



UNIVERSITY
of HAWAII®
SYSTEM

David Lassner
President

DEPT. COMM. NO. 158

December 15, 2020

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

The Honorable Scott Saiki, Speaker
and Members of the House of Representatives
Thirty-First 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 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/2021-legislative-reports/>.

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

Sincerely,

A handwritten signature in black ink, appearing to read "David Lassner", with a long horizontal flourish extending to the right.

David Lassner
President

Enclosure

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UNIVERSITY OF HAWAI‘I SYSTEM ANNUAL REPORT



REPORT TO THE 2021 LEGISLATURE

Annual Report on the
Research and Training Revolving Fund

HRS 304A-2253

December 2020

ANNUAL REPORT ON THE RESEARCH AND TRAINING REVOLVING FUND 2019-2020

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 2019-2020 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 Chancellor for Research (VCR), 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, \$52,059,371.97 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

A total of \$350,000 was invested in Professional Travel by the UH Mānoa VCR distributed as follows:

The Council reviewed 189 travel requests and made 161 awards totaling \$223,798.88. Table 1 lists the Professional Travel recipients.

A total of \$100,000 was invested in Professional Travel for UH West O'ahu and was distributed as follows:

The Council reviewed 67 travel requests and made 57 awards totaling \$103,776. Table 2 lists the Professional Travel recipients.

Investments for 2019-2020: \$450,000

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 \$37,279,488 was invested in the fund. Table 3 lists the distribution by unit.

Investments for 2019-2020: \$37,279,488

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 VCR made 57 awards totaling \$6,113,883.40. Table 4 lists the Project Development Fund recipients.

\$1,500 was invested in the Student Excellence in Research Awards by the UH Mānoa VCR. Table 5 lists the Student Excellence in Research Awards recipients.

Investments for 2019-2020: \$6,115,383.40

4. Vice President for Research and Innovation Investments:

A total of \$11,331,504.88 was invested for infrastructure:

<u>Description</u>	<u>FY 2020</u>
RCUH Management Fees	5,792,149.52
A-133 Audit	381,644.63
High Speed Internet Connection	810,000.00
Office of the VP for Research and Innovation	1,053,144.03
Office of Research Services	1,527,657.48
Office of Innovation and Commercialization	823,164.07
Office of Research Compliance	943,747.15
TOTAL	11,331,504.88

The VPRI made 22 awards totaling \$2,891,033.51 in support of programs summarized in Table 6.

Investments for 2019-2020: \$14,222,538.39

5. Summary of Investments

		Allocation	Carry Forwards / Adjustments	Total Available	Expenditures	Committed to be Spent	Available Balance
Professional Travel		450,000	214,153	664,153	265,840	398,314	-
						-	
Facilitating Services		29,904,829.10	28,170,908	58,075,737	30,816,480.69	27,259,256	-
						-	
Project Development Fund						-	
	Vice Chancellor for Research	7,023,159	4,742,820	11,765,979	4,072,311.08	7,693,668	-
	Student Excellence in Research Awards	1,500		1,500	1,500	-	-
						-	
	Vice President for Research & Innovation	3,348,379	292,621	3,641,000	8,162,505.50	(4,521,505)	-
	Research Infrastructure	11,331,505	(4,202,100)	7,129,405	7,373,658	(244,253)	-
TOTAL		52,059,372	29,218,403	81,277,775	50,692,295	30,585,480	

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, 2019-2020

Attached summary table, Table 7 for research and non- research projects, each of which gives comparative figures for awards made to the University, the past five years.

In 2019-2020, research awards worth \$229,664,292 and training awards worth \$220,774,957 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 1
2019-2020 Professional Travel Awards Annual Report – Mānoa

Count	Last Name	First Name	Rank	Estimated Funds Requested	Amount Approved	Department	Conference	Title of Presentation
1	Abinales	Patricio	I5	\$ 1,100.00	\$ 1,000.00	Asian Studies	Conference on Mindanao and Mindanao Studies and a Meeting with Japanese scholars working on the southern Philippines	"American Soft Power and the Peace Process in Mindanao" for the Conference on Mindanao and Mindanao Studies
2	Aqcaoli	Aurelio	I4	\$ 1,700.00	\$ 1,200.00	Indo-Pacific Languages and Literatures	2019 International Year of Indigenous Languages	Indigenity, Inclusion, and Internal Colonialism: Towards an Orthopraxis for Liberation Education and the Empowerment of First
3	Agrusa	Jerome	I4	\$ 2,648.00	\$ 1,700.00	Travel Industry Management	Asia Pacific Tourism Association Conference	SHORT-TERM RENTAL: DISRUPTIVELY INNOVATIVE OR DISTURBINGLY ANNOYING FOR RESIDENTS?
4	Allen	Sarah	I4	\$ 2,310.67	\$ 1,200.00	English	2019 Feminisms and Rhetorics Conference	Human Animal and Nonhuman Animal Rhetorics: Listening to the Nonhuman Animal's Voice
5	Amend	Anthony	I4	\$ 2,514.60	\$ 1,700.00	Botany	Ecological Society of America	Microbial connectivity across land, sea, and stream within a model Hawaiian mesocosm
6	Aranda	Lucia	I5	\$ 1,920.00	\$ 800.00	Languages and Literatures of Europe and the Americas	American Literary Translators Association	Collaborating with students and the author: a translation of SS Heliópolis. La primera emigración de andaluces a Hawái. 1907.
7	Auman	Ann	I5	\$ 3,373.00	\$ 1,200.00	Communications	Journalism Education and Research Association of Australia	Hawaiian Journalism Resource Guide and Stylebook
8	Bacchilega	Cristina	I5	\$ 1,848.00	\$ 1,200.00	English	International Conference on the fantastic in the Arts	"Post-classic Disney: Remix, Desist, Reanimate"
9	Bahng	Youngin	I4	\$ 2,210.00	\$ 1,700.00	Family and Consumer Sciences	International Textiles and Apparel Association (ITAA) annual conference	Understanding female retail entrepreneurs' managerial performance and well-being: resources, barriers, capabilities, motivation, and Collection, selection and evaluation of native Hawaiian plants for landscape and indoor uses (Oral presentation) Morphological characterization and identification of pa'uohi'iaka (Jacquemontia sandwicensis A. Gray) accessions for hanging basket use (Poster
10	Baldos	Orville	R3	\$ 1,690.00	\$ 1,690.00	Tropical Plants and Soil Sciences	IX International Symposium on New Ornamental Crops	Acceptability of a text message-based intervention for obesity prevention in infants from Hawai'i and Puerto Rico WIC
11	Banna	Jinan	I4	\$ 2,000.00	\$ 1,700.00	Human Nutrition, Food and Animal Sciences	Annual Meeting of the Japan Society for Developmental Origins of Health and Disease	Conserving Water Resources in the US Pacific Islands Region by Optimal Irrigation of Farmlands
12	Batani	Sayed	I3	\$ 2,350.00	\$ 2,000.00	Civil and Environmental Engineering	74th Soil and Water Conservation Society (SWCS) International Annual Conference	Heavily Embroidered Burdens: The Social and Gendered Construction of Indigeny through Andean Textiles
13	Beaule	Christine	I4	\$ 600.00	\$ 600.00	Languages and Literatures of Europe and the Americas	The Southwest Seminar	Data citation in linguistics publications: A scholar-led, community-based initiative
14	Berez-Kroecker	Andrea	I4	\$ 2,965.00	\$ 1,700.00	Linguistics	14th Munin Conference on Scholarly Publishing	Exit points: Why do women leave gaming?
15	Bergstrom	Kelly	I3	\$ 1,915.00	\$ 1,915.00	Communication	Society for Cinema and Media Studies	Integrating the Study of Gesture and Performance with Animation Industry Workflows in Teaching 3D Character Animation
16	Biggs	Brittany	I3	\$ 2,284.75	\$ 1,500.00	Academy for Creative Media	Performing Animation, Animating Performance	Guest conducting residency in Kuala Lumpur & Penang, Malaysia
17	Boeckman	Jeffrey	I4	\$ 1,031.88	\$ 1,031.88	Music	Guest conducting residency in Kuala Lumpur & Penang, Malaysia	Guest conducting residency in Kuala Lumpur & Penang, Malaysia
18	Bousquet	Louis	I4	\$ 2,161.00	\$ 1,700.00	LLEA	Au carrefour des sens quatrième édition, colloque international de linguistique et littérature	Extases inexplicables
19	Brunson	Jan	I4	\$ 1,970.00	\$ 1,200.00	Anthropology	American Anthropological Association annual conference	Tool of economic development, metric of global health: Promoting planned families and economized life in Nepal
20	Buelow	Stephanie	I4	\$ 2,002.00	\$ 1,200.00	Institute for Teacher Education	National Council of Teachers of English	1. STEM Literacies (Session Title), Presentation Title: "Seizing Teachable Moments: Promoting Inquiry through a Disciplinary Literacy Instructional Approach in Kindergarten" 2. Inquiring Out, Developing Within (Session Title), Presentation Title: "A Disciplinary Literacy Instructional Framework in Elementary Education"

