



Office of Research & Sponsored Programs

FY 2022 ANNUAL REPORT

A horizontal bar composed of five colored segments: yellow, teal, purple, gold, and blue.

Extramural Grant Awards, FY 2012 - 2022

Scholarly Publications, CY 2021 - 2022

IRB Listing, CY 2022

Office of Research & Sponsored Programs

FY 2022 ANNUAL REPORT

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Message from the President of the University of Guam **Dr. Anita Borja Enriquez**



Håfa Adai!

Congratulations to the University of Guam's Office of Research & Sponsored Programs for another robust year. Our University's research endeavors span a wide spectrum of critical areas, all of which contribute significantly to the betterment of our community and the preservation of our unique environment. The University of Guam remains steadfast in its mission to foster innovation and discovery in service to our island, our region, and the global community.

Research grant funding awarded in Fiscal Year 2022 reached \$29.21 million, the highest on record notwithstanding the pandemic-specific grant funding in the prior two fiscal years. The previous record-high before the pandemic was \$23 million in Fiscal Year 2017.

These grants allow UOG to continue building our growing reputation and as a research university centered on island wisdom. The University aims to expand the diversity of our research projects to include alternative energy, workforce development, address critical needs of our island environment, and more.

UOG achieved another milestone in 2022. Our Sea Grant program achieved institutional status, opening the doors to additional research and service opportunities for Guam and the region.

None of our accomplishments over the past year would have been possible without the dedication and support of our administrators, faculty, staff, and students working in the Office of Research and Sponsored Programs and our many community partners. Together, we are shaping a brighter future for Guam and beyond.

As we reflect on the past year's achievements and look forward to the opportunities that lie ahead, I extend my deepest gratitude to all those who have contributed to our success. Your support and commitment to the University of Guam's research mission are invaluable.

I am excited about our future as we continue to push the boundaries of knowledge and make a meaningful difference in the world. Together, *tulos mo'na* (propelling forward in unison), we are building a legacy of research excellence that will benefit generations to come.

Biba ORSP! Biba UOG!

Si yu'os ma'ase,

A handwritten signature in black ink, appearing to read 'Anita Borja Enriquez', written over a thin horizontal line.

Anita Borja Enriquez, D.B.A.

President
University of Guam

Message from the Vice Provost of Research & Sponsored Programs **Dr. Rachael T. Leon Guerrero**



Håfa Adai!

FY2022 has been a year marked with great accomplishments. I would like to commend our faculty and staff for their hard work, resiliency, and dedication that has kept the University research efforts on a steady upward trajectory over the last few years despite significant challenges posed by our economic situation.

Research is an integral part of our mission, as UOG is a (USDA) Land Grant university. UOG's researchers from the various research units, including the Marine Lab, WERI, WPTRC, CEDDERS, CIS, and MARC, continue to support UOG's Para Hulo strategic initiative of "being recognized as a RESEARCH UNIVERSITY centered in island wisdom", through our diverse research portfolio. UOG recently acquired (NOAA) Sea Grant Status, and we anticipate this will continue to provide even more opportunities for UOG to reach more stakeholders through research and outreach.

Our university holds an impressive national standing for an institution of our size. In the latest data released from the National Center for Science and Engineering Statistics, UOG ranks in the top 43% of institutions for total grant-funded research and development expenditures.

We are pleased to report that continued progress has been made in our research efforts, and this has been another great year for research and scholarly achievements here at the University of Guam. In FY2022, UOG continued its on-going grants such as the NSF-funded EPSCoR-GECCO grant, the NCI-funded Pacific Island Partnership for Cancer Health Equity (U54-PIPCHE) grant, NOAA-funded Sea Grant, and CEDDERS funding. We also received a new U24 grant funded by NIH/NIMHD.

Federal funding to UOG decreased in FY2022 compared to FY2020 and FY2021. However, the previous two years were unusually high due to CARES Act funding. Federal funding for FY2022 was still extremely high compared to pre-COVID levels of FY2019 and earlier. In FY2022, we continued to collaborate with multiple off-island scientists and institutions, provided employment to the local community, and offered students the opportunity to gain valuable research experience.

Thanks to our new grants management software, Cayuse, we are now able to track grant submissions and awards more efficiently. The Office of Research & Sponsored Programs is here to serve our university family and community stakeholders, so please feel free to contact our office if you have any questions or need additional information.

Si yu'os ma'ase,

A handwritten signature in black ink that reads "Rachael T. Leon Guerrero".

Rachael T. Leon Guerrero, PhD, RDN

Professor of Nutrition

Vice Provost of Research & Sponsored Programs

CHART 1
Annual Grant Funding
2012 - 2022

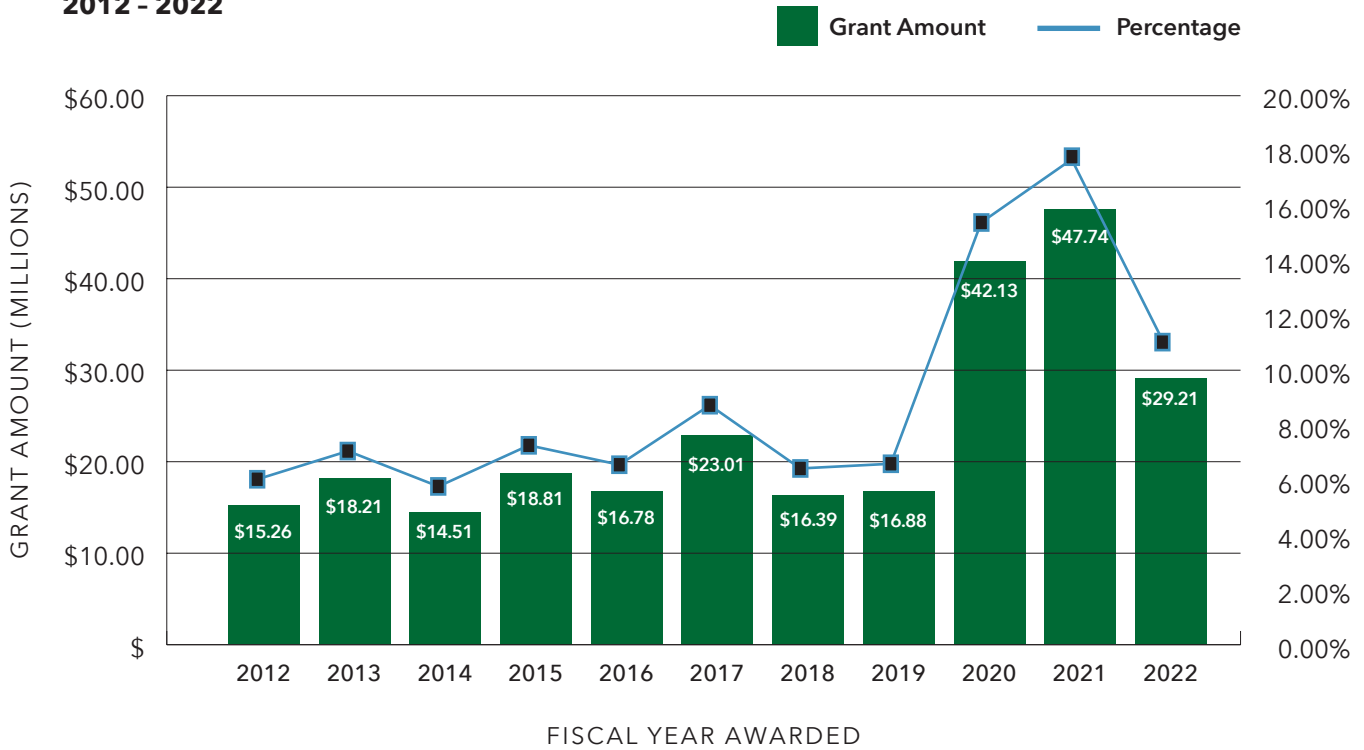


FIGURE 1
Annual Grant Funding
2012 - 2022

Fiscal Year	Grant Amount	Percentage
2012	\$15,255,443.64	5.89%
2013	\$18,208,542.37	7.03%
2014	\$14,514,119.70	5.61%
2015	\$18,811,616.03	7.26%
2016	\$16,781,813.93	6.48%
2017	\$23,014,396.47	8.89%
2018	\$16,390,953.73	6.33%
2019	\$16,882,276.78	6.52%
2020	\$42,129,717.66	16.27%
2021	\$47,736,838.07	18.44%
2022	\$29,213,067.48	11.28%
Grand Total	\$258,938,785.86	100.00%

