

ANNUAL REPORT 2025



RESEARCH CORPORATION
OF THE UNIVERSITY OF GUAM



ABOUT THE COVER PHOTO | *Individual practicing traditional Chamoru coconut leaf weaving, an art passed down through generations.*

CONTRIBUTORS

Shane Siers, Ph.D.

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Vince Fabian

Eugene Herrera

UOG Center for Island Sustainability

UOG College of Natural and Applied Sciences

UOG Marine Laboratory

UOG Marketing and Communications

UOG Sea Grant

NASA Guam Space Grant

NASA Guam EPSCoR

RIM Architects



RESEARCH CORPORATION OF THE UNIVERSITY OF GUAM

BOARD OF DIRECTORS

The Research Corporation of the University of Guam is under the management and control of a Board of Directors. Board membership includes representation from the UOG Faculty Senate, the UOG Board of Regents, the UOG Research Council, UOG senior administrators, and members representing the community at large.

Anita Borja Enriquez, D.B.A.

Chairperson / UOG President

Sharleen Santos-Bamba, Ph.D.

Vice Chairperson / UOG Senior Vice President
and Provost

**Randall V. Wiegand, MBA, CFE, CGFM, CPA,
CGMA, AIF**

Treasurer / UOG Vice President of Administration
and Finance and Chief Business Officer
(10/01/24-07/31/25)

Rachel Field

Interim Treasurer/Interim UOG Vice President
of Administration and Finance & Chief Business
Officer (08/01/25-09/30/25)

Christopher Rasmussen, Ph.D.

Secretary / UOG Faculty Senate Representative
(09/15/25-09/30/25)

Ryan Shook, MLS

Secretary (Former) / UOG Faculty Senate
Representative
(10/01/24-09/14/25)

Agapito "Pete" Diaz, P.E.

UOG Board of Regents Representative
(10/01/24-02/17/25)

Janice Malilay, DDS

UOG Board of Regents Representative
(02/18/25-09/30/25)

Joanna Chun, MBOE

UOG Board of Regents Representative

Laurie Raymundo, Ph.D.

UOG Research Council Representative

Artemio R.A. Hernandez, Ph.D.

Community Member Representative

Rachael Leon Guerrero, Ph.D.

Member / Dean, UOG College of Natural
and Applied Sciences

Joseph F. Ada

UOG Endowment Foundation Representative



PUBLISHED BY THE RESEARCH CORPORATION OF THE UNIVERSITY OF GUAM.

The University of Guam is a U.S. Land Grant and Sea Grant Institution accredited by the WASC Senior College and University Commission. UOG is an equal opportunity provider and employer committed to diversity, equity and inclusion through island wisdom values of *inadahi yan inagofli'e*: respect, compassion, and community.



LETTER FROM THE EXECUTIVE DIRECTOR

FY2025 was a year defined by extraordinary volatility across the federal government. Multiple continuing resolutions, delayed appropriations, shifting agency priorities, and intermittent shutdown threats created one of the most unstable federal funding environments in recent years. These national-level disruptions affected research institutions across the country, slowing award cycles, delaying project starts, and constraining expenditure timelines in ways that were largely outside of our control.

RCUOG felt this impact as several University of Guam projects experienced pauses, suspensions, delayed start dates, and in some cases, outright cancellations—none of which were the result of local performance or capacity. These interruptions required rapid adjustments, careful monitoring, and continuous communication with principal investigators and project teams. Despite these unexpected disruptions, RCUOG acted quickly to minimize operational impacts and help teams realign their plans and spending patterns.

Although total expenditures decreased slightly by 1.25% from \$26.29 million in FY2024 to \$25.96 million in FY2025, this modest shift must be understood in the context of these national disruptions. Our local operations remained strong, and every major RCUOG function continued to deliver reliable service despite the unstable federal climate.

More importantly, the underlying strength of UOG's research enterprise was demonstrated through significant growth in awarded funding. Total awards increased from \$107.8 million to \$130.3 million, a 21% increase, and the number of active awards rose from 171 to 218 by the end of the fiscal year. This expansion reflects the competitiveness of the University's researchers and the effectiveness of our post-award systems even during a year of federal turbulence.

A major focus of FY2025 was ensuring fiscal responsibility and prudent resource management. With federal agencies issuing unexpected changes and pauses, RCUOG prioritized responsible spending, strategic pacing of expenditures, and consistent financial plan updates to support principal investigators. We issued multiple fiscal guidance memoranda throughout the year to help research teams navigate uncertainty, adjust budgets, and

ensure continued compliance with federal expectations. This approach helped protect projects from over-commitment and kept financial management aligned with allowable costs and sustainability.

Throughout the year, RCUOG maintained uninterrupted operations across grants management, procurement, HR, accounting, and travel. Our staff worked diligently to support project activities despite fluctuating federal timelines. Procurement continued to move forward responsibly; hiring actions were supported within allowable budgets; and fiscal monitoring remained strong and transparent. The stability provided by RCUOG's internal teams helped ensure that UOG's research activities remained active wherever possible, even when external factors caused delays.

FY2025 was also a year of internal strengthening. RCUOG continued refining workflows, improving administrative clarity, enhancing financial oversight tools, and modernizing policy frameworks. These improvements, while not always visible externally, are central to ensuring that RCUOG remains well-positioned for future growth and can adapt quickly as federal conditions evolve.

This year demonstrated the depth of resilience within the University of Guam's research community. I extend my sincere appreciation to University leadership, our Board of Directors, principal investigators, and especially the RCUOG staff. Their professionalism and dedication ensured that, even through pauses, suspensions, shifting award cycles, and tightened budgets, RCUOG remained a stabilizing force for the University.

As we look to FY2026, we remain committed to responsible stewardship, operational excellence, and supporting the University's expanding research mission with stability, transparency, and adaptability.

Michael Conner
Interim Executive Director

KEY PERFORMANCE INDICATORS

FY2025 Compared to FY2024

\$25.96M

IN GRANT EXPENDITURES

1.25% decrease in grant expenditures despite multiple spending pauses & financial mitigation plans throughout the FY. RCUOG supported \$25,959,413 of expenditures in FY2025 compared to \$26,288,503 in FY2024.

27.49% 

INCREASE IN THE NUMBER OF GRANTS SUPPORTED

RCUOG's number of grants supported increased from 171 grants supported in FY2024 to 218 grants supported in FY2025.

229 EMPLOYEES

6.9% decrease in the number of employees compared to the prior year. As of September 2025, RCUOG employed 229 individuals on various grants compared to 246 employees in FY2024.