Table 1
2019-2020 Professional Travel Awards Annual Report – Mānoa

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21	Burrage	Rachel	I3	\$ 2,048.00	\$ 2,000.00	Social Work	Council on Social Work Education Annual Program Meeting (CSWE APM)	Presentation 1: Trauma and Loss in Indigenous Context: The Case of the Beauval Indian Residential School; Presentation 2: Constructing Culturally Grounded Literature Reviews
22	Cain	Matthew	I3	\$ 2,000.00	\$ 2,000.00	Chemistry	ORGANOMETALLICS GORDON RESEARCH CONFERENCE	New Phosphorus-Ligated Transition Metal Complexes and Novel PN Heterocycles Systematic Investigations into Small Molecule Activation and Catalysis
23	Caldwell	Ethan	I3	\$ 2,414.00	\$ 1,700.00	Ethnic Studies	Global Mobility Humanities Conference (GMHC) 2019	"Trapped in Nuanced Frequency: Black Soldiers, Black Cool, and Hip Hop in Okinawa"
24	Cantal-Pagkalinawan	Leticia	I3	\$ 2,000.00	\$ 1,000.00	Indo-Pacific Languages and Literatures	2020 Association for Asian Studies Annual Conference	Philippine Traditional Games and Pastimes: A Tool for Teaching Language and Culture Session Title: Globalization of Southeast Asian Language Instruction
25	Chai	Sun-Ki	I5	\$ 2,847.73	\$ 1,200.00	Sociology	American Sociological Association	Endogenous Preference Change and Group Behavior in Experiments
26	Chandler	Paul	I5	\$ 2,754.00	\$ 1,000.00	Languages and Literatures of Europe and the Americas	2019 MLA International Symposium	Discovering M J Coito: The Portuguese Poet of Honolulu
27	Chandra	Nandini	I3	\$ 2,020.00	\$ 1,700.00	English	Annual Conference on South Asia	The Artisanal Turn in Graphic Media: Bhimayana's Historiography on the Gandhi-Ambedkar Debate
28	Chang	Sumi	I2	\$ 2,582.72	\$ 1,000.00	East Asian Languages and Literatures	The American Council on the Teaching of Foreign Languages (ACTFL) Annual Convention and World Languages Expo	"Can-Go" Beyond Classroom to Community Language Contest?
29	Cheng	Chung-ying	I5	\$ 4,900.00	\$ 1,000.00	Philosophy	21st International Conference on Chinese Philosophy	On Primary Cosmology, to be is to become
30	Chi	Junwook	I4	\$ 2,084.00	\$ 1,200.00	School of Travel Industry Management	Applied Business and Entrepreneurship Association International Sixteenth Annual Meeting	Revisiting the tourism-inequality nexus: Evidence from a panel of developed and developing economies
31	Choi	Jaerin	I3	\$ 1,500.00	\$ 1,500.00	Economics	Midwest International Trade Conference	Global Influences on Gender Inequality: Evidence from Female Employment in Korea
32	Colwill	Elizabeth	I4	\$ 1,678.00	\$ 1,200.00	American Studies	National Women's Studies Association	"Blood on Her Chemise": Remapping the Boundaries of Terror in Cap Français
33	Cook	Haruko	I5	\$ 3,585.12	\$ 800.00	East Asian Languages and Literatures	9th International Symposium on Intercultural, Cognitive and Social Pragmatics (EPICS IX)	"Socialization into multimodal construction of a professional self in a Japanese company" in a panel entitled, "Professional Identities in Transitional Contexts"
34	Crosby	Martha	I5	\$ 2,610.50	\$ 1,200.00	Information and Computer Sciences	21st International Conference on Human-Computer Interaction/13th International Conference on Augmented Cognition	Tokens of Interaction: Psychophysiological Signals, A Potential Source of Evidence of Digital Incidents
35	Crowther	Dustin	I3	\$ 1,696.00	\$ 1,696.00	Second Language Studies	Second Language Research Forum	Accentedness and Comprehensibility as Predictors of Task Performance: Listeners' Scalar-based vs. Raters' Rubric-based Scoring (solo author) The Construct of Accuracy in Oral Language Production Studies (solo author, as part of invited colloquium) 1. thought if I ever went undercover in Russia: Foreign Language Motivation in a Military Context (second author - abstract not uploaded, Talking Story: Lessons from Public Engagement Around Transit-Oriented Development in Hawaii)
36	Das	Priyam	I4	\$ 2,298.00	\$ 1,500.00	Urban and Regional Planning	Association of Collegiate Schools of Planning	The transformative impacts of pro-poor shelter policies: planning lessons from Surabaya
37	Das	Ashok	I4	\$ 2,590.00	\$ 1,500.00	Urban and Regional Planning	Association of Collegiate Schools of Planning Annual Conference	Why does puppy have a tummy ache?: Facilitating expectation using pedagogical questions to promote learning in preschoolers
38	Daubert	Emily	I3	\$ 2,033.15	\$ 1,700.00	Psychology	Cognitive Development Society	1. Children's Acquisition of Perspective-Taking Benefactive Verbs in Japanese 2. Pronoun Advantage in L2 Relative Clause Processing 3. Children Need More Information for Comprehension: Limits on the Agent-first Preference in Korean
39	Deen	Kamil	I5	\$ 2,313.00	\$ 1,200.00	Linguistics	Boston University Conference on Language Development	My Mother was a Sabra and Other Inconvenient Truths
40	Desser	Daphne	I4	\$ 2,235.00	\$ 500.00	English	Humanities Education and Research Association Conference	

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41	Drake	Donald	I5	\$ 4,119.03	\$ 1,200.00	Botany	Island Biology 2019	The forgotten fauna: native seed predators on islands
42	Fan	Victoria	I3	\$ 2,887.00	\$ 1,700.00	Public Health Studies	11th Asia/Oceania Congress of Gerontology and Geriatrics 2019 (IAGG 2019)	Senior Citizen "Movements" in the US and Europe
43	Ferguson	Kathy	I5	\$ 2,509.80	\$ 1,000.00	Political Science and Women's Studies	American Political Science Association	Printers' Letters: Epistolary and Compositional Exchanges
44	Feuerstein	Anna	I4	\$ 2,250.00	\$ 1,700.00	English	Interdisciplinary Nineteenth-Century Studies (INCS)	Sail, Slavery, and the Cruelty of Extraction: Reading The History of Mary Prince as Part of the Black Anthropocene
45	Fincham	Naiyi	S2	\$ 2,726.00	\$ 1,000.00	Center for Language and Technology	ACTFL 2019 Annual Convention and World Languages Expo	Developing Intercultural Competence Through a Korean Simulation
46	Foster	James	R4	\$ 2,491.00	\$ 1,500.00	Hawai'i Institute of Geophysics and Planetology	International Union of Geodesy and Geophysics	Ship-based GNSS Tsunami Detection
47	Frambaugh-Kritzer	Charlotte	I4	\$ 3,780.00	\$ 1,700.00	Institute for Teacher Education	21st European Literacy Conference associated with 18th Nordic Literacy Conference as well as the International Literacy Association (ILA) and the Federation of European Literacy Association (FELA)	How I found more Overt Ways to Bring Social Justice to Action in my Secondary Disciplinary Literacies Methods Course
48	Friday	James	S5	\$ 2,286.00	\$ 1,200.00	Natural Resources and Environmental Management	Society of American Foresters 2019 National Convention	Management of native Hawaiian forests affected by Ceratocystis wilt
49	Fukuda	Shin	I4	\$ 1,691.83	\$ 1,000.00	EALL	The 12th International Workshop on Theoretical East Asian Linguistics (TEAL 12)	A Case of Lexically Specific Symmetrical DOM: Experimental Evidence from Transitive Deverbal Nouns in Japanese
50	Gabrovski	Miroslav	I3	\$ 2,549.00	\$ 1,700.00	Economics	Western Economic Association International, 94th Annual Conference	Simultaneous Innovation and the Cyclicity of R&D
51	Gagnon	John	I3	\$ 1,992.00	\$ 1,992.00	English	Trauma, Narratives, Institutions: Transdisciplinary Dialogues	The Role of Decolonial Rhetorics in Re-imagining Trauma-Related
52	Garneau	Marie	I5	\$ 2,522.00	\$ 1,100.00	Languages and Literatures of Europe and the Americas	EHIC (Human Spaces and Cultural Interactions) University of Literature and Humane Sciences of Limoges, France	Le corps vérolé balzacien, réceptacle d'une longue histoire médicale, éthique et artistique
53	Gasiorek	Jessica	I4	\$ 3,040.00	\$ 225.00	Communicology	International Communication Association Conference	Interpersonal Communication about Age and Aging Predicts Health-Related Quality of Life
54	Gerhardt	Christina	I4	\$ 1,955.00	\$ 1,700.00	Languages and Literatures of Europe and the Americas	German Studies Association	Perceived Stress Predicts Age-Based Social Categorization in Middle Aged and Older Adults' Communication Contributions of LSP
55	Gilliland	Betsy	I4	\$ 1,544.00	\$ 1,544.00	Second Language Studies	Symposium on Second Language Writing	[Language and Social Psychology] to Studying Understanding
56	Goodyear-Kaopua	Noelani	I5	\$ 1,912.20	\$ 1,200.00	Political Science	National Women's Studies Association	New German Cinema, Feminist Filmmaking and Its International Contexts
57	Grueter	Theres	I4	\$ 1,700.00	\$ 1,700.00	Second Language Studies	44th annual Boston University Conference on Language Development (BUCLD)	Preservice EFL teachers' writing preparation in the Chilean context
58	Habel	Shellie	A2	\$ 1,990.00	\$ 1,000.00	Sea Grant College Program	The Geological Society of America Annual Meeting	"Mana Wahine theory and the work of Haunani-Kay Trask" in roundtable titled, "'Oceanic Indigenous feminisms: s/pacific bodies, 1) Evidence for the resilience of syntactic processing to L1 attrition 2) Learning words with lexical tone: Is manipulation of attentional focus beneficial? 3) Tense and finiteness in contemporary child Pidgin (Hawai'i Creole)
59	Hallett	Brien	I5	\$ 2,420.01	\$ 1,000.00	Institute for Peace	American Sociological Association Annual Meeting	COMPOUNDING MECHANISMS OF SEA LEVEL RISE INDUCED FLOODING PRODUCES DOUBLING OF CRITICAL INFRASTRUCTURE FAILURE IN HONOLULU BY THE 2030S
60	Halliday	Timothy	I5	\$ 2,050.00	\$ 1,200.00	Economics	Asian Workshop on Econometrics and Health Economics	John Austin on Quantum Physics: Agency and the Non-Existent
								The Impact of Medicaid on Medical Utilization in a Vulnerable Population: Evidence from COFA Migrants

