



Office of Research & Sponsored Programs

FY 2024 ANNUAL REPORT



Extramural Grant Awards, FY 2014 - 2024
Scholarly Publications, CY 2024
IRB Listing, CY 2024
UN 17 Sustainable Development Goals, CY 2014 - 2024



**UNIVERSITY OF GUAM
OFFICE OF RESEARCH AND SPONSORED PROGRAMS**

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Office of Research & Sponsored Programs

FY 2024 ANNUAL REPORT

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Message from the President **ANITA BORJA ENRIQUEZ, D.B.A.**

Håfa Adai!

It is my pleasure to share the University of Guam Office of Research & Sponsored Programs (ORSP) FY 2024 Annual Report. This report reflects the strength and momentum of our research enterprise, driven by dedicated principal and co-principal investigators, scholars, scientists, and technical experts whose work advances discovery while directly benefiting Guam, Micronesia, and our broader partners.

FY 2024 was a year of strong productivity and growth. Our research community submitted 163 proposals and secured 116 awards, representing a 71% proposal-to-award conversion rate. Under ORSP alone, FY 2024 awards totaled \$19.29 million.

In parallel, UOG researchers produced 144 research and scholarly publications, demonstrating sustained scholarly output alongside sponsored activity. These outcomes represent far more than numbers, they reflect real-world impact. ORSP's work supports faculty and units in securing external funding aligned with the University's mission and goals, advancing discovery, and coordinating research and service with public and private partners locally, nationally, and internationally.

Together, these leveraged efforts strengthen UOG's capacity to serve the community through evidence-based solutions, workforce development, student training opportunities, and applied research that addresses island priorities.

This trajectory also advances UOG's institutional presence and recognition. In 2025, UOG was designated a Research College and University (RCU) by the Carnegie Classification of Institutions of Higher Education, an important milestone that affirms our commitment to research excellence and regional relevance.

Building on this progress, the UOG Board of Regents approved BOR Resolution No. 25-18, updating the title "Vice Provost for Research and Sponsored Programs" and the "Office of Research and Sponsored Programs" to Vice Provost for Research and Innovation and the Center for Research and Innovation, a change that reflects the expanding scope and strategic importance of UOG's research enterprise.

I extend my sincere appreciation to our research leadership and team, and to every investigator, scholar, staff member, and partner whose dedication continues to elevate UOG's impact. Your leveraged efforts help transform ideas into funded solutions, expand opportunity for students, and deliver measurable benefits to Guam and our region.

Si Yu'os Må'ase,

Anita Borja Enriquez, D.B.A.
President



Message From The Senior Vice President and Provost **SHARLEEN SANTOS-BAMBA, Ph.D.**

Welcome to the University of Guam Office of Research and Sponsored Programs Fiscal Year 2024 Annual Report. This report provides a detailed account of our institution's various research efforts and reaffirms our dedication to academic excellence and innovation.

This year, our researchers have continued to expand the boundaries of inquiry and investigation across a range of disciplines. From healthcare and the humanities to environmental science and education, and everything in between, we are proud of the multitude of projects and scholarly publications that have been produced. This work not only contributes to the corpus of scholarly knowledge, but also to the development of hands-on research opportunities for our students, who are the future pioneers and leaders of the island and the broader Pacific region.

Our efforts would not be possible without the collaborations with our local and regional partners, including Government of Guam agencies such as the Office of the Governor, Department of Public Health and Social Services, Department of Agriculture, as well as the critical support from federal, non-profit, and private organizations. This year's \$45.6 million grant funding spread across more than 100 projects has been vital in boosting our research capabilities to support advancement, student engagement, and community impact, especially in an increasingly competitive funding landscape.

In addition to all the faculty, staff, and students who have contributed to the success made evident within the pages of this report, a warm congratulations goes out to the team at the Office of Research and Sponsored Programs, which has recently transitioned into the Center for Research and Innovation. The guidance and coordination they provide—from proposal preparation to post-award management—ensures that our researchers are well supported as they focus on their projects and programs.

As we reflect on the progress made in the year, we also look ahead and remain committed to making the University of Guam a hub for trusted research that is grounded in collaboration and sustainable growth. Together, we can continue to positively impact the communities we serve.

Senseramente,

A handwritten signature in black ink, appearing to read 'S. Santos-Bamba'.

Sharleen Santos-Bamba, Ph.D.
Senior Vice President and Provost



Message from the Vice Provost, Research and Sponsored Programs

PAMELA A. PERALTA TAITANO, Ed.D.

Hafa Adai!

On behalf of the University of Guam administration, I am pleased to present the FY 2024 Annual Extramural Report.

Our University continues to demonstrate remarkable success in grant acquisition, scholarly publications, Institutional Review Board-approved studies involving human subjects, and meaningful engagement aligned with the United Nations' 17 Sustainable Development Goals. These achievements reflect our unwavering commitment to impactful research that serves our island and the broader global community.

Although the pandemic is now behind us, the University of Guam remains steadfast in responding to evolving societal and global needs, guided by our mission of Ina, Deskubre, Setbe—to enlighten, discover, and serve. From advancing health education and strengthening economic resilience to pioneering marine and ecological protection, and from translational discoveries to community outreach and cultural preservation, our work is rooted in purpose and carried forward from our humble campus.

Our Tulos Mo'na—propelling forward in unison—strategic initiatives, grounded in island wisdom, continue to transform ideas into action. Notably, FY 2024 marks the third-largest funding year in the past decade for our University. This sustained momentum reflects consistent growth and the collective dedication of our faculty, staff, students, and partners.

Our strong esprit de corps underscores a culture of collaboration and teamwork among faculty, staff, and our federal, local, and foundation partners. More importantly, our students benefit from invaluable research opportunities, working alongside distinguished mentors and scholars.

The Office of Research & Sponsored Programs remains committed to serving our University community and stakeholders. We invite you to review this report and connect with us. We look forward to your continued engagement with University of Guam.

Si yu'os ma'ase,

Pamela A. Peralta Taitano, Ed.D.

Vice Provost, Research and Sponsored Programs

CHART 1
ANNUAL GRANT FUNDING
2014 - 2024

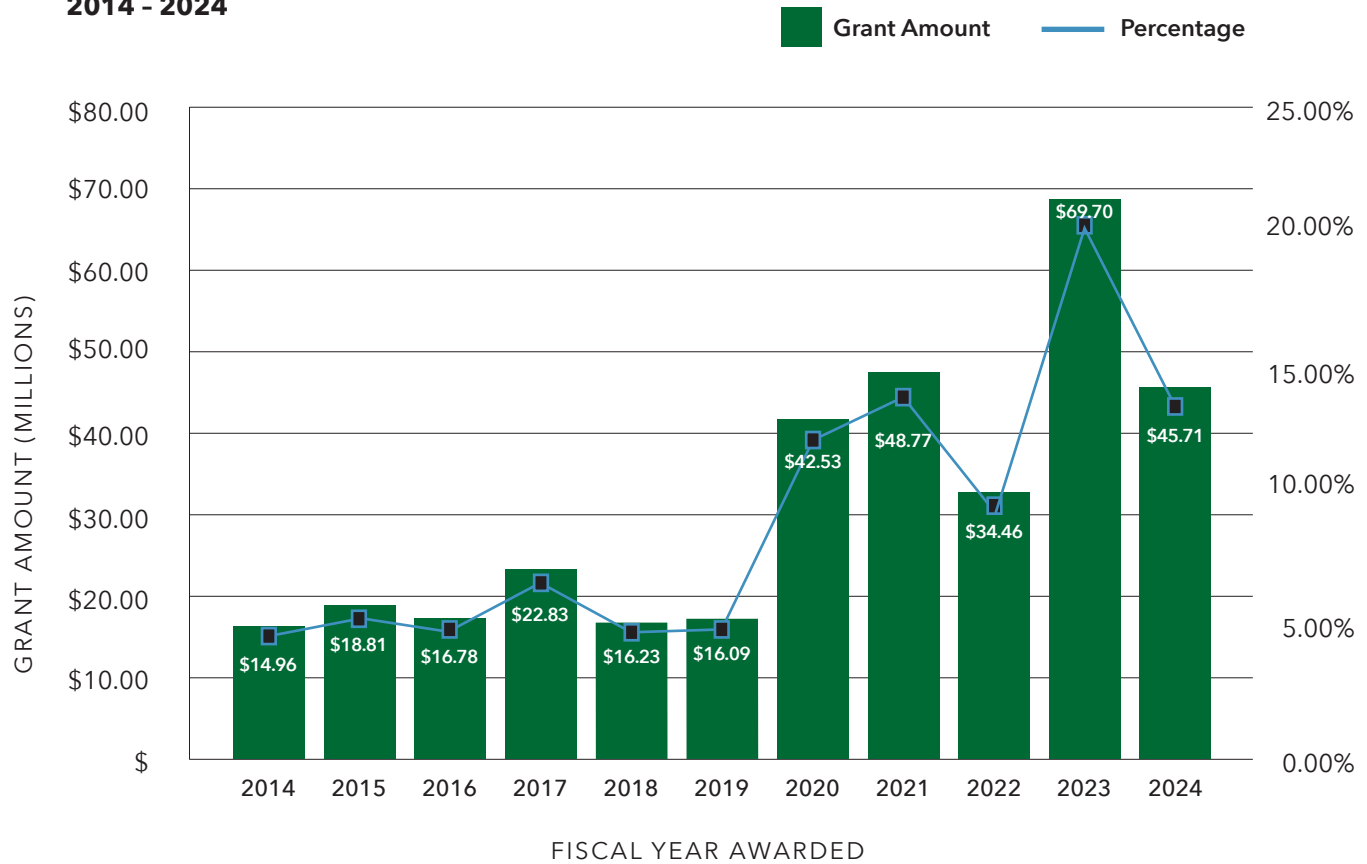


FIGURE 1
ANNUAL GRANT FUNDING
2014 - 2024

Fiscal Year	Grant Amount	Percentage
2014	\$ 14,957,094.70	4.32%
2015	\$ 18,811,616.03	5.42%
2016	\$ 16,781,813.93	4.84%
2017	\$ 22,830,202.47	6.58%
2018	\$ 16,228,784.73	4.68%
2019	\$ 16,090,821.78	4.64%
2020	\$ 42,526,352.66	12.26%
2021	\$ 48,772,476.07	14.06%
2022	\$ 34,461,799.90	9.93%
2023	\$ 69,700,663.19	20.09%
2024	\$ 45,711,378.82	13.18%
Grand Total	\$ 346,873,004.28	100.00%

CHART 2
FEDERAL VS. NON-FEDERAL AWARDS BY YEAR
2014 - 2024

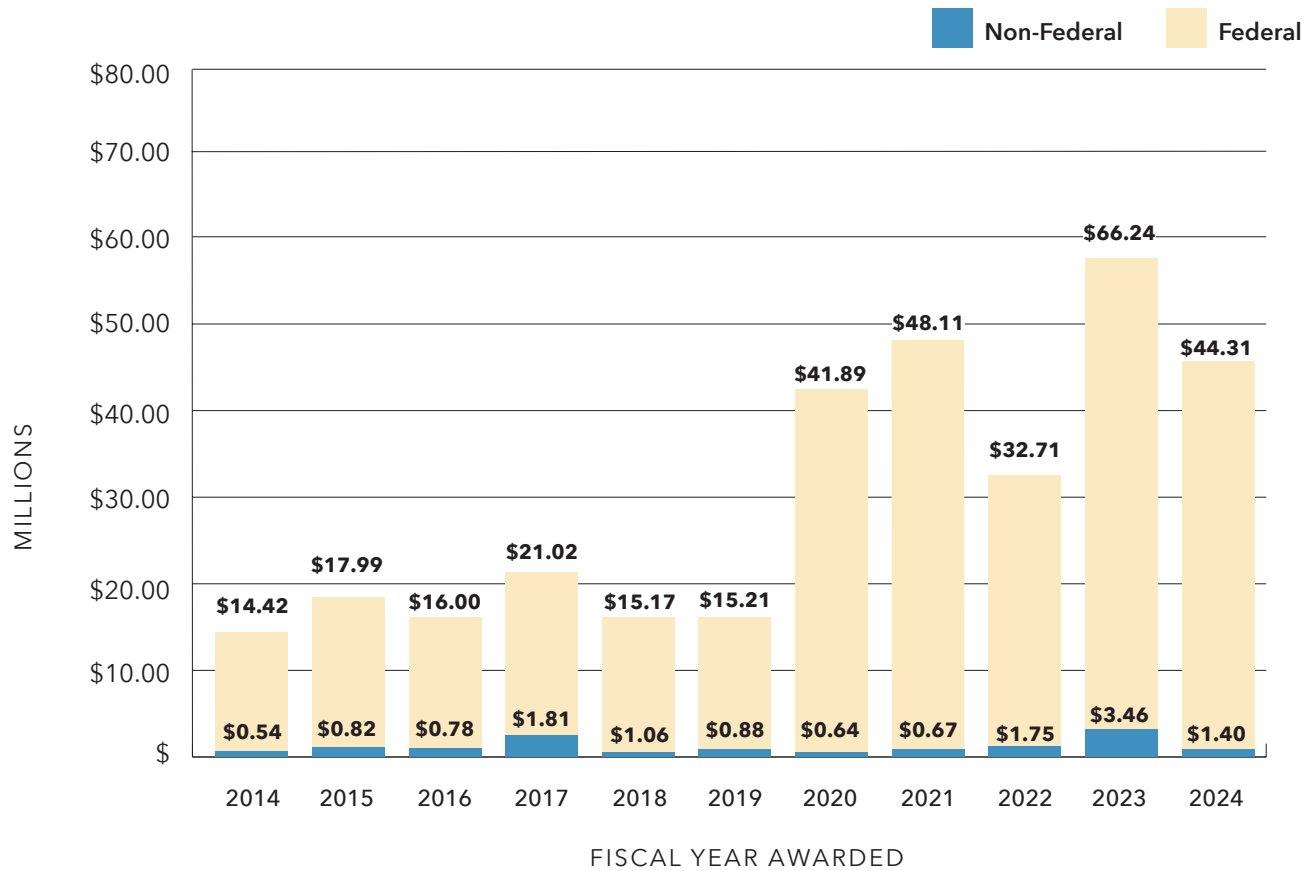


FIGURE 2
FEDERAL VS. NON-FEDERAL AWARDS BY YEAR
2014 - 2024

Fiscal Year	Federal	Non-Federal	Grand Total
2014	\$14,419,995.70	\$537,099.00	\$14,957,094.70
2015	\$17,988,815.35	\$822,800.68	\$18,811,616.03
2016	\$15,997,984.93	\$783,829.00	\$16,781,813.93
2017	\$21,021,573.47	\$1,808,629.00	\$22,830,202.47
2018	\$15,170,204.73	\$1,058,580.00	\$16,228,784.73
2019	\$15,214,629.98	\$876,191.80	\$16,090,821.78
2020	\$41,885,411.66	\$640,941.00	\$42,526,352.66
2021	\$48,106,666.07	\$665,810.00	\$48,772,476.07
2022	\$32,709,068.90	\$1,752,731.00	\$34,461,799.90
2023	\$66,244,620.67	\$3,456,042.52	\$69,700,663.19
2024	\$44,310,286.82	\$1,401,092.00	\$45,711,378.82
Grand Total	\$333,069,258.28	\$13,803,746.00	\$346,873,004.28