20.87% 

INCREASE IN TOTAL AWARD AMOUNTS OF GRANTS SUPPORTED

RCUOG's total grants portfolio managed increased from \$107,848,145 in FY2024 to \$130,352,701 in FY2025.

19 

STUDENT TRAVEL AWARDS

Travel Awards were given to University of Guam students to support travel to conferences, workshops, internships, and study abroad opportunities.

106.88% 

INCREASE IN TOTAL AWARD AMOUNTS FOR NON-GOVERNMENT GRANTS

In FY2025, RCUOG's private/other portfolio totaled \$4,944,382 in FY25 as compared to \$2,338,947 in FY2024.



THE RCUOG CORE TEAM | Front left to right: Danica Batac Samia, Accounting Analyst II; Raeanne Concepcion, Human Resources Specialist III; Precious Nagallo, Accounting Analyst I; Jayvee Cacal, Accounting Analyst I; Michael Conner, Interim Executive Director; Anthony Agustin, Accounting Analyst I; Sable Sablan, Human Resources Specialist I; Jammie Pamintuan, Accounting Analyst I; Engelica Ventura, Accounting Analyst II; and Jennifer Tanghal, Human Resources Specialist I.

PURPOSE

The purpose of this report is to capture a snapshot of the organization after its twelfth year of operation and to highlight how RCUOG supports research and outreach projects through its efficient processes, reporting, and engagement with overarching goals of the University of Guam.

FY2024 AUDIT

RCUOG activities and transactions were audited under the University of Guam's FY2024 audit. There were no findings for grant transactions supported by the Research Corporation, which indicates that RCUOG continues to utilize strong internal controls, which comply with federal regulations and its own policies. The FY2024 audit marked the eleventh consecutive year of no questioned costs. Successful audits are the foundation of UOG's and RCUOG's success.

CREDIT CARD AUDIT

In FY2024, the Office of the Public Auditor initiated its audit of RCUOG's credit cards. The audit is still ongoing, and results are pending.

REVENUE AND OPERATING EXPENSES

RCUOG has been self-sufficient since the end of FY2018 and relies on its own revenue generated through administrative fees and its share of indirect costs to support operations. In FY2025, RCUOG received 18% of the University of Guam's grant generated indirect cost revenue equating to \$845,179 and \$616,681 in administrative fees/ other revenue (charged to those projects that do not include indirect costs) for a total of \$1,461,861. RCUOG's operating expenses for the same period were \$948,864.

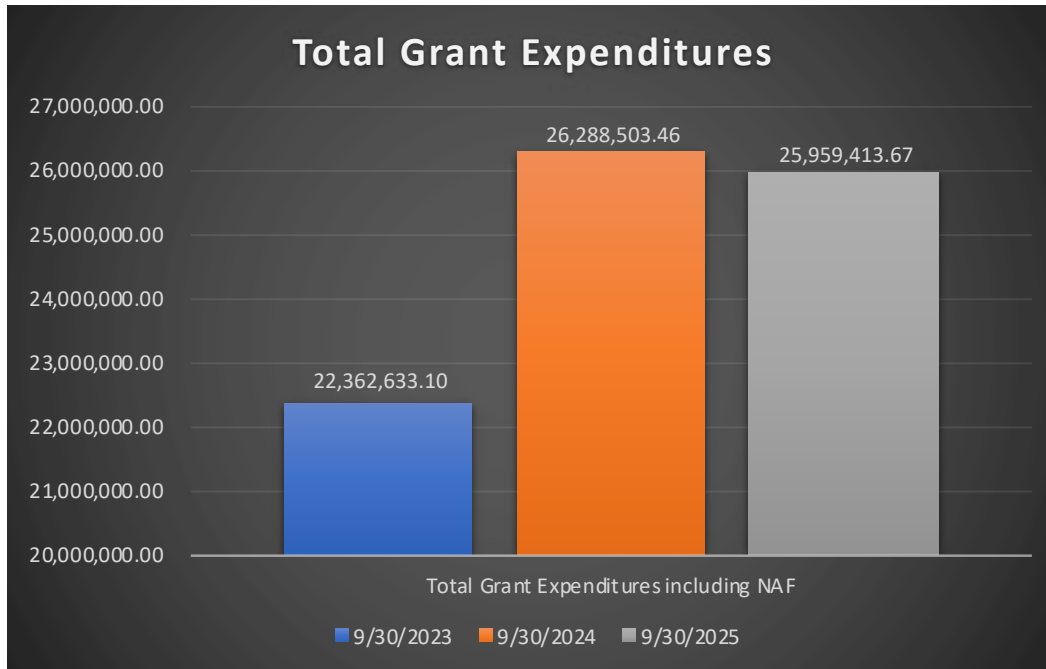
FY2025 ended with net revenue of \$512,996. Of this amount, a minimum of \$250,000 is committed to construction costs for the new Water and Environmental Research Institute facility and the Margaret Perez Hattori-Uchima School of Health Nursing Annex.

The RCUOG Board of Directors approved an expenditure of \$4M to support construction costs for the WERI and the Nursing Annex building project. To date, RCUOG has committed \$1.25M to the University of Guam leaving a balance of \$2.75M. RCUOG forecasts paying off its commitment in approximately six years.

The RCUOG core team consists of eleven full-time and 1 part-time employee. The core team is responsible for all human resources and financial transactions as well as federal financial reporting and compliance. Lack of office space hinders further expansion. RCUOG is still using manual processes for many transactions but are continuing to find and implement more automated and AI-related features into operations.



IN THIS PHOTO | *Tristan Quintanilla discusses watershed restoration with students at McCool Elementary School on Naval Base Guam as part of a Cooperative Ecosystems Studies Unit (CESU) outreach project.*



GRANT EXPENDITURES DOWN 1.25%

Total grant expenditures for FY 2025 were \$25,959,413 which is a decrease of 1.25% over the prior year's expenditures of \$26,288,503. Grant expenditures are a key performance indicator because they relate to the efficient and effective managerial environment at the Research Corporation. Considering the disarray in the federal government from several policy changes, grant cancellations, several self-imposed directives to ensure financial responsibility during uncertain times and more, a fractional decrease in expenditures showcases RCUOG's continuity and stability.

At the end of the fourth quarter, RCUOG provided support services to 218 different grants, which a large increase compared to 171 grants the prior year.

While total expenditures decreased by 1.25% percent, operational costs increased 10.85% primarily due to common salary increments and the significant rising costs of almost everything that arose from inflation, tariffs, or other reasons.. This data underscores RCUOG's elevated level of productivity.

