competence: Using Design Thinking for Universal Design for Learning Solutions
25	Noite-Odhiambo, Carmen	I4	Humanities	\$ 1,754.00	\$ 1,754.00	Pacific Ancient and Modern Language Association	Can the Wild Child Speak? Kaspar Hauser Syndrome and Bare Life

Table 2  
2022 - 2023 Travel Awards - West O'ahu

Group Count	Faculty	Rank	Department	Estimated Funds Requested	Amount Awarded	Purpose	Title of Presentation/Paper
26	Odhiambo, Nandi	I4	Humanities	\$ 1,824.00	\$ 1,824.00	Pacific Ancient and Modern Language Association	The Minoritarian, Black Reason, and the Black-Figure
27	Rush, Leslie	I3	BUSA	\$ 1,500.00	\$ 1,500.00	International Academy of Business and Public Administration Disciplines	High impact practices in underserved communities: linking open educational resources and local non-profit in business communications course design
28	Yong, Kamuela	I4	Math, Natural and Health Sciences	\$ 400.00	\$ 400.00	American Educational Research Association	A Voyage of the Pacific: Teacher Preparation in Ethnomathematics Beyond School Walls
29	Orr, Stan	I5	Humanities	\$ 1,163.00	\$ 1,163.00	119th Pacific Ancient and Modern Language Association (PAMLA)	"Unlike Spock, He Never Adjusted": John Kneubuhl's "Bread and Circuses" (Star Trek, 1968).
30	Yu, Patricia	I3	Social Science	\$ 2,586.00	\$ 2,000.00	Amerian Real Estate Society Conference	The Bizarre Impact of Covid-19 Pandemic on Housing Prices on Oahu, HI
31	Aumer, Katherine	I3	Social Science	\$ 3,570.00	\$ 2,000.00	2023 Association for Psychological Science (APS)	Colonial Influence on Emotion Conceptualization: Evidence from a Native Hawaiian Perspective on Love and Hate
32	Noite-Odhiambo, Carmen	I4	Humanities	\$ 2,883.00	\$ 2,000.00	The Child and the Book Conference	A Different Rhythm: Chanting and Temporality in Hawaiian Adolescent Literature
33	Cavert, William	I2	Social Science	\$ 2,000.00	\$ 2,000.00	Pacific Populations: Fertility, Mortality and Movement in Colonial Oceania	A Veritable Plague: Invader Species and Disease in France's Pacific Empire
34	Cavert, William	I2	Social Science	\$ 2,000.00	\$ 2,000.00	Society for Global Nineteenth-Century Studies Singapore 2023 World Congress	Showdown at New Cythera: France, Britain, and War in the Kingdom of Tahiti, 1842 - 1847
35	Compoc, Kimberly	I3	Social Science	\$ 2,189.00	\$ 2,000.00	International Women's Network Against Militarism's 10th International Convening to Understand, Develop, Strategize, and Disseminate: "Feminist Vision of Genuine Security and Culture of Life"	Internationalizing Abolition: Toward Transformative Justice for Women Living (and Dying) Along the Fenceline
36	Correa, Mary Kalikolani	I3	Humanities	\$ 3,834.00	\$ 2,000.00	Native American and Indigenous Studies Association (NAISA) 2023 conf	Kalākāua, Nation Building Through Mele: An Analysis of Two Mele By King David Kalākāua From His World Tour
37	Itoga, Holly	I3	BUSA	\$ 2,910.00	\$ 2,000.00	Travel and Tourism Research Association International Conference	Resident willingness to pay for "local, ecologically sustainable and cultural food production and consumption" in Hawaii
38	James, Laurie	I4	Math, Natural and Health Sciences	\$ 1,881.00	\$ 1,881.00	Research Council on Mathematics Learning (RCML) Annual Conference	Developing Culturally-Relevant Pedagogy in Math
39	Landgraf, Katie	I3	BUSA	\$ 2,101.00	\$ 2,000.00	International Academy of Business and Public Administration Disciplines Conference	High Impact Practices in Underserved Communities: Linking Open Educational Resources and Local Non-Profit in Business Communications and Course Design
40	Machosky, Brenda	I5	Humanities	\$ 2,364.00	\$ 2,000.00	American Assoc. of Australasian Studies	L'histoire: Stories and histories
41	Mironesco, Monique	I5	Social Science	\$ 2,163.00	\$ 2,000.00	Western Political Science Association	Decolonizing Agriculture and Food Systems in Oceania
42	Orr, Stan	I5	Humanities	\$ 1,441.00	\$ 1,441.00	2023 Convention of the Modern Language Association	A Wide-Angle View of Mar-a-Lago as Spanish Fantasy Resort
43	Rush, Leslie	I3	BUSA	\$ 344.00	\$ 344.00	The Barcelona Conference on Education	Assessing Full-Time Undergraduate Student Segments: Public Higher Education Enrollment in Hawaii
44	Scheiding, Thomas	I4	Social Science	\$ 2,680.00	\$ 2,000.00	Research at Rubenstein Library at Duke University	Minorities, Women, and Radicals in the Discipline of Economics - Diversification Comes to Economics
45	Widiasih, Esther	I4	Math, Natural and Health Sciences	\$ 1,813.00	\$ 1,813.00	Society for Industrial and Applied Mathematics (SIAM) Conference on Applications of Dynamical Systems (DS23)	Modeling the Mid-Pleistocene Transition Via Ramping Frequency Locking in An Energy Balance Model
46	Landgraf, Katie	I3	BUSA	\$ 2,209.00	\$ 2,000.00	International Academy of Business and Public Administration Disciplines	High Impact Practices in Underserved Communities: Linking Open Educational Resources and Local Non-Profit in Business Communications Course Design
47	Chapman, Matthew	I5	BUSA	\$ 1,997.00	\$ 1,997.00	Center in Academic Excellence in Cybersecurity Symposium	Evolving Undergraduate Cybersecurity Education to Counter Evolving Cyber Threats: Malware Analysis
48	Compoc, Kimberly	I3	Social Science	\$ 2,042.00	\$ 2,000.00	Research at National Library of the Philippines and University of the Philippines Diliman Library	Hawai'i and the Philippines: Connections Across the Empire
49	Graham-Tutt, Camonia	I4	Math, Natural and Health Sciences	\$ 3,638.00	\$ 2,000.00	StemNoire	Creating an Environment of Engaged STEM Scholarship at the University of Hawaii West Oahu: 12 Semesters of Undergraduate Research