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2019-2020 Professional Travel Awards Annual Report – Mānoa

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61	Harwit	Eric	I5	\$ 2,130.00	\$ 1,000.00	Asian Studies	American Political Science Association Annual Conference 2019	"Globalization of China's Dominant Social Media App: Prospects for WeChat"
62	Hasegawa	Atsushi	I3	\$ 2,242.00	\$ 1,700.00	East Asian Languages and Literatures	American Association for Applied Linguistics	How Do Students Use Activity Prompts? Interactive Emergence in Semi-Scripted Pair Work (included in the colloquium titled "Sociomateriality in Language Learning and Teaching: Emergent Definitions of 'Materials' and 'Materials Use'")
63	He	Yanghua	I3	\$ 2,335.00	\$ 1,700.00	Human Nutrition, Food and Animal Sciences	Plant and Animal Genome XXVIII Conference	Epigenetic mechanisms of myogenesis in myostatin transgenic mice
64	Herrero-Bervera	Emilio	R5	\$ 1,947.20	\$ 1,200.00	Hawai'i Institute of Geophysics and Planetology	American Geophysical Union (AGU)	1) Full Vector and 40Ar/39Ar Study of an Excursion Recorded by the Kaupo flow, Honolulu Volcanic Series, Oahu, Hawaii, USA: A new Excursion or just a Record of the Hiline Pali episode? 2) Integrated high resolution magnetostratigraphy, relative paleointensity (RPI) and petrofabric (AMS) study of IODP Expedition 381 Sites 0078 a and b. Understanding the regulation of CAM photosynthesis through a new genomic model in Yucca
65	Heyduk	Karolina	I3	\$ 1,553.39	\$ 1,554.00	School of Life Sciences	Joint Genome Institute Annual User Meeting	Lessons in Combining Discrete and Continuous Assessment Data: Activity Trackers, Standardized Tests, and Test Anxiety. Using a Simulated World to Engage Students in Social Studies
66	Hoffman	Daniel	I3	\$ 2,033.60	\$ 1,700.00	Learning Design and Technology	2019 Association for Educational Communications and Technology's International Convention	Men's Fashion in the Borderlands: The Jacket that Led to the Aeytum, The Ruff in the Cave, and Suits that Make Noise
67	Hoffmann	Kathryn	I5	\$ 2,152.00	\$ 1,000.00	Languages and Literatures of Europe and the Americas	Millennial Masculinities	What is DEL and what is it good for?
68	Holton	Gary	I5	\$ 2,505.00	\$ 1,200.00	Linguistics	Linguistics Society of America	Work/Leisure, Duty/Pleasure—the 2019 Annual Conference of the Research Society for Victorian Periodicals
69	Howes	Craig	I5	\$ 992.26	\$ 1,000.00	English	Research on Nonprofit Organizations and Voluntary Action	"Bury the Duke": Wellington, Caricature, and the Politics of Personality
70	Hung	Chi-Ko	I3	\$ 1,930.00	\$ 1,200.00	Public Administration Program	American Society of Criminology	"Decomposing the Effect of Commercialization on Nonprofit Donations," and "Four Faces of Corporate Social Responsibility: A Lab Experiment on the Impact of CSR on Consumers' Purchasing
71	Inwin	Katherine	I5	\$ 1,902.00	\$ 1,200.00	Sociology	International Conference on Case Histories & Soil Properties	Criminalizing Students of Color in the U.S.: Re-Examining Racial Threat Theory
72	Jiang	Ningun	I3	\$ 2,350.00	\$ 2,000.00	Civil and Environmental Engineering	The 10th International Conference on Han Characters Education and Research	Sandy soil stabilization by in situ bio-stimulation approach: Indigenous ureolytic bacteria enrichment
73	Jiang	Song	I4	\$ 2,090.00	\$ 1,000.00	EALL	Reconceptualizing Early Childhood Education (RECE)	Making the case for special topics in the study of Chinese characters in U.S. collegiate Chinese
74	Johnson	Richard	I5	\$ 1,375.00	\$ 1,000.00	Curriculum Studies	2019 International Conference on Game Theory at Stony Brook	Notions of Marginality and Identity in the Borderlands of Childhood in an Ongoing Era of Child Trauma
75	Juarez	Ruben	I4	\$ 2,300.00	\$ 1,700.00	Economics	Idaho Music Educators Association State Convention	Incentive-Compatible Simple Mechanisms
76	Kehl	Adam	I3	\$ 1,770.00	\$ 1,770.00	Music	12th Annual Conference on the Science of Dissemination and Implementation in Health	Let's Take a Trip: Reimagining the Score Study Process
77	Kelikoa	Lehua	S3	\$ 3,465.00	\$ 1,200.00	Office of Public Health Studies	New Horizons in Biotechnology (NHBT 2019)	Culturally-relevant program implementation in Hawai'i Federally-Qualified Health Centers: Facilitators and barriers faced by community health workers in chronic disease prevention and management
78	Khanal	Samir	I5	\$ 2,000.00	\$ 1,200.00	Molecular Biosciences and Bioengineering	The 9th annual conference of the Language and Social Interaction (LANSI)	Nanobubble Technology Applications in Environment and Agriculture
79	Kim	Miry	I4	\$ 2,000.00	\$ 1,500.00	East Asian Languages and Literatures	International Communication Association	Talking in the present: A way to resist questions during congressional hearings
80	Kim	Min Sun	I5	\$ 3,700.00	\$ 450.00	Communicology		Multicultural Identity as Enlightened "Identity"