HUMAN RESOURCES

RCUOG completed 392 personnel hiring actions in FY2025, compared to 515 in FY2024. This decrease reflects a combination of delayed federal awards, temporary project suspensions, and RCUOG's proactive use of hiring freezes during periods of national uncertainty. These freezes were deliberate, protective measures designed to safeguard resources and maintain organizational stability during a highly volatile federal funding cycle.

Importantly, RCUOG did not terminate any employees due to federal changes or funding disruptions. Instead, the organization focused on preserving existing positions, prioritizing essential roles, and pacing new hires responsibly as awards were delayed or placed on hold. Every adjustment made during the year was guided by fiscal discipline and a commitment to supporting ongoing research activities without disruption.

By the end of FY2025, RCUOG employed 229 individuals—138 full-time and 91 part-time, including 17 student employees. This represents a 6.91% decrease

from FY2024 and is attributed to natural attrition combined with moderated hiring activity, rather than any reduction-in-force measures. Despite a smaller workforce, RCUOG maintained full operational capability across grants management, HR, procurement, travel, and fiscal services.

Through disciplined planning, clear communication, and strong internal processes, no major research program experienced staffing-related disruptions. The organization’s ability to navigate these challenges while protecting its workforce underscores RCUOG’s resilience, responsibility, and commitment to supporting the University’s research mission.

PROCUREMENT TRANSACTIONS

The number of procurement transactions—including purchase orders, contracts, and travel authorizations remained steady in FY2025 compared to previous years.

In FY2025, significantly greater emphasis was placed on allowability and compliance. With uncertainty surrounding the longevity of several grants, RCUOG faced internal deliberations about whether to accelerate spending before potential terminations or adopt a more conservative approach. RCUOG ultimately chose to

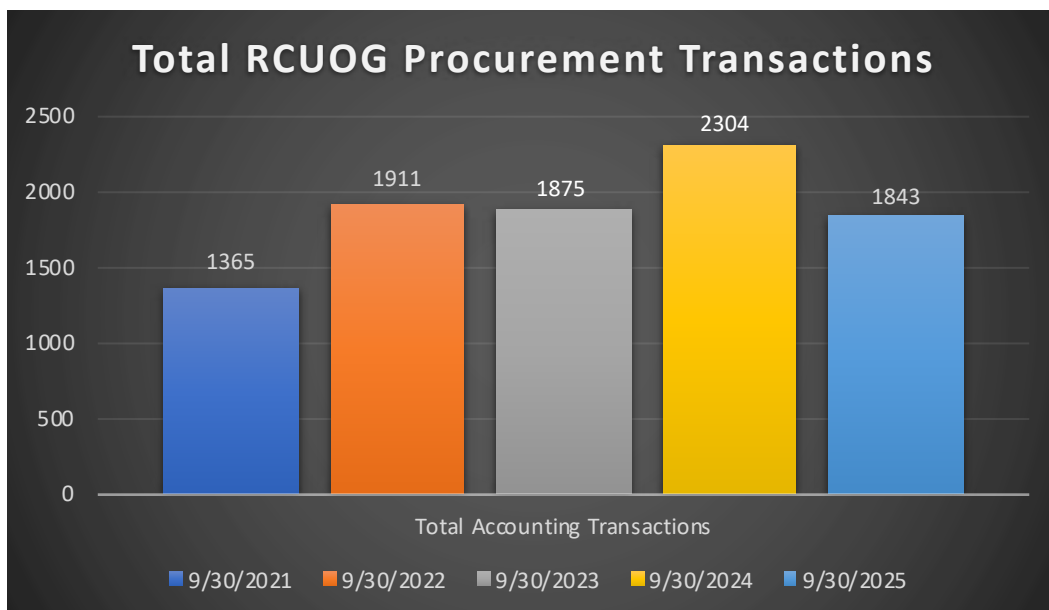
prioritize fiscal responsibility and caution.

Throughout the year, numerous financial mitigation strategies were implemented in response to grant pauses, early terminations, and broader federal uncertainties. These factors had a substantial impact on operations. Procurement transactions decreased by 20% in FY2025 compared to FY2024. Travel activities were particularly affected, as federal agencies canceled or sharply reduced their participation in travel-related meetings, conferences, and similar events.

A five-year comparison of RCUOG procurement transactions is presented below:

Despite the challenges, both those within RCUOG’s control and those driven by external federal shifts, RCUOG remained steady and resilient. The procurement team continued to deliver timely service, completing purchase orders in FY2025 within an average of three working days from receipt of complete documentation.

This performance metric will continue to be monitored as RCUOG implements organizational and technological improvements aimed at creating a more efficient and responsive procurement process.