Table 2  
2022 - 2023 Travel Awards - West O'ahu

Group Count	Faculty	Rank	Department	Estimated Funds Requested	Amount Awarded	Purpose	Title of Presentation/Paper
50	James, Laurie	I4	Education	\$ 2,624.00	\$ 2,000.00	Canada International Conference on Education	Desired Traits of Preservice Teachers for the Math Classroom
51	Levy, Jason	I5	PUBA	\$ 600.00	\$ 600.00	International Conference on Business Management, Emerging Technologies, and Social Science	Advances in Business Continuity Education for Indigenous Communities and Underserved Groups in the U.S. State of Hawai'i
52	Machosky, Brenda	I5	Humanities	\$ 4,856.00	\$ 2,000.00	Research at Sydney University Library in Sydney, Australia, Australian Institute for Aboriginal and Torres Strait Island Studies, and Australia National University Library in Canberra, Australia	World Without Fail
53	Mello, Christina	I4	Social Science	\$ 1,893.00	\$ 1,893.00	Research at St. Joseph Kamaio Cemetary	Unmarked Burials at Moloka'i Cemetary: A Community Engaged Approach
54	Orr, Stan	I5	Humanities	\$ 2,824.00	\$ 2,000.00	Research at U.C. San Diego Geisel Library	Spanish Fantasy Resort Conventions at the Casa de Bandini
55	Roy, Garry	I3	Math, Natural and Health Sciences	\$ 500.00	\$ 500.00	Hawaii University International Conference	Trauma Informed Pedagogy: New Horizons post-pandemic
56	Sakuda, Keith	I5	BUSA	\$ 3,024.00	\$ 2,000.00	World Congress on Education	Developing International Fully Integrated Virtual Exchange for College Business Classes: A More Inclusive Version of Study Abroad
57	Williamson, Lynette	I3	Math, Natural and Health Sciences	\$ 500.00	\$ 500.00	Hawaii University International Conference	Trauma Informed Pedagogy: New Horizons post-pandemic
<b>Total</b>				<b>\$ 130,436.00</b>	<b>\$ 102,278.00</b>		