CHART 3
NUMBER OF FEDERAL VS. NON-FEDERAL AWARDS
 2014 - 2024

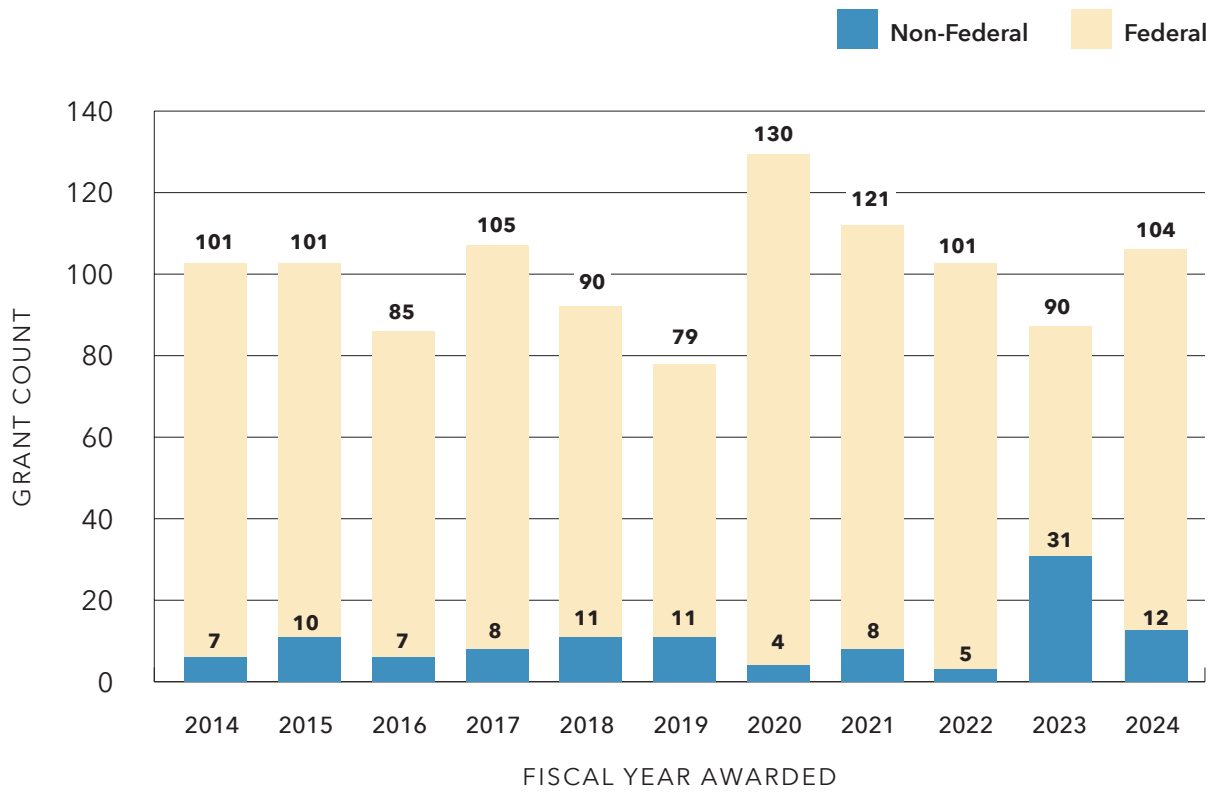


FIGURE 3
NUMBER OF FEDERAL VS. NON-FEDERAL AWARDS
 2014 - 2024

Fiscal Year	Federal	Non-Federal	Grand Total
2014	101	7	108
2015	101	10	111
2016	85	7	92
2017	105	8	113
2018	90	11	101
2019	79	11	90
2020	130	4	134
2021	121	8	129
2022	101	5	106
2023	90	31	121
2024	104	12	116
Grand Total	1,107	114	1,221