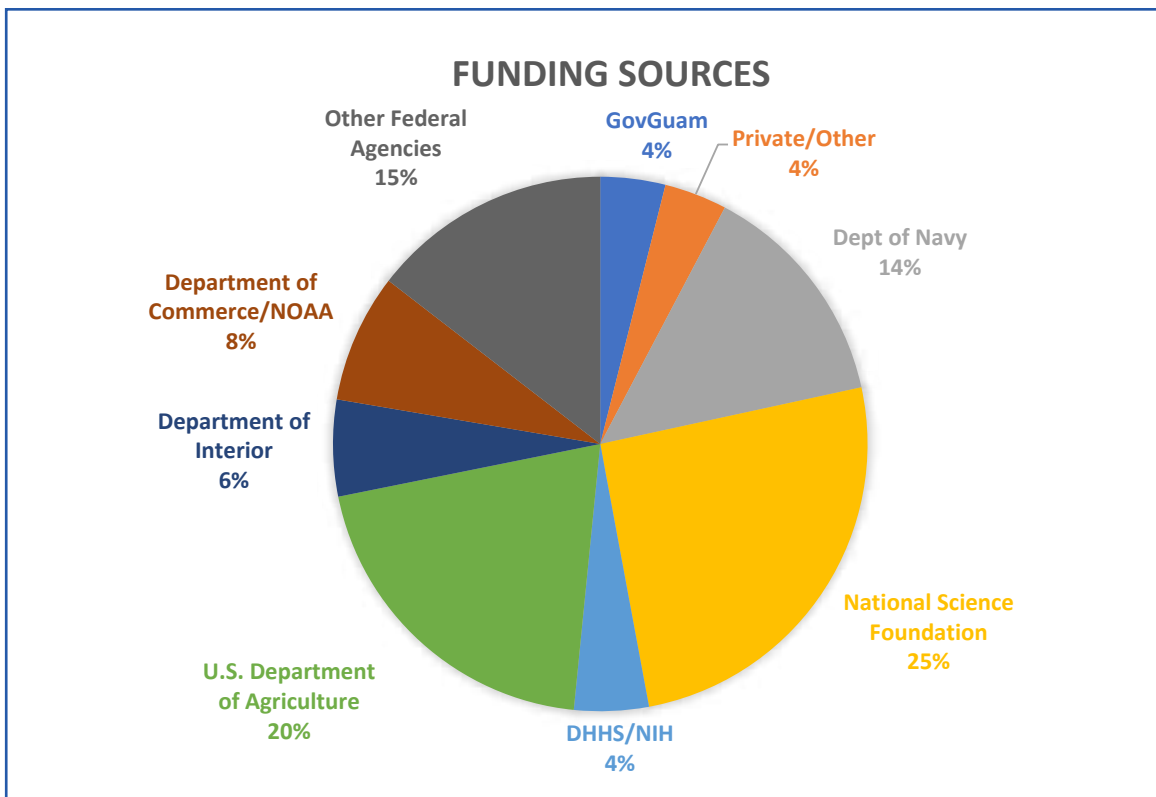




FOCUS ON RESEARCH

The chart below provides a breakdown of grants supported by RCUOG by funding category. Federal agencies, Government of Guam agencies, non-profit foundations, and the private sector partner with the University of Guam and RCUOG to produce research and service outcomes. The Research Corporation, with a focus on efficiency, provides support to scientists who pursue research projects that have a direct, positive, and lasting impact on Guam and the region.

IN THIS PHOTO | *Brian Anderson is measuring a *Phyllanthus saffordii*, an endangered savanna species, at the Island Conservation Lab's nursery.*





CONSTRUCTION NEAR COMPLETION ON WERI BUILDING AND NURSING ANNEX

The US Department of Commerce Economic Development Administration awarded \$12,839,777 to the University of Guam for construction of Water and Environmental Research Institute of the Western Pacific facility and the Margaret Perez Hattori-Uchima School of Health Nursing Annex. This amount was matched by \$8.9M of UOG, RCUOG, and Endowment Foundation funds. An additional \$2.5M from the Department of the Interior, which was authorized by Governor Lou Leon Guerrero, brings the project total to \$24,283,216.

The groundbreaking ceremony for both buildings was held in November of 2023, and construction began the following year. As of November 2025, the WERI building was 82% complete and the Nursing building is 89% complete. The WERI building is a three-story 13,017 square foot facility with a Water Quality Lab, various research and instructional laboratories, classrooms, and offices, while the Nursing Annex is a two-story 11,960 square foot facility with a ten-bed teaching laboratory and four large classrooms. The project reflects an investment in STEM education, research on Guam's freshwater resources, and the development of Guam's professional workforce.

Teamwork across the campus brought this project through to fruition under the leadership of Presidents Dr. Anita Borja-Enriquez and Dr. Thomas

Krise, and Vice President Randall Wiegand and his teams at the Procurement Office and Business Office, with special thanks to Wilfredo Magdalera. Retired RCUOG Executive Director Cathleen Moore-Linn, along with the UOG Endowment Foundation Board and Executive Director Katrina Perez, played an instrumental role in providing funding for the project. The Director of Facilities Management Systems, Zenon Belanger, managed construction with support from Project Coordinator Sandra McDaniel. WERI Directors Dr. John Jenson, Dr. Ross Miller, and Dr. Yuming Wen, along with faculty and staff, with special thanks to Dr. Nathan Habana, Dr. Barry Kim, and Mallery Duenas, assisted with the grant preparation and conferred with the architects on design. Dr. Margaret Perez Hattori-Uchima, Dr. Kathryn Wood, Jonathan Nyguen, and John Michael Pineda from the School of Health worked on the grant submission and conferred with the architects on design, while Dr. Yvette Paulino offered post award guidance. UOG General Counsel Anthony Camacho worked with the US Economic Development Authority on the various project related legal documents, and his work has been invaluable. Kudos to our contractor PFM, led by Rob Salas and Philsan Kim, as well as RIM Architects Brent Wiese, Phil Noret, and Inna Wiese. These individuals and many others helped to bring this project through to construction. We look forward to the ribbon cutting.

POLICIES

In FY2025, RCUOG advanced several major governance and workforce initiatives to strengthen its financial stability, compliance posture, and operational capacity. We implemented a formal Reserve Expenditure Plan to responsibly allocate prior-year reserves, updated the Administrator Pay Scale, and aligned our Travel Policy with federal standards to ensure clarity, equity, and audit readiness. We expanded our employee certification incentive program to build internal expertise in grants, procurement, HR, and finance, and we updated the Employee Handbook to better reflect current policy and organizational needs. Collectively, these actions reinforced RCUOG's fiscal responsibility, supported staff development, and enhanced our ability to manage UOG's growing and increasingly complex research portfolio. Policies adopted in FY2025 include:

- 25-01 Approving the FY 2024 Reserve Expenditure Plan
- 25-02 Amending the RCUOG Administrator Scale
- 25-03 Amending the RCUOG Travel policy
- 25-04 Approving an Incentive for RCUOG Employees Who Earn Procurement, Grant or HR Certifications
- 25-05 Amending the Employee Handbook
- 25-06 Amending the RCUOG Travel Policy



IN THIS PHOTO | G3 member and volunteers planting tree seedlings during an outplanting event.

GUAM AQUACULTURE DEVELOPMENT AND TRAINING CENTER

RCUOG issued a lease to CoreSeed to operate the Guam Aquaculture Development and Training Center (GADTC) in January of 2020 which resulted in the University of Guam's first public-private partnership. RCUOG continued its partnership with CoreSeed in FY2025. Special thanks to the guidance of Dr. Frank Camacho and Dr. Rachael Leon Guerrero, of the College of Natural and Applied Sciences.