CHART 2

Federal vs. Non-Federal Awards by Year

2012 - 2022

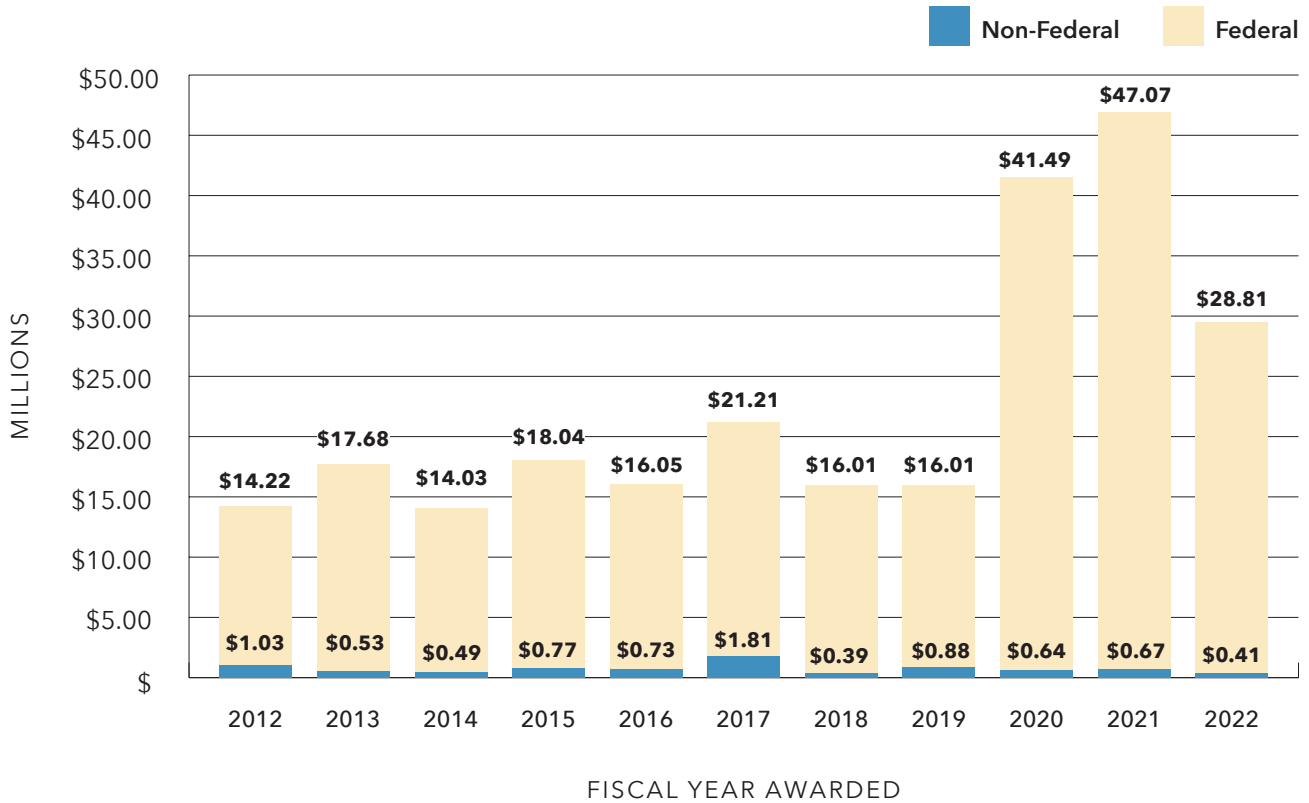


FIGURE 2

Federal vs. Non-Federal Awards by Year

2012 - 2022

Fiscal Year	Federal	Non-Federal	Grand Total
2012	\$14,224,680.27	\$1,030,763.37	\$15,255,443.64
2013	\$17,675,851.88	\$532,690.49	\$18,208,542.37
2014	\$14,026,350.70	\$487,769.00	\$14,514,119.70
2015	\$18,038,141.35	\$773,474.68	\$18,811,616.03
2016	\$16,047,216.93	\$734,597.00	\$16,781,813.93
2017	\$21,205,767.47	\$1,808,629.00	\$23,014,396.47
2018	\$16,005,945.73	\$385,008.00	\$16,390,953.73
2019	\$16,006,084.98	\$876,191.80	\$16,882,276.78
2020	\$41,488,776.66	\$640,941.00	\$42,129,717.66
2021	\$47,071,028.07	\$665,810.00	\$47,736,838.07
2022	\$29,806,647.48	\$406,420.00	\$29,213,067.48
Grand Total	\$250,596,491.52	\$8,342,294.34	\$258,938,785.86

CHART 3

**Number of Federal vs. Non-Federal Awards
2012 - 2022**

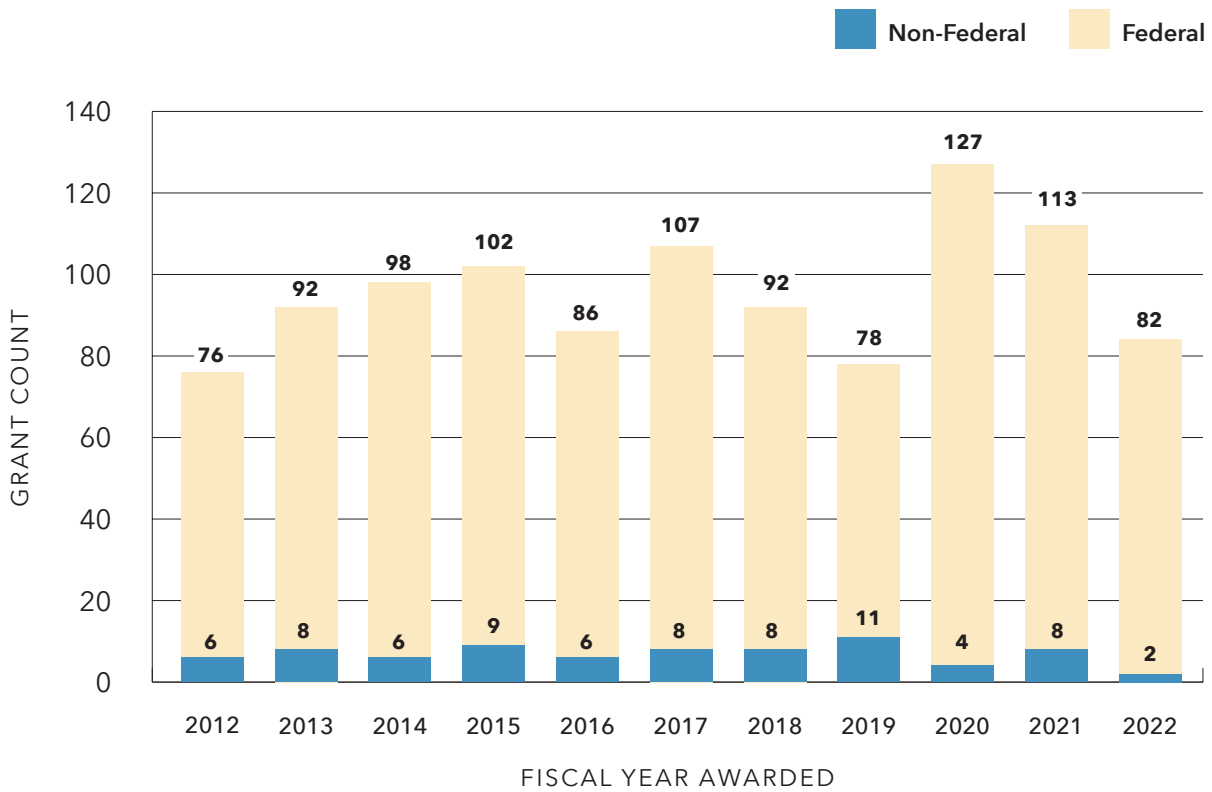


FIGURE 3

**Number of Federal vs. Non-Federal Awards
2012 - 2022**

Fiscal Year	Federal	Non-Federal	Grand Total
2012	76	6	82
2013	92	8	100
2014	98	6	104
2015	102	9	111
2016	86	6	92
2017	107	8	115
2018	92	8	100
2019	78	11	89
2020	127	4	131
2021	113	8	121
2022	82	2	84
Grand Total	1053	76	1129