FIGURE 4
TOP PRINCIPAL INVESTIGATORS BY FUNDING (≥ \$100K)
FY 2024

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
1	Romina King	\$4,999,999.00	CNAS	USDA	Advancing Markets for Producers	Expands markets for fruit, vegetables and specialty crops in Guam and Commonwealth of the Northern Mariana Islands and supports implementation and monitoring of conservation practices.
2	Terry Donaldson(PI)/ Bastian Bentlage(Co-PI)/ Austin Shelton (Co-PI)/ Rachael Leon Guerrero (Co-PI)	\$3,517,938.00	ORSP	NSF	Guam Ecosystems for Corals and Oceans (GECCO)	Guam Ecosystems for Corals and Oceans (GECCO) advances research, education, and community engagement to protect Guam's coral reefs and marine ecosystem. The project integrates scientific monitoring, student training, and local partnerships to strengthen ocean resilience and promote sustainable stewardship for future generations.
3	Else Demeulenaere	\$1,734,736.00	ORSP	DOD/DON (CESU)	Vegetation Reforestation on AAFB	This project restores native forest habitat at the Habitat Management Unit (HMU) and 3A Achae Point by implementing vegetation management and reforestation practices that benefit native flora and fauna. Guided by approved restoration and reforestation plans, activities include invasive and high-risk tree removal, native species outplanting, monitoring, and adaptive management. The project also assesses and tracks carbon sequestration to evaluate the long-term ecological and climate benefits of forest restoration.
4	Peter Houk	\$1,322,585.00	ORSP	DOD/DON (CESU)	Long-Term Coral Monitoring	On Guam, to provide an assessment report on marine resources "then" (2014/2015) versus "now". At Tinian MLA and FDM, to establish long-term monitoring sites and conduct a baseline survey of marine resources.
5	Rachael Leon Guerrero	\$1,318,336.00	CNAS	NIH	U54 Pacific Island Partnership for Cancer Health Equity (PIPCHÉ) Year 5	The Pacific Island Partnership for Cancer Health Equity seeks to reduce the high burden of cancer among the Pacific Island populations in Guam, Hawai'i, and the USAPI. This will be accomplished through research and outreach with the community and educating future cancer researchers from Pacific Island communities.
6	Pamela Peralta	\$996,887.00	ORSP	HHS/HRSA/ BHW	Geriatrics Workforce Enhancement Program Year 5	To educate and train the health care and supportive care workforces in TTOUR sites to care for older adults by collaborating with community partners.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
7	Carlos Taitano	\$911,000.00	GLE	DPHSS	Health Disparities	The GLE-DPHSS Health Disparities Project aims to reduce inequities in health outcomes across Guam's diverse communities by expanding access to data-driven public health programs, education, and supportive services. Through community engagement, targeted outreach, and collaboration with local partners, the project works to identify priority health gaps, address barriers to care, and promote culturally informed strategies that improve overall community health and wellbeing.
8	Ross Miller	\$881,205.00	ORSP-WERI	USGS	Water Resources Act Program FY2024	This project is for institute program management support to include the director's attendance of the annual NIWR meeting in February and for WERI's three annual advisory council meetings, one each on Guam, the CNMI, and FSM.
9	Roseann Jones/ Frederick Granillo	\$777,777.00	SBPA	SBA	Pacific Islands-Guam SBDC	Offers an ongoing program of workshops, conferences, and seminars all designed to meet the needs of local small businesses in Guam and Micronesia.
10	Robert Lasley	\$749,478.00	ORSP	DOD/DON (CESU)	Marine Biodiversity	The purpose of this project is to conduct and develop comprehensive baseline surveys to identify the presence and distribution of Marine Invasive Species (MIS), generate a database for MIS, and to generate more data to detect the spatial and temporal distributions of <i>S. lewini</i> in JRM submerged lands.
11	Tammy Mildenstein	\$725,773.00	ORSP	DOD/DON (CESU)	Fruit Bat Monitoring on Andersen Air Force Base, Guam	Provides support for Mariana fruit bat population monitoring and analysis at on JRM managed lands throughout Guam and the CNMI, specifically the Naval Munitions Magazine (NMS) on Naval Base Guam (NBG), as well as in the Tinian Military Leased Areas (MLA), Commonwealth of the Northern Marianas (CNMI) in response to reported observations in these areas.
12	Leslie Aquino	\$715,014.00	CNAS	NASA	Hanom Fresko yan Acho Tasi	The CNAS/ORSP-NASA Hanom Fresko project supports STEM education and workforce development by engaging students and educators in space science research, hands-on learning, and career pathways related to NASA missions and priorities.
13	John Limtiaco	\$660,000.00	CNAS	DOE	Controlling Electrochemical Reactions	The CNAS-U.S. Department of Energy project investigates methods for controlling electrochemical reactions to improve efficiency, performance, and reliability in advanced energy and materials systems.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
14	June De Leon	\$620,675.00	ORSP- CEDDERS	DHHS	Core Grant	The Guam CEDDERS Core Grant provides foundational federal funding that supports the Center's mission to improve the quality of life of individuals with developmental disabilities. It funds Guam CEDDERS' core functions—training, technical assistance, research, and information dissemination—so the center can build capacity, strengthen systems, and support inclusive services across Guam and the Pacific region.
15	June De Leon	\$578,877.00	ORSP- CEDDERS	DPHSS	Guam Preschool Development Grant (PDG)	Guam CEDDERS will continue to provide technical assistance and support in the monitoring and updates of Guam's Early Childhood Island-wide Needs Assessment on the state of Guam's B-5 mixed delivery system, including but not limited to governance, personnel/workforce, data systems, accountability, quality improvement, quality standards, and finance.
16	Kuan-Ju Chen	\$565,052.00	CNAS	USDA/NCRS	Guam Development & Production Costs & Returns of Selected Crops Grown on Small Farms	To develop and update production costs and returns of selected crops grown on small farms in Guam.
17	Austin Shelton	\$543,079.00	ORSP	DOD/DON (CESU)	Joint Region Marianas (JRM) Natural Resources (NR) Stewardship Outreach and Public Engagement Program	The Joint Region Marianas Natural Resources Stewardship Outreach and Public Engagement Program supports DoD/DoN conservation goals by delivering education, outreach, and community engagement activities that promote responsible stewardship of military-managed lands and waters while ensuring regulatory compliance and sustaining mission readiness in Guam and the CNMI.
18	James McConnell	\$527,000.00	ORSP	DOD/DON (CESU)	Cycad Monitoring at AAFB and Tinian MLA	The purpose of this project is to: (1) Monitor and maintain live <i>C. micronesica</i> on AAFB, Guam, including seedlings growing in the conservation plots. (2) Collect <i>C. micronesica</i> seeds, propagate and outplant new plants; work includes proper storage of seeds, nursery care, invasive species control, and pest control with chemical pesticides. (3) Develop and implement cost-effective conservation methods within the five (5) existing, fenced one-acre Cycad Management Plots and other areas as designated by the Cooperative Agreement Technical Representative (CATR).
19	Yvette Paulino	\$518,867.00	SOH	NIH	Establish Guma' Tinemtom to support population health research through island wisdom	Supporting population health research through island wisdom.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
20	Peter Barcinas	\$494,657.00	CNAS	USDOJ-IA	Consumer Expenditure Survey - Household Income & Expenditure Survey	The CES-Household Income & Expenditure Survey, conducted in partnership with the Bureau of Statistics and Plans, collects data on household income, spending, and living conditions to support economic analysis, planning, and policy development on Guam.
21	Robert Reed/ Cathleen Moore-Linn	\$486,216.00	RCUOG	USGS	Research and Rapid Response to Control the Brown Tree Snake on Guam	To control the Brown Treesnake (BTS) on Guam, to prevent its introduction to other islands, and to mitigate its impacts to military readiness in the Pacific region.
22	Jeng-Hung Liu	\$475,001.00	CNAS	USDA-NIFA	Meat Poultry Education	To start an undergraduate program with the focus on Meat and Poultry Processing, which will enable and equip students with the tools and training that will allow them to pursue a career in the Meat and Poultry processing industry.
23	Andrea Blas	\$468,284.00	RCUOG	USDA	Coconut Rhinoceros Beetle (CRB) FY24	Integrated Pest Management of CRB Mitigation and Interdiction at Guam's Ports of Entry.
24	Austin Shelton(PI)/ Cheryl Sangueza(Co-PI)/Else Demeulenaere(Co-PI)	\$466,258.00	ORSP-CIS	NSF	NSF INCLUDES: Supporting Emerging Aquatic Scientists (SEAS) Islands Alliance	The National Science Foundation INCLUDES SEAS project expands participation in STEM by strengthening pathways, support systems, and institutional capacity for students from underrepresented communities in science and engineering fields.
25	Pamela Peralta/ Jason Betham	\$450,248.00	ORSP	SBA	American Samoa SBDC	To enhance economic growth and assist individuals in American Samoa by developing entrepreneurial skills among businesses and the broader community through counseling, training, research, advocacy, and other resources and activities.
26	Frank Camacho	\$449,207.00	CNAS	USDA-NIFA	CNAS-USDA New Farmer	The CNAS-USDA New Farmer project supports beginning and aspiring farmers through education, training, and technical assistance to strengthen agricultural skills, sustainability, and long-term farm success.
27	Lovelyn Mongami	\$425,783.00	EMSS	ED	TRIO Talent Search 24-25	TRIO Talent Search is a federally funded program that identifies and supports middle and high school students from first-generation and low-income backgrounds, providing academic advising, career exploration, and college readiness services to help them pursue and complete postsecondary education.
28	Sharleen Santos-Bamba	\$416,314.00	SVPP	ED	SVP-Para-Hulo-Triton Svs Center	Enhancing capacity at the University of Guam to advance students in academic, financial and career advising.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
29	Else Demeulenaere	\$408,000.00	ORSP-CIS	DOI	Controlling edaphic factors for outplanting success and genetic mixing research for inter-island <i>Serianthes nelsonii</i> recovery	<i>Serianthes nelsonii</i> Merr is a critically endangered tree. This inter-island research proposal brings together partners from both islands. The project examines the edaphic requirements of <i>Serianthes</i> needed to improve outplanting success. The second goal aims to establish an experimental mixed Guam and Rota population at the University of Guam, Ija research station.
30	Roseann Jones/ Boris Hertslet	\$398,163.04	SBPA	DOD	Guam APEX Accelerator	The Guam APEX Accelerator has been providing procurement technical assistance to Guam-based businesses of all sizes since 2008. The Guam APEX Accelerator has assisted clients with all phases of the government contracting lifecycle and wishes to continue providing this assistance.
31	Michael Carson	\$381,625.50	ORSP	NPS(CESU)	Archeological and Geophysical Investigation of Coastal Units of War in the Pacific National Park System	The study units facilitate multi-disciplinary science and integrated information products across multiple geographic regions of the National Park System. National Park Service (NPS) and the University of Guam Micronesian Area Research Center (UoG-MARC) staff will collaborate to expand upon limited previous documentation and research by conducting archaeological survey, geophysical survey, subsurface excavation, and documentation of resources within coastal areas of War in the Pacific National Historical Park.
32	Shane Siers	\$371,515.00	RCUOG	USDA	Brown Treesnake Research Support 2024	To further multiple lines of inquiry into the biology of invasive BTS and the development and testing of tools for their control.
33	James McConnell	\$350,000.00	ORSP	DOD/DON (CESU)	<i>Serianthes nelsonii</i> Outplanting and Monitoring on Guam at AAFB	To (1) Monitor and maintain the mature <i>S. nelsonii</i> tree located on AAFB, including the seedlings and saplings growing underneath the mature tree, and maintenance of the ungulate enclosure fence surrounding the site of the mature <i>S. nelsonii</i> tree. (2) Collect <i>S. nelsonii</i> seeds, propagate and outplant new saplings, and maintain the existing <i>S. nelsonii</i> seedlings and saplings located on AAFB and other areas indicated by the CATR; work includes proper storage of seeds, nursery care, and pest control with chemical pesticides and netting. (3) Implement management techniques to provide a conservation benefit to the <i>S. nelsonii</i> .
34	Kuan-Ju Chen	\$349,981.00	CNAS	USDA-MSU	Guam's Upgrowing Agricultural Markets (GUAM): Developing Profitable Local Food Markets and Sustainable Agriculture for Small Island Economies	To develop and implement a research and education program to promote the development and adoption of alternative and sustainable farming methods that are compatible with sustained human and environmental well-being. This will be known as the "Sustainable Agriculture Research and Education Program," (SARE) project for the Western Region.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
35	Chrislynn Takawo	\$348,515.00	EMSS	ED	TRIO Student Support Services 24-25	TRIO Student Support Services is a federally funded program that provides academic advising, tutoring, financial aid guidance, and personalized support to help first-generation, low-income, and disabled college students stay in school, succeed academically, and graduate.
36	June De Leon	\$310,000.00	ORSP-CEDDERS	DHHS	Guam Early Hearing Detection & Intervention	The Guam CEDDERS HEAR/EHDI project strengthens Guam's Early Hearing Detection and Intervention system to ensure all newborns receive timely hearing screening, diagnostic evaluation, and early intervention services. The program supports hospitals, clinics, and families through universal hearing screening, follow-up for infants who are referred, family education, data tracking, and coordination with early-intervention providers. Its goal is to identify hearing loss early and connect families to appropriate services to support healthy language and developmental outcomes.
37	Monique Storie, Kenneth Kuper	\$307,456.00	MARC	DHHS	Chamoru Language and Culture Researcher Training Program Year 3	To create a workforce of trained language and culture researchers who are proficient in collecting, analyzing, and piecing together the scattered pieces of Chamoru knowledge.
38	G. Curt Fiedler	\$293,094.00	ORSP	DOD/DON (CESU)	Listed Butterfly and Snail Species Monitoring on Andersen Air Force Base, Guam	Collect additional population, demographic, and habitat data utilized by federally endangered invertebrates, including land snail species and butterfly species, that will be used to support future natural resource management and recovery actions on Andersen Air Force Base.
39	Sahena Ferdosh	\$290,609.84	CNAS	USDA-NMC	Agritourism: Regenerate Workforce Initiative for African American and Insular Communities	To measure the longitudinal goals of the Initiative, the output metrics will include three types of evidences: (1) the examination of the continued workforce training in agritourism-related disciplines and workforce's contribution to economic diversity of minority communities; (2) scholarly journal publications and policy briefs that propose agritourism curriculum designs that are culturally appropriate to minority and rural learning contexts; (3) the evaluation of continued partnerships between African American and Pacific Island students in agritourism learning through educational research.
40	Michael Conner	\$285,780.94	RCUOG	USGS	Brown Tree Snake Research	Assess the feasibility and adaptive management potential of eradication and suppression programs for Brown Treesnakes (BTS) on Guam.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
41	Peter Barcinas	\$280,000.00	CNAS	USDOI-IA	COFA Subsample Survey	The CES-BSP/COFA Subsample Survey is a targeted data collection project conducted by the University of Guam Cooperative Extension & Outreach in partnership with the Bureau of Statistics and Plans. The survey gathers detailed demographic, social, and economic information on COFA households to supplement existing data and support informed planning, policy development, and funding decisions that address the needs of COFA communities on Guam.
42	Austin Shelton	\$249,999.52	ORSP-CIS	DOA	G3 Guam Restoration of Watersheds (GROW) MALU program	UOG CIS & SG will expand its G3 Conservation Corps and Guam Restoration of Watersheds (GROW) programs by recruiting six members annually for six-month terms to restore priority watersheds in Guam, led by a full-time project coordinator. Members will gain hands-on training, support community outreach, and help plant 6,000 new trees and maintain 10,000 existing ones.
43	Romina King	\$243,441.44	CNAS	USGS-UH	Pacific Islands Climate Adaptation Science Center (PICASC) Jellyfish	The goal of this project is to protect Jellyfish Lake, a landlocked marine lake home to Golden Jellyfish.
44	Mari Marutani	\$238,187.64	CNAS	USDA-AMS	Improving Hot Pepper Production of Increasing Value-added Products in Guam	The CNAS-Department of Agriculture of Guam-U.S. Department of Agriculture project enhances hot pepper production and develops value-added products to increase farm profitability, strengthen local agriculture, and support food system development in Guam.
45	Tanisha Aflague	\$215,297.00	CNAS	USDA/DPHSS	SNAP-Ed Program	The SNAP-Ed program at the University of Guam's Land Grant Extension Service provides free nutrition education and healthy-lifestyle programming to low-income individuals and families on Guam. The program delivers workshops, cooking demonstrations, grocery-shopping education, and community outreach to promote healthy eating, food safety, and physical activity – helping participants make informed food choices and stretch food resources. SNAP-Ed served a broad audience across schools, senior centers, public housing, and community centers, aiming to improve dietary habits and overall health.
46	Romina King	\$206,022.00	CNAS	USDA	Mapping and Prioritizing Potential Privately-Owned Forest Leadership Land-Guam	The Guam Forest Action Plan will better characterize privately owned forest resources in Guam to improve targeted landowner outreach. This project will utilize Geographic Information Science (GIS) to conduct a geospatial investigation to identify rural privately owned or leased lands potentially eligible for federal investment in Guam.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
47	Kuan-Ju Chen	\$200,000.00	CNAS	USDA/NIFA	Enhancing International Agriculture Sciences Education for Pacific Islanders	This proposal aims to address critical global challenges facing agricultural education in the Pacific region. As agriculture serves as the backbone of insular economies and cultural traditions, the project focuses on strengthening educational opportunities to produce skilled professionals capable of addressing complex agricultural issues.
48	Timmy Dela Cruz	\$200,000.00	CNAS	USDA/NIFA	Strengthening Human Nutrition/ Food Science and Child & Family Life Science Program at UOG	This proposed project focuses on culturally centered student experiences aiming to positively boost student enrollment, impact learning outcomes, career readiness and overall student satisfaction by strengthening capacity of the Human Nutrition and Food Science and Child and Family Life Science programs to meet student needs. There are four objectives for this proposed project. Interactive campus tours, academic enhancement, internship preparedness and life skills workshops and personalized academic advisement opportunities are among the deliverables of this project.
49	Glenn Dulla	\$200,000.00	CNAS	USDA/NIFA	Plant Path Research Lab and Nursery Spaces Improvement	Improvement of Plant Pathology Research Lab and Plant Pathology and Student Nursery Spaces at the University of Guam. Purchase biosafety cabinet, laminar flow hood and growth chambers. Build 4 new covered nursery spaces at ALS building.
50	Austin Shelton	\$200,000.00	ORSP-CIS	DOC/NOAA	Understanding Community Perception Around Ocean Renewable Energy	The goal of this project is to learn about the residents of Guam's perceptions, understanding, and values pertaining to ocean renewable energy to ensure a smooth transition to 100% renewable energy by 2045. This project will produce a cost-effective analysis on Guam's capacity to transition to renewable energy methods, specific to ocean energy.
51	Mari Marutani	\$200,000.00	CNAS	USDA	NIFA 2023 RIIA Instruction	The project aims to identify obstacles and opportunities in building stronger linkages among our insular higher education institutions by visiting of each island an continuation of on-line conversation to improve agriculture education among faculty, staff and students of UOG and COM. The project also supports student research activities at UOG using lab equipment and field work in plant science and agroecology.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
52	Mari Marutani	\$200,000.00	CNAS	USDA	NIFA Equipment 2023	This 'Facility and Equipment' project under USDA/NIFA/RIIA/AGFEI FY 2023 will focus on strengthening capabilities in high-resolution micro-imagery and next-generation DNA sequencing to enhance research education at UOG, documenting the taxonomic and genetic diversity of tropical and agricultural crops, invasive weeds, and native plant species in Guam and the Western Pacific.
53	Bulan Wu	\$200,000.00	CNAS	USDA	RIIA:Developing Multidisciplinary Research Opportunities at UOG	To develop multidisciplinary research opportunities for undergraduates at UOG by offering a new high-division research course for undergraduates at UOG in two ways: 1) To offer a new high-division research course for undergraduates during academic semesters, and 2) to offer research internship opportunities with stipends for undergraduates during summer break. The multidisciplinary research will primarily focus on natural product research, which will enhance the research capability of UOG.
54	Leslie Aquino(PI)/ Edgardo Aban(Co-PI)/Romina King(Co-PI)	\$200,000.00	ORSP	NASA	NASA EPSCoR Research Infrastructure Development (RID) Program	The NASA RID Y3 project advances space-related research, innovation, and workforce development by expanding research activities, strengthening partnerships, and enhancing student engagement in alignment with NASA priorities during Year 3 of the program.
55	Cathleen Moore-Linn	\$185,605.67	RCUOG	DOI	Build Long-Term Coral Reef Resilience Through Coral Recovery	To restore coral communities severely damaged by recent bleaching events using proven methods of selection, cultivation, and outplanting of bleaching-resistant strains of keystone coral species.
56	Gena Rojas	\$177,308.00	EMSS	ECMC Foundation	FAFSA Access Initiative ECMC	To support the Department of Education's student financial aid programs by increasing the 2024-25 FAFSA completion rates and (2) combating "summer melt" and increasing actual enrollment rates among students who have expressed an intent to enroll in college for the 2024-25 academic year.
57	Carlos Taitano	\$174,332.00	GLE	DHHS	PacConsortium 2 SRAE (Y2)	The goal of this project is to increase the number of youth participants who voluntarily refrain from non-marital sexual activity. There is a critical need for activities to address this goal in these targeted Pacific islands because of the reported high number of middle and high school students who report ever having sex, the high number of students who do not use any type of protection during sexual activity, the high number of teenage pregnancies, the high number of sexually transmitted diseases (STD), and high number of students reporting the use of alcohol.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
58	Robert Reed/ Cathleen Moore- Linn	\$165,146.00	RCUOG	USGS	Research and Rapid Response to Control the Brown Tree Snake on Guam	To control the Brown Treesnake (BTS) on Guam, to prevent its introduction to other islands, and to mitigate its impacts to military readiness in the Pacific region.
59	Glenn Dulla	\$154,145.00	CNAS	DOI	Supporting Territorial Attendance to Regional Biosecurity Training	Fund travel and supplies for "Regional Biosecurity Training for Guam and the U.S. Territories" from Nov. 27th to Dec. 1st 2023.
60	Bastian Bentlage	\$140,680.00	ORSP-ML	CORDAP	Novel bio-optical tools for scaling up coral restoration practices in cooperatively managed reef systems in the Pacific	To identify thermally tolerant genotypes rapidly using a low-cost optical tool, defining high-content photo-biological phenotypes to promote effective coral restoration.
61	Romina King	\$140,000.00	MARC	UH-USGS	Pacific Islands Climate Adaptation Science Center (PI-CASC) Year 5	The Pacific Islands Climate Adaptation Science Center (PI-CASC) University Consortium. Led by the University of Hawaii at Manoa, with partners the University of Hawaii at Hilo and the University of Guam, will work in close partnerships with the USGS to maximize PI CASC impact in promoting regional resilience and identifying and managing climate risks to support natural and cultural resource managers pursuing climate adaptation.
62	June De Leon	\$127,723.00	ORSP- CEDDERS	DHHS	AT State Act for Assistive Technology	The CEDDERS-DHHS/ACT-ATSG GSAT project enhances access to assistive technology for individuals with disabilities in Guam. Through training, device lending, technical assistance, and community outreach, the program promotes independence, improves daily functioning, and supports inclusive participation in education, employment, and community life.
63	Leslie Aquino	\$125,000.00	CNAS	NSA	NSA Math REU: Game Theory and Graph Theory	To run an eight-week REU on game theory and graph theory.
64	Hyunju Oh	\$125,000.00	CNAS	NSA	Game Theory, Graph Theory and the Magic of Coding	This award will fund an 8-week summer math research experience for undergraduates (REU) program at UOG, for 8 undergraduate students (2 from off-island) and 6 high school students in Summer 2023, with the possibility to extend to summer 2024. The topics for the REU will be game theory, graph theory, and coding theory. This is in collaboration with Virginia Commonwealth University (VCU).
65	Brett Taylor	\$124,794.24	ORSP-SG	NFWF	Fisheries Management	Assess the vulnerability and status of surgeonfishes and parrotfishes on Guam. Project will combine life- history data, fishery-dependent data, and fishery-independent repeat surveys (including Marine Protected Areas) spanning decades to support local managers in the ongoing development of fishery management plans.

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
66	Frances Castro	\$124,000.00	ORSP	DOD/DON (CESU)	ORSP-CESU Sea Turtle AAFB	This CESU project supports sea turtle conservation at Andersen Air Force Base through nesting beach monitoring, habitat assessment, and population data collection. Findings support ESA compliance, inform adaptive management, and protect critical sea turtle habitat on Guam.
67	Leroy Barber	\$120,000.00	CNAS	USDA-MSU	Western Sustainable Agriculture Research and Education (WSARE) 3-State	This program provides technical and capacity- building support of agricultural professionals in their efforts to assist agricultural producers, (including subsistence and home market gardeners). WSARE PDP will continue efforts focused on developing markets for commercial producers and supporting agricultural professionals in workshop delivery both for Guam and the region.
68	Francis Dalisay	\$110,000.00	CLASS	SAMHSA-GBHWC	Fuetsan Manhoben Project	Educate local schools in Guam about the harms and risks of tobacco and betel nut use among early adolescents, and available culturally appropriate skills to resist substance use offers among youth.
69	Else Demeulenaere	\$100,000.00	ORSP-CIS	USFWS-DOAG	Guam Wildlife Action Plan (GWAP)	Review, coordinate, and update the Guam Wildlife Action Plan.
70	Frances Castro	\$100,000.00	ORSP-CIS	USDA	Development of the Guam Reef Fisheries Management Plan	MOA between the Department of Agriculture and UOG to facilitate the development of the Guam Coral Reef Fisheries Management Plan.
71	Tanisha Aflague	\$100,000.00	CNAS	USDA/NIFA	Gus Schumacher Nutrition Incentive Grant Program FY2024	The pilot project, Dopble Kobple (DK), will directly benefit SNAP participants throughout Guam an underrepresented GusNIP Nutrition Incentive Program (NIP) population as this is the first of its kind. The overall goal of this pilot project is to increase access to local produce for SNAP participants to promote health and food security by 1)establishing the infrastructure for future projects in established SNAP firms and 2) collecting process evaluation data to assess NIP acceptability and feasibility and identify NIP needs for other SNAP firms.
72	Kuan-Ju Chen	\$100,000.00	CNAS	USDA-WSU	WRASAP IV	This project aims to address viable stressors within the agriculture sector unique to the Pacific Islands. Such research measures will increase awareness of the well-being and resources of vulnerable members, farmers/producers, and farm workers.
73	Tanisha Aflague	\$100,000.00	CNAS	HHS-NIH-UNT	AIM-AHEAD: Diabetes Surveillance to Examine Health and Nutrition Access and Availability (DISEHA): A Feasibility Study	To examine the feasibility of using existing clinical data to establish a sustainable Guam Diabetes Registry and identify healthcare disparities in diabetes management among ethnic groups in Guam's private and public clinics.