FINANCIAL STATEMENT

REVENUE & EXPENSE (Unaudited 9/30/25)

REVENUE & OTHER ADDITIONS

| | |
|-------------------|---------------|
| Federal Grants | 21,673,340.93 |
| GovGuam Grants | 1,278,288.00 |
| Private Grants | 1,327,270.41 |
| Miscellaneous | 3,014,474.99 |
| Transfer from UOG | 224,019.17 |

TOTAL REVENUE & OTHER ADDITIONS 27,517,393.50

EXPENDITURES AND OTHER DEDUCTIONS

| | |
|----------------------|---------------|
| Salaries | 10,757,918.12 |
| Fringe Benefits | 1,454,084.17 |
| Travel On/Off Island | 1,252,585.67 |
| Contracts | 4,244,151.32 |
| Supplies | 1,037,821.89 |
| Equipment | 420,343.74 |
| Capital Outlay | 742,429.25 |
| Miscellaneous | 6,052,509.70 |

TOTAL EXPENDITURES 25,961,843.86

| | |
|-----------------------------|--------------|
| Increase/Decrease this Year | 1,555,549.64 |
| Net Assets Beg. | 4,888,193.14 |

NET ASSETS END 6,443,742.78

BALANCE SHEET (Unaudited 9/30/25)

ASSETS

| | |
|----------------------|--------------|
| Cash in Bank | 689,984.86 |
| Account Receivables | 5,950,275.58 |
| Advances to Supplier | 78,238.10 |
| Advances to Traveler | 94,542.20 |

TOTAL ASSETS 6,813,040.74

LIABILITIES & NET ASSETS

| | |
|------------------------|--------------|
| A/P Contracts | 7,290.71 |
| Accrued Payroll | 6,381.79 |
| Due to/fr Unrestricted | (95,160.85) |
| Deferred Revenue | 450,786.31 |
| Net Assets End | 6,443,742.78 |

TOTAL LIABILITIES & NET ASSETS 6,813,040.74



TRAVEL GRANTS

RCUOG offers travel awards to students using mileage accrued from purchases made with the RCUOG official credit card in accordance with Public Law 32-019. RCUOG management and staff are delighted to play a small part in supporting students' academic endeavors. RCUOG distributed 19 travel awards in 2025 and a total of 121 awards since the program was launched in 2017. University of Guam students received Research Corporation of the University of Guam (RCUOG) travel awards to support travel to research conferences, international exchange programs, and other activities that enhance their academic experiences.

Trevor Ho continued his student exchange studies at Aoyama Gakuin University from September 2024 to February 2025 where he continued to develop skills needed for his major and conduct his own research.



Ashley Castro, a graduate student, attended the Reef Futures in Mexico in December 2024 where she presented her thesis research and gave her the opportunity to contribute meaningfully to global coral restoration efforts while directly benefiting the Pacific region.



Daniel Urbano and Makayla Dela Cruz travelled at the end of October 2024 to attend Society for Advancement of Chicanos/Hispanics & Native Americans in Science (SACNAS) at Phoenix, Arizona and both presented their poster presentation.



Graduate students, **Aurienne Cruz and Cabrini Aguon**, attended and presented their poster presentation at the Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS) in Pittsburgh, Pennsylvania in November 2024.



Nonilon Santos and Gary Crisostomo attended the annual Pacific Region Investment Conference organized by the Asia Pacific Association for Fiduciary Studies (APAFS) in November 2024, located in Manila, Philippines.



Denzyl Ngiralmu and Keana Mesubed travelled to Cebu, Philippines in March to participate in the International Conference on Business, Economics, and Information Technology (ICBEIT).



Shanice Castro and Frances Pakingan

represented the University of Guam (UOG) at the 2025 National Blue Key National Leadership Conference in Arizona in January. Both students learned valuable leadership skills that will help them excel in their role as officers of the Blue Key Honor Society.



Tyra San Nicolas participated in a month-long study abroad program called the Keith Sherin Global Leaders Program in The Hague, Netherlands. The program allowed her to connect with other students across the world to study global sustainability, peace, and justice.



Lauren Villanueva, a graduate student majoring in Clinical Psychology, presented at the International Graduate Student Conference in Hawaii in February that allowed her to accomplish the most important step of research by sharing her findings.



Jan Malig-on was awarded to attend the STEP-UP Program in Chicago, but had a last-minute program cancellation. However, Jan was still able to travel to Chicago in June to meet with her mentor to gain the full research experience she hoped for through the STEP-UP Program.



Graduate student, **Michael Cajigal**, traveled at the end of April to Chicago to present at the American Association for Cancer Research (AACR). Michael's research focused on understanding the intersection of social determinants of health and cancer prevalence, particularly within underserved Pacific Islander communities.



Cecilia Pangelinan participated in the AAACU Student Enrichment Program 2025 that was hosted at the University of Eastern Philippines, Catarman, Philippines from July to August.



Kyra Dela Cruz, a pre-optometry student at the University of Guam and founder of the Pre-Optometry Professional Society, attended an Eye-CARE Summer Camp in New York, which was a three-day program hosted by the SUNY College of Optometry.



Noah Somera will be traveling to Tokyo in December to present a paper co-authored with Dr. Kirk Johnson titled "Islands at the Crossroads: Human Ecology and Sustainability in the Mariana Islands" at the International Conference on Environmental Sociology and Societal-Environmental Interactions (ICESSEI-25).