FIGURE 4**Top Principal Investigators by Funding (≥ \$100K)****2022**

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title
1	Terry Donaldson (PI), Bastian Bentlage (Co-PI), Austin Shelton (Co-PI), Rachael Leon Guerrero (Co-PI)	\$3,954,172.00	ORSP	NSF	EPSCoR GECCO Y3
2	Austin Shelton	\$1,539,436.00	ORSP	DOI/OIA	Guam Green Growth Renewable Energy Project
3	Austin Shelton	\$1,456,363.00	ORSP	ED/OGG	Innovating through Pandemic Challenges
4	Rachael Leon Guerrero (PI), Margaret Hattori-Uchima (Co-PI)	\$1,350,370.00	ORSP	HHS/NIH/NCI	U54 PIPCHE Y3
5	Austin Shelton	\$840,311.00	ORSP	ED/OGG	Guam Green Growth Education
6	Margaret Hattori-Uchima	\$796,813.00	SOH	HHS/HRSA	Geriatrics Workforce
7	Annette Santos, Fred Granillo	\$766,666.00	SBPA	SBA	SBDC - Guam & Micronesia
8	Leslie Aquino	\$715,014.00	ORSP/ CNAS	NASA	Hanom Fresko
9	Ann Pobutsky, Cathleen Moore-Linn, Ana Joy Pacilan-Mendez, Grazyna Badowski	\$644,656.00	RCUOG	HHS/CDC/ DPHSS	Guam Families Coping during COVID-19 Project
10	June De Leon	\$577,735.00	CEDDERS	HHS /ACL	CORE GRANT (Y5/UCEDD)
11	Yvette Paulino	\$547,772.00	ORSP	HHS/NIH/ NIMHD	Establishing Guma'Tinentom to support population health research through island wisdom
12	June De Leon	\$500,000.00	CEDDERS	HHS/ACL	CORE GRANT (Y5/UCEDD)
13	James McConnell	\$483,893.00	ORSP	DOD/DON (CESU)	SN Monitoring AFB Serianthes Nelsonni Monitoring AAFB
14	Anita Enriquez	\$449,419.00	SVPP	ED	Para Hulo Triton Services Center
15	Else Demeulenaere	\$402,581.00	ORSP	DOD/DON (CESU)	Vegetation Reforestation on AAFB
16	Cathleen Moore-Linn, Rosielyn Babauta	\$400,000.00	RCUOG	HHS/PHI	Pacific ADA Center
17	Monique Storie	\$373,965.00	University Libraries	HHS/ACF	CHamoru Language and Culture Researcher Training Program
18	June De Leon	\$361,534.00	CEDDERS	GDOE	CEDDERS-GDOE/SSIP 2021
19	Austin Shelton	\$315,289.00	ORSP	ED/OGG	Yo'amte Traditional Knowledge

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title
20	Carlos Taitano	\$298,140.00	GLE	NEH	CHamoru Studies Program
21	Carlos Taitano	\$287,792.00	GLE	DOI/OIA	Campus Security
22	Matthew Limtiaco (PI), Shinwa Lee (Co-PI)	\$251,350.00	SOE	ED/OGG	Social Emotional Support Program
23	June De Leon	\$251,142.08	CEDDERS	AVP-GUAP	AVP-GUAP/DHHSEAR-HEAR
24	Tammy Mildenstein	\$246,080.00	ORSP	DOD/DON (CESU)	Fruit Bat Monitoring AAFB
25	June De Leon	\$232,308.00	CEDDERS	GDOE	CEDDERS-GDOE PRT B 3RD RENEWAL
26	Tanisha Aflague	\$224,171.00	CNAS	USDA/DPHSS	SNAP ED PROG
27	Glenn Dulla	\$218,648.00	CNAS	USDA/APHIS	CRB Management
28	Laurie Raymundo	\$209,851.40	MARI	NFWF	Coral Bleaching and Crown of Thorns (COTS)
29	Curt Fiedler	\$200,000.00	CNAS	USDA/NIFA	Development of Online Courses in Tropical Wildlife Management
30	Austin Shelton	\$200,000.00	ORSP	GovGuam	GROW initiative's existing erosion control and revegetation activities
31	Kuan-Ju Chen	\$200,000.00	CNAS	USDA/NIFA	Adaptation of VRT in Advancement of Agriculture and Food Sciences Education
32	Leslie Aquino (PI), Edgardo Aban (Co-PI), Romina King (Co-PI)	\$200,000.00	ORSP	NASA	NASA RID Y1
33	Pamela Peralta Taitano, Jason Betham	\$199,999.00	SBPA	SBA	SBDC - American Samoa
34	Glenn Dulla	\$167,815.00	RCUOG	DOI/OIA	CRB Management, Palm Tree Pesticide Injection
35	June De Leon	\$163,601.00	CEDDERS	DPHSS	SVP-CEDDERS/DPHSS NO WRONG DOOR
36	Ross Miller	\$159,992.00	CNAS	USDA	DACUM Forest Service
37	June De Leon	\$149,987.00	CEDDERS	ED	CEDDERS-DOE GEIS PART C
38	William Jeffrey	\$149,827.00	CLASS	DOI/NPS	WWII Chuuk Lagoon
39	June De Leon	\$142,297.00	CEDDERS	PALAU GOV	Palau 2021
40	Romina King	\$140,000.00	MARC	DOI/USGS/UH	PICSC-Pacific Island Climate Science Center Y3
41	Glenn Dulla	\$130,631.00	RCUOG	DOI/OIA	Guam Port of Entry Forest Pest Management Program
42	Cathleen Moore-Linn, Patrick Keeler	\$127,650.00	RCUOG	NFWF/BSP	Engaging Guam Residents to Reduce Land Based Sources of Pollution and Promote Habitat Restoration for Coral Health Project
43	June De Leon	\$127,566.00	CEDDERS	DHSS	CEDDERS-DHSS GSAT
44	June De Leon	\$127,310.00	CEDDERS	DHSS	CEDDERS-DHSS GSAT
45	Shane Siers, Cathleen Moore-Linn	\$125,238.00	RCUOG	USDA/APHIS	Brown Tree Snake Research Support
46	Tanisha Aflague	\$124,968.00	CNAS	USDA/NIFA/UH	CHL Food Systems Y2

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title
47	June De Leon	\$125,000.00	CEDDERS	CNMI PSS	CEDDERS-CNMI PSS IDEA PART B&C 2022
48	Thomas Krise	\$122,662.00	CNAS	NSF/UH	LSAMP
49	Carlos Taitano	\$118,658.00	GLE	NEH	TAMPU
50	June De Leon	\$113,670.00	CEDDERS	DHSS	CEDDERS-DHHS/ACL-EXPNDNG PH
51	June De Leon	\$100,000.00	CEDDERS	GDOE	CEDDERS- GDOE SPDG-PROJECT HITA PARA MO'NA

FIGURE 5
USDA Land Grant Formula Funds Listing
2022

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title
1	Pete Barcinas	\$1,988,498.00	CNAS	USDA/NIFA	SMITH LEVER
2	Adrian Ares	\$1,861,358.00	CNAS	USDA/NIFA	HATCH FY2022
3	Adrian Ares	\$176,536.00	CNAS	USDA/NIFA	Multi-State FY2022
4	Tanisha Aflague	\$105,134.00	CNAS	USDA/NIFA	EFNEP
5	Adrian Ares	\$68,232.00	CNAS	UDSA/NIFA	McENTIRE STENNIS FY2022

FIGURE 6
NOAA Sea Grant Formula Funds Listing
2022

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Project Title
1	Austin Shelton	\$908,795.00	ORSP	DOC/NOAA	ORSP-DOC SG Omnibus 2022-2023
2	Austin Shelton	\$179,004.00	ORSP	DOC/NOAA/NSGO	Sea Grant