Table 1
2019-2020 Professional Travel Awards Annual Report – Mānoa

Count	Last Name	First Name	Rank	Estimated Funds Requested	Amount Approved	Department	Conference	Title of Presentation
81	Kimura	Aya	I2	\$ 1,787.60	\$ 1,200.00	Sociology	Society of Social Studies of Science	Author meets critics session for the Rachel Carson Book Awardee
82	Kobayashi	Kent	R4	\$ 1,762.00	\$ 1,200.00	Tropical Plant and Soil Sciences	2019 American Society for Horticultural Science Conference	LED and Fluorescent Lighting Effects on Hydroponically Grown
83	Konter	Jasper	I4	\$ 2,110.00	\$ 1,500.00	Earth Sciences	American Geophysical Union Fall Meeting 2019	Hawaiian Chili Pepper and 'Koba' Green Onions. Simulated Martian Soil for Hydroponically Grown 'Koba' Green Onions.
84	Kostetskaya	Anastasia	I4	\$ 1,783.00	\$ 1,700.00	Languages and Literatures of Europe and the Americas	ASEEES	The Link Between Ontong-Java and Louisville Revealed in the West
85	Kramer	Hansel	I4	\$ 295.00	\$ 295.00	School of Communications	Annual Japan Studies Association Conference	"The Soviet Baby: the GDR's cinematic myth of origins"
86	Kumar	Jason	I5	\$ 1,834.60	\$ 1,200.00	Physics and Astronomy	Searching for New Physics - Leaving No Stone Unturned!	The Tokugawa Shogunate's 1675 Exploration of the Western Pacific: A sub-GeV dark matter model
87	Lee	Hye Seung	I2	\$ 1,438.00	\$ 1,000.00	East Asian Languages and Literatures	Japanese/Korean Linguistics Conference	A comparative study of diminutives: Pragmatic expansion of Korean com 'a little' and Japanese chotto 'a little'
88	Lee	Yeonjung	I3	\$ 1,650.00	\$ 1,650.00	Social Work	Society for Social Work and Research (SSWR)	Abstract Title: Integrating Health Equity and Productive Aging Perspectives to Improve Cognitive Health Session Title: Productive Engagement in Later Life: Examining the Health Outcomes of Vulnerable Older Adult Populations Working and Volunteering
89	Li	Yong	I4	\$ 2,905.00	\$ 1,700.00	Human Nutrition, Food and Animal Sciences	International Association for Food Protection (IAFP) Annual Meeting	I will make two presentations as shown below. 1. Comparison of the Antimicrobial Activities of Ohelo Berry (Vaccinium reticulatum) and Cranberry (Vaccinium macrocarpon) 2. Antimicrobial Properties of Ohelo Berry (Vaccinium reticulatum) Fractions: Anthocyanins, Non-Anthocyanin Phenolics, and Organic Acids.
90	Lin	Ingrid	I4	\$ 2,770.00	\$ 1,200.00	Travel Industry Management	Asia Pacific Tourism Association (APTA) 2019 Annual Conference	FUNCTIONAL ROBOTS ADOPTION ON THE HOTEL SERVICE DELIVERY PROCESS AND EMPLOYEE JOB SATISFACTION
91	Lin	Shu Hwa	I5	\$ 1,689.00	\$ 1,200.00	Family and Consumer Sciences	International Textile and Apparel Association (ITAA) Annual Meeting	Two Creative designs: 1 ECG Monitoring via Apparel for Female Firefighter's Safety (II) and 2 Reflective Light Sport Suit ; Four research papers: 1. The Infusion of Design Elements of Hanbok into Modern Fashion Styles; 2 Body Scanning to Develop an Avatar for Fitting Simulation; 3 Fire fighter safety: ECG monitoring via apparel; and 4 Virtual Costume Museum Exhibition incorporating 3-D
92	Lin	I-Bei	I5	\$ 4,000.00	\$ 1,200.00	Music	European Tour Cello Concerto Performances with the UH	This is a once in a lifetime opportunity for many of the individuals involved in the orchestra and it is a special opportunity in that it coincides with Beethoven's 250th birth anniversary year. I was fortunate to be invited to perform a cello concerto in some of the most important musical cities (Bonn, Vienna, Prague) in Europe. By participating in these events, I will fulfill my primary research-cello performance. These performances will be very significant to the establishment of my reputation as a performing artist in Europe as
93	Littman	Robert	I5	\$ 2,187.00	\$ 1,200.00	Languages and Literatures of Europe and the Americas	AMERICAN SCHOOL OF ORIENTAL RESEARCH ANNUAL MEETING	The Egyptian Revolt and Excavations at Tell Timai
94	Loe	Lenora	I4	\$ 2,350.00	\$ 1,200.00	Cancer Biology	12th American Association for Cancer Research Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved	The association between 27-hydroxycholesterol metabolizing enzymes, CYP27A1 and CYP7B1, expression and mortality in a multiethnic U.S. population of breast cancer patients
95	Loong	Chet-Yeng	I5	\$ 2,249.00	\$ 1,200.00	Music	American Orff-Schulwerk Conference	Traveling the World with Little Ones Ages 2-7
96	Lucas	Chris	I3	\$ 2,335.00	\$ 1,500.00	Educational Administration	American Educational Research Association	A Phenomenological Study of the College Student Disciplinary Suspension and Reenrollment Experience
97	Lynham	John	I5	\$ 1,987.43	\$ 1,200.00	Economics	International Conference on Sustainability Science and Management	Economic Impact of Two of the World's Largest Protected Areas on the Longline Fishing Industry
98	Magdalena	Federico	S4	\$ 2,000.00	\$ 1,000.00	Center for Philippine Studies	National Annual Conference of Philippine Sociological Society; also invited to give 2 lectures at Bukidnon State University	Globalization, Sovereignty Movement, and Conflict Resolution (Phil. Sociological Society); plus two lectures on Research Methodology using Statistics, and Indigenous Peoples' Struggle for Self-Determination (Bukidnon State University).
99	Manghani	Murti	R5	\$ 1,551.00	\$ 1,000.00	Hawaii's Institute of Geophysics and Planetology	20th International Symposium on Boron, Bordes and Related Materials	Progress in Ultrahigh Pressure Studies of Elastic, Vibrational, Structural, and Electrical Properties of Boron Carbide up to 72 GPa
100	Mangram	Charmaine	I3	\$ 3,145.00	\$ 2,000.00	Institute for Teacher Education, Secondary Program	The Society for Information Technology and Teacher Education (SITE) Annual Conference 2020	Supporting Preservice Teachers' Professional Judgment around Digital Technology Use: A Case of Mathematics Education

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Count	Last Name	First Name	Rank	Estimated Funds Requested	Amount Approved	Department	Conference	Title of Presentation
101	Matsui	Takashi	I5	\$ 2,000.00	\$ 1,200.00	Anatomy, Biochemistry and Physiology	American Heart Association (AHA) Basic Cardiovascular Science (BCVS) Scientific Sessions 2019	Ferroptosis, Iron-dependent Non-apoptotic Cell Death, in Ischemic Heart Disease
102	McDonnell	Bradley	I3	\$ 3,066.00	\$ 2,000.00	Linguistics	50th Annual Conference of the International Association of Sound and Audiovisual Archives	Assessing Video Standards for Endangered Languages Archives
103	McGuire	Laura	I3	\$ 2,806.00	\$ 1,700.00	Architecture	"Urban Tropicality" 7th International Network of Tropical Architecture Conference	Alfred Preis and Rebuilding Laupahoehoe School After a Tidal Wave: Making Modernism "Hawaiian"
104	Miller	Jhalak	I4	\$ 2,765.00	\$ 1,500.00	Theatre and Dance	The Seoul International Dance Festival	"A Slow Awakening" and "Dance, Improvisation, and New Media at the Culture Tank"
105	Miz	Dan	I3	\$ 2,373.00	\$ 1,700.00	Urban and Regional Planning	Annual Meeting of the Association of Collegiate Schools of Planning	COMPUTER SUPPORTED COLLABORATIVE PLANNING: USING VISUALIZATION TOOLS TO ENHANCE SOCIAL LEARNING AND DEMOCRATIC DELIBERATION
							2019 Poultry Science Association (PSA) annual meeting	3 presentations from my lab (Two poster presentations by graduate students, and an oral presentation by me): 1) Transcriptional regulation of albumen biosynthesis and eggshell biomineralization in the oviduct of laying hens (Oral). 2) Dietary supplementation of dried plum: A novel strategy to mitigate heat stress in poultry (Poster). 3) New transcriptomic insights into processes associated with the formation of egg-white in the magnum of laying hens (Poster). In addition, 3 more poster presentation from collaborator lab (Dr. Rajesh Jha): 4) Comparative effects of in ovo injection of xylofuran, xylofuran, mannitol and mannitol on growth performance and gut health of broilers. 5) Effects of early feeding of resistant starch during post-hatch yolk dependent period on growth performance and gut health parameters of broilers. 6) Cecal microbiota profile of The Labor Market Effects of Eliminating University Tuition in Ecuador.
106	Mishra	Birendra	I3	\$ 3,545.00	\$ 2,000.00	Human Nutrition, Food and Animal Sciences	LACEA-LAMES Meeting	Teacher Empathy at the Hyphen
107	Molina	Teresa	I3	\$ 1,948.25	\$ 1,700.00	Economics	27th International Reconceptualizing Early Childhood Education Conference	
108	Muccio	Leah	I4	\$ 1,706.20	\$ 1,500.00	Institute for Teacher Education	Society for Integrative and Comparative Biology	Climate anomalies are altering local adaptation
109	Muir	Christopher	I3	\$ 1,778.08	\$ 1,779.00	School of Life Sciences	Annual Convention of the Association for Behavioral and Cognitive Therapies (ABCT)	The MAP Toolkit for Enhancing the Connections between Science and Practice: Common Elements and Much More
110	Nakamura	Brad	I4	\$ 2,860.00	\$ 1,700.00	Psychology	The Annual Association for Education in Journalism and Mass Communication Conference	Linking Judgments of Network Characteristics With Political Social Media Use via Perceived News Trustworthiness
111	Neo	Rachel	I3	\$ 2,003.01	\$ 2,000.00	Communications	43rd Annual Pacific Circle Consortium Conference	Writing Session: Global Citizenship, A PCC Project
112	Nguyen	Thanh Truc	I5	\$ 4,262.00	\$ 1,000.00	Curriculum Research and Development Group		
113	Novotny	Rachel	I5	\$ 3,084.00	\$ 1,200.00	Human Nutrition, Food and Animal Sciences	International Society for Behavioral Nutrition and Physical Activity	The influence of the Children's Healthy Living Program's multilevel food related intervention
114	Ogawa	Michael-Brian	S4	\$ 2,581.03	\$ 1,700.00	Information and Computer Sciences	Human Computer Interaction International 2019	activities on child health behaviors and health outcomes in the Pacific
115	Oliveira	Katrina-Ann	I5	\$ 1,160.00	\$ 1,000.00	Kwailuelani Center for Hawaiian Language	American Educational Research Association	Impedances of memorable passphrase design on augmented
116	Osborne	Thomas	I5	\$ 1,575.00	\$ 1,000.00	Music	Rehearsals and premiere of concerto	E Ola Mau Ka Olelo Hawaii: Long Live the Hawaiian Language
117	Osorio	Jamaica	I3	\$ 2,710.00	\$ 1,500.00	Political Science	National Women's Studies Association Conference 2019	"Ascent": Concerto for Geomungo and Korean Traditional Orchestra
118	Pagkalinawan	Leticia	I3	\$ 2,000.00	\$ 1,700.00	Indo-Pacific Languages and Literatures	17th ASIA TEFL and 6th FLTL International Conference	A Queer Indigenous Gathering: Intersectional Indigeneity, Creating Future, and the Politics of Knowledge
119	Pauker	Kristin	I4	\$ 2,035.00	\$ 1,700.00	Psychology	Society of Experimental Social Psychology	Increasing Student Engagement Through Individual, Creative, and Tech-Based Methods of Learning
120	Ray	Tyler	I3	\$ 2,580.00	\$ 2,000.00	Mechanical Engineering	Innovative Materials for Additive Manufacturing	The role of essentialism and discrimination in multiracial individual's flexible self-perception
								FIELD-ASSISTED AERSOL JET PRINTING FOR ELECTRONICS APPLICATIONS