LIST OF GRANTS AND CONTRACTS

1. Palau Action Framework Coordinator
2. 2018 Guam Forestry Watershed Restoration Project
3. 2022-2023 Sea Grant Omnibus Support
4. 2023 Guam Strategy Energy & Action Plan
5. 2024 Biosecurity Training
6. 2024 National Oceanic and Atmospheric Administration Sea Grant Knauss Fellowship Program
7. 4-H and Youth Development Year Long Membership Program; STEAM Life Long Learning
8. Addressing the Hidden Curriculum to Improve Access to Graduate Programs
9. AIM-AHEAD AIRE Predicting Lung Cancer
10. American Samoa Small Business Development Center Network (CY2024)
11. American Samoa Small Business Development Center Network (CY2025)
12. AQI Invasive Ants Survey
13. Archeological and Geophysical Investigation of Coastal Units of War in the Pacific National Park System
14. Atantano: Reviving historical and biological connections with the land
15. Automated science to management frameworks to improve coral reef resilience and fisheries in Micronesia SIDS
16. Biomonitor Support for Natural Resource Management at JRM AOR
17. Brown Tree Snake Control at War in the Pacific National Historical Park
18. BrownTree Snake 2024
19. Building Coral Resilience and Facilitating Post Bleaching Recovery
20. Butterfly & Snail Monitoring
21. Carbon Credit Certification Project
22. Chamoru Language and Culture Researcher Training Program
23. CHAMPS National
24. CHLA Adolescent Health and Equity Innovation Hub
25. CIS SG UVI NSF Includes SEA, NSF Includes: Supporting Emerging Aquatic Scientists (SEAS) islands Alliance
26. CIS-ECASU-GCSO Consortium for Sustainability Outcomes
27. Citrus Pest Survey
28. CNAS-United States Department of Agriculture BIOCONTROL AGENTS
29. CNAS-United States Department of Agriculture Forest Inventory & Analysis 2025
30. CNAS-United States Department of Agriculture Forest Service: Tropical Forest Ecology
31. CNMI National Honey Bee Survey
32. Collaborative: Implementation Grant: Navigating Home
33. Controlling edaphic factors for outplanting success and genetic mixing research for inter-island *Serianthes nelsonii* recovery
34. Controlling Electrochemical Reactions
35. Cooperative Agricultural Pest Survey Asian Citrus
36. Cooperative Agricultural Pest Survey Citrus Pests
37. Cooperative Agricultural Pest Survey Fire ants
38. Cooperative Agricultural Pest Survey Honey Bee
39. Cooperative Agricultural Pest Survey Nursery Survey
40. Cooperative Ecosystem Studies Unit COTS
41. Cooperative Ecosystem Studies Unit ESA-Listed Species Surveys and Plant Propagation
42. Cooperative Ecosystem Studies Unit JRM Natural Resources Stewardship Outreach & Public Engagement Program
43. Cooperative Ecosystem Studies Unit Monitoring of Invertebrates Listed Under the Endangered Species Act
44. Cooperative Ecosystem Studies Unit *Serianthes nelsonii* Propagation, Maintenance and Monitoring
45. Cooperative Ecosystem Studies Unit Stewardship and Public Engagement Program
46. Cooperative Ecosystem Studies Unit Vegetation Reforestation on AAFB
47. Coral Reef Monitoring Support
48. COTS-Pilot Study to Implement a Crown of Thorns outbreak Mitigation plan in Guam Micronesia



IN THIS PHOTO | *Joey Certeza and a Guam Green Growth Conservation Corps (G3CC) member extract otoliths (fish ear bones) from a surgeonfish during a life history workshop led by Dr. Brett Taylor.*

49. Course in Tropical Forest Ecology of the Mariana Islands
50. CRB Management, Palm Tree Pesticide Injection
51. Creating Protocols for Safeguarding the Ecosystem Services Post-Disturbance
52. Creation of a Cooperative BS Degree Program for the Marianas Islands and Beyond
53. Critical Evaluation of Restoration of Staghorn Acropora Population
54. Crossing (N)Oceans, Bridging Worlds: Cultivating Change Agents Through Empowered Mentoring
55. CZM Inflation Reduction Act - Hydrologic and Hydraulic Analysis
56. Department of Agriculture - United States Department of Agriculture 2020 Guam Forest Action Plan Update
57. Developing a Certification Program in Forest Conservation and Management in Micronesia
58. Developing Chamoru Language Infrastructure
59. Developing Economic Sustainability and Viability of Value-added on Guam
60. Development of Online Courses in Tropical Wildlife Management
61. Development of the Guam Reef Fisheries Management Plan
62. Diabetes Surveillance to Examine Health and Nutrition Access & Availability (DISEHA)
63. Economic Statistics, Recovery and Development
64. EDUC Stabilization Fund ESF
65. Elevating Guam's Aquaculture Prosperity through Strategic Marketing Initiatives
66. Endemic and Endangered Plant Partnership Program (Taiparehu)
67. Engaging Guam Residents to Reduce Land Based Sources of Pollution and Promote Habitat Restoration for Coral Health
68. Enhancing Monitoring Efforts to Increase Success of Coral Reef Restoration on Guam Project
69. Enhancing Vespa Tropica Detection and Survey Tools
70. EPSCoR NSF E-CORE RII: Optimizing Research Infrastructure in Guam
71. E-Rise II: Advancing Sustainable Development Opportunities for Guam Research Ecosystem (ASDOGRE)



IN THIS PHOTO | Program Manager Vince Fabian is extracting mycorrhizae from Guam’s soils as part of a soil course with the University of Florida to improve reintroduction success of endangered flora.

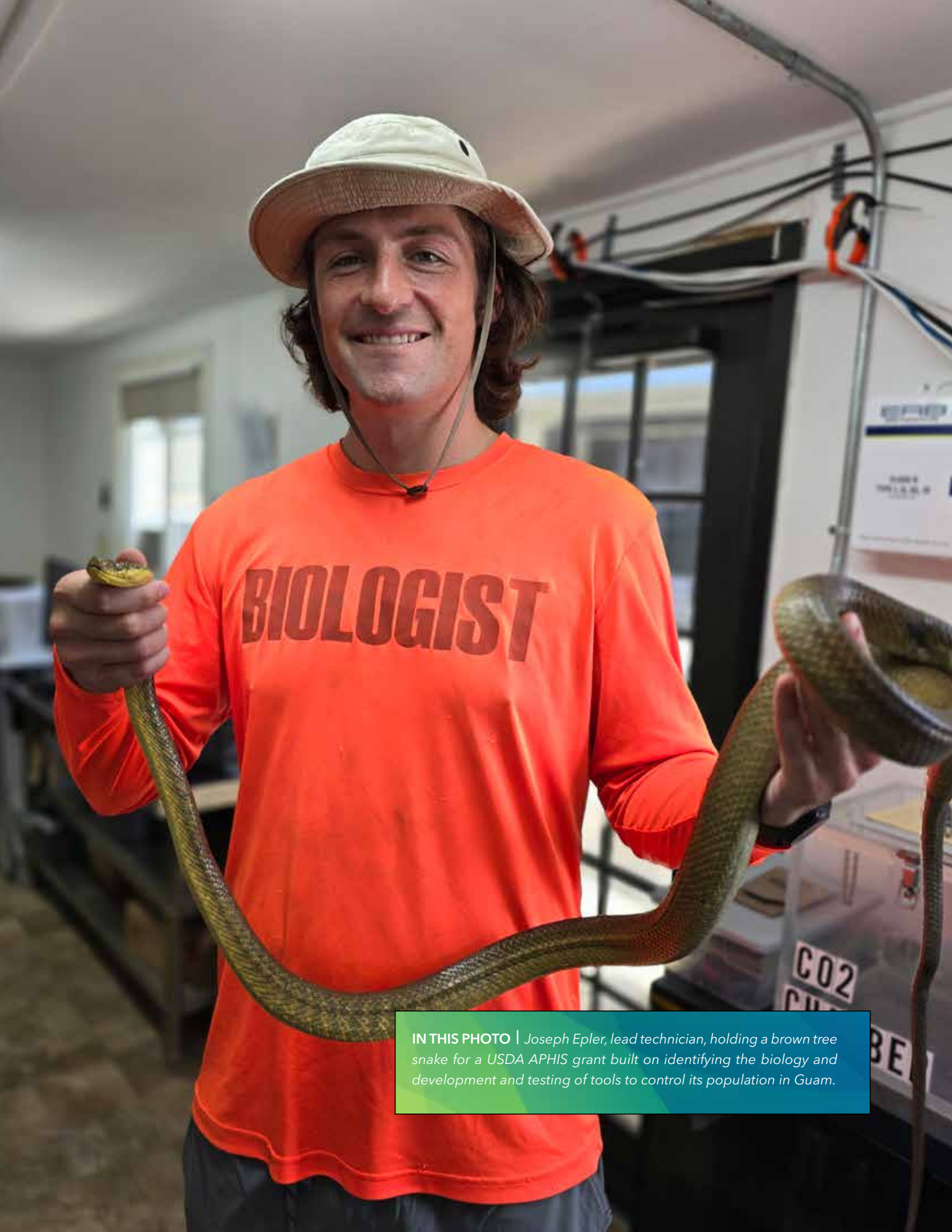
LIST OF GRANTS AND CONTRACTS (cont.)