CHART 4

Grant Awards by College/Department 2022

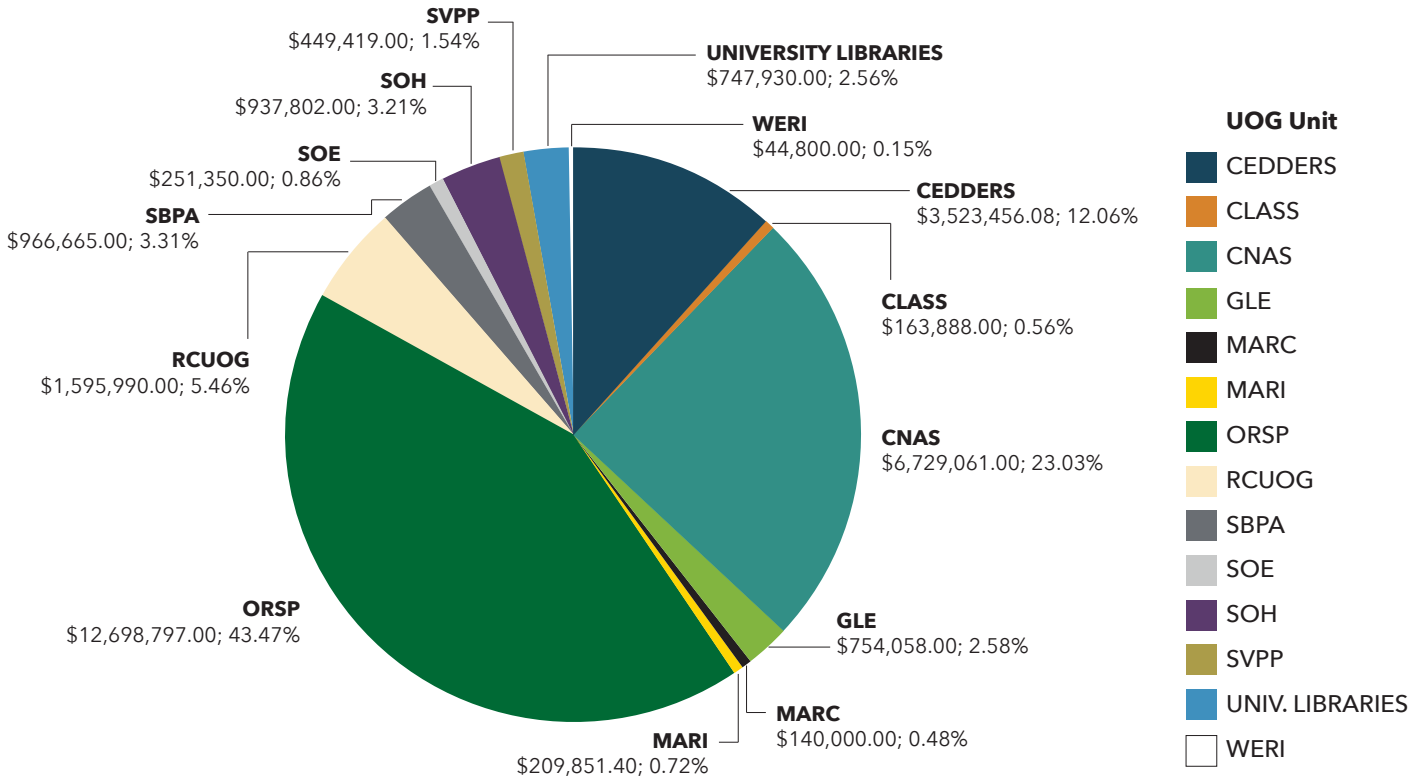


FIGURE 7

Grant Awards by College/Department 2022

Row Labels	Sum of Grant Amount	Percentage	Grant Count
Office of Research and Sponsored Programs (ORSP)	\$12,698,797.00	43.47%	15
College of Natural & Applied Sciences (CNAS)	\$6,729,061.00	23.03%	23
Center for Excellence in Developmental Disabilities Education, Research & Service (CEDDERS)	\$3,523,456.08	12.06%	22
Research Corporation of the University of Guam (RCUOG)	\$1,595,990.00	5.46%	6
School of Business & Public Administration (SBPA)	\$966,665.00	3.31%	2
School of Health (SOH)	\$937,802.00	3.21%	3
Global Learning & Engagement (GLE)	\$754,058.00	2.58%	4
University Libraries	\$747,930.00	2.56%	2
Office of the Senior Vice President & Provost (SVPP)	\$449,419.00	1.54%	1
School of Education (SOE)	\$251,350.00	0.86%	1
Marine Laboratory (MARI)	\$209,851.40	0.72%	1
College of Liberal Arts & Social Sciences (CLASS)	\$163,888.00	0.56%	2
Micronesia Area Research Center (MARC)	\$140,000.00	0.48%	1
Water & Environmental Research Institute (WERI)	\$44,800.00	0.15%	1
Grand Total	\$29,213,067.48	100.00%	84

CHART 5
ORSP Awards by Sponsor
2022

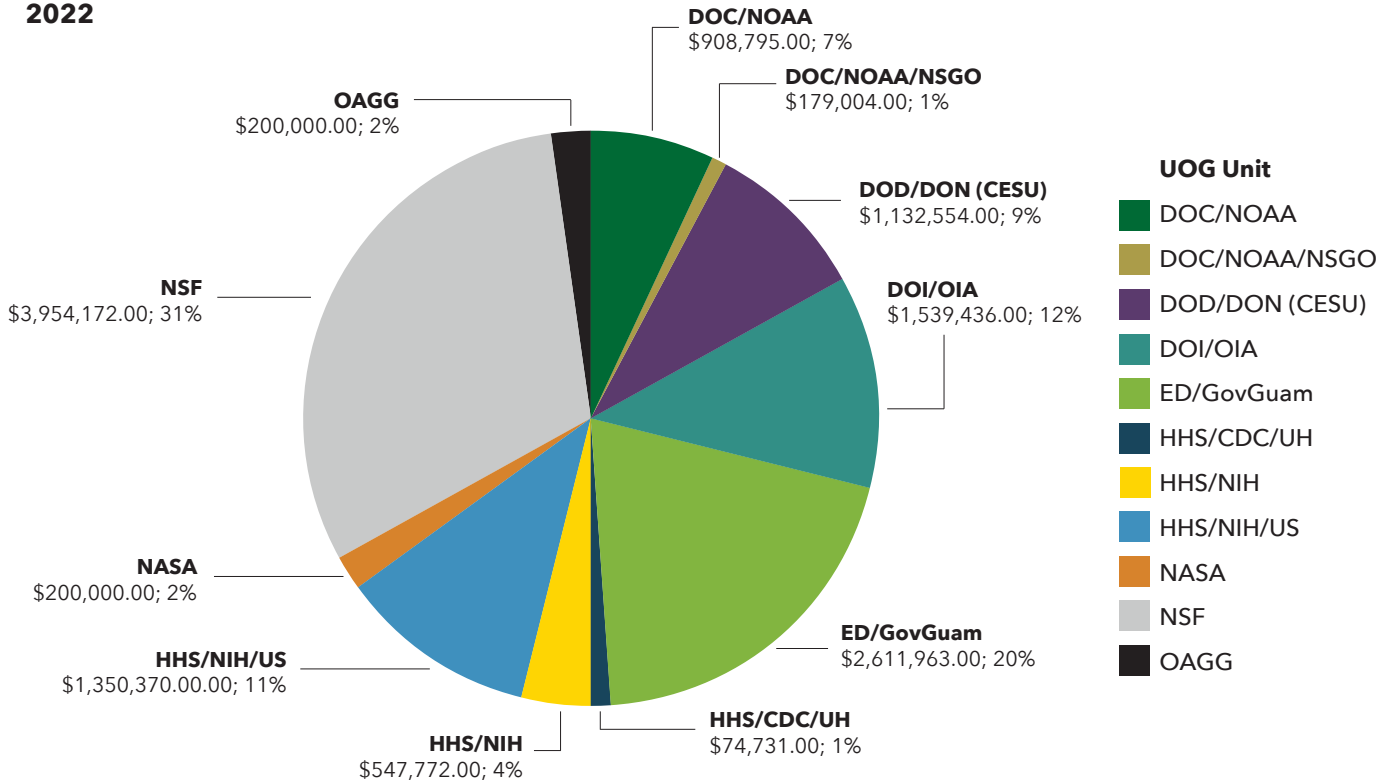


FIGURE 8
ORSP Awards by Sponsor
2022

Funded by	Project	Sum of Grant Amount	Percentage
NSF	EPSCoR GECCO Y3	\$3,954,172.00	31.14%
DOI/OIA	Guam Green Growth Renewable Energy Project	\$1,539,436.00	12.12%
ED/GovGuam	Innovating Through Pandemic Challenges	\$1,456,363.00	11.47%
HHS/NIH/NCI	U54 PIPCHE Cancer Grant	\$1,350,370.00	10.63%
DOC/NOAA	ORSP-DOC SG Omnibus 2022-2023	\$908,795.00	7.16%
ED/GovGuam	Guam Green Growth Education	\$840,311.00	6.62%
HHS/NIH/NIMHD	U24 Establishing Guma'Tinentom to Support Population Health Research through Island Wisdom	\$547,772.00	4.31%
DOD/DON (CESU)	<i>Serianthes nelsonni</i> Monitoring AAFB	\$483,893.00	3.81%
DOD/DON (CESU)	Vegetation Reforestation on AAFB	\$402,581.00	3.17%
ED/GovGuam	Yo'amte Traditional Knowledge	\$315,289.00	2.48%
DOD/DON (CESU)	Fruit Bat Monitoring AAFB	\$246,080.00	1.94%
OAGG	GROW Initiative's Existing Erosion Control and Revegetation Activities	\$200,000.00	1.57%
NASA	NASA RID Y1	\$200,000.00	1.57%
DOC/NOAA/NSGO	Sea Grant	\$179,004.00	1.41%
HHS/CDC/UH	Pacific Regional Center Cancer Registry (PRCCR)	\$74,731.00	0.59%
Grand Total		\$12,698,797.00	100.00%

FIGURE 9
Grant Funding by Sponsor
2012 - 2022

Sponsor	Number of Awards	Sum of Grant Amount
AECOM Tech Svc	2	\$194,049.29
American Cancer Society	1	\$14,088.00
AmeriCorps	4	\$1,853,990.00
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
BBMR	2	\$900,000.00
Black Construction Corp	1	\$25,500.00
BSP	4	\$625,513.00
CHLA	1	\$30,000.00
CIS	1	\$377,956.00
CNMI PSS	3	\$806,470.00
DHSS	3	\$368,546.00
DOAG	1	\$242,726.00
DOC	1	\$16,201.00
DOC/EDA	2	\$8,740,039.00
DOC/NOAA	27	\$6,193,895.00
DOC/NOAA/BSP	20	\$2,436,590.68
DOC/NOAA/CRCP	1	\$71,216.00
DOC/NOAA/GVB	1	\$50,000.00
DOC/NOAA/MCT	5	\$402,715.00
DOC/NOAA/NSGO	1	\$179,004.00
DOC/NOAA/TNC	1	\$58,306.00
DOC/NOAA/UH	1	\$140,000.00
DOC/USCB/BSP	2	\$468,500.00
DOD/DLA	10	\$3,164,751.00
DOD/DON (CESU)	50	\$16,704,407.66
DOD/DON/ONR	1	\$220,000.00
DOD/GANG	1	\$23,865.00
DOD/OEA	1	\$405,166.00