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Count	Last Name	First Name	Rank	Estimated Funds Requested	Amount Approved	Department	Conference	Title of Presentation
121	Reilly	Andrew	IS	\$ 2,078.00	\$ 1,200.00	Family and Consumer Sciences	International Textile and Apparel Association	(1) Assessment of Student Learning Outcomes for TAPAC Accreditation (2) Preparing Your Program for TAPAC Accreditation: Understanding Standards and Self-Study Report Requirements
122	Revilla	Merle	IS	\$ 2,495.00	\$ 2,000.00	Human Nutrition, Food, and Animal Sciences	Society of Nutrition Education and Behavior	Student Perception between a Publisher Textbook vs an Open Educational Resource Textbook for an Introductory Nutrition Course
123	Revilla	Noukahauioli	IS	\$ 2,088.00	\$ 1,200.00	English	National Women's Studies Association (NWSA)	Kono i ka ulu, he ulu ia: Developing a Poetics of Protection
124	Robertson	Ian	IS	\$ 4,145.00	\$ 1,200.00	Civil and Environmental Engineering	Seventh International Conference on Structural Engineering, Mechanics and Computation	Building Cost Implications of Tsunami Design per ASCE 7-16
							Council for Exceptional Children 2020 Special Education Convention and Expo	(1) C3IT in Hawai'i: Building a Tiered Model of Prevention in a New Locale (presentation with Q&A) (2) Secondary Teachers' Sense of Efficacy and Burnout After Two Years of Implementing C3IT (presentation with Q&A) (3) Social Support, Self-Efficacy, and Burnout of Special Educators of Students with EBD (presentation with Q&A) (4) Treatment Integrity of Primary Prevention Efforts in Tiered Models: A Review of the Literature (poster) (5) Examining Social Validity within Comprehensive, Integrated, Three-tiered (C3IT) Models: Illustrations and Relations Garnered Across a University-District Partnership Benevolent Discretion: Prison Administration and Legal Ambiguity in Eastern State Penitentiary, 1829-1849
125	Royer	David	IS	\$ 1,796.50	\$ 1,500.00	Special Education		"(Re)claiming Identity: Traditional Folktales of the Hare - Language Materials for Heritage Learners"
126	Rubin	Ashley	IS	\$ 1,985.00	\$ 1,985.00	Sociology	American Society of Legal History	I Ka Piko: Return to Center (An accepted conference performance by Nā Wai Chamber Choir, Dr. Jace Saplan— director)
127	Sak-Humphry	Chhary	IS	\$ 3,170.00	\$ 1,000.00	Indo-Pacific Languages and Literatures	The Conference on Asian Linguistic Anthropology 2020 (CALA 2020)	A Transnational Academic Motherhood Adventure: Debunking the "French Mother Myth."
128	Saplan	Jace	IS	\$ 1,250.00	\$ 1,250.00	Music	American Choral Directors Association Regional Conference	PACIFIC-ISLANDS' DESALINATION AIMING FOR ZERO-DISCHARGE: CONCEPTS, DESIGNS, AND FEASIBILITY
129	Segeral	Nathalie	IS	\$ 1,862.00	\$ 1,862.00	Languages and Literatures of Europe and the Americas	Pacific Ancient and Modern Language Association	Teaching Caste in the USA / Critical Caste Studies Roundtable
130	Severa	Godwin	R3	\$ 2,530.00	\$ 2,000.00	Hawai'i Natural Energy Institute	International Conference on Smart Cities	1) SSSP: "National Autochthony and the Making of Postcolonial National-Natives"; 2) ASA: "The Postcolonial New World Order and the Containment of Decolonization"
131	Shankar	Subramanian	IS	\$ 2,168.50	\$ 1,200.00	English	South Asian Literature Association Conference / Modern Language Association Conference	Storage conditions and longevity of rift zone magmas at Kilauea Volcano, Hawai'i: melt inclusion insights from the 2018 Lower East A trace amount of surfactants enable diffusio-phoretic swimming of bacteria
132	Sharma	Nandita	IS	\$ 2,971.00	\$ 1,000.00	Sociology	2 conferences: 1) Society for the Study of Social Problems (SSSP) Annual Meeting; 2) American Sociological Association (ASA) Annual Meeting	Hawai'i Housing Lab
133	Shea	Thomas	IS	\$ 2,003.00	\$ 1,500.00	Earth Sciences	American Geophysical Union 2019	Personalized Treatment Selection using Data from Crossover Designs with Carry Over Effects
134	Shin	Sangwoo	IS	\$ 2,195.00	\$ 2,000.00	Mechanical Engineering	American Physical Society Annual Meeting (APS March Meeting 2020)	Participation Integrated Imagework: Materializing the Invisible in 1. Fast Autonomous Underwater Exploration using a Hybrid Focus Model with Semantic Representation 2. Underwater Docking System for a Wave Energy Converter based Mobile Station 3. Resident Subsea Robotic Systems: A Review 4. Resident Subsea Robotic Systems: Challenges and Opportunities in Robotic Autonomy
135	Sierrata	Karla	IS	\$ 2,842.00	\$ 1,700.00	Architecture	ACS 100th Annual Meeting / Open Joint statistical meetings of the American statistical association (JSM 2019, Denver, CO)	Teacher! Teacher! Applied Theatre Prepares Teacher Candidates For The Realities Of The Profession
136	Siriwardhana	Chathura	IS	\$ 2,395.00	\$ 1,700.00	Complementary and Integrative Medicine		Performance of Johann Christian Bach's Sixth Symphony
137	Smith	Amanda	IS	\$ 4,235.00	\$ 1,500.00	Curriculum Studies	Oxford Ethnography and Education Conference	
							MTS/IEEE OCEANS 2019 Seattle	
138	Song	Zhuoyuan	IS	\$ 2,000.00	\$ 2,000.00	Mechanical Engineering		
139	Steele	Jamie	IS	\$ 3,750.00	\$ 1,700.00	Institute for Teacher Education	The Arts in Society	
140	Stepic	Joseph	IS	\$ 710.00	\$ 710.00	Music	Guest Artist Residency at the University of Oregon	