- | | |
|---|---|
| <ul style="list-style-type: none"> 72. Erosion control and revegetation under GROW program 73. Erwinia Survey and Development of a Rapid Detection Assay 74. Establish Guma’ Tinemtom to support population health research through island wisdom 75. Establishing An Educational Pipeline to Strengthen The Meat Poultry Processing Industry Workforce in Guam 76. Expanding Access to Micronesian Studies through Online Humanities Education 77. Explore New Coral Engineering Methods to Enhance Coral Reef Restoration in Guam 78. FAFSA Access Initiative (AI) 79. Feral Swine Exclusion Fencing Cost Share Program 80. Five Future Trainers - FCAG 81. Forest Health Technical Assistance for the RMI 82. Forest Inventory and Monitoring Program in the Pacific Islands (FIA 2023) | <ul style="list-style-type: none"> 83. Fruit Bat Monitoring on AAFB 84. Fuetsan Manhoben, Guam’s Evidence-Based Programs for Youth ENDS Use 85. FY2025 Guam Green Growth Special Appropriation 86. G3 Educ Marketplace and Innovation 87. G3 Grow Malu Program 88. G3 Guam Economic Development Authority Circular Economy 89. Getting Guam Healthy MOU with DPHSS “Walk to Wellness Program” 90. GU FY2024 PPA Solanaceous Commodity 1S.054 91. GU FY24 PPA Combined Pathway Pests Multi 92. GU FY24 PPA CRB Management & Mitigation 6R.034 93. GU FY26 PPA Solanaceous Commodity 1S.045 94. Guam Biosecurity Training |
|---|---|

95. Guam Cancer Registry 2022
96. Guam Cancer Registry 2023
97. Guam Cancer Registry 2024
98. Guam Cancer Registry 2025
99. Guam Climate Leadership Grant
100. Guam Climate Pollution Reduction Planning
101. Guam Community of Aquaponic Practitioners (G-CAP)
102. Guam Community Change Workforce Development Program
103. Guam DOAG Farm and Ranch Stress Assessment and Support
104. Guam Ecosystems for Corals and Oceans
105. Guam Green Growth (G3)
106. Guam Green Growth (G3) Thriving Natural Resources (TNR) Support Project
107. Guam Green Growth Renewable Energy Project and Energy Audit of Government of Guam Buildings
108. Guam National Honey Bee Survey
109. Guam Ports of Entry Coconut Rhinoceros Beetle Management Plan
110. Guam Ports of Entry Coconut Rhinoceros Beetle Management Plan
111. Guam Restoration of Watershed Initiative Uguum Restoration Phase II
112. Guam SRAE Project
113. Guam Three Year State Professional Development Program Plan FY2024-2026
114. Guam Wildlife Action Plan
115. Guam's Upgrowing Agriculture Markets (GUAM) Developing Profitable Local Food Markets & Sustainable Agriculture Island Economy For Small Island Economy
116. Hanom Fresku: A cross-disciplinary study of coastal freshwater discharge hydrology and near-shore and coastal ecology
117. Hawaii Space Grant Consortium 2020-2024
118. Holistic Heritage of the World War II Chuuk (Truk) Lagoon Battlefield
119. Hydrological Assessment and Monitoring of Yona Solar Farm Construction Impacts on Ylig River, Water Quality
120. Identifying key Reef Sites for the Management and conservation of Coral Genetic Diversity and Resilience
121. IHBEM Multidisciplinary Analysis of Vaccination Games of Equity (MAVEN)
122. Implementing the Introduction and Establishment of Black Pepper Seed Stock for Local Producers on Island Project
123. Improvement of Plant Pathology Research Lab and Plant Pathology, and Student Nursery Spaces at the University of Guam
124. Improving Hot Pepper Production of Increasing Value-Added Products in Guam
125. Increasing Aquaculture Capacity in Guam
126. Increasing Capacity of Aquaculture Farmers in Guam with On-Farm Hatchery Demonstration for All-Male Tilapia Production
127. Information Network for Sustainable Pacific Islands Research and Education (INSPIRE) Project
128. Integrated Pest Management for CRB Mitigation and Interdiction at Guam's POE
129. Invasive Species Detector Dog Pilot Program
130. Island Wide Habitat Conservation Plan (HCP)
131. Knauss Fellowship 2025 - University of Guam Sea Grant
132. KUPU's AmeriCorps Program in Guam and CNMI
133. Local 2030 Network Islands Project: Guam Sea Grant
134. Longterm Coral Reef Ecosystem Monitoring at Joint Region Marianas Administered and Leased Submerged Lands
135. Maintenance and Upgrade of the Water Quality Lab
136. Mapping and Prioritizing Potential Privately-Owned Forest Stewardship Lands - Guam
137. Marine Biodiversity Survey at Joint Region Marianas Administered and Leased Submerged Lands
138. Mathematical Sciences Program University of Guam - Game Theory, Graph Theory, and the Magic of Coding
139. MCT Year 1 - Strengthening the adaptive capacity of communities by increasing the protection of their coral reef ecosystems through a resilience-based, science-to-management approach across the Micronesia Challenge region
140. MCT Year 2 - Strengthening the adaptive capacity of communities by increasing the protection of their coral reef ecosystems through a resilience-based, science-to-management approach across the Micronesia Challenge region
141. Micronesia Capacity Building/Livelihood
142. Micronesian Regional Identification Network using imaging for pest and pathogen detection
143. ML DOAG Coral Reef Education
144. Molecular Research to Support Response for Invasive Hornets

LIST OF GRANTS AND CONTRACTS (cont.)