Sponsor	Number of Awards	Sum of Grant Amount
DOD/USACE/CESU (Alaska)	1	\$743,867.00
DOI	14	\$4,168,239.00
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	11	\$735,949.50
DOI/OIA	9	\$2,767,615.00
DOI/UH	1	\$72,000.00
DOI/USGS	126	\$3,068,482.99
DOI/USGS/BSP	1	\$38,000.00
DOI/USGS/GWA	1	\$531,300.00
DOI/USGS/RCUH	1	\$249,016.00
DOI/USGS/UH	9	\$1,379,931.46
DOJ	1	\$300,000.00
DOJ/OWW	1	\$300,000.00
DON	1	\$209,804.00
DOS	1	\$19,740.00
DPHHS	10	\$2,108,896.00
DPHSS	3	\$315,598.00
DPHSS/DHSS	1	\$500,000.00
Duenas & Associate	1	\$65,018.00
ED	46	\$38,697,094.00
ED/GDOE	29	\$5,687,297.14
ED/GovGuam	4	\$2,863,313.00
ED/San Jose State University (PT)	2	\$151,000.00
ED/UCORP	1	\$25,911.00
ED/WestEd	1	\$55,000.00
EPA	6	\$365,409.00
EPA/CNMI	1	\$8,860.00
FEMA/GHS/OCD	1	\$419,025.00
FHCRC	1	\$8,000.00

Sponsor	Number of Awards	Sum of Grant Amount
Ford Motor Company	1	\$15,000.00
FSM	1	\$92,966.00
FSM National DOE	6	\$567,045.37
FWS	3	\$388,731.00
GBHWC	1	\$19,382.00
GDOE	6	\$1,085,303.40
GEDA	1	\$3,809.00
GEPA	3	\$183,996.00
GovGuam	7	\$1,068,923.00
Granite-Obayashi Construction (JV)	2	\$160,978.00
GVB	1	\$5,000.00
GWA	2	\$91,792.06
Harvard	1	\$314.68
HHS	9	\$1,663,390.00
HHS/ACF	2	\$747,930.00
HHS/ACL	21	\$7,253,323.71
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	\$251,968.00
HHS/DPHSS	26	\$3,467,929.40
HHS/HRSA	23	\$7,446,126.48
HHS/HRSA/AMCHP	1	\$100,000.00
HHS/HRSA/BHW	3	\$2,254,026.00
HHS/HRSA/EHDI	8	\$1,172,012.00
HHS/MCH	1	\$42,753.96
HHS/NIH	4	\$3,976,993.35
HHS/NIH/NIMHD - U24 PICCAH	5	\$2,795,683.00
HHS/NIH/UH - COVID RADx-UP	2	\$115,159.00
HHS/NIH/US	1	\$1,350,370.00

Sponsor	Number of Awards	Sum of Grant Amount
HHS/NIH-PSU	2	\$140,989.00
HHS/PHI	1	\$400,000.00
HHS/UH	4	\$397,441.00
HSS/DPHSS	4	\$197,014.00
IMLS	1	\$97,792.00
KAHA	8	\$47,000.00
MAA	2	\$12,000.00
McRel Pacific	1	\$593,863.00
MCT	2	\$100,556.06
Merrick & Company	1	\$186,480.00
NARA/NHPRC	1	\$142,078.00
NASA	13	\$3,107,802.89
NASA/UH	2	\$400,000.25
NCEO	1	\$23,040.00
NEH	2	\$416,798.00
NFWF	7	\$1,398,892.72
NFWF/BSP	1	\$127,650.00
NIH/NCI/UH	10	\$7,525,154.00
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	2	\$134,136.00
NOAA/BSP	4	\$112,948.00
NOAA/NFWF	1	\$69,769.00
NOAA/RCUH	2	\$114,822.00
NPS	1	\$56,587.00
NSF	14	\$21,537,417.00
NSF/AU (PT)	1	\$39,000.00
NSF/BCS	1	\$274,312.00
NSF/MAA	4	\$116,539.00
NSF/RIG	1	\$194,134.00
NSF/UH	6	\$367,656.00
NSF/UNH	1	\$43,446.00
OAGG	1	\$200,000.00
ORSP/GCTF	1	\$32,130.00

Sponsor	Number of Awards	Sum of Grant Amount
PALAU	1	\$142,297.00
PFM Inc	1	\$218,843.00
PW Ministry of Ed, Sp Ed	9	\$1,075,466.00
RCUH	1	\$8,342.35
SBA	76	\$9,508,123.00
SCS	1	\$25,260.00
SIGMA FSM	1	\$20,000.00
SRG	1	\$35,000.00
Sundance	2	\$72,543.00
TECO	1	\$8,600.00
Tides Center	1	\$4,000.00
TNC	1	\$33,773.76
UCEDD	1	\$59,701.00
UH	7	\$571,812.00
UH Sea Grant	1	\$40,000.00
University of Otago (New Zealand)	1	\$22,645.00
UOG EF	1	\$45,000.00
UPEI	1	\$7,518.00
USDA	33	\$3,909,346.87
USDA/AMS/BBMR/DOAG	1	\$203,840.63
USDA/AMS/DOAG	1	\$210,938.97
USDA/APHIS	25	\$2,084,494.00
USDA/APHIS/DOAG (PT)	1	\$58,062.00
USDA/APHIS/PPQ	49	\$1,744,804.00
USDA/CSU	1	\$5,000.00
USDA/CTSA	1	\$12,800.00
USDA/DOAG	7	\$970,094.03
USDA/DPHSS	10	\$1,615,227.00
USDA/FS	16	\$1,809,110.74
USDA/Idaho	2	\$60,000.00
USDA/KSU	6	\$135,232.00
USDA/LSR/GDOAG/FSRD	3	\$442,780.00
USDA/MCT	1	\$62,000.00
USDA/MSU	1	\$72,871.00

Sponsor	Number of Awards	Sum of Grant Amount
USDA/NASS	1	\$25,000.00
USDA/NIFA	81	\$36,052,829.00
USDA/NIFA/MSU	5	\$559,313.00
USDA/NIFA/UH	3	\$533,936.00
USDA/NIFA/USU	7	\$284,263.70
USDA/NMC	1	\$6,500.00
USDA/NRCS	3	\$224,883.00
USDA/OIA	1	\$63,816.00
USDA/UCDavis	6	\$149,315.00
USDA/UH	6	\$2,245,247.00
USDA/UOPR	2	\$255,500.00
USDA/UOVI	2	\$167,001.00
USDA/UW	6	\$112,002.00
USDA/WSU	1	\$44,999.00
USFWS	1	\$12,000.00
USGS	2	\$966,722.68
USGS/UH	1	\$169,320.00
USDA/WSU	1	\$44,999.00
USFWS	1	\$12,000.00
USGS	2	\$966,722.68
USGS/UH	1	\$169,320.00

GRAND TOTAL

Number of Awards:
1,129

Sum of Grant Amount:
\$258,938,785.86

CHART 6

Completed Application (Full and Subaward) Proposals in Cayuse by College/Department

April - Sept 2022

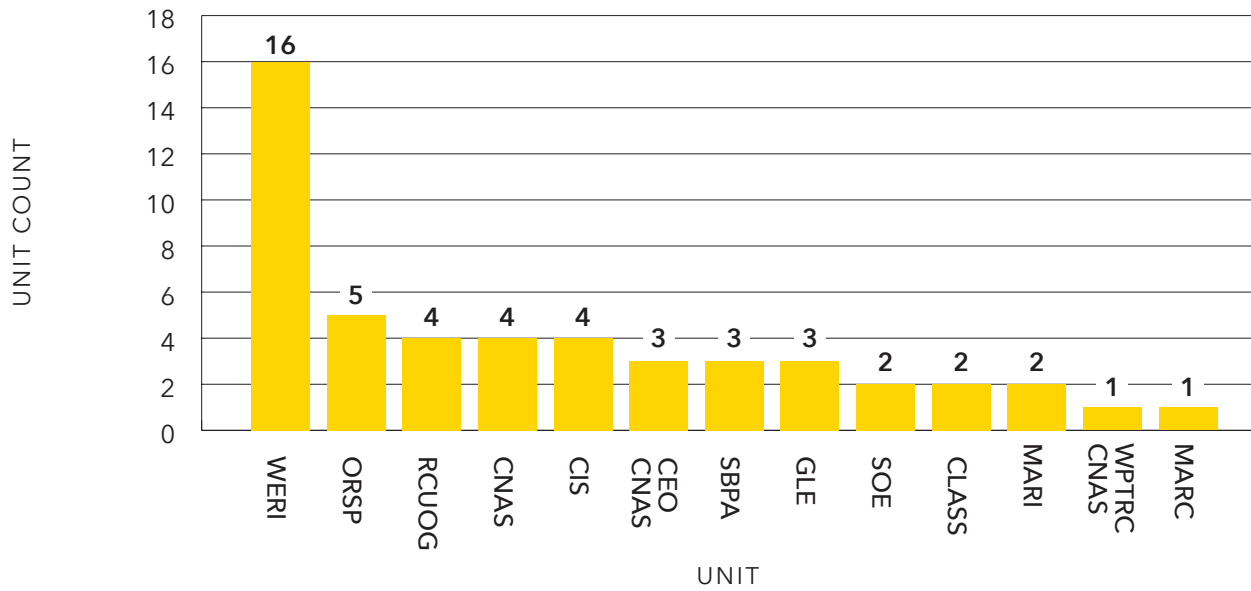


FIGURE 10

Completed Application (Full and Subaward) Proposals in Cayuse by College/Department