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141	Sugiyama	Anna	I3	\$ 2,205.00	\$ 2,000.00	School of Life Sciences	67th Ecological Society of Japan Annual Meeting	Predicting seedling performance from intraspecific variation for restoration of <i>Acacia koa</i>
142	Sutherland	Tonia	I3	\$ 2,000.00	\$ 1,700.00	Information and Computer Sciences	1st Unlocking Caribbean Memory Symposium	Searching for Solitude: Black Women and Resistance in the French Colonial Archives
143	Suvorov	Ruslan	S4	\$ 1,918.00	\$ 1,500.00	Center for Language and Technology	American Council on the Teaching of Foreign Languages (ACTFL)	Resources for the ACTFL Mentoring Program for Online Language Teachers
144	Tan	Paulo	I3	\$ 2,000.00	\$ 2,000.00	Institute for Teacher Education	American Educational Research Association	A/DSE Deconstruction of "Evidence-Based Practices" in Mathematics Research
145	Taniguchi	Emiko	I3	\$ 2,000.00	\$ 2,000.00	Communicology	International Communication Association (ICA) Conference	When Is Mental Illness Disclosure Related to Enhanced Self-Esteem?: Examination of Self-Image Goals as a Moderator
146	Thoulag	Jean	B3	\$ 1,413.00	\$ 1,000.00	Access Services	Access Services Conference	Outreach and Marketing and Access Services: Findings from the 2018 Environmental Scan for the Access Services Framework
147	Tschudi	Stephen	S3	\$ 2,095.60	\$ 1,000.00	Center for Language and Technology	American Council on the Teaching of Foreign Languages (ACTFL)	Examples for Designing High-Quality Project-Based Language Learning (lead presenter) Designing Microlearning Experiences for 21st Century Learners (co-presenter)
148	Turnbull	Rory	I3	\$ 2,371.00	\$ 1,700.00	Linguistics	19th International Congress of Phonetic Sciences	Across-language priming in bilinguals: Does English "bet" prime French "bête"?
149	Wee	Shenlyn	S3	\$ 2,530.00	\$ 1,700.00	Public Policy	2019 Association for Public Policy Analysis & Management (APPAM) Fall Research Conference	What determines the adoption of electric vehicle policies in U.S. states?
150	Wells	Jenny	I5	\$ 2,388.00	\$ 1,200.00	Special Education	The 39th Annual ACRES National Conference	Using one-way online recorded video interviews in the admissions process: Applicant and Faculty perspectives
151	Wen	Ivan	I4	\$ 3,520.00	\$ 1,000.00	Travel Industry Management	2019 Asia Pacific Tourism Association Conference	CUSTOMER-VALUE CREATION IN SELF-SERVICE TECHNOLOGIES (SSTs) IN THE HOSPITALITY INDUSTRY
152	Womack	Donald	I5	\$ 2,614.00	\$ 1,000.00	Music	Premiere of 白雨 (White Rain) for Japanese instrument ensemble	白雨 (White Rain) for Japanese instrument ensemble
153	Wright	Amber	I3	\$ 2,158.03	\$ 1,700.00	Biology	Ecological Society of America	Traits predict resource use and competitive effects in a novel lizard assemblage
							The Gerontological Society of America (GSA) 2019 Annual Scientific Meeting	Symposium title: Disparities of Dental Care and Consequence of Poor Oral Health for Older Adults in the U.S. (Chair) Abstract #1: Disparities of Dental Care Utilization Among White, Black, Hispanic, Native Hawaiian, and Asian from 2002 to 2016 (Presenter) Abstract #2: The Quality of Dental Care in Nursing Homes: Variation by Facility and Market Characteristics Abstract #3: The Moderating Role of Birth Place on Dental Cleaning Service Among Chinese Older Adults in Hawaii Abstract #4: The Impact of Diabetes and Poor Oral Health on A 14-Year Multi-Case Study of the Academic, Career, and Personal Development of Five Native Hawaiians
154	Wu	Yan Yan	I4	\$ 2,565.00	\$ 1,700.00	Office of Public Health Studies		Can wastewater surveillance achieve rapid and comprehensive detection of foodborne disease outbreaks?
155	Yamauchi	Lois	I5	\$ 2,000.00	\$ 1,200.00	Educational Psychology	American Educational Research Association	Climate Change Reporting: The Case of U.S. Dow Jones 30
156	Yan	Tao	I5	\$ 2,780.00	\$ 1,200.00	Civil and Environmental Engineering	2020 ASM Biothreats Meeting	Neighborhood Social Cohesion, Resilience, and Well-Being among Chinese Older Adults in Honolulu, Hawaii
157	Yang	David	I5	\$ 1,622.20	\$ 1,000.00	Accountancy	2019 American Accounting Association Annual Meeting	Aging Policies in Asia-Pacific Region
158	Zhang	Wei	I5	\$ 2,406.00	\$ 1,200.00	Sociology	The Gerontological Society of America's 71st Annual Scientific Meeting	Are Accounting Professors Effective Monitors? An Empirical Investigation of Accounting Professors on Audit Committees
159	Zhou	Kate	I5	\$ 1,994.00	\$ 800.00	Political Science	Aging Policies and Solutions	Mscommunication in Maritime English: Insights from a Task-Based Needs Analysis
160	Zhou	Jian	I5	\$ 1,867.68	\$ 1,200.00	Accountancy	American Accounting Association Auditing Section Midyear Meeting	
161	Ziegler	Nicole	I4	\$ 2,705.00	\$ 1,700.00	Second Language Studies	International Conference on Task-Based Language Teaching	
Total:				\$ 366,660.15	\$ 223,798.88			

Table 2
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<u>Count</u>	<u>Faculty</u>	<u>Rank</u>	<u>Estimated Funds Requested</u>	<u>Amount Awarded</u>	<u>Department</u>	<u>Purpose</u>	<u>Title of Presentation/Paper</u>
1	Abes, Katrina	S2	2,389	2,000	Student Affairs	NODA Annual Conference	Integrating Cultural Wealth into Orientation □ Ways of Building a Beloved Community
2	Ahn, Eun	I5	2,166	2,000	Business Administration	49Th Annual Iea Meeting	Price Rent Dynamics for Small Multifamily Housing Using Local Projection
3	Akamine, Glennis	S3	2,359	2,000	Student Affairs	15th Annual On Course National Conference	Strategies to Unpack Cultural Diversity
4	Chernisky, Carina	S2	1,895	1,895	Library	Open Education Conference	One Workshop, Multiple Rewards: An OER Collaboration to Further Engage Faculty
5	Cook, Kealani	I3	2,721	2,000	Humanities	Native American And Indigenous Studies Association 2020	Making Oceania: Indigenous Researchers and the Bishop Museum
6	Furuto, Michael	I4	2,360	2,000	Mathematic, Natural and Health Science	National Council Of Teachers Of Mathematics (Nctm) Annual Meeting & Exposition	Success in Calculus: Strategies to Increase Student Participation, Mathematics Self- Efficacy, and Academic Achievement
7	Garcia-Santiago, Orlando	I4	1,600	1,600	Social Science	14Th Annual International Conference On Sociology, Athens, Greece	Detecting Best Practices for Re-entry Programs: Development and Implementation: An Exploratory Study
8	Gilles, Allyson	I3	4,482	2,000	Social Science	Annual Society Of Behavioral Sleep Medicine Scientific Meeting	Impact of Age-related Social and Environmental Determinants in Insomnia-Cardiometabolic Health Relationships in Individuals Who Exercise
9	Gilles, Allyson	I3	4,919	1,800	Social Science	Sleep 2020	Cardiometabolic Disease Risk And Sleep Difficulty: Associations With Diet, Physician Support, Proactive Health Behaviors, And Family Risk Knowledge
10	Graham-Tutt, Camonia	I3	710	710	Mathematic, Natural and Health Science	Iafor International Conference On Sustainability, Energy & The Environment (Icsee)	Conservation Practices and Their Impact on Hawaiian Well-being Among Youth
11	Hayes, Michael	I5	2,740	2,000	Education	Engagement Scholarship Consortium	research for a better world: Poetic design and engagement research
12	Heller, Mary	I5	2,772	2,000	Education	American Educational Research Association	From The Editor's Desk: Writing for Scholarly Publication
13	Herman, Louis	I5	3,000	2,000	Social Science	Wild 11	REWILDING COSMOLOGY
14	Hopper, Mark	I3	2,389	2,000	Social Science	32 ND American Psychological Society (Aps) Annual Convention	Using the VIA survey and Hawaiian/Pacific Islander indigenous talk story to understand character strengths
15	Ikeda, Cathy	I3	2,204	2,000	Education	Engaged Scholarship Consortium Conference	"The Rain Follows the Forest": Collaboration Rooted in the (K)New