145. MOU between Proferre, Inc and UOG RCUOG
146. MRI: Track 1 Acquisition of 250kN-capacity Universal Testing Machine (UTM) to Enhance Research and Education at the University of Guam
147. NASA EPSCoR Research Infrastructure Development Program
148. National Association of Conservation Districts REPI
149. National Institute of Food and Agriculture 2023 RIAA Instruction
150. National Institute of Food and Agriculture 2023 RIAA/AGFEI Equipment
151. Naval Base Guam, Joint Marianas Area of Responsibility, Kitsugawa Maru Archeological Documentation (SfM) and Biological Characterization
152. NMC Insect Collection
153. Novel bio-optical tools for scaling up coral restoration practices in cooperatively managed reef systems in the Pacific
154. NSA Math REU: Game Theory and Graph Theory
155. NSF INCLUDES "NSF Inclusion Across the Nation of Communities of Learners in Underrepresented Discoverers in Engineering and Science (INCLUDES): Supporting Emerging Aquatic Scientists Island Alliance"
156. ORSP Cooperative Ecosystem Studies Cycads
157. ORSP-CIS GROW UGUM RESTORATION
158. ORSP-Cooperative Ecosystem Studies Forest Bird
159. ORSP-UH Food System Resiliency for CHL
160. Pacific ADA Center
161. Pacific Consortium SRAE Project
162. Pacific Consortium2 SRAE Project
163. Pacific Consortium2 SRAE Project
164. Pacific Consortium2 SRAE Project
165. Pacific Island Climate Science Center Graduate Scholars and Summer Undergraduate Research Fellowship programs
166. Pacific Island Partnership for Cancer Health Equity (PIPCHÉ)
167. Pacific Island Partnership for Cancer Health Equity (PIPCHÉ) - Subaward
168. Pacific Islands Climate Adaptation Science Center (PI-CASC)
169. Pesticide Safety Education for Pacific Island Educators and Stakeholders
170. PFM Contract- Granite Obayashi, Hensel Phelps, SWCA, Granite Obayashi, and EA Engineering
171. PICASC Coral Reef Bleaching Events
172. PL 35-99 Guam Green Growth (G3) Initiative - Special Appropriation
173. PL 37-42 FY24 Guam Green Growth (G3) Initiative
174. Plant and Invertebrate Surveys JRM Area of Responsibility as Specified on Guam and CMNI
175. Port Forest Pest
176. Predicting and Managing the Future of Onegeim'Ŧketau (Jellyfish Lake), Palau in a Changing Climate
177. Promoting Beginning Farmer Training
178. Rapid Response BTS
179. Research Corporation of the University of Hawaii - Pacific Islands Ocean Observing System
180. RCUOG-Department of Interior Coral Recovery
181. REPI Evaluating Watershed Management and Restoration Success
182. Research and Rapid Response to Control the Brown Tree Snake on Guam, Prevent Introduction to Other Islands, and Mitigate its Impacts to Military Readiness in the Pacific Region
183. Restoring Staghorn Corals and Ecosystem Services on Reef Flats in Guam
184. Restoring Watersheds through Agroforestry to Improve Erosion Control in Guam
185. RIAA: Developing Multidisciplinary Research Opportunities at UOG
186. RISC Support at UOG
187. Sea Grant Omnibus (2024-2027)
188. Sea Turtle Aerial Surveys in Farallon De Medinilla (FDM)
189. Sea Turtle Monitoring, Projection, and Educational Outreach on Andersen Air Force Base (AAFBB)
190. Serianthes nelsonii Germination, Outplanting, and Maintenance
191. Serianthes nelsonii Monitoring AFB
192. SG-SDSU EPA Environment Justice (Special Purpose Activities Related to Environmental Justice)
193. Small Business Development Centers -



IN THIS PHOTO | *Joseph Epler, lead technician, holding a brown tree snake for a USDA APHIS grant built on identifying the biology and development and testing of tools to control its population in Guam.*

LIST OF GRANTS AND CONTRACTS *(cont.)*

- American Samoa
194. Smart Commodities and Practices to Reduce Greenhouse Gas Emissions in Pacific Island Agriculture and Forestry Systems
 195. Solar Power Renewable Energy Project Along Cross Island Road
 196. Strengthening and Enabling the Micronesia Challenge 2030, GEF7 International Waters Project funded by Stanford University
 197. Strengthening the Cyberinfrastructure Professionals Ecosystems
 198. Strengthening the Micronesia Coral Reef Monitoring & Management Networks to Mitigate Climate Change
 199. Support for PaOLOOS Mission on Guam
 200. Supporting and Expanding Coral Restoration in Guam, Micronesia
 201. Supporting Fisheries Management Plans for Surgeonfishes and Parrotfishes on Guam
 202. Technical Assistance Program Establishing the Artifact Maintenance Program
 203. Technical Assistance Program Campus Security
 204. Technical support to Use of Ocean Energy Systems to Sustain an Aquaculture Ecosystem on Guam
 205. The Pacific RISA Phase IV: Building Equitable and Just Climate Solutions for Pacific Island Resilience to Compounding Disasters and Extreme Events
 206. The Promotion of Heat Stress Awareness and Animal Nutrition for Egg and Hog Production on Guam
 207. Tungo'l Tano': Engaging Guam's Producers, Cultivating Conservation
 208. Understanding Community Perception Around Ocean Renewable Energy
 209. United States Department of Agriculture Brown Treesnake Research Support
 210. United States Department of Agriculture Forest Service, National Woodland Owner Survey (SWOS)
 211. United States Department of Agriculture VRT Ag & Food
 212. University of Guam: Shutter Project
 213. US Affiliated Pacific Island Pacific Regional Central Cancer Registry
 214. Water Quality Monitoring on Joint Region Marianas Submerged Lands Guam
 215. Western Regional Agricultural Stress Assistance Program (WRASAP)
 216. WSARE State Implementation for Guam
 217. Yo'Amte Plant and Healing

ABOUT THE BACK COVER PHOTO
Guam Restoration of Watersheds (GROW) volunteers plant tree seedlings during the annual outplanting event at the Ugum project site to help reduce erosion and sediment runoff from entering nearby streams.





RESEARCH CORPORATION
OF THE UNIVERSITY OF GUAM