FIGURE 5
USDA LAND GRANT FORMULA FUNDS LISTING
FY 2024

Rank	Award Sponsor	Title	Grant Amount	Principal Investigator	PI's Unit	Project Description
1	USDA/NIFA	Smith Lever Administration/ANR/CYFFN FY2024	\$2,202,082.00	Leroy Barber	CNAS	The University of Guam Extension & Outreach (UOG-C E&O) engages the University Community through a multi-disciplinary, interdisciplinary, and transdisciplinary educational team's approach to address the complex issues facing the people of Guam. UOG-CE&O works to increase its collaborations with government agencies, private entities, businesses, non-governmental organizations. This approach is vital in Guam's interdependent culture and has proven to be one of the strengths in ensuring effective and timely education programs. These partnerships have supported the mission of extending research-based information through multiple education venues to engage individuals, families, youth, and communities.
2	USDA/NIFA	Hatch 2024	\$2,064,351.00	Frank Camacho	CNAS	The UOG Western Pacific Tropical Research Center Hatch project will provide broad support for agricultural, health and nutrition, and natural resource research for Guam and the region. These projects are informed through community and stakeholder engagement and are translated and communicated through cooperative extension and outreach.
3	USDA/NIFA	Multi-State Hatch 2024	\$177,952.00	Frank Camacho	CNAS	For the Multistate Hatch, CNAS faculty participate in research programs involving several universities in the United States on aquaculture, food science, genome conservation, human nutrition, plant health, and soil conservation.
4	USDA/NIFA	Expanded Food and Nutrition Education Program (EFNEP) FY 2024	\$105,542.00	Tanisha Aflague	CNAS	The priorities of EFNEP are to assist low-income families and youth in acquiring knowledge, skills, attitudes, and changed behaviors necessary for nutritionally sound diets and to contribute to their personal development and improvement of the total family diet and nutritional well-being. Participation in EFNEP should result in improved diet quality, food resource management, food safety, and food security through direct education and community involvement.
5	USDA/NIFA	McEntire Stennis FY24	\$94,460.00	Frank Camacho	CNAS	For the McIntire Stennis program, CNAS faculty will conduct a limited number of projects because of sharp funding reduction on forestry issues relevant to Guam. Projects at CNAS involve research faculty, associates, and assistants as well as agriculture technicians, students, and other support personnel. All projects relate to forestry in its broadest sense. Outputs from the projects are publications in peer-review journals, technical reports, and information in websites and other outlets. Outcomes are conservation and improved sustainable management of forest resources in Guam.

FIGURE 6
NOAA SEA GRANT FORMULA FUNDS LISTING
FY 2024

Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title	Project Description
Austin Shelton, Fran Castro	\$2,650,000.00	CIS/SG	Department of Commerce/ National Sea Grant College Program	University of Guam Sea Grant Omnibus 2024-2027	The Sea Grant (2024-2027) Omnibus will be distributed in several grant amendments to support the retention of staff, program development, procurement of equipment, supplies, funding for legal fellowships, internships, CIS and Science Fair sponsorships, research competition projects, support for the Guam Restoration of Watersheds, and various outreach and stakeholder education activities.

FIGURE 7
PROPOSAL TO AWARD CONVERSION

Year	Proposals	Awards	Conversion Rate
2024	163	116	71%

CHART 4
Grant Awards by College/Department
FY 2024

See Figure 8 on the next page.

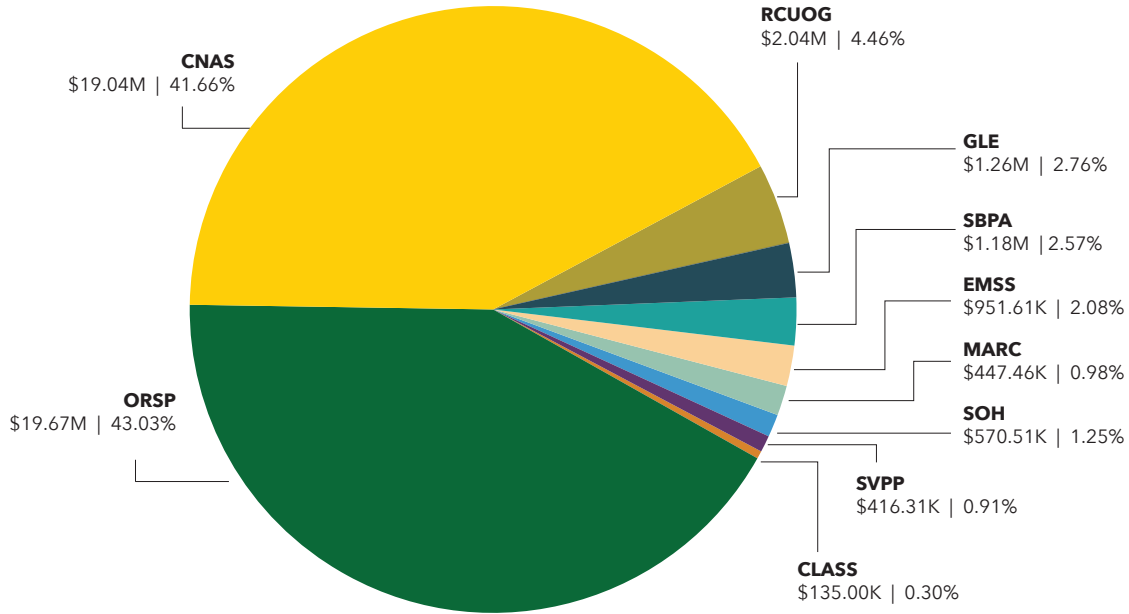


CHART 5
ORSP Awards by Sponsor
FY 2024

See Figure 9 on the next page.

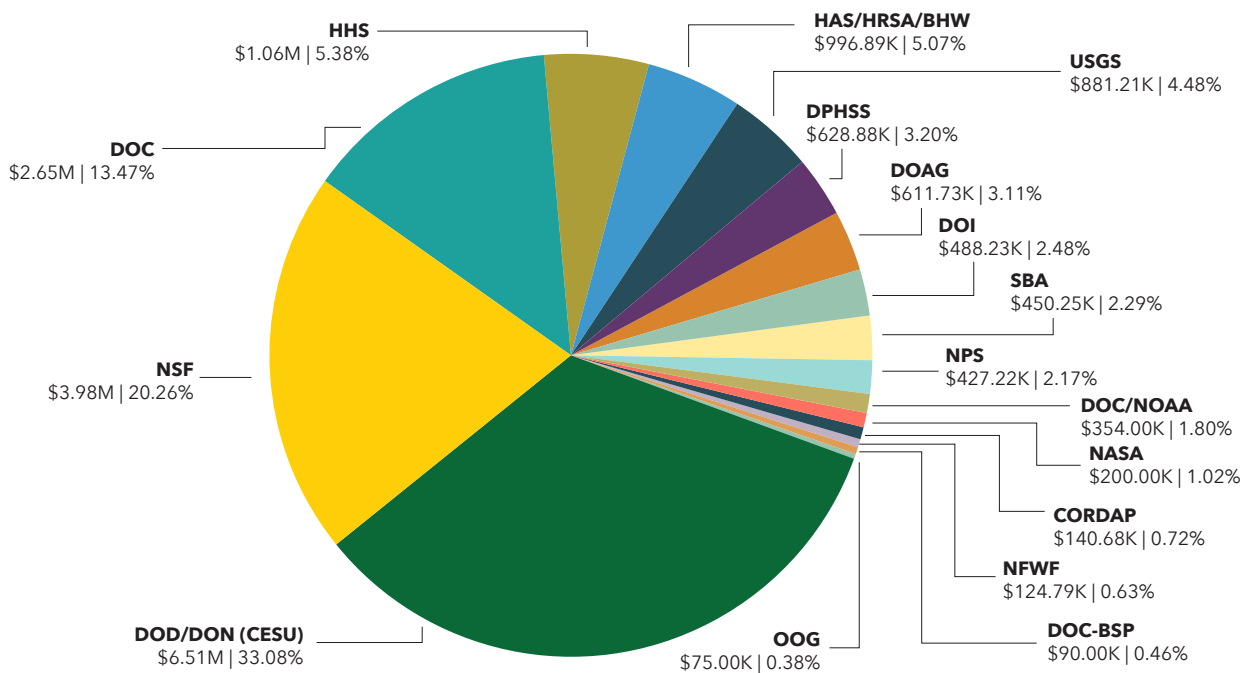


FIGURE 8
Grant Awards by College / Department
FY 2024

	Funded by	Sum of Grant Amount	%	Grant Count
	Office of Research and Sponsored Programs (ORSP)	\$19,667,458.26	43.03%	39
	College of Natural & Applied Sciences (CNAS)	\$19,044,023.51	41.66%	53
	Research Corporation of the University of Guam (RCUOG)	\$2,039,706.01	4.46%	7
	Global Learning and Engagement (GLE)	\$1,263,368.00	2.76%	5
	School of Business and Public Administration (SBPA)	\$1,175,940.04	2.57%	2
	Enrollment Management & Student Success (EMSS)	\$951,606.00	2.08%	3
	School of Health (SOH)	\$570,507.00	1.25%	2
	Micronesian Area Research Center (MARC)	\$447,456.00	0.98%	2
	Senior Vice President Office (SVPP)	\$416,314.00	0.91%	1
	College of Liberal Arts & Social Sciences (CLASS)	\$135,000.00	0.30%	2
	Grand Total	\$45,711,378.82	100.00%	116

FIGURE 9
ORSP Awards by Sponsor
FY 2024

	Funded by	Sum of Grant Amount	%
	DOD/DON (CESU)	\$6,505,985.00	33.08%
	NSF	\$3,984,196.00	20.26%
	DOC	\$2,650,000.00	13.47%
	HHS	\$1,058,398.00	5.38%
	HHS/HRSA/BHW	\$996,887.00	5.07%
	USGS	\$881,205.00	4.48%
	DPHSS	\$628,877.00	3.20%
	DOAG	\$611,731.52	3.11%
	DOI	\$488,241.00	2.48%

	Funded by	Sum of Grant Amount	%
	SBA	\$450,248.00	2.29%
	NPS	\$427,215.50	2.17%
	DOC/NOAA	\$354,000.00	1.80%
	NASA	\$200,000.00	1.02%
	CORDAP	\$140,680.00	0.72%
	NFWF	\$124,794.24	0.63%
	DOC-BSP	\$90,000.00	0.46%
	GovGuam (Office of the Governor)	\$75,000.00	0.38%
	Grand Total	\$19,667,458.26	100.00%

FIGURE 10
RESEARCH AWARDS UNDER ORSP
FY 2024

Center for Island Sustainability (CIS)

PROJECT NAME	SPONSOR	SUM OF GRANT AMOUNT	%
Controlling edaphic factors for outplanting success and genetic mixing research for inter-island <i>Serianthes nelsonii</i> recovery	DOI	\$ 408,000.00	2.07%
Endemic and Endangered Plant Partnership Program (Taiparehu)	DOI	\$ 80,241.00	0.41%
G3 GROW MALU Program	DOA	\$ 249,999.52	1.27%
Guam Wildlife Action Plan	DOAG	\$ 100,000.00	0.51%
NSF INCLUDES: Supporting Emerging Aquatic Scientists (SEAS) Islands Alliance	NSF	\$ 466,258.00	2.37%
Understanding Community Perception Around Ocean Renewable Energy	DOC/NOAA	\$ 200,000.00	1.02%
Center for Island Sustainability (CIS) - Grand Total		\$ 1,504,498.52	7.65%

Sea Grant (SG)

PROJECT NAME	SPONSOR	SUM OF GRANT AMOUNT	%
Carbon Credit Certification Project	GovGuam (Office of the Governor)	\$ 75,000.00	0.38%
Development of the Guam Reef Fisheries Management Plan	DOAG	\$ 100,000.00	0.51%
Knauss Fellowship	DOC/NOAA	\$ 73,000.00	0.37%
Fisheries Management	NFWF	\$ 124,794.24	0.63%
UOG Sea Grant Omnibus 2024-2027	DOC	\$ 2,650,000.00	13.47%
Sea Grant (SG) - Grand Total		\$ 3,022,794.24	15.37%

Office of Research and Sponsored Programs (ORSP)

PROJECT NAME	SPONSOR	SUM OF GRANT AMOUNT	%
Archeological and Geophysical Investigation of Coastal Units of War in the Pacific National Park System	NPS (CESU)	\$ 381,625.50	1.94%
Biomonitor Support for Natural Resource Management Surveys at Joint Region Marianas Area of Responsibility	DOD/DON (CESU)	\$ 39,734.00	0.20%
Sea Turtle AAFB	DOD/DON (CESU)	\$ 124,000.00	0.63%
Cycad Monitoring at Andersen Air Force Base (AAFB) and Tinian Military Lease Area (MLA)	DOD/DON (CESU)	\$ 527,000.00	2.68%
Fruit Bat Monitoring on Andersen Air Force Base, Guam	DOD/DON (CESU)	\$ 725,773.00	3.69%
Geriatrics Workforce Year 5	HHS/HRSA/BHW	\$ 996,887.00	5.07%
Guam Department of Agriculture LTS Grant	DOAG	\$ 72,011.00	0.37%
Guam Ecosystems for Corals and Oceans (GECCO) - Year 4	NSF	\$ 3,517,938.00	17.89%
Joint Region Marianas Natural Resources Stewardship Outreach and Public Engagement Program	DOD/DON (CESU)	\$ 543,079.00	2.76%
Listed Butterfly and Snail Species Monitoring on Andersen Air Force Base, Guam	DOD/DON (CESU)	\$ 293,094.00	1.49%
Longterm Coral Reef Ecosystem Monitoring at Joint Region Marianas Administered and Leased Submerged Lands	DOD/DON (CESU)	\$ 1,322,585.00	6.72%
Marine Biodiversity Surveys at Joint Region Marianas Administered and Leased Submerged Lands	DOD/DON (CESU)	\$ 749,478.00	3.81%
NASA EPSCoR Research Infrastructure Development (RID) Program	NASA	\$ 200,000.00	1.02%
Naval Base Guam, Joint Marianas Area of Responsibility, Kitsugawa Maru Archeological Documentation (SfM) and Biological Characterization	DOD/DON (CESU)	\$ 96,506.00	0.49%
SBDC - American Samoa	SBA	\$ 450,248.00	2.29%
Serianthes nelsonii Outplanting and Monitoring on Guam at AAFB	DOD/DON (CESU)	\$ 350,000.00	1.78%
Vegetation Reforestation at AAFB, Guam	DOD/DON (CESU)	\$ 1,734,736.00	8.82%
Office of Research and Sponsored Programs (ORSP) - Grand Total		\$ 12,124,694.50	61.65%

Center for Excellence in Developmental Disabilities Education, Research & Service (CEDDERS)