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16	Itoga, Holly	I3	3,395	2,000	Business Administration	Travel Tourism Research Association 51st Internation Conference	The effects of agritourism on visitor satisfaction in Hawaii
17	James, Laurie	I3	2,000	2,000	Education	Canada International Conference On Education	Teacher Preparation Program and Professional Development that Focus on Mathematics
18	James, Laurie	I3	2,000	1,800	Education	2020 Washington College Mathematics Conference	*Math Teachers' Circle: Empower, Engage, and Encourage Learning Through Games*
19	Jones, Richard	I4	1,947	1,947	Education	NSTA Regional Conference	NSTA Regional Salt Lake City Presentations
20	Joseph, Michiko	I2	2,099	2,000	Library	Open Education Conference	One Workshop, Multiple Rewards: An OER Collaboration to Further Engage Faculty
21	Kamai, Stephanie	S4	2,204	2,000	Education	Engaged Scholarship Consortium Conference	The rain follows the forest: Collaboration rooted in the (k)new.
22	Levy, Jason	I5	3,633	2,000	Public Administration	New Delhi	Advances in Social Vulnerability and Community Disaster Resilience in New Delhi and Visakhapatnam, India
23	Levy, Jason	I5	2,012	2,000	Public Administration	The 3rd International Multi-Topic Conference on Engineering and Science (IMCES'2020)	Very High-resolution Pictometry Imagery for Assessing Environmental Hazards: Advances in Information and Computer Technologies (ICT) for Disaster Management
24	Lilomaiaava-Doktor, Sailieman	I5	2,163	2,000	Humanities	Native American And Indigenous Studies Association (NAISA) 2020	Cultural Significance of Storytelling and Indigenous Samoan Understanding of Place or Fanua
25	Liu, Veny	I3	2,195	2,000	Mathematic, Natural and Health Science	2019 Pacific-Basin Steam Teaching Conference	Locking Legos Machine to Lifesize Manipulatives: Engaging Hands-on Activities for Elementary Students, A Mathematical Journey of Dots, Learning the Secret to Win at Nim: Game Theory
26	Machosky, Brenda	I5	2,059	2,000	Humanities	Modern Language Assoc Annual Convention	Being Human in the (post)colonial: Australia and Aotearoa/New Zealand
27	Machosky, Brenda	I5	2,484	1,800	Humanities	Amer Assoc of Australasian Lit Studies	Real Fiction: A Novel Twist
28	Machosky, Brenda	I5	125	125	Humanities	Association of University Presses: AUPresses 2020: Virtual Annual Meeting	Australian Literature and Scholarship in the United States
29	Magnussen, Jon	I4	2,156	2,000	Humanities	Coda (College Orchestra Directors Association) 2020 National Conference	Place-Based Programming for Stronger Community Ties
30	Mahiko, Joy	I3	1,913	1,913	Education	American Council on Rural Special Education	Voices from the Community to Support Rural Youth With Disabilities Who are Work-Bound

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31	Mahiko, Joy	I3	569	569	Education	International Conference on Teacher Education	Moving Online: Creating Effective Tasks for Analysis of Teaching Evidence
32	Mahiko, Joy	I3	2,240	1,800	Education	Association for Assessment of Learning in Higher Education	Program Completer Impact on Student Learning: A Critical Analysis of UHWO Teacher candidates' Journey From Preservice to Inservice Teaching and Learning
33	Mareko, Joseph	I2	2,468	2,000	Student Affairs	2019 Naspa Western Regional Conference	Integrating Cultural Wealth into Orientation □ Ways of Building a Beloved Community
34	Mello, Christina	I3	2,891	2,000	Social Science	Society For Applied Anthropology	Achieving Native Hawaiian Culture- and Place-Based Tourism Sovereignty to Expand Biodiverse Agricultural Production and Address Climate Change
35	Miles, Albie	I3	3,434	2,000	Social Science	Ucsc Casfs Agroecology And Sustainable Food Systems Education	Creating institutional spaces for critical agroecology education: epistemological foundations and engaged communities of practice toward agri-food system transformation.
36	Mironesco, Monique	I5	6,036	2,000	Social Science	Tahiti Travel For Research Interviews With Women Leaders Of Afns	Women's Leadership in Alternative Food Networks in the Pacific
37	Mota, Xochitl	I3	1,900	1,900	Social Science	Sex Ed And The Church	The Science of Repression: Sex (Ed), Dating and God
38	Niles, Gloria	I3	2,092	2,000	Distance Education	CEC 2020 Convention & Expo	Intersecting Instructional Design, Special Education, and Online Pedagogy: Supporting Online Learners with Autism
39	Nolte-Odhiambo, Carmen	I3	2,270	2,000	Humanities	Modern Language Association	Out of Time: Aetotemporalities and Hawaiian Young-Adult Literature
40	Odhiambo, Nandi	I4	784	784	Humanities	Verb Festival	Smells Like Stars
41	Orr, Stanley	I5	1,820	1,820	Humanities	Modern Language Association Annual Convention	Public Humanities: Regional MLAs and Their Communities
42	Orr, Stanley	I5	2,665	2,000	Humanities	2020 Popular Culture Association Conference	'The Good Killing': John Kneubuhl, Adventures in Paradise, and Metrocolonial Television" and 'I wonder which of you is real': The Indigenous Confidence Man in John Kneubuhl's 'The Night of the Two-Legged Buffalo'
43	Prizzia, Ross	I5	1,900	1,893	Public Administration	2019 Transatlantic Dialogue (Tad 15) Restoring The Administrative State: Trust, Engagement, Security, And Identity □	Innovation in Autonomous Subterranean Vehicle Research for National Security and Disaster Management
44	Riley, Lorinda	I2	2,015	2,000	Public Administration	Western Society Of Criminology	igenizing Restorative Justice
45	Romero, Yasmine	I3	2,989	2,000	Mathematic, Natural and Health Science	Teacher of English to Speakers of Other Languages (TESOL) 2020	Panel on Diversity and Inclusion

Table 2
2019-2020 Professional Travel Awards Annual Report – West O'ahu

<u>Count</u>	<u>Faculty</u>	<u>Rank</u>	<u>Estimated Funds Requested</u>	<u>Amount Awarded</u>	<u>Department</u>	<u>Purpose</u>	<u>Title of Presentation/Paper</u>
46	Romine, Rebecca	I3	1,921	1,921	Mathematic, Natural and Health Science	WSCUC Arc 2020	Disaggregating Student Outcomes: Facilitating Student Success in STEM
47	Rosenlee, Li-Hsiang	I5	2,340	2,000	Humanities	American Philosophical Association	A comparative feminist reflection on care
48	Sakuda, Keith	I4	3,897	2,000	Business Administration	International Conference on Social Sciences & Management	An Exploration Of Irrational Competition: Comparing The U.S. & Japanese Business Environments
49	Scheiding, Thomas	I3	3,683	2,000	Social Science	Engaged Scholarship Consortium Conference & Missouri Valley Economics Association Conference	Renewing tan Appreciation of Hawaiian Culture through Farming and Learning & Homer Jones and the Institutionalization of Monetarism
50	Scheiding, Thomas	I3	2,373	1,800	Social Science	Research at Duke University	Mathematica and the Role of Economists in Public Policy -- A Historical Exploration
51	Schwartz, Jonathan	I4	335	335	Education	Association for the Advancement of Computing in Education	Moving Online: Creating Effective Tasks for Analysis of Teaching Evidence
52	Scwartz, Jonathan	I4	2,040	2,000	Education	Association for the Assessment of Learning in Higher Education	Program Completer Impact on Student Learning: A critical analysis of UHWO teacher candidates journey from preservice to inservice teaching and learning.
53	Tasaka, Robyn	I3	1,417	1,417	Student Affairs	Pacific Northwest Writing Centers Association	Inadequate Space: Physical Sites for Online Tutoring
54	Velasco, Rouel	S2	2,389	2,000	Student Affairs	National Orientation Directors» Association National Conference	Integrating Cultural Wealth into Orientation □ Ways of Building a Beloved Community
55	Widiasih, Esther	I4	1,947	1,947	Mathematic, Natural and Health Science	Siam-MPE 2020	Asymmetric Energy Balance Model of the Glacial Cycles
56	Wilson, Stefanie	I5	2,495	2,000	Business Administration	2020 Clute Institute International Academic Conferences Orlando	Leading with Aloha and Multiple Intelligences: Stellar Classroom Practices Impacting Student Learning
57	Yu, Peiyong	I2	2,681	2,000	Social Science	Western Economic Association International	Effects of the Honolulu Rail Transit on Property Values on Oahu, HI
			134,682	103,776			

Table 3
2019-2020 Distribution of Facilitating Services Fund

UNIT	Basis	Allocation
College of Arts & Humanities	38,456	
College of Education	1,605,100	
College of Engineering	838,167	
College of Languages, Linguistics and Literature	451,898	
College of Natural Sciences	3,987,636	
College of Social Sciences	1,596,301	
College of Tropical Agriculture and Human Resources	1,569,132	
Hawai'i inuiakea School of Hawaiian Knowledge	22,157	
Institute for Astronomy	4,033,348	
John A. Burns School of Medicine	9,267,136	
Lyon Arboretum	79,811	
Outreach College		
School of Architecture	9,888	
School of Nursing and Dental Hygiene	112,894	
School of Ocean and Earth Science and Technology	12,456,149	
School of Pacific Asian Studies	65,957	
School of Social Work	706,881	
Shidler College of Business	24,465	
UH Cancer Center	5,694,850	
Waikiki Aquarium	928	
Water Resources Research Center	133,774	
William S. Richardson School of Law	101,668	
Vice Chancellor, Academic Affairs	47,520	
Vice Chancellor, Research	472,804	
Vice Chancellor, Students	367,871	
Manoa	43,684,791	31,778,460
UH Hilo	1,803,518	
SBDC	123,678	
UH Hilo	1,927,196	1,251,053
West O'ahu	227,614	
West O'ahu	227,614	192,653
VP for Community Colleges	117,103	
Hawai'i CC	73,344	
Honolulu CC	169,508	
Kapi'olani CC	191,516	
Kaua'i CC	120,003	
Leeward CC	155,393	
Maui College	1,103,627	
Windward CC	240,592	
Campus CC	2,171,087	1,450,380
Office of the President	316	
VP for Academic Planning and Policy	245,316	
VP for Administration	7,577	
VP for Rsch and Innovation	557,869	
Pacific Disaster Center	2,108,659	
Office of the VP for Information Tech/Chief Info Officer	1,088,528	
Applied Research Laboratory	40,419	
Systemwide	4,048,684	2,606,942
Grand Total	52,059,372	37,279,488