**Table 3**  
**2022-2023 Distribution of Facilitating Services Fund**

<b>RTRF Revenue by Unit</b>	<b>Basis</b>	<b>Allocation</b>
College of Arts, Languages, and Letters	\$ 664,119.90	
College of Education	\$ 2,161,855.05	
College of Engineering	\$ 976,303.62	
College of Natural Sciences	\$ 3,878,632.92	
College of Social Sciences	\$ 2,641,303.20	
College of Tropical Agriculture and Human Resources	\$ 2,554,812.28	
Hawai'i inui ike School of Hawaiian Knowledge	\$ 37,167.66	
Institute for Astronomy	\$ 3,901,466.08	
John A. Burns School of Medicine	\$ 8,132,784.35	
Lyon Arboretum	\$ 80,980.88	
Nancy Atmospera-Walch School of Nursing	\$ 143,860.99	
Office of the Provost	\$ 1,443,548.89	
Outreach College	\$ -	
School of Architecture	\$ 15,677.49	
School of Ocean and Earth Science and Technology	\$ 12,849,882.37	
Shilder College of Business	\$ 20,346.22	
Thompson School of Social Work & Public Health	\$ 1,831,430.81	
UH Cancer Center	\$ 5,177,134.52	
Vice Chancellor, Research	\$ 119,426.69	
Vice Provost, Academic Excellence	\$ 66,528.30	
Vice Provost, Student Success	\$ 320,645.86	
Water Resources Research Center	\$ 189,924.14	
William S. Richardson School of Law	\$ 106,361.91	
<b>Mānoa</b>	<b>\$ 47,314,194.13</b>	<b>\$ 35,562,703.00</b>
UH Hilo	\$ 3,134,131.27	
SBDC	\$ 265,843.44	
<b>UH Hilo</b>	<b>\$ 3,399,974.71</b>	<b>\$ 2,401,180.00</b>
UH West Oahu	\$ 998,714.32	
<b>West O'ahu</b>	<b>\$ 998,714.32</b>	<b>\$ 933,549.00</b>
VP for Community College	\$ 399,263.12	
Hawai'i CC	\$ 522,117.50	
Honolulu CC	\$ 667,792.14	
Kapi'olani CC	\$ 947,849.87	
Kaua'i CC	\$ 353,604.05	
Leeward CC	\$ 1,089,775.55	
Maui College	\$ 1,430,668.30	
Windward CC	\$ 544,100.17	
<b>Campus CC</b>	<b>\$ 5,955,170.70</b>	<b>\$ 5,095,510.00</b>
Systemwide		
President	\$ 98,685.28	
VP for Academic Strategy	\$ 293,439.41	
VP for Administration	\$ 2,767.88	
VP for Research and Innovation	\$ 1,235,355.45	
Office of the VP for Information Tech/Chief Info Officer	\$ 3,602,244.44	
Applied Research Laboratory	\$ 206,849.13	
<b>Systemwide</b>	<b>\$ 5,439,341.59</b>	<b>\$ 2,986,889.00</b>
<b>Grand Total</b>	<b>\$ 63,107,395.45</b>	<b>\$ 46,979,831.00</b>

**Table 4**  
**2022-2023 Project Development Fund Awards – Vice Provost for Research and Scholarship**

Item No.	Unit	Account Title	P.I.	Amount
1	College of Arts, Languages and Letters	A&H Facilitating	Chan, G.	\$ 1,347.43
2	College of Engineering	Faculty Start-Up	Schmitt, P.	\$ 19,444.00
3	College of Engineering	Faculty Start-Up	Wang, Z.	\$ 16,666.00
4	College of Tropical Agriculture and Human Resources	Faculty Start-Up	He, Y.	\$ 15,000.00
5	College of Tropical Agriculture and Human Resources	Faculty Start-Up	Lee, M.	\$ 42,000.00
6	College of Tropical Agriculture and Human Resources	Salary Support	Litton, C.	\$ 20,953.92
7	College of Tropical Agriculture and Human Resources	Faculty Start-Up	Shikano, I.	\$ 16,667.00
8	Graduate Division	GSO Travel	Westfall-Senda, M.	\$ 50,000.00
9	Institute for Astronomy	Faculty Start-Up	Baxter, E.	\$ 58,333.33
10	Institute for Astronomy	Faculty Start-Up	Bottom, M.	\$ 40,000.00
11	Institute for Astronomy	Faculty Retention	Chun, M.	\$ 75,000.00
12	Institute for Astronomy	Faculty Start-Up	Haggerty, C.	\$ 40,000.00
13	Institute for Astronomy	Faculty Start-Up	Sun, X.	\$ 20,000.00
14	John A. Burns School of Medicine	COBRE III	Ward, S.	\$ 42,116.00
15	Lyon Arboretum	Faculty Start-Up	Zahawi, Z.	\$ 75,000.00
16	Manoa Office of Business & Finance	Utilities	Araki, Blake	\$ 1,000,000.00
17	Manoa Office of Business & Finance	Ka Malu A. Wa'ahila	French, Alexandra	\$ 177,318.26
18	School of Ocean & Earth Science Technology	Faculty Start-Up	Berry, M.	\$ 100,000.00
19	School of Ocean & Earth Science Technology	Faculty Start-Up	Bushinsky, S.	\$ 87,000.00
20	School of Ocean & Earth Science Technology	Faculty Start-Up	Coats, S.	\$ 47,000.00
21	School of Ocean & Earth Science Technology	Faculty Start-Up	Hawco, N.	\$ 33,334.00
22	School of Ocean & Earth Science Technology	Faculty Start-Up	Janisweski, H.	\$ 87,000.00
23	School of Ocean & Earth Science Technology	Faculty Start-Up	Johansen, J.	\$ 50,000.00
24	School of Ocean & Earth Science Technology	Faculty Start-Up	Krieg, M.	\$ 100,000.00
25	School of Ocean & Earth Science Technology	Faculty Start-Up	McManus, L.	\$ 50,000.00
26	School of Ocean & Earth Science Technology	Faculty Start-Up	Wright, R.	\$ 150,000.00
27	University of Hawaii Cancer Center	U54 Cost-Share	Palafos, N.	\$ 100,000.00
28	Vice Provost for Research & Scholarship	UROP Support	Litton, C.	\$ 150,000.00
29	Vice Provost for Research & Scholarship	Bond Payment	Sabine, C.	\$ 1,650,688.93
30	Vice Provost for Research & Scholarship	Makai Pier	Sabine, C.	\$ 25,000.00
31	Vice Provost for Research & Scholarship	The Implementation Group	Sabine, C.	\$ 69,500.00
32	Water Resources Research Center	Director Support	Giambelluca, T.	\$ 63,696.00
				\$ 4,473,064.87