PROJECT NAME	SPONSOR	SUM OF GRANT AMOUNT	%
AT State Act for Assistive Technology	HHS	\$ 127,723.00	0.65%
Guam Preschool Development Grant (PDG)	DPHSS	\$ 578,877.00	2.94%
Project Bisita	DPHSS	\$ 50,000.00	0.25%
UCEDD Continuation Grant	ACL	\$ 620,675.00	3.16%
Universal Newborn Hearing Screening & Intervention	HHS	\$ 310,000.00	1.58%
Center for Excellence in Developmental Disabilities Education, Research & Service (CEDDERS) - Grand Total		\$ 1,687,275.00	8.58%

Marine Laboratory (ML)

PROJECT NAME	SPONSOR	SUM OF GRANT AMOUNT	%
MCT Year 2	DOC/NOAA	\$ 81,000.00	0.41%
Coral Resilience	NPS	\$ 45,590.00	0.23%
Enhance Coral Reef	DOAG	\$ 89,721.00	0.46%
Novel bio-optical tools for scaling up coral restoration practices in cooperatively managed reef systems in the Pacific	CORDAP	\$ 140,680.00	0.72%
Marine Lab (ML) - Grand Total		\$ 356,991.00	1.82%

Water and Environmental Research Institute (WERI)

PROJECT NAME	SPONSOR	SUM OF GRANT AMOUNT	%
Environment Impact Research Program Annual Base Grants FY2024	USGS	\$881,205.00	4.48%
Coastal Zone Management Inflation Reduction Act - Hydrologic & Hydroauleic Analysis	DOC-BSP	\$90,000.00	0.46%
Water and Environmental Research Institute (WERI) - Grand Total		\$971,205.00	4.94%

GRAND TOTAL RESEARCH AWARDS UNDER ORSP FY24	\$ 19,667,458.26	100.00%
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FIGURE 11
Grant Funding by Sponsor
2014-2024

Sponsor	Number of Awards	Sum of Grant Amount
AECOM Tech Svc	1	\$62,813.80
Alfred P. Sloan Foundation	1	\$249,969.00
American Cancer Society	1	\$14,088.00
AmeriCorps	3	\$1,494,000.00
ASDOE	1	\$21,942.00
AUAS/DAN	1	\$10,000.00
AUCD/CDC	1	\$94,000.00
AVP-GUAP	1	\$251,142.08
AVP-UAP-DPHSS	1	\$88,383.00
BASELINE	1	\$20,978.00
Black Construction Corp	1	\$25,500.00
CDC	2	\$143,955.00
CES RENEWAAL RESOURCES CAPACITY GRANT	1	\$13,500.00
CHLA	1	\$30,000.00
CNAS-RCUH PACIOOS	1	\$9,900.00
CNMI PSS	3	\$806,470.00
Coral Research & Development Accelerator Program (CORDAP)	1	\$140,680.00
DOAG	7	\$1,092,645.73
DOAG/FWS	1	\$871,016.00
DOC	1	\$709,571.00
DOC	1	\$16,201.00
DOC/EDA	2	\$30,326,847.00
DOC/NOAA	26	\$9,885,603.00
DOC/NOAA/BSP	16	\$2,208,961.68
DOC/NOAA/CRCP	1	\$71,216.00
DOC/NOAA/GVB	1	\$50,000.00
DOC/NOAA/MCT	4	\$288,715.00

Sponsor	Number of Awards	Sum of Grant Amount
DOC/NOAA/NSGO	1	\$179,004.00
DOC/NOAA/TNC	1	\$58,306.00
DOC/USCB/BSP	2	\$468,500.00
DOC-BSP	1	\$90,000.00
DOC-NOAA	1	\$315,714.00
DOD/DLA	10	\$3,272,471.11
DOD/DON (CESU)	88	\$30,233,138.69
DOD/GANG	1	\$23,865.00
DOD/USACE/CESU (Alaska)	1	\$743,867.00
DOE	2	\$1,695,000.00
DOI	23	\$3,538,381.17
DOI/BSP	10	\$570,153.00
DOI/COD	2	\$290,000.00
DOI/DOAG	4	\$1,907,950.00
DOI/FWS	3	\$89,982.00
DOI/NPS	7	\$459,396.08
DOI/OIA	8	\$2,747,615.00
DOI/USGS	104	\$2,624,902.99
DOI/USGS/GWA	1	\$531,300.00
DOI/USGS/UH	10	\$1,554,932.46
DOJ	1	\$300,000.00
DOJ/OVW	1	\$300,000.00
DOS	1	\$19,740.00
DPHSS	18	\$4,720,802.00
DPHSS-BFHNS	1	\$54,280.00
Duenas & Associate	1	\$65,018.00
ECMC Foundation	1	\$177,308.00
ED	46	\$39,472,883.00
ED/GDOE	25	\$5,037,619.14
ED/GovGuam	4	\$2,863,313.00
ED/San Jose State University (PT)	2	\$151,000.00

Sponsor	Number of Awards	Sum of Grant Amount
ED/UCORP	1	\$25,911.00
ED-GovGuam (GDOE)	1	\$310,500.00
Environmental Chemical Corporation	1	\$61,709.00
EPA	6	\$365,409.00
EPA/CNMI	1	\$8,860.00
EXTENSION FOUNDATION	1	\$18,175.00
FEMA/GHS/OCD	1	\$419,025.00
Ford Motor Company	1	\$15,000.00
FSM	2	\$139,966.00
FSM Department of Education	1	\$136,021.00
FSM National DOE	4	\$378,629.00
FWS	4	\$1,088,470.18
GATNA	1	\$24,941.00
GBHWC	1	\$19,382.00
GEPA	1	\$90,000.00
GIS MOD	1	\$14,681.00
GovGuam	12	\$1,601,053.00
GovGuam (AG)	1	\$200,000.00
GovGuam (BBMR)	2	\$900,000.00
GovGuam (BSP)	5	\$710,578.52
GovGuam (GDOE)	6	\$1,387,684.00
GovGuam (GEDA)	2	\$693,809.00
GovGuam (GVB)	1	\$5,000.00
GovGuam (GWA)	1	\$41,792.06
GovGuam (OAGG)	1	\$200,000.00
GovGuam (Office of the Governor)	1	\$75,000.00
Granite-Obayashi Construction (JV)	2	\$160,978.00
Guam Behavioral Health & Wellness Center	1	\$25,000.00
Guam Preservation Trust	1	\$49,999.00
Harvard	1	\$314.68

Sponsor	Number of Awards	Sum of Grant Amount
HHS	18	\$3,515,485.00
HHS/ACF	4	\$1,354,540.00
HHS/ACL	18	\$6,039,108.71
HHS/ACL/UCEDD	1	\$59,701.00
HHS/ACYF/FYSB	2	\$151,982.00
HHS/BBMR	1	\$310,000.00
HHS/CDC	2	\$41,909.00
HHS/CDC/AMCHP	3	\$30,000.00
HHS/CDC/AUCD	1	\$94,000.00
HHS/CDC/DPHSS	1	\$644,656.00
HHS/CDC/UH	3	\$344,299.00
HHS/DPHSS	21	\$2,967,824.00
HHS/HRSA	15	\$4,511,207.53
HHS/HRSA/AMCHP	1	\$100,000.00
HHS/HRSA/BHW	6	\$3,930,481.00
HHS/HRSA/EHDI	6	\$892,012.00
HHS/NIH	4	\$2,192,383.00
HHS/NIH/NCI	4	\$5,863,134.00
HHS/NIH/NIMHD - U24 PICCAH	5	\$2,795,683.00
HHS/NIH/UH - COVID RADx-UP	3	\$119,404.00
HHS/NIH-PSU	2	\$140,989.00
HHS/PHI	1	\$400,000.00
HHS/UH	4	\$397,441.00
HHS-ACF	1	\$78,913.00
HHS-ACL	1	\$127,738.00
HHS-CHLA	1	\$50,000.00
HHS-NIH-UNT	1	\$100,000.00
IMLS	1	\$97,792.00
KAHA	6	\$37,500.00
Library of Congress	1	\$45,868.00
MAA	3	\$18,000.00
Mathematical Association of America (MAA)	2	\$10,000.00
MCT	2	\$100,556.06

Sponsor	Number of Awards	Sum of Grant Amount
Merrick & Company	1	\$186,480.00
ML-MCT	1	\$96,010.00
MSU	2	\$109,040.00
NASA	17	\$4,372,816.89
NASA/UH	2	\$400,000.25
National Fish & Wildlife	1	\$150,000.00
National Security Agency	2	\$250,000.00
NCEO	1	\$23,040.00
NEH	3	\$416,798.00
NFWF	8	\$1,400,085.38
NFWF/BSP	2	\$255,300.00
NIH	1	\$1,318,336.00
NIH/NCI/UH	8	\$4,977,215.00
NIH/PSU	16	\$1,558,418.00
NIH/URI	1	\$25,903.00
NIH-Scripps Research Institute	1	\$29,279.00
NMHC	1	\$5,000.00
NOAA	5	\$2,366,491.21
NOAA/BSP	2	\$80,000.00
NOAA/NFWF	1	\$69,769.00
NOAA/RCUH	2	\$19,800.00
NPS	3	\$483,802.50
NSF	16	\$33,395,333.00
NSF/AU (PT)	1	\$39,000.00
NSF/BCS	1	\$274,312.00
NSF/MAA	4	\$116,539.00
NSF/UH	6	\$367,656.00
OSU	1	\$45,000.00
PALAU	1	\$142,297.00
PFM Inc	1	\$218,843.00
Proferre, Inc.	1	\$390,620.00
PRTCTN	1	\$20,686.00
PW Ministry of Ed, Sp Ed	8	\$950,579.00

Sponsor	Number of Awards	Sum of Grant Amount
RCUH	1	\$150,000.00
ROP Ministry of Education	1	\$142,297.00
SAMHSA-GBHWC	1	\$110,000.00
SBA	64	\$10,361,493.00
SCS	1	\$25,260.00
Sigma Associates Inc	1	\$20,000.00
SIGMA FSM	1	\$20,000.00
SOB-DOD/DLA PTAC	1	\$399,885.00
SRG	1	\$35,000.00
Sundance	2	\$72,543.00
Sustainable Resource Group	1	\$35,000.00
TECO	1	\$8,600.00
Tides Center	1	\$4,000.00
TNC	1	\$33,773.76
UCEDD	1	\$59,701.00
UH	8	\$721,812.00
UH-USGS	1	\$140,000.00
University of Otago (New Zealand)	1	\$22,645.00
UOG EF	1	\$45,000.00
UPEI	1	\$7,518.00
US Department of Education/PIMI	2	\$48,256.00
USDA	70	\$12,282,414.46
USDA USFS	1	\$200,000.00
USDA/AMS/BBMR/DOAG	1	\$203,840.63
USDA/AMS/DOAG	1	\$210,938.97
USDA/APHIS	20	\$2,279,676.00
USDA/APHIS/DOAG (PT)	1	\$58,062.00
USDA/APHIS/PPQ	45	\$1,475,427.00
USDA/CSU	1	\$5,000.00
USDA/DOAG	6	\$629,146.42
USDA/DPHSS	11	\$1,830,524.00

Sponsor	Number of Awards	Sum of Grant Amount
USDA/FS	11	\$1,015,494.00
USDA/Idaho	2	\$60,000.00
USDA/KSU	5	\$112,232.00
USDA/LSR/DOAG/FSRD	3	\$442,780.00
USDA/MCT	1	\$62,000.00
USDA/MSU	1	\$72,871.00
USDA/NASS	1	\$25,000.00
USDA/NCRS	1	\$565,052.00
USDA/NIFA	86	\$48,592,175.00
USDA/NIFA/MSU	5	\$559,313.00
USDA/NIFA/UH	3	\$507,828.00
USDA/NIFA/USU	7	\$284,263.70
USDA/NMC	1	\$6,500.00
USDA/NRCS	2	\$149,922.00
USDA/OIA	1	\$63,816.00
USDA/UCDavis	5	\$123,366.00

Sponsor	Number of Awards	Sum of Grant Amount
USDA/UH	4	\$1,170,766.00
USDA/UW	2	\$40,002.00
USDA/WSU	1	\$44,999.00
USDA-AMS	1	\$238,187.64
USDA-APHIS	3	\$669,620.40
USDA-Forest Service	1	\$50,000.00
USDA-FS	1	\$50,000.00
USDA-IA	2	\$774,657.00
USDA-MSU	4	\$579,080.00
USDA-NASS	1	\$60,000.00
USDA-NMC	1	\$290,609.84
USDA-WSU	2	\$200,000.00
USFWS	1	\$12,000.00
USGS	15	\$3,424,290.62
USGS/UH	2	\$412,761.44
WASTEJ20	1	\$17,748.00

GRAND TOTAL

Number of Awards:

1,221

Sum of Grant Amount:

\$346,873,004.28

CHART 6

COMPLETED APPLICATION (FULL AND SUBAWARD) PROPOSALS IN CAYUSE BY COLLEGE/DEPARTMENT

FY 2024

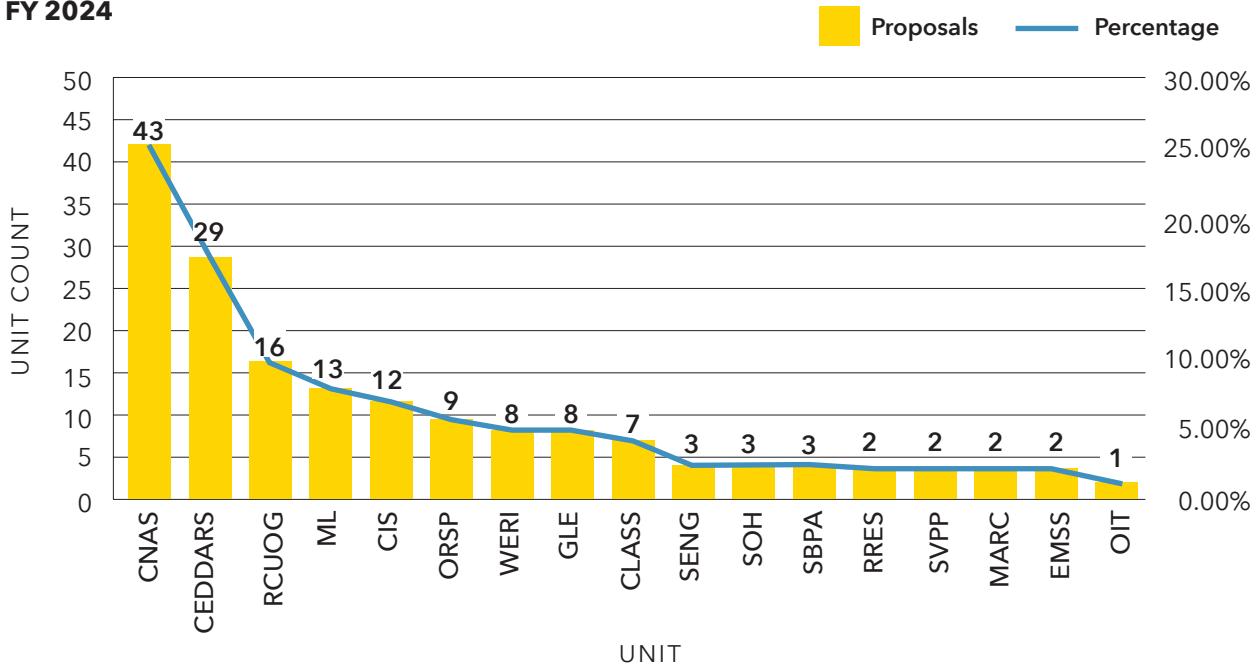


FIGURE 12

COMPLETED APPLICATION (FULL AND SUBAWARD) PROPOSALS IN CAYUSE BY COLLEGE/DEPARTMENT

FY 2024

Unit	Unit Count	Percentage
CNAS	43	26.37%
CEDDARS	29	17.79%
RCUOG	16	9.82%
ML	13	7.98%
CIS	12	7.36%
ORSP	9	5.52%
WERI	8	4.91%
GLE	8	4.91%
CLASS	7	4.29%