April - Sept 2022

Unit	Unit Count	Percentage
WERI	16	32.00%
ORSP	5	10.00%
RCUOG	4	8.00%
CNAS	4	8.00%
CIS	4	8.00%
CEO CNAS	3	6.00%
SBPA	3	6.00%
GLE	3	6.00%
SOE	2	4.00%
CLASS	2	4.00%
MARI	2	4.00%
WPTRC CNAS	1	2.00%
MARC	1	2.00%
Grand Total	50	100.00%

CHART 7

Number of Research and Scholarly Publications by College/Department 2021 - 2022

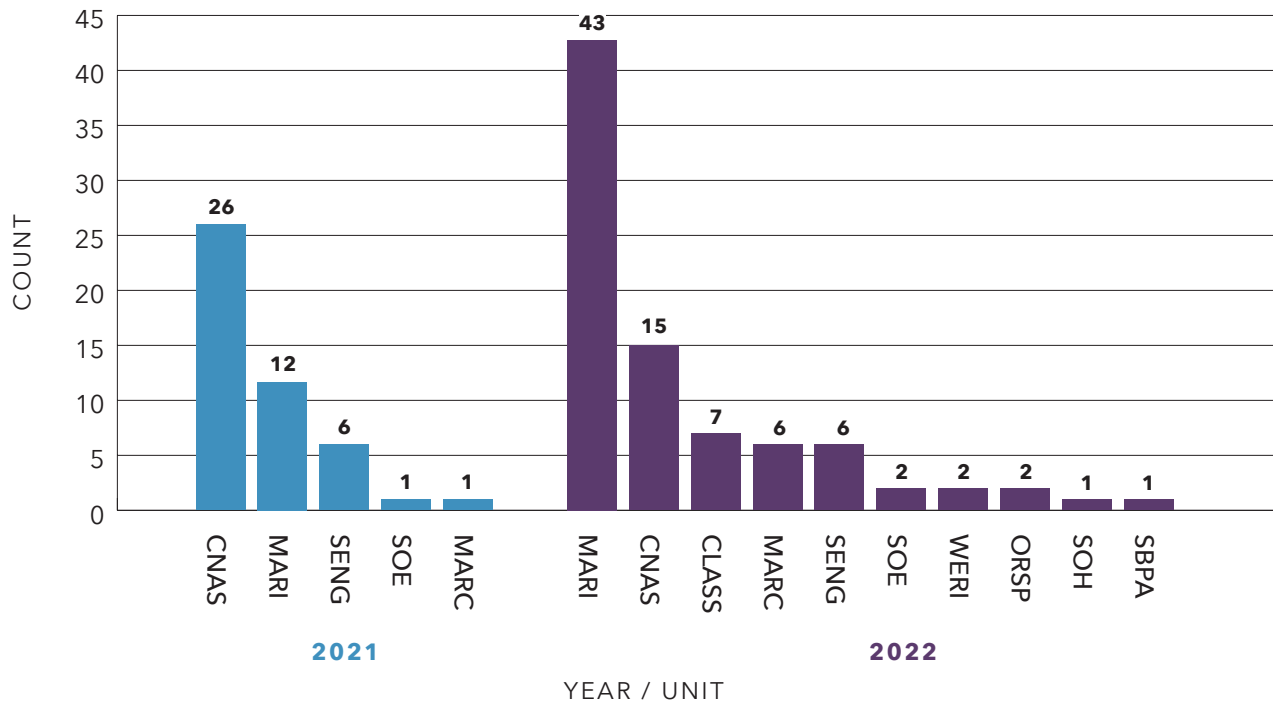


FIGURE 11

Number of Research and Scholarly Publications by College/Department 2021 - 2022

2021

Unit	Publications
College of Natural & Applied Sciences (CNAS)	26
Marine Laboratory (MARI)	12
Micronesian Area Research Center (MARC)	1
School of Education (SOE)	1
School of Engineering (SENG)	6
Total	46

2022

Unit	Publications
Marine Laboratory (MARI)	43
College of Natural & Applied Sciences (CNAS)	15
College of Liberal Arts & Social Sciences (CLASS)	7
School of Engineering (SENG)	6
Micronesian Area Research Center (MARC)	6
School of Education (SOE)	2
Water & Environmental Research Institute (WERI)	2
Office of Research & Sponsored Program (ORSP)	2
School of Business & Public Administration (SBPA)	1
School of Health (SOH)	1
Total	85

**2021 & 2022 GRAND TOTAL:
131**

Research and Scholarly Publications

2022 and Prior Years

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Bell, T., Lander, M., Jenson, J., Randall, R., Partin, J., Prouty, N., A 50-Year Sr/Ca time series from an enclosed, shallow-water Guam coral: in situ monitoring and extraction of a temperature trend, annual cycle, and ENSO and PDO signals, *Journal of Coastal Research* 35 (2), 269-286, doi:10.2112/JCOASTRES-D-16-00099.1 (2019).

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List of IRB-Approved Projects 2022

FY2022 was a busy year for the UOG Committee on Human Research Subjects (CHRS/IRB). A total of 180 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.

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
I Lina'la-Hu (My Life)	Melissa Rhea	
The Relationship Between Physical Activity and Mental Health Among Adults in Guam	Angelica Rico	Marshaley Baquiano
Improving Nutrition Behaviors Among EFNEP Middle School Participants in Guam	Sabrina Zhi	Tanisha Aflague
Guam Focus on Life	Kristianna Whitman	
A look on military based Transformational Leadership in the island of Guam	Lidio Fullo	Marshaley Baquiano
An Interpretive Phenomenological Analysis of Military Spouses Lived Experience Moving to and Living Overseas in Guam	Amelia Delgado	Marshaley Baquiano
Understanding the Role of Cultural Norms within Heteronormativity Play in Shaping the Self-Esteem of Guam's LGBTQIA+ through Compulsory Heterosexuality	Brenna Rodriguez	Marshaley Baquiano
Satisfaction with Perceived Parental Upbringing as Moderator Between Parenting Style and Adult Life Satisfaction	Carmille Serrano	Marshaley Baquiano
Sexual Abuse=DM=Repeat Cycle	Justin Lawson	Marshaley Baquiano
Examining Cantor-Graae and Selten's Social Defeat Hypothesis in Relation to Online Dating Platforms' Effects on Self-Esteem		

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
Impact of positive behavior goal setting in a 2nd grade classroom	Dawn Marie Perez	Cheryl Sanguenza
How does one's perception of social media content shape their dissatisfaction with their body image amongst young adults in Guam?	Kristoffer John Aquino	Marshaley Baquiano
Colorectal Cancer Among Chamorros and Filipinos in Guam and Hawai'i: Recommendations for Screening Interventions and Programs	Tressa Diaz	
The Impact of Peer Feedback on Fostering Communication and Improving Project Outcomes	Mie Rabago	Cheryl Sanguenza
The Meaning of Spirituality for Generation Z	Haley Carreon	Marshaley Baquiano
Teacher Mentee and Mentor Perceptions: Effectiveness of the Teacher Mentorship Program on Guam	Janice Evangelista	Geraldine James
Effects of Questioning Strategies on Student Achievement	Bernadeth Gumataotao	Cheryl Sanguenza
The effect of Computer Assisted Instruction (CAI) - Moby Max and Students' Perceptions in 6th Grade Mathematics Classroom	Myra Ollet	Cheryl Sanguenza
UOG Employee Colorectal Cancer Screening Follow-up Study	Tressa Diaz	
The Effects of Exit Tickets on Student Achievement in an 8th Grade		
Computer Science Class	Melinda Rolinski	Cheryl Sanguenza
The Impacts of Simulation	Jeremy Jon Pingul	Cheryl Sanguenza
Traditional And New Lifestyle Interventions for Breast Cancer Preventions (TANICA)	Tanisha Aflague	
Financial Literacy Certification	Camarin Joleen Flores	
SY 2022-2023 Student Survey (Gauging Return to Fañomñakan Semester)	Camarin Joleen Flores	
Interactive Feedback on Error Analysis	Rocel Molina	Cheryl Sanguenza
2018 Guam Household Income and Expenditure Survey (HIES)	April Trinidad	
An Analysis on Sociocultural Norms Shaping Relational Aggression Among Women	Chelsea Marie Gonzales	Marshaley Baquiano
The Process of How Sexual Jokes Are Normalized in Friend Groups	Rochelle Alviz	Marshaley Baquiano
Dissertation UOG IRB Packet	Forrest Chargualaf	
Financial Literacy Certification Pre and Post Questionnaires	Camarin Joleen Flores	
Experiences and Opinions Regarding Brown Treesnakes in Residential Areas and Use of Acetaminophen as a Brown Treesnake Pesticide	Shane Siers	
Prevalence of Food Insecurity in the US Affiliated Pacific Region	Tanisha Aflague	