Table 4
2019-2020 Project Development Fund Awards – Vice Chancellor for Research

Item No.	Unit	Account Title	P.I.	Commitment
1	College of Education	CI3T Focus Groups	Royer, D.	1,000.00
2	College of Education	Faculty Start-Up	Centeio, E.	30,000.00
3	College of Engineering	Faculty Start-Up	Song, Z.	35,000.00
4	College of Engineering	Faculty Start-Up	Ray, T.	70,750.00
5	College of Engineering	Faculty Start-Up	Uspal, W.	15,000.00
6	College of Engineering	Faculty Start-Up	Moon, D.	36,000.00
7	College of Engineering	Faculty Start-Up	Xiao, Y.	37,000.00
8	College of Engineering	Faculty Start-Up	Cho, C.	35,000.00
9	College of Engineering	UTC University	Prevedorous, P.	50,000.00
10	College of Engineering	MRI Support	Brown, J.	116,688.00
11	College of Language Linguistics and Literature	Flagship Tech Innovation	Rodriguez, J.	40,000.00
12	College of Language Linguistics and Literature	Flagship Tech Innovation	Rodriguez, J.	40,000.00
13	College of Language Linguistics and Literature	Chinese Language Flagship	Spring, M.	25,000.00
14	College of Natural Sciences	East China MOU	Kaiser, R.	70,000.00
15	College of Natural Sciences	Faculty Start-Up	Haas, R.	24,000.00
16	College of Natural Sciences	Faculty Start-Up	Haglund, E.	83,333.33
17	College of Natural Sciences	Bridging	Hoang, T.	50,000.00
18	College of Natural Sciences	Research Support	Bindi, V.	24,000.00
19	College of Natural Sciences	Research Support	Amend, A.	24,000.00
20	College of Natural Sciences	Travel for WLHE Conference	Helminck, A.	5,154.34
21	College of Social Sciences	Renovations	Barile, J.	146,580.00
22	College of Tropical Agriculture and Human Resources	Faculty Start-Up	Shikano, I.	16,667.00
23	Facilities	Utilities	Araki, B.	1,000,000.00
24	Graduate Division	GSO Support (Travel)	Westfall-Senda, M.	50,000.00
25	Information Technology Services	ITS Data Sci Institute	Jacobs, G.	250,000.00

Table 4
2019-2020 Project Development Fund Awards – Vice Chancellor for Research

Item No.	Unit	Account Title	P.I.	Commitment
26	Institute for Astronomy	Research Support	Chun, M.	75,000.00
27	Institute for Astronomy	Faculty Start-Up	Shappee, B.	55,000.00
28	Institute for Astronomy	Faculty Start-Up	Shappee, B.	65,000.00
29	Institute for Astronomy	Faculty Start-Up	Sun, X.	80,000.00
30	Institute for Astronomy	Faculty Start-Up	Huber, D.	50,000.00
31	Institute for Astronomy	Faculty Start-Up	Bottom, M.	40,000.00
32	John A. Burns School of Medicine	HJMPH Journal	Hedges, J.	20,000.00
33	John A. Burns School of Medicine	COBRE III Support	Ward, S.	42,116.00
34	John A. Burns School of Medicine	MHRT Program	Nerurkar, V.	51,604.80
35	Lyon Arboretum	Faculty Start-Up	Zahawi, Z.	75,000.00
36	School of Ocean & Earth Science Technology	Gov Green Power	Roberts, M.	30,000.00
37	School of Ocean & Earth Science Technology	Lab Support	Ishii, H.	80,000.00
38	School of Ocean & Earth Science Technology	Faculty Start-Up	DeLong, E.	100,000.00
39	School of Ocean & Earth Science Technology	Lab Support	Ishii, H.	61,500.00
40	School of Ocean & Earth Science Technology	Faculty Start-Up	Shea, T.	50,000.00
41	School of Ocean & Earth Science Technology	Faculty Start-Up	Frank, K.	33,333.00
42	School of Ocean & Earth Science Technology	Faculty Start-Up	Stuecker, M.	50,000.00
43	School of Ocean & Earth Science Technology	Faculty Start-Up	Janiszewski, H.	13,000.00
44	School of Ocean & Earth Science Technology	Hope Ishii Lab Support	Ishii, H.	70,000.00
45	School of Ocean & Earth Science Technology	Faculty Start-Up	Bushinsky, S.	13,000.00
46	School of Ocean & Earth Science Technology	Faculty Start-Up	Li, S.	100,000.00
47	School of Ocean & Earth Science Technology	KOK Scrapping	Taylor, B.	150,000.00
48	UH Cancer Center	Faculty Start-Up	Shepherd, J.	150,000.00
49	UH Public Health	Research Support	Mitchell, J.	9,856.92
50	Vice Chancellor for Academic Affairs	Manoa Horizon	Gonzalez, V.	2,000.00

Table 4
2019-2020 Project Development Fund Awards – Vice Chancellor for Research

Item No.	Unit	Account Title	P.I.	Commitment
51	Vice Chancellor for Research	ASA Support	Kameoka, V.	2,000.00
52	Vice Chancellor for Research	Faculty Travel Support	Kameoka, V.	350,000.00
53	Vice Chancellor for Research	Makai Pier	Kameoka, V.	40,000.00
54	Vice Chancellor for Research	Makai Pier Support	Kameoka, V.	75,000.00
55	Vice Chancellor for Research	Bond	Kameoka, V.	1,801,425.01
56	Vice Chancellor for Students	SACNAS Sponsorship	Kameoka, V.	50,000.00
57	Water Resources Research Center	Research Support	Giambelluca, T.	53,875.00
	TOTAL COMMITTED			6,113,883.40

Table 5
2019-2020 Student Excellence in Research Awards

Item No.	Name	Department	Amount Awarded
1.	Aiu, Marley	College of Arts, Languages and Letters	500.00
2.	Anger, Joy	College of Social Sciences	500.00
3.	Zhang, Zhoujian	Institute for Astronomy	500.00
		TOTAL	1,500.00

Table 6
2019-2020 VP for Research and Innovation Investments

Item	Campus	Unit	Purpose	Commitment
1	HI	Chancellor	Hawai'i on the Hill	2,716.13
2	HI	Chancellor	OMKM Support	268,132.89
3	HI	Chancellor	Imiloa Support	25,000.00
4	HI	Daniel K. Inouye College of Pharmacy	COBRE	125,000.00
5	MA	College of Engineering	Research Support for Ceramic & Polymer Nanocomposit	200,000.00
6	MA	College of Natural Sciences	UPS System	12,500.00
7	MA	College of Natural Sciences	HECO Innovation Impact Challenge	10,000.00
8	MA	College of Natural Sciences	Chemistry Start Up	120,000.00
9	MA	College of Social Sciences	COVID-19 Crowdsourc	30,000.00
10	MA	College of Tropical Agriculture and Human Resources	Hawai'i on the Hill	2,994.66
11	MA	John A. Burns School of Medicine	COBRE Phase I	50,000.00
12	MA	John A. Burns School of Medicine	Lab Support	20,000.00
13	MA	School of Ocean and Earth Science and Technology	AMOS Support	953.30
14	MA	School of Ocean and Earth Science and Technology	Bridge Funding	152,146.00
15	MA	Shidler College of Business	Accelerator/Venture Lab and Lift Off Programs	235,759.00
16	SW	Academy for Creative Media	ACM Support	450,000.00
17	SW	Office of General Counsel	Research Support	228,009.72
18	SW	STEM	STEM Support	22,150.00
19	SW	Vice President for Research and Innovation	Sinclair Bond Payment	368,171.81
20	SW	Vice President for Research and Innovation	UH Ventures Support	392,500.00
21	WO	Chancellor	Faculty Travel	100,000.00
22	WO	Chancellor	Research Support	75,000.00
				<u>2,891,033.51</u>

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

<u>Description</u>	<u>Fiscal Year</u> <u>2016</u>	<u>Fiscal Year</u> <u>2017</u>	<u>Fiscal Year</u> <u>2018</u>	<u>Fiscal Year</u> <u>2019</u>	<u>Fiscal Year</u> <u>2020</u>
Research	199,840,628	209,249,788	215,982,321	222,860,456	229,664,292
Non-Research	191,493,900	177,751,917	170,329,382	198,991,704	220,774,957
	391,334,528	387,001,705	386,311,703	421,852,160	450,439,249