Unit	Unit Count	Percentage
SENG	3	1.84%
SOH	3	1.84%
SBPA	3	1.84%
PRES	2	1.23%
SVPP	2	1.23%
MARC	2	1.23%
EMSS	2	1.23%
OIT	1	0.61%
Grand Total	163	100.00%

CHART 7
NUMBER OF RESEARCH AND SCHOLARLY PUBLICATIONS BY COLLEGE/DEPARTMENT

FY 2024

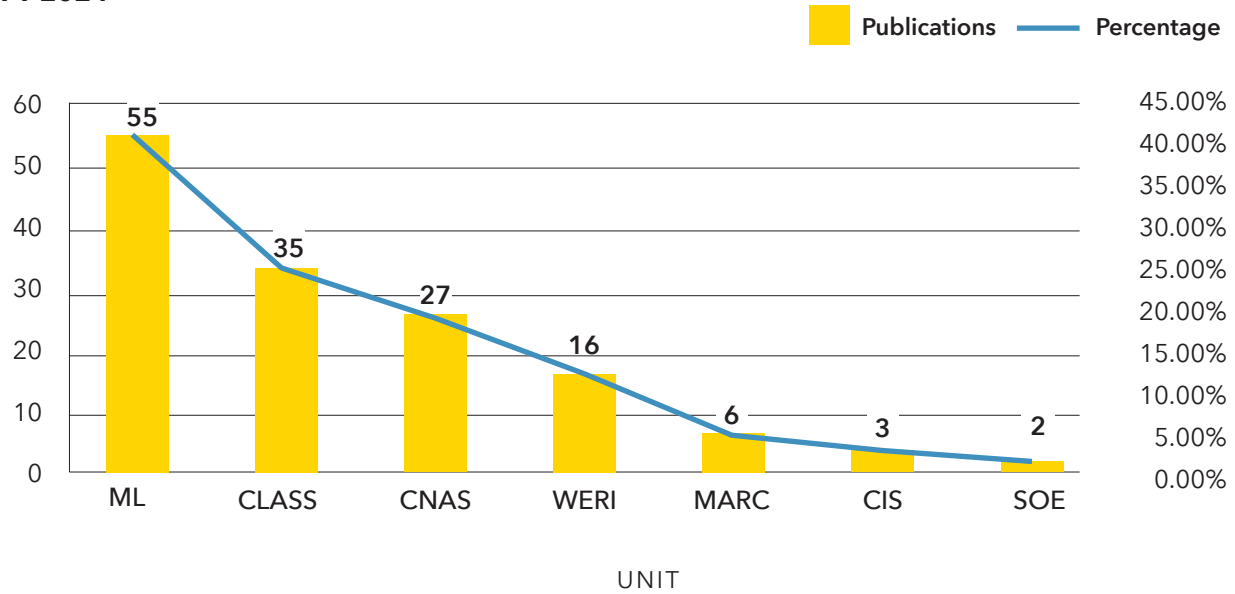


FIGURE 13
NUMBER OF RESEARCH AND SCHOLARLY PUBLICATIONS BY COLLEGE/DEPARTMENT

FY 2024

Unit	Publications	Percentage
Marine Lab (ML)	55	38.19%
College of Liberal Arts & Social Sciences (CLASS)	35	24.31%
College of Natural & Applied Sciences (CNAS)	27	18.75%
Water and Environmental Research Institute of the Western Pacific (WERI)	16	11.11%
Richard Flores Taitano Micronesia Area Research Center (MARC)	6	4.17%
Center for Island Sustainability (CIS)	3	2.08%
School of Education (SOE)	2	1.39%
Grand Total	144	100.00%

Research and Scholarly Publications

FY 2024

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IRB ACTIVITY

CY 2024

Human Capital

What it is: Skills, knowledge, health, and leadership of individuals.

Examples: Education, workforce training, healthcare, leadership programs.

Role: Drives innovation, productivity, and community resilience.

Social Capital

What it is: Networks, trust, and relationships that enable cooperation.

Examples: Community groups, volunteer organizations, informal support systems.

Role: Facilitates collaboration and resource sharing across other capitals.

Cultural Capital

What it is: Shared traditions, values, heritage, and identity.

Examples: Language, arts, festivals, historic sites.

Role: Shapes community norms and influences how other capitals are used.

Natural Capital

What it is: The environment and natural resources that sustain life.

Examples: Land, water, air quality, biodiversity, forests, reefs.

Role: Provides ecosystem services (clean water, food, recreation) that support other capitals.

FIGURE 14
IRB Activity by Type
CY 2024

IRB Capitals	Total
Human Capital	153
Social Capital	29
Cultural Capital	14
Natural Capital	23

CHART 8
IRB Activity by Type

CY 2024

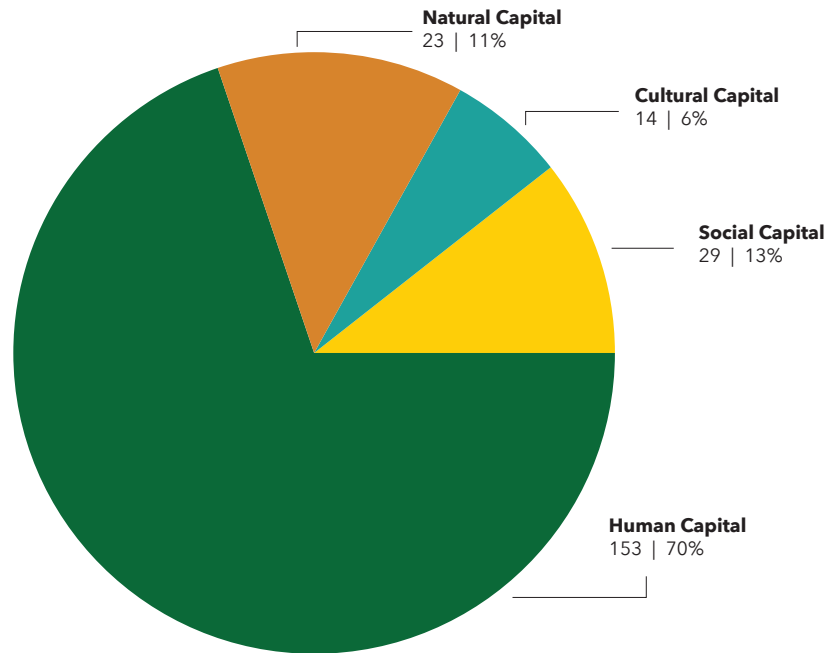


CHART 9
IRB Activity by UOG Unit

CY 2024

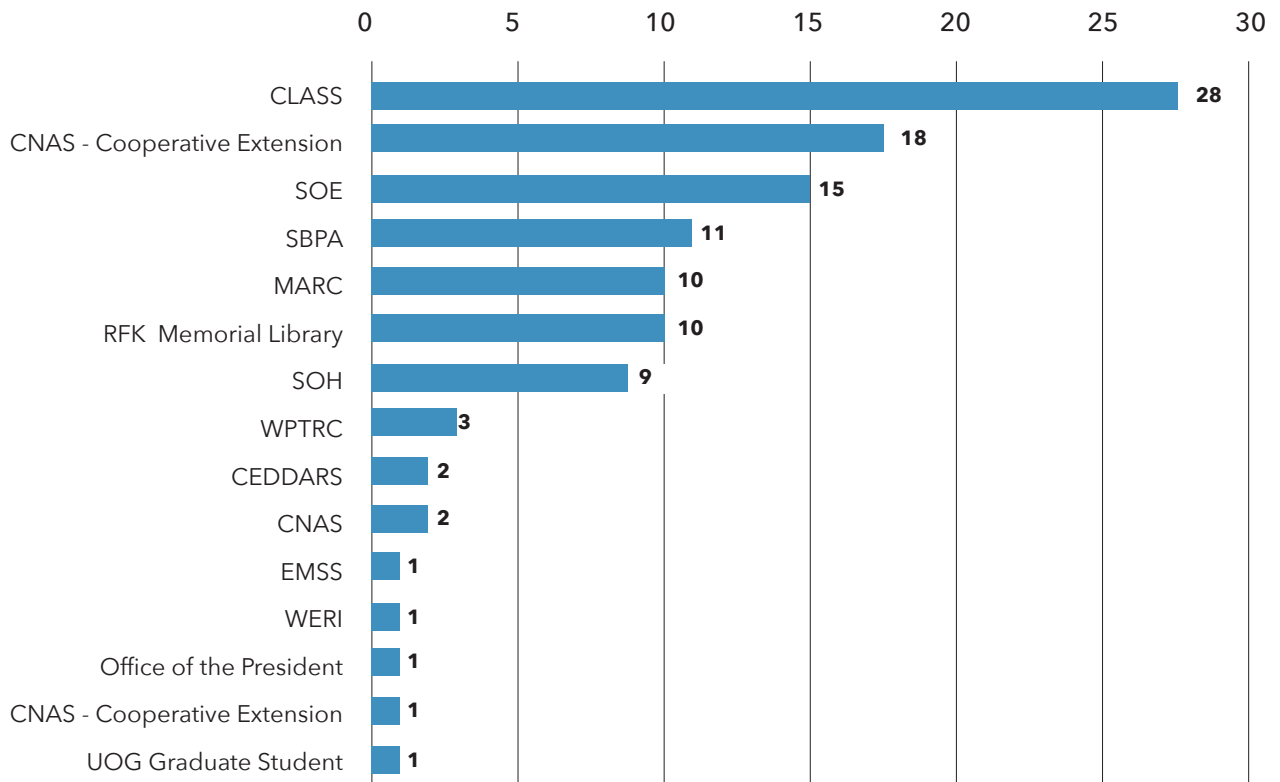
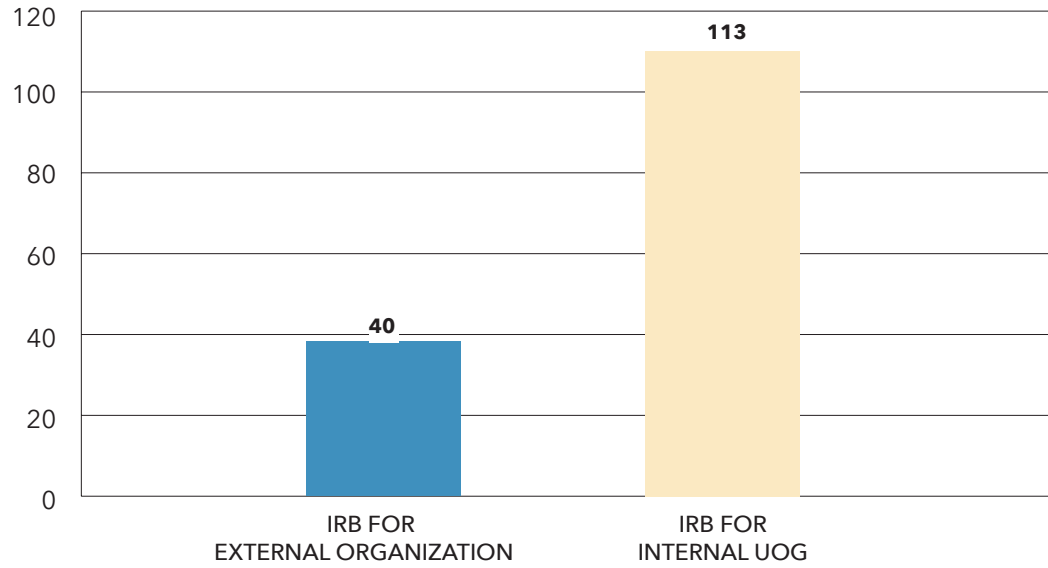


CHART 10
Number of Internal & External IRBs
CY 2024



List of IRB-Approved Projects CY 2024

FY2024 was a busy year for the UOG Committee on Human Research Subjects (CHRS/IRB). A total of 153 projects involving human subjects were submitted by UOG faculty, students, and other outside researchers. All projects were then reviewed and approved by the CHRS. The following is a comprehensive list of approved projects.

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
"Screening Saves Lives" - Cancer Education Study	Angelina Mummert		Natural Capital	Human Capital
"Weaving Stories of Resilience: Indigenous Voices in the Founding of Joeten-Kiyu Public Library"	Beth Rita Demapan	Kenneth Kuper	Human Capital	
2024 Pacific RISCC Manager Survey	Andrea Blas		Human Capital	
5-2-1-Almost None: Youth Participatory Action Research	Tanisha Aflague		Natural Capital	Human Capital
A retrospective look at the risk and protective factors of substance use among Pacific Islander Youth	Yoshito Kawabata		Social Capital	Human Capital
A sensory evaluation of feral swine in processed meat products based on consumer perception and palatability	Dann Carlo Bilong		Natural Capital	Human Capital
Acculturative Stress, Historical Loss Thinking, and Suicide Risk Among Emerging Adults on Guam: The Moderating Role of Ethnic Identity	Katherine Mafnas	Katherine Mafnas	Cultural Capital	Human Capital
AI-Driven Insights on Risk Factors from Economic, Behavioral, and Social Determinants for Predicting Lung Cancer in Guam (AIRE)	Grazyna Badowski		Natural Capital	Human Capital
An Action Research on the Effects of Moby Max Fact Fluency on Math Computation	Jeanalyn Victoria Benavente	Geraldine James	Human Capital	
An Intrinsic Case Study on Parents' Perspectives on Collaboration with Professionals in Transition Services	Chanda Gonzales		Human Capital	