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
Instructional Strategies Utilized Among the Struggling Readers By Secondary School Teachers in Guam. Recalibrating Reading Pedagogy in the Post-Pandemic Era of Education	Therese Flores	
Sexual Risk Avoidance Education	Carlos Taitano	
Developing a public health peer mentoring program in the US Affiliated Pacific Islands	Yvette Paulino	
Revisiting the Guam's Public Education Act: A Training Guide for Enhanced Implementation	Philip Patricio	Alvin Sicat
Maolek Na Lina'la (Life Is Good)	Melissa Rhea	
2022 Election Guam Research	Ron Mcninch	
Human Trafficking Awareness Survey - Military and Vets	John Rivera	
Children's Healthy Living Program (CHL Center)	Tanisha Aflague	
Children's Healthy Living Program (CHL Center)	Rachael Leon Guerrero	
Following the Hyperuricaemic Trail - Pilot Test in Guam	Frank Camacho	
Guam Area Health Education Center (Guam AHEC)	Margaret Hattori-Uchima	
Cyanotoxins and Liver Cancer Development in Two High-Risk Populations	Laura Ashley Biggs	
Developing the Economic Sustainability and Viability of Value-added Products on Guam	Kuan-Ju Chen	
NIH BUILD	Margaret Hattori-Uchima	
<i>Examining the Correlates of Substance Use Among Chamorro People</i>	Michael Vigil	E.J.R. David
Cancer Health Disparities Research Training: A Qualitative Report	Troy Mcvey	
Disruptive Innovations in Guam Department of Education K-12 Libraries for the New Generation: Inputs to Enhanced Policy Measures	Sylvia Taylor	
Cognitive Factors in Phoneme Representation	David Ruskin	
Self-Harm Narratives of Adolescents in Guam	Mayumi Krause	Rita Sharma
Developing Chamoru Language Infrastructure: Gogue yan Chachalani Mo'na I Fino'-ta	Robert Underwood	
Beginner Teacher Concerns of their First Year mentorship Program in Public Schools	Erika Jo Arceo	
Survival Analysis of BRISK Participants	Rachael Leon Guerrero	
WestCare Pacific Islands, Inc. Project Hatsa	Melissa Rhea	
Attitudes Toward Culturally Responsive Educational Technology in Enhancing the Reading Achievement of the Learners in Guam: Thoughtful Reflections of ESL Secondary Teachers	Matilda Rivera	

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
Guam Families Coping During COVID-19: Community Health Needs Assessment of Vulnerable, High-Risk and Hard-to-Reach (H2R) Populations for COVID-19 and Other Infectious Diseases on Guam	Ann Pobutsky	
An Evaluation of Community Supported Agriculture (CSA) Program in Guam: Perceived Barriers and Facilitators, Impact on Fruit and Vegetable Intake, and Feasibility in SNAP-Ed	Tanisha Aflague	
Developing Chamoru Language Infrastructure: Goggue yan Chachalani Mo'na I Fino'-ta	Robert Underwood	
Prutehi I Lina'la: Increasing Reach and Uptake of COVID-19 Testing Among Pacific Islanders in Hawaii and Guam	Rachael Leon Guerrero	
Promoting Social Competence and Resiliency to Resist Substance Use Among Guam's Youth, Study 1: Focus Groups and Key-Informant Interviews	Francis Dalisay	
Developing Librarians in the 21st Century: MLIS Program Feasibility Study	Perry Jason Pangelinan	
The Effects of Guided Meditation on Student Stress Levels and Quiz Performance When Administered Pre-Assessment in an Algebra 1 Classroom	Mariana Pangelinan	Rowena Castro
Guam Power Authority (GPA) Customer Interruption Cost Survey	John Rivera	
Guam/Micronesia Geriatrics Workforce Enhancement Program (G/M GWEP)	Margaret Hattori-Uchima	
Pacific Islands Cohort on Cardiometabolic Health (PICCAH)	Margaret Hattori-Uchima	
UOG Cancer Research Center - 3rd Health Providers Cancer Symposium	Lilnabeth Somera	
Guåhan Women's Study	Debra Marie Cabrera	
5-2-1-Almost None: Youth Participatory Action Research	Tanisha Aflague	
Colorectal Cancer Among Chamorros and Filipinos in Guam and Hawai'i: Recommendations for Screening Interventions and Programs	Tressa Diaz	
Guam Consumers' Knowledge of and Attitude towards GMO Foods and Labelling Practices	Kuan-Ju Chen	
Pacific Islands Cohort of College Students	Yvette Paulino	
Guam Fish Flow: The Importance of Subsistence Fisheries to Society and Culture	Leilani Sablan	Peter Houk
Agriculture on Guam: Challenges and Opportunities Ahead	Kuan-Ju Chen	
Pilot of a Pre/Posttest to Evaluate Curricular Integration of Dementia Training for BSN program students	Margaret Hattori-Uchima	
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

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
Guam National Health Interview Survey	Yvette Paulino	
Guam Families Coping Curing COVID-19: Community Health Needs Assessment of Vulnerable, High-Risk and Hard-to- Reach (H2R) Populations for COVID-19 and Other Infectious Diseases on Guam	Ann Pobutsky	Grazyna Badowski and Ana Joy Mendez
NSF INCLUDES Alliance: Islands Alliance	Austin Shelton, Cheryl Sanguenza, and Else Demeulenaere	
Pacific Judicial Council Education Committee	Nadine Cepeda and Armen Ulloa- Kasperbauer	
Perceptions of the Quality of Worklife in the College of Natural and Applied Sciences (CNAS)	Filma C. Calalo	
Assessing the Impact of FY101 First Year Seminar on Retention and Persistence	Arline Leon Guerrero	
The Impact of Guided Notes on Student Achievement	Jamaica Rivera	
The impact of humor as a Technology Strategy on Student Motivation in an Elementary Science Classroom	Donovan Leon Guerrero	
Following the Hyperuracaemic Trail	Frank A. Camacho	
<i>Family Resiliency Program: Healthy Aging, Senior to Senior</i>	Timmy De La Cruz	
Grit, psychological well-being, and academic performance for student veterans on Guam: A non-experimental study	Arwen Franquez	
A Review of the University of Guam's Accounting Program	Doreent T. Crisostomo-Muna and Raymond Johnson	
Study on Safe and Healthy Schools for the Post-COVID-19 Era in the Asia Pacific Islands	Margaret Hattori- Uchima and Maria Sandra Minas Cruz	
The Betel Nut Intervention Trial (BENIT)	Yvette C. Paulino	
The Effects of Activating Prior Knowledge on Student Achievement in Reading Comprehension	Mary Jean P. Sumbang	
Cross-Sectional Analysis of Areca Alkaloids in Buccal Cells and Hair from Areca Nut Chewers as Candidate Biomarkers for Short- and Long- Term Areca Nut Exposure	Ana Joy Mendez	
WestCare Pacific Islands Project Islands Coalition Drug-Free Dededo (CDFD) DFC	Melissa Rhea	
The Threat to Litekyan as a Driver for a Social Movement Towards the Protection of Biocultural Diversity and the Restoration of Land Sovereignty	Else Demeulenaere	
Parental Styles & Deviant Behaviour: A Micronesian Perspective	Rayah Julian	
Chamorro Masculinity, Ethnic Identity, and Environmentalism	Kassidee M. Cruz	