**Table 5**  
**2022-2023 Student Excellence in Research Awards**

NONE

**Table 6**  
**2022-2023 VP for Research and Innovation Investments**

<b>Item</b>	<b>Campus</b>	<b>Unit</b>	<b>Purpose</b>	<b>Commitment</b>
1	HI	Chancellor	OANRP 'Iole Collaboration	\$ 250,000.00
2	MA	College of Engineering	EXWC Travel Expenses	\$ 3,736.01
3	MA	College of Engineering	Faculty Start-up	\$ 87,500.00
4	MA	College of Natural Sciences	Faculty Start-up	\$ 177,500.00
5	MA	College of Natural Sciences	Faculty Start-up	\$ 150,000.00
6	MA	College of Tropical Agriculture & Human Resources	Faculty Start-up	\$ 50,000.00
7	MA	College of Tropical Agriculture & Human Resources	OANRP Salary Support	\$ 100,000.00
8	MA	Hawaiinuiouka School of Hawaiian Knowledge	'Po'ai Ke Aloha 'Aina Research Center	\$ 366,109.00
9	MA	Institute for Astronomy	Faculty Start-up	\$ 112,500.00
10	MA	John A. Burns School of Medicine	'Akahi Cohort Program	\$ 50,000.00
11	MA	John A. Burns School of Medicine	COBRE II Support	\$ 250,000.00
12	MA	John A. Burns School of Medicine	COBRE Phase 1 Support	\$ 75,000.00
13	MA	John A. Burns School of Medicine	U54 Clinical Trials	\$ 75,000.00
14	MA	Vice Provost for Research and Scholarship	UROP Support	\$ 43,500.00
15	MA	Vice Provost for Research and Scholarship	Academic Analytics	\$ 125,000.00
16	SW	Academy for Creative Media	FY 2023 supplemental budget	\$ 156,608.00
17	SW	Vice President for Research and Innovation	RFP Evaluation Committee	\$ 432,000.00
18	SW	Vice President for Research and Innovation	Excellence in Research Awards	\$ 12,000.00
19	WO	Chancellor	Faculty Travel	\$ 54,731.00
				<u>\$2,571,184.01</u>

**Table 7**  
**Five-Year Summary of Research and Non-Research Grants and Contracts Awarded**

<u>Description</u>	<u>Fiscal Year</u> <u>2019</u>	<u>Fiscal Year</u> <u>2020</u>	<u>Fiscal Year</u> <u>2021</u>	<u>Fiscal Year</u> <u>2022</u>	<u>Fiscal Year</u> <u>2023</u>
Research	\$ 222,860,456	\$ 229,664,292	\$ 238,259,645	\$ 269,968,449	\$ 268,584,963
Non-Research	\$ 198,991,704	\$ 220,774,957	\$ 247,269,281	\$ 235,050,685	\$ 247,330,607
	<u>\$ 421,852,160</u>	<u>\$ 450,439,249</u>	<u>\$ 485,528,926</u>	<u>\$ 505,019,134</u>	<u>\$ 515,915,570</u>