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
Aspects of Identity of Native Hawaiian Pacific Islander (NHPI) Undergraduate Students within STEM Education	Chloe Dydasco	Daniel Lindstrom	Cultural Capital	Human Capital
Assessing the Relationship Between Social Media Internalization, Social Comparison, and Body Dissatisfaction as Predictors for the Development of Body Dysmorphic Disorder Symptoms Among Emerging Adults	Shanice Castro	Yoshito Kawabata	Human Capital	
Balibbayan and Beyond: Navigation of Remittances, Transnational Identity, and Digital Kinship Among Second-Generation Filipinos in Guam	Marilea Torcelino	Wai Yi Ma	Cultural Capital	Human Capital
Betel Nut Intervention Trial (BENIT)	Yvette Paulino		Human Capital	
Biba CHamoru	Lyann Iglesias	Kenneth Kuper	Human Capital	
Bridging Past and Present: Modernizing Y Santa Biblia (1908) as a Resource for Chamorro Language Revitalization	Jennifer Rose Chau	Kenneth Kuper	Cultural Capital	Human Capital
Business Administration (BA) Student Exit Survey and Accounting Student Exit Survey	Martha Suez-Sales		Human Capital	
Cancer Clinical Trials in Guam Survey	Tressa Diaz		Human Capital	Social Capital
CDC Registry for Bleeding Disorders Surveillance	Margarita Gay		Human Capital	
Comedy Before Cramming: How Humor Can Ease Exam Anxiety	Albert Juaneza	Yoshito Kawabata	Human Capital	
Community-based Social Marketing Campaign for Enhancing Breastfeeding Support in Guam	Tanisha Aflague		Natural Capital	Human Capital
Comparing MNT alone vs MNT with continuous glucose monitoring on health outcomes for diabetic patients	Christian Reyes	Tanisha Aflague	Natural Capital	Human Capital
Cost of Caring: Organizational Contributors to Compassion Fatigue within Animal Welfare Teams on Guam	Kaiulani Lujan	James Ji	Human Capital	
Cultivating Indigenous Resilience: Exploring Stress Management Strategies among Male Chamorro Farmers on Guam	Jathan Muna-Barnes	Kuan-Ju Chen	Natural Capital	Human Capital
Cultural Resilience and Identity Among the Refaluwasch, the People of Tamuning	Sarah Damian	Wai Yi Ma	Cultural Capital	Human Capital
Customer Satisfaction Survey	Martha Rubic		Human Capital	
DCP-001 Use of a Clinical Trial Screening Tool to Address Cancer Health Disparities in the NCI Community Oncology Research Program (NCORP)	Samir Ambrale		Social Capital	Human Capital
Develop and Update Production Costs of Selected Crops Grown on Small Farms in Guam	Kuan-Ju Chen		Natural Capital	Human Capital

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
Developing a public health peer mentoring program in the US Affiliated Pacific Islands	Yvette Paulino		Human Capital	Social Capital
Developing an Eclectic TESOL Curriculum	Danielle Marie Hagen	Geraldine James	Human Capital	
Documenting Educators' Perspectives on Micronesian Cultural Representation in a Guam Elementary School Library	Maria Rosario Maza	Wai Yi Ma	Human Capital	
Dopble Kopble: Nutrition Incentive Pilot Project in Guam	Tanisha Aflague		Natural Capital	Human Capital
ECOG-ACRIN EAQ222CD	Samir Ambrale		Human Capital	
Effectiveness of the Mindfulness Activities in Enhancing the Cognitive and Emotional Resilience of High School Students Enrolled in Health Classes in Guam	John Hernandez		Human Capital	Social Capital
Engaging CHamoru Culture to Support Reproductive Justice in Guahan	Ha'ani San Nicolas		Cultural Capital	Human Capital
Enhancing the Level of Resilience of High School Students Enrolled in Health Classes in Guam Through Mindfulness Activities	John Hernandez	Alvin Sicat	Human Capital	Social Capital
Environmental Recognition in Guahan	Michele Lamont		Human Capital	
Ethnographic Project	Royce Kinikki Camacho		Human Capital	
Evaluating Barriers to Eye Care and Implementing a Pilot Telemedicine Screening Program for Diabetic Retinopathy: Insights from Guam with Implications for Island Populations and a Novel Approach to Clinical Staffing through Pre-Medical Student Engagement	Jia Jia Zhang	Grayson Armstrong	Human Capital	Social Capital
Examining Food Preparation And Taste Tests on Fruit and Vegetable Intake and Willingness to Try among EFNEP Youth in Guam (EFNEP EATS)	Katrina Jon Macasaquit	Tanisha Aflague	Natural Capital	Human Capital
Examining Generative AI Tool Use in Higher Education at the University of Guam: Student and Instructor Perspectives on Instructional Integration and Policy Needs.	Hyun-Jong Hahm		Human Capital	
Examining the Impact of Social Media Perceptions on the Academic Challenges Faced by College Women at the University of Guam	Josephine Hagen	Manuel Cruz	Human Capital	
Exploring Historical Trauma From the Perspective of Carolinian Traditional Navigators	Annie Fay Camacho	Camarin Andrea Meno	Human Capital	
Exploring Stories of Late-Diagnosed Autism Using Narrative Analysis	Hazel Advincula	Marshaley Baquiano	Human Capital	
Exploring the Equity of School Discipline in the Guam Department of Education	Cabrini Maria Rivera	Caroline McCarty	Human Capital	
Exploring the Sufficiency of How CHamoru is Taught within the Classroom	Ashley Nicole Borgonia	Wai Yi Ma	Human Capital	

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
Expressions of Identity: How CHamoru Artists and Artisans Use Creative Work to Preserve and Celebrate Culture	Victoria Zervoulakos	Wai Yi Ma	Cultural Capital	Human Capital
Faculty Professional Development Interest Survey	Genevieve Leon Guerrero		Human Capital	
Farmer Preferences for Market Production on Guam	Kuan-Ju Chen		Natural Capital	Human Capital
Feasibility Study for a Mobile Payment Solution in Saipan	Ryan Rudolph Galindo	James Ji	Human Capital	
Following the Hyperuricaemic Trail - Pilot Test in Guam	Frank Camacho		Natural Capital	Human Capital
Friendships and Their Impact on Life Satisfaction	Jessica Phan	Yoshito Kawabata	Human Capital	
From Campus to Community: Understanding and Measuring First-Year Students' Sense of Belonging at the University of Guam	Muturwan Choay	Mary Therese Cruz	Social Capital	Human Capital
Garrett Lee Smith (GLS) State Youth Suicide Prevention and Early Intervention Evaluation	Kristanna Whitman		Social Capital	Human Capital
Government Leaders' Perceptions on Mental Health Supports in the Workplace: A Qualitative Descriptive Study	Carissa Pangelinan		Human Capital	Social Capital
Guahan Youth Initiative (GYI) program	Melissa Rhea		Social Capital	Human Capital
Guam Behavioral Health & Wellness Center Partnerships for Success Program Evaluation Study (Youth)	Vera Ann Blaz		Social Capital	Human Capital
Guam Behavioral Health and Wellness Center Partners for Success Program Evaluation Study (Adults)	Vera Ann Blaz		Human Capital	Social Capital
Guam Cancer Registry Data Analysis	Grazyna Badowski		Human Capital	
Guam Housing Evictions Study 2025	Dilbedul Ngiraklang		Human Capital	
Guam Memorial Hospital Authority Financial Statement Analysis	Dona Marie Silang	Martha Suez-Sales	Human Capital	
Guam National Health Interview Survey	Yvette Paulino		Human Capital	Social Capital
Guinaha i edda': Assessment of Cultivation and Consumption of Five Traditional Root/Tuber Crops from CHamoru Producers in Guam	Katherine Perez	Else Demeuenaere	Natural Capital	Human Capital
Health Discrimination in Guam	Morgan Gale	Yoshito Kawabata	Human Capital	Social Capital
Humor: Cultural Differences in Application of Humor and Life Satisfaction Among Ethnic Groups in Guam	Luke Taisipic	Yoshito Kawabata	Human Capital	
I Lina'la-Hu (My Life) 2	Melissa Rhea		Human Capital	

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
Identifying Stakeholder Needs for the Guam Conservation Resource Hub	Erica Pangelinan		Human Capital	
Immune Checkpoint Inhibitor Toxicity (I-CHECKIT): A Prospective Observational Study	Samir Ambrale		Human Capital	
Impact Of Student Intervention System (SIS) In the Learners' Social-Emotional Learning (SEL): The Case Of Okkodo High School In Guam.	Rita Flores		Human Capital	
Implementation and Evaluation of the Fuetsan Manhoben Youth Substance Use Prevention Curriculum	Francis Dalisay		Social Capital	Human Capital
Ina'guyon Fino' CHamoru: Language Feature Loss, Trends, Mutations & Transformation Research Study - Elvin Quitugua	Elvin Quitugua	Kenneth Kuper	Cultural Capital	Human Capital
Increasing sweetpotato market value and sustainable production for direct market farmers in the Pacific region	Mari Marutani		Natural Capital	Human Capital
Internet-delivered Management of Pain Among Cancer Treatment Survivors (IMPACTS)	Samir Ambrale		Human Capital	
Investigating the Digital Divide Among the Humataks in Guam, United States	Raquel Dianne Ashment	Benamina Paula Flor	Human Capital	
Investigating the Influence of Think-Pair-Share Strategy on Student Learning in the Classroom	Kirstine Jones	Geraldine James	Human Capital	
ITHAKA S+R Campus Belonging Student Services Audit	Joseph Lujan		Human Capital	
Knowledge and Skills of Novice Elementary Teachers in Guam on Teaching Early Literacy: reference to an enhanced teacher preparation program	Grace Diego		Human Capital	
Leadership That Lasts: A Collective Case Study on Administrator Retention in Guam's Secondary Schools	Emily Harper	Geraldine James	Human Capital	
Leveling Up: Using Game-Based Learning to Improve Student Achievement	Ikea Anne Natividad	Geraldine James	Human Capital	
Local Face of Global Effort: The Normalization Journeys of Former Bangsamoro Combatants	Marshaley Baquiano		Human Capital	
Making Indigeneity: Race and Nation in an Insular Territory	Chelsea King	Michele Lamont	Human Capital	
Manmama'hâyi Hit: CHamoru Identity in Relation to Language Learning	Valerie Jean King	Kenneth Kuper	Cultural Capital	Human Capital
Maolek Na Lina'la (Life Is Good)	Melissa Rhea		Human Capital	
Meal Plans for People with or at risk for Pre-Diabetes	Christian Reyes	Tanisha Aflague	Natural Capital	Human Capital
Mental Health Service Utilization	Angel'Lea Aguilar	Debra Marie Cabera	Human Capital	Social Capital
Motivator Types and Basic Psychological Needs as Predictors of Instructors' Participation in Professional Development	John Darag	Sharleen Santos-Bamba	Human Capital	

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
My Nutritional Guide For a Healing Heart: Supporting Cardiac Recovery at GRMC	Stephanie Suva	Tanisha Aflague	Natural Capital	Human Capital
Nǎ'nǎ'lu I Salut (Taking Back Indigenous Health): -Supporting and Centering Indigenous Innovation in Health and Wellness	Tricia Lizama		Human Capital	Social Capital
Narratives and Discourses of Domestic Violence in Guam	Isabella Smith	Marshaley Baquiano	Human Capital	
National Woodland Owner Survey	Romina King		Natural Capital	Human Capital
Navigating Rainbows: Examining Educators' Attitudes and Actions Towards Trans and Gender Non-Conforming Students on Guam	Aimee Wodda		Human Capital	
NSF INCLUDES Alliance: Islands Alliance	Austin Shelton III	Cheryl Sanguenza	Human Capital	
Ongoing research study, no changes, seeking for modification with the CBPR consent form. Title: Health care staff implementation of Americans with Disabilities Act responsibilities: barriers and strategies to address	Rosielyn Babuata		Human Capital	Social Capital
Pacific Islands Cohort of College Students	Yvette Paulino		Human Capital	
Parasocial Relationships and You: How does parasocial relationships affect us	Jayson Quinto	Yoshito Kawabata	Human Capital	
Peer Feedback: Strengthening Oral Reading Fluency	Mariana Lujan	Geraldine James	Human Capital	
Peer Feedback: Strengthening Oral Reading Fluency	Karla Jade Mafnas	Geraldine James	Human Capital	
Peer Victimization and School Adjustment in Adolescence: A Cross-Cultural Multilevel Analysis	Yoshito Kawabata		Human Capital	
Pickleball and Community Engagement Across the Adult Lifespan in Guam	Rocel Molina	Wai Yi Ma	Social Capital	Human Capital
Political Efficacy of Civil Societies in the FSM	Ike Solomon	Arun Swamy	Human Capital	
Poverty on Guam	Erika Anderson		Human Capital	
Presentation and Treatment Outcomes of Betel Nut Related Oral Cavity Squamous Cell Carcinoma in Micronesia	Jonathan West		Human Capital	
PY495H - How Parents Manage Children's Media Exposure: A Grounded Theory Approach	Maria Elizabeth Hunt	Arvin Jay Boller	Human Capital	
Qualitative Study on the Social Impact of False Health Information and Privacy	Kai Wing Ho		Human Capital	Social Capital
Quantitative Assessment of PFAS Releases from Septic Systems in Guam	Yong Sang Kim		Human Capital	
Rebuilding Guam's Economy: The Effects Of Covid-19 On Guam's Hospitality Industry	Kai Wing Ho		Human Capital	

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
Recommendations for Solving the Problem of Significant Failure Rates on the Praxis II Elementary Education Content Knowledge Assessment Among Teacher Candidates at the University of Guam's School of Education in Guam	Rico Chaco		Human Capital	
Relationship Between the Perspectives of Students and Parents on Elementary Teachers' Effectiveness in a Guam Public School.	Kristina Miral		Human Capital	
Relationships	Julia Purviance	Arvin Jay Boller	Human Capital	
Secondary data analysis: Guam Behavioral Risk Factor Surveillance System	Yvette Paulino		Human Capital	Social Capital
Seeing is Learning: Visual Aids during Vocabulary Instruction and its Impact on Student Achievement	Eleanor Lansang	Geraldine James	Human Capital	
Segundo: Improving and Updating the Lt. Governor's Position on Guam	Ron McNinch		Human Capital	
Sensory Evaluation of SPAM in Guam and Taiwan: Exploring Consumer Preferences and Market Potential	Kuan-Ju Chen		Natural Capital	Human Capital
Shared Understanding of Career Politicians in Guam	Delsha David	Marshaley Baquiano	Human Capital	
Shriners Children's Genomics and Precision Medicine Project	Robin Miyamoto		Human Capital	
Sinistenen i kottura yan lina'la i tetehnan na lancheron CHamoru giya Guåhan yan Notte' Marianas	Velma Lynn Santos	Kenneth Kuper	Human Capital	
SO491 Capstone - HBDG	Hyalea Beryl Gono	Debra Marie Cabera	Human Capital	
SO491 Capstone NLS	Noah Somera	Debra Marie Cabera	Human Capital	
Social Media Addiction, Depression, and E-cigarette /Cigarette Use Among Adolescents in Guam: A Sequential Mixed Methods Study	Veronica Basilio	Yoshito Kawabata	Human Capital	
Study on Fluent CHamoru Second Language Speakers	Theresa Limtiaco	Kenneth Kuper	Cultural Capital	Human Capital
The Association between Nutrient-poor diet and Mental Health among Guam's Emerging Adults	Shareen Gabriel	Yoshito Kawabata	Human Capital	Social Capital
The Development of a Community-based Healthy Campaign for Guam	Tanisha Aflague		Natural Capital	Human Capital
The Development of Renal-Friendly Snacks	Charlene Badajos	Tanisha Aflague	Natural Capital	Human Capital
The Impact of Social Stigma on Individuals with Autism Spectrum Disorder within the Chamorro Culture	Anica Gumataotao	Wai Yi Ma	Cultural Capital	Human Capital
The Influence Of Culturally Relevant Texts In An ESL-Sheltered Classroom	Tonisha Jo Lujan-Salas	Geraldine James	Human Capital	