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
Western Regional Agricultural Stress Assistance Program (WRASAP)	Kuan-Ju Chen, Virendra M. Verma, and Steven Young-Uhk	
Evaluating RFK Library's Collections and Services 2022: Student and Faculty Responses	Perry Pangelinan and Carmen Santos	
Colorectal Cancer Among Chamorros and Filipinos in Guam and Hawaii	Tressa Diaz and Angela Sy	
Corporate Social Responsibility Study	Mary Kate Soliva, Erika Anderson, and John Rivera	
WestCare Pacific Islands, Inc. Ma'lak na Ha'ani	Kimberly Marino	
Juvenile Delinquency in Gang Violence	Francine O. Termeteet	
Evaluation of the Fuetsan Manhoben Youth Substance Use Prevention Curriculum	Francis Dalisay and Yoshi Kawabata	
Strictness and its Effect on Juvenile Delinquency	Maree Saloma	
The Importance of Rehabilitative Methods in Juvenile Delinquency and their Effectiveness	Rochelle Alviz	
Unweaving Family Narratives of Chamorus Affected by Substance Use	Samantha Uncangco- Meno	
The Effects of Game-Based Learning on Grammar Skills for 8th Grade Students in a Language Arts Classroom	Arvin B. Novelo	
Human Trafficking in Micronesia	Lisa Nathan Dereas	
Perceptions of Gender among Women Lawmakers in Guam	Sarah G. Elmore-Hernandez	
The Effects of Immediate Feedback on ELL	Beverly Ilemangilish	
Human Trafficking Study	Mary Kate Soliva, Erika Anderson, and John Rivera	
Bullying in Guam and the CNMI	Yoshito Kawabata	
Exploring Risk and Protective Factors Among Juvenile Youth in the Pacific Island of Guam: A Grounded Theory Study	Casiana Lenae Ceraos Reyes	
COVID-19 Regulations, Responses, and Religiosity Study	Debra Cabrera	
NSF INCLUDES Alliance: Islands Alliance	Austin Shelton, Cheryl Sanguenza, and Else Demeulenaere	
Exploring Traditional Leadership and Democracy in Belau	Ashanti C. Ilek	
The Economies of Great Britain and Italy after WWII	Jude Tenorio	
Anthropogenic Climate Change and Micronesian Government	Kyle Crisostomo	
Exploring the Lived Experiences of Guam's Emerging Adult Suicide Attempt Survivors	Deidra Cruz, Jacklyn Garote, and Geraldine Reyes	

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
Engagement in student activities and opinions survey of UOG students	Nathaniel Dulla	
Triton Advising Center Federal Grant Award Number: P031A200079	Lawrence Camacho and Anita Enriquez Borja	
Maolek Na Lina'la (Life Is Good)	Melissa Rhea	
Reconciliation: The Church & Democracy	J Thomas Tyquiengco	
Metabolic Risk Factors Associated with Areca Nut Usage in Guam	Darlene Ferrer	
Cognitive Interviews with EFNEP Participant for Development of a Retrospective Pretest-Posttest Evaluation Survey	Qing Chen	Tanisha Aflague
Neoliberal Policies and Youth Education	Paula Allen	
Demographics and Entrepreneurship in Guam: Identifying " Staruppers" for Sustainable Development in a Small Island Economy	James Ji, Fred Schuman, Austin Shelton, and Myracle Mugol	
COVID-19 Regulations, Responses, and Religiosity Study	Debra Cabrera	
An Evaluation of Community Supported Agriculture (CSA) Program in Guam: Perceived Barriers and Facilitators, Impact on Fruit and Vegetable Intake, and Feasibility in SNAP-Ed	Tanisha Aflague	
Promoting Social Competence and Resiliency to Resist Substance Use Among Guam's Youth, Study 1: Focus Groups and Key-Informant Interviews	Francis Dalisay and Yoshi Kawabata	
Behavior Change for the Circular Economy and Sustainability on Guam	PMBA Cohort	
Survival Analysis of BRISK Participants	Rachael Leon Guerrero	
Changing Genders and the Scope of it	Angelina De Leon	
Social Effects of COVID-19 pandemic and lockdown from 2020-2022	Dylan B. Inos	
WestCare Pacific Islands Project STEER	Kimberly Marino	
Culture and History in Video Games	Tristan Romero	
MPA Practicum: GHURA Collaboration & Rebrand	Melchor Castigador and Natasha Suba	
An Analysis on the Professionalism and Efficacy of Persons with Tattoos	Rochelle Alviz	
Potential Social Effect of the Metaverse on Gen Z on Guam	Migson Kaborag	
The impact video games have on student engagement	Jonah Hermosilla and Subin Ryu	
Impacts of the Pandemic on Healthcare in Guam	Angelica Racelis	
Understanding the Link Between Social Media and Communication Skills Development	Paul Mendoza	Marshaley Baquiano
Attitudes on the CHamoru Culture	Anesha-Maelene Ignacio	

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
Social Identity Among Guam's Local US Veterans	Daniel Quichocho	
When dependence becomes addiction: The relationship between media dependency and addiction	Josiah Elwell and Franky Hill	
Effects of Social Media Usage on Life Satisfaction	Briante Barretto	
The impact that perceptions of masculinity have on female ROTC college students' aspirations to leadership positions	Carmen Gogue and Eliria Sabeti	
Cultural Influences on Social Identity of CHamorus	Anesha-Maelene Ignacio	Marshaley Baquiano
Psychological Preparedness for Deployment among Military Members	Won Joon Han	Marshaley Baquiano
PSRs and FOMO, understanding the dynamics between parasocial relationship intensity and fear of missing out levels among K-Pop fans	Skyler Obispo and Hacie San Jose	
Puipua le Ola: Increasing reach and uptake of Covid-19 testing among Pacific Islanders in Hawaii and Guam	Rachael Leon Guerrero	
The Unique Role That Family Plays in The Formation of An Individual's Identity	Lolita Blas	Marshaley Baquiano
Invest 10 (I-10): Evaluation of the of 10 Minutes of Self-Care/Stress-Reducing Activities on Nursing Students at the University of Guam	Ana Joy Mendez and Ma. Rona Olalia	
Health care staff implementation of Americans with Disabilities Act responsibilities: barriers and strategies to address	Rosielyn Babauta, Dnp, Rn	
Defying the Odds: Academic Achievement of Poverty-Stricken Students at a Guam Public High School	Jim Reyes	
Physiology of the Marianas Free-Divers	Michael Orr, Ezra Cercera, Peter Lindholm, and Charlotte Sadler	
The effects of the COVID-19 pandemic on mental health of college students in Guam	Aisleabesh Maglaque and Britney Sison	
Middle School Teachers' Knowledge and Implementation of Evidence Based Practices in a General Classrooms	Deirdra R. O'Donnell	
Valorization of calamansi (Citrus microcarpa) for improving food quality, safety, and functional properties	Jian Yang	
2022 Fanomnakan UOG Stopout Survey	Nicolas Yasuhiro	
An Analysis of Listening to BTS Music and Mental Health	Nicholle Pineda	Marshaley Baquiano
An Individual Collective: An Analysis of the CHamoru Identity Crisis	Joaquin P. Taitague	
Recommendations to Solve the Problem of Limited Participation of Students with Orthopedic Impairments at Okkodo High School	Andria Macaraeg	Andria Macaraeg

PROJECT TITLE	PRIMARY RESEARCHER (PI)	FACULTY ADVISOR (IF ANY)
Pacific Judicial Council Education Committee	Carmen Ulloa-Kasperbauer	
Best Practices and Models of Mentoring	Cheryl Sanguenza	
PEACE Partnerships for Success - Needs Assessments (Youth)	Sara Harrell	
APIA Scholars Transfer Student Experience Inquiry	Deborah Leon Guerrero	
Conduct a Cost-Benefit Analysis and Develop a Methodology to Address the Impact of the Compacts of Free Association	Kristina Sayama	
CDC Registry for Bleeding Disorders Surveillance Project	Lee Meadows	
Sexual Risk Avoidance Education	Carlos Taitano	
The Lived Experience of Online dating	Flora Ann Asanoma	Marshaley Baquiano
Exploring Risk and Protective Factors Among Juvenile Youth in the Pacific Island of Guam: A Grounded Theory Study	Casiana Lenae Ceraos Reyes	
Understanding the Information-Seeking Behavior of College Students on Guam: Improving Online Library Services and Access to Digital Resources	Perry Pangelinan and Jeffrey Libao	
Unweaving Family Narratives of CHamorus Affected by Substance Use	Samantha Uncangco-Meno	Marshaley Baquiano
I Fino' CHamoru Edukasion: Student Perceptions of Indigenous Language Education on Guam	Marianna Hernandez	
Developing CHamoru Language Infrastructure: Goggue yan Chachalani Mo'na I Fino'-ta	Robert Underwood and David Ruskin	
Teaching Beyond Five Years: A Study of Special Education Teachers Retention In Public Schools.	Afshin Amoui	
DCP-001 Use of Clinical Trial Screening Tool to Address Cancer Health Disparities in the NCI Community Oncology Research Program (NCORP)	Samir Ambrale	
Understanding and Sensemaking of Institutional Assessment: A Collaborative Autoethnography of Perceptions and Experiences with Assessment Work.	Kathrine Gutierrez	
S1820: A Randomized Trial of The Altering Intake, Managing Symptoms Intervention for Bowel Dysfunction In Rectal Cancer Survivors Compared To A Healthy Living Education Control: A Feasibility And Preliminary Efficacy Study (AIMS-RC)	Samir Ambrale	
WIOA Study	Polly Masga	Jesse Quenga

FIGURE 12

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 recently held a strategic research retreat and solidified our mission, vision, and shared value for research at UOG:

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)

Office of Research and Sponsored Programs (ORSP)



Rachael T. Leon Guerrero, Ph.D.
Vice Provost for Research & Sponsored Programs



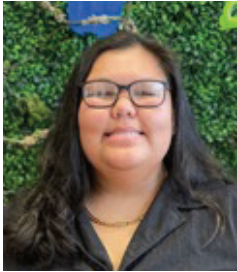
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