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
The Influence of Teacher and Administrator's Effectiveness (TAE) Program on Teacher Retention and Professional Commitment in the Guam Department of Education: A Qualitative Inquiry	Kristina Miral		Human Capital	
The Level of Awareness of K-12 Educators in Guam of the Manifestation of Imposterism	Michelle De Guzman		Human Capital	
The Narratives and Discourses of HPV in Guam	Shantei Angeles	Marshaley Baquiano	Human Capital	
The Sināhi Necklace: A Symbol of CHamoru Identity	Michelle Luzano	Wai Yi Ma	Cultural Capital	Human Capital
The State of Wellness: Chartering Guam to a Healthier Tomorrow	Christopher Monk	James Ji	Human Capital	Social Capital
Thoughts of Gen X's to Gen Z's: A Contemporary Focus on Traditions of Weddings and Marriages on Guam	Nicolas Abrenilla	Wai Yi Ma	Human Capital	
Traditional And New lifestyle Interventions for breast Cancer survivors (TANICA): Individual (I) Pilot Study	Tanisha Aflague		Natural Capital	Human Capital
Translating Faith: Chamorro Adaptations of Spanish Hymns and the Preservation of Cultural Identity	Mariesa Griffith	Wai Yi Ma	Cultural Capital	Human Capital
Types of community supports available to cancer survivors	Tricia Lizama		Social Capital	Human Capital
Understanding and Sensemaking of Institutional Assessment: A Collaborative Autoethnography of Perceptions and Experiences with Assessment Work.	Kathrine Gutierrez		Human Capital	
Understanding Post-colonial Migration in Guam: Empowering Bilingual Educators through Ethnography	Rochelle Camacho	Clarisa Quan	Human Capital	
University of Guam/University of Alaska, Fairbanks NextGen Training Program and Financial Aid (Scholarship & Opportunities)	Jesse Bamba		Natural Capital	Human Capital
UOG Faculty Evaluation of Senior Administrators	Grazyna Badowski		Natural Capital	Human Capital
UOG Website Marketing Surveys and Focus Group Questions	Jonas Macapinlac		Human Capital	
Using Action Research to Improve Teaching and Foster Student Engagement	Martha Suez-Sales		Human Capital	
Using Class Dojo for Young English Learners' Motivation and Development of Skills in English	Catherine Nadeau	Geraldine James	Human Capital	
Using Culturally Relevant Texts to Enhance Students' Sense of Belonging	Hannah Elise Benavente	Geraldine James	Human Capital	
Wage in the Water: Shared Understanding of Decent Wage in Guam	Camille Cosico	Marshaley Baquiano	Human Capital	
WestCare Pacific Islands Coalition for Drug-Free Dededo (CDFD) DFC	Melissa Rhea		Social Capital	Human Capital

STUDY TITLE	PRINCIPAL INVESTIGATOR (PI)	CO-PRINCIPAL INVESTIGATOR (CO-PI)	PRIMARY COMMUNITY CAPITAL	SECONDARY COMMUNITY CAPITAL
WestCare Pacific Islands Project STEER - Renewal	Kimberly Marino		Human Capital	
WestCare Pacific Islands, Inc. Ma'lak na Ha'ani	Kimberly Marino		Human Capital	
WestCare Pacific Islands, Inc. Project Hatsa	Melissa Rhea		Human Capital	
WF-2303CD	Samir Ambrale		Human Capital	
Writers' Stories about Editing: Cross-cultural Considerations in the Editing of the English Language Work of Tranlingual Writers in Guam	Carol Simpson-Warner	Sarah Stanley	Cultural Capital	Human Capital
Yo' Amte	Moryne Nicole Monforte	Kenneth Kuper	Human Capital	
Youth Risk Behavior Survey 2025	Andrew Hernandez		Social Capital	Human Capital
Youth Risk Behavior Survey 2025	Cellini Higa		Social Capital	Human Capital
Youth Victimization, Substance Use and Suicidality in the Pacific Region	Yoshito Kawabata		Social Capital	Human Capital

United Nations 17 Sustainable Development Goals (SDG) Charts and Tables

The following charts and tables provide a clear visual summary of data aligned with the 17 Sustainable Development Goals established by the United Nations. They present key indicators, trends, and measurable outcomes to help track progress, identify gaps, and support informed decision-making toward advancing sustainable development priorities. The following sections highlight research publications (2014 - 2024) by faculty and staff of the University of Guam that contribute to and align with the United Nations' 17 Sustainable Development Goals (SDGs).

FIGURE 15
Distribution of SDG Publication
2014 - 2024

United Nations 17 Sustainable Development Goals, 2014-2024	Count
Life Below Water	362
Good Health & Well-Being	130
Life On Land	111
Quality Education	91
Zero Hunger	70
Climate Action	38
Reduced Inequalities	37
Peace, Justice, and Strong Institutions	31
Decent Work and Economic Growth	24
Gender Equality	20

United Nations 17 Sustainable Development Goals, 2014-2024	Count
Sustainable Cities and Communities	20
Clean Water and Sanitation	17
Partnerships for the Goals	16
No Poverty	16
Responsible Consumption and Production	10
Industry, Innovation and Infrastructure	10
Affordable and Clean Energy	6
Grand Total	1009

Source: <https://openalex.org>

CHART 11
SDG Publications by Year
2014 - 2024

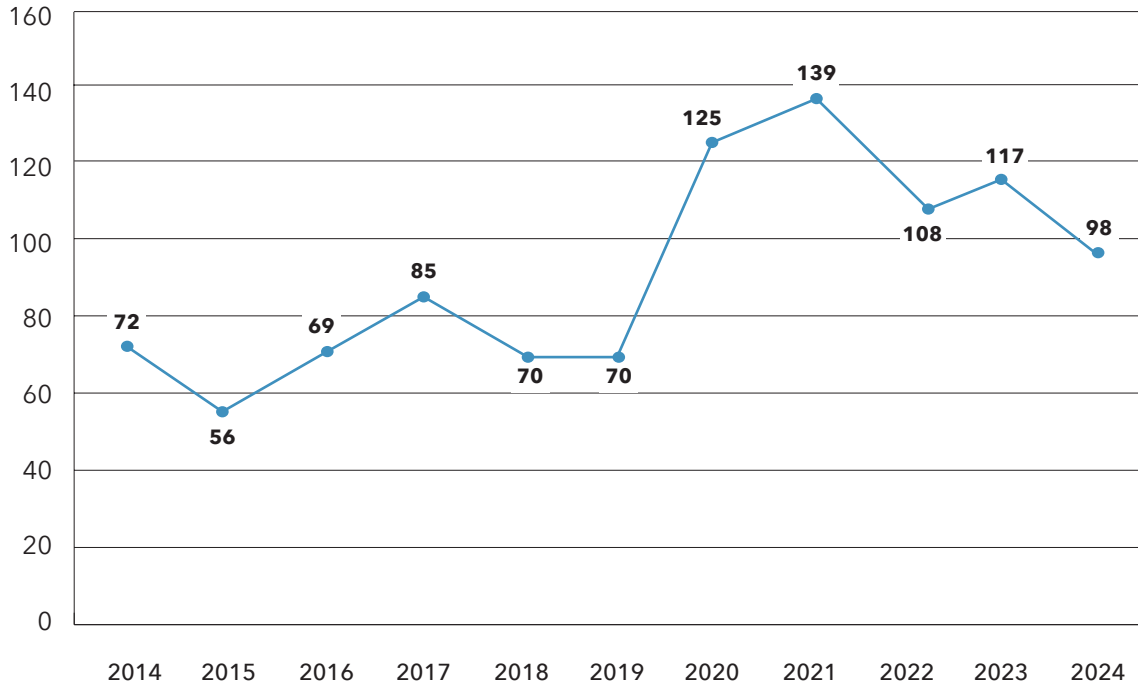
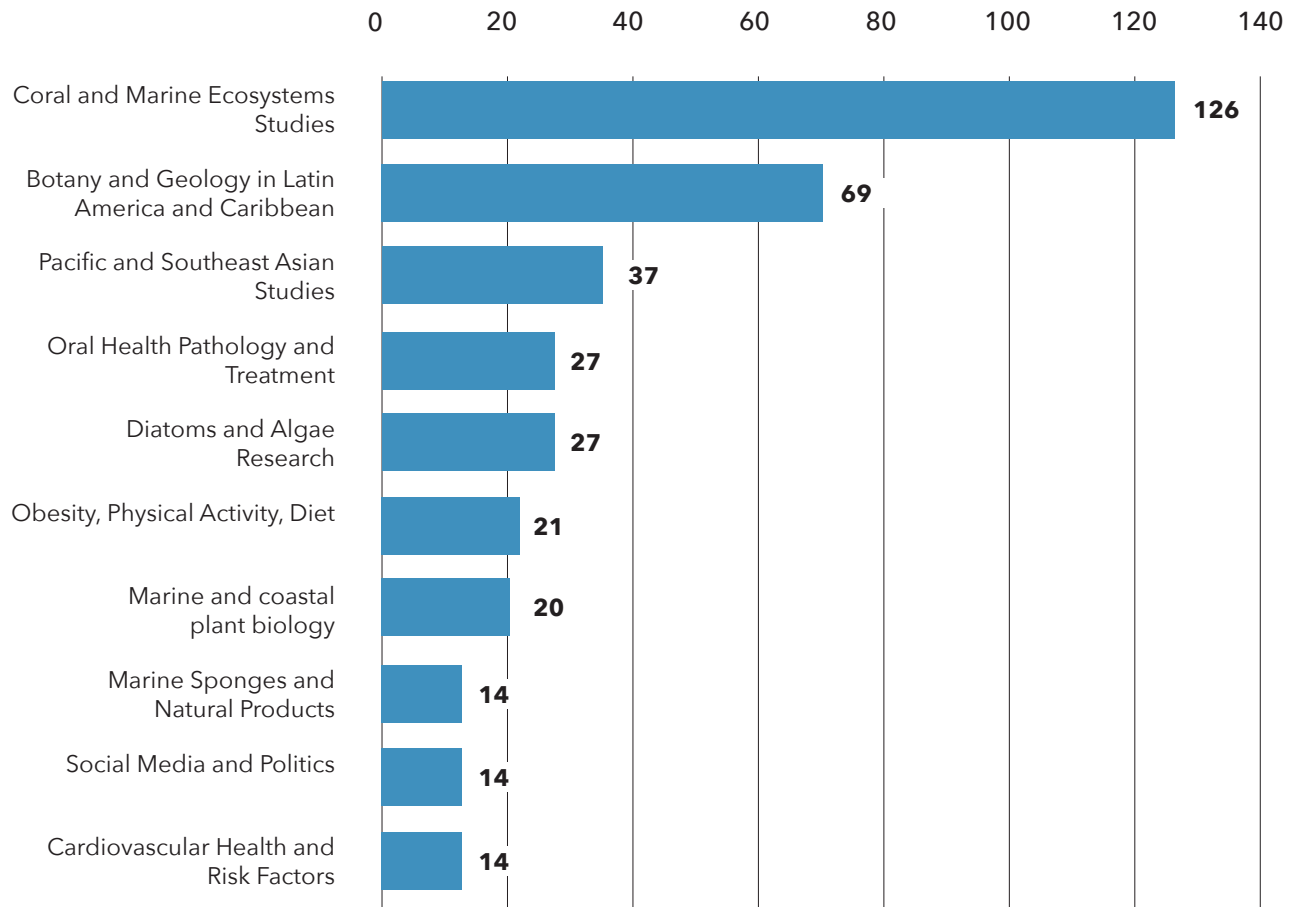


FIGURE 16
SDG Publications by Year and Type
2014 - 2024

Year	Article	Book	Book-Chapter	Editorial	Erratum	Letter	Other	Paratext	Preprint	Report	Review	Grand Total
2014	57	1	12		1					1		72
2015	54		1		1							56
2016	52		16								1	69
2017	70	3	8					1	1		2	85
2018	62		4		1	1			1		1	70
2019	60		5						4		1	70
2020	113		5						7			125
2021	111		18			1	1		6		2	139
2022	82		11	1			1		9	1	3	108
2023	89		2	1		2			17	1	5	117
2024	84		2		1				10		1	98
Grand Total	834	4	84	2	4	4	2	1	55	3	16	1009

CHART 12
Top 10 SDG Research Topics
2014 - 2024



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Dr. Frank A. Camacho, College of Natural & Applied Sciences

Dr. Michael Carson, Micronesian Area Research Center

Mr. Michael Conner, Research Corporation of the University of Guam

Ms. June De Leon, Center for Excellence in Developmental Disabilities Education, Research & Service

Dr. Terry Donaldson, Established Program to Stimulate Competitive Research

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Dr. Kathrine Gutierrez, School of Education

Dr. Roseann Jones, School of Business and Public Administration

Dr. Michelle Blas Laguana, College of Natural & Applied Sciences

Dr. Yvette Paulino, Margaret Perez Hattori-Uchima School of Health

Prof. Valentino Perez, School of Business and Public Administration

Dr. Laurie Raymundo, Marine Lab

Dr. Austin Shelton, Center for Island Sustainability & Sea Grant

Dr. Yuming Wen, Water and Environmental Research Institute

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Ms. Karlyn "Karla" Borja, Grant Assistant III, Office of Research and Sponsored Programs/Center for Research and Innovation

OFFICE OF RESEARCH AND SPONSORED PROGRAMS (ORSP)

The Office of Research & Sponsored Programs is the central point of support and management for all research and sponsored projects at UOG. The office seeks available external funding related to the missions and goals of the university, supports faculty in their personal research endeavors, and coordinates studies with public and private agencies locally, nationally, and internationally. The office consists of a small core team as well as the sub-units indicated here that manage some of the university's primary sponsored and grant funded programs.

ORSP STRATEGIC PLAN (2023-2028)

MISSION

Ina, Deskubre, Setbe - To Enlighten, to Discover, to Serve

The University of Guam empowers the region by uniting island wisdom with universal sources of enlightenment to support exceptional education, discovery, and service that respects and benefits local and global communities.

VISION

Transforming communities through excellence in research.

OUR SHARED VALUE

We value innovative scholarly research that is ethical and inclusive and that is culturally engaged.

STRATEGIC INITIATIVES

To operationalize the UOG Research Community's Vision and Mission Statements, the following Strategic Initiatives provide the framework for deliberate, timed, and impactful action.

1. Place-based Research with Local, Regional, and Global Relevance
2. Talent Acquisition, Development, and Support
3. Infrastructure and Financial Support
4. Operational Excellence (ORSP's Office)
5. A Great Place to Work (ORSP's Office)

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Pamela A. Peralta Taitano, Ed.D.
Vice Provost for Research and Sponsored Programs



Zenaida Valencia
Accountant I



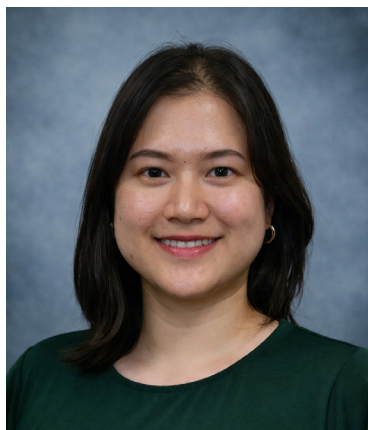
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Gigi Snively
Project Coordinator



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Danielle Batac
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Jed C. Henson
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