



Office of Research & Sponsored Programs

FY 2021 ANNUAL REPORT

Extramural Grant Awards, FY 11 -21
Scholarly Publications, 2020 - 2021
IRB Listing, FY 2021

Office of Research & Sponsored Programs

FY 2021 ANNUAL REPORT

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



Håfa Adai!

In FY2021, we continued to face considerable challenges resulting from the COVID-19 pandemic. Despite these challenges, the University of Guam continued to thrive, thanks to the dedicated and hardworking faculty and staff who remained focused and resilient.

Research is an integral part of our mission, as UOG is a land-grant university. UOG's researchers from the various research units, including the Marine Lab, the Water & Environmental Research Institute, the Western Pacific Tropical Research Center, the Center for Excellence in Developmental Disabilities Education, Research & Service, and the Micronesian Area Research Center, 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 – whether we are studying Karst geology, Guam's aquifer, childhood obesity, factors contributing to cancer health disparities, coral reef health, developmental disabilities, endangered plants, or invasive species – we are contributing to the knowledge and wisdom of our island residents.

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 FY2021, UOG continued its ongoing grants, including the National Science Foundation-funded EPSCoR-GECCO grant, the National Cancer Institute-funded Pacific Island Partnership for Cancer Health Equity (U54-PIPCHE) grant, the National Oceanic & Atmospheric Administration-funded Sea Grant, and CEDDERS funding. We also received new cycles of NASA EPSCoR Research Infrastructure Development funding and funding for the Pacific Islands Climate Adaptation Science Center.

Additionally, the University was extremely fortunate to be granted \$8.5 million from the U.S. Department of Commerce Economic Development Administration to help fund construction of two new buildings on campus. Federal funding to UOG in FY2020 and FY2021 was unusually high, as with most other universities across the country, due to CARES Act funding.

In FY2021, 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.

Many challenges lie ahead for us all, but I am confident in the abilities and commitment of our faculty and staff here at UOG who continue to remain competitive in securing extramural funding. 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'åse,

Rachael T. Leon Guerrero, PhD, RDN

Professor of Nutrition

Vice Provost of Research & Sponsored Programs

CHART 1
Annual Grant Funding
2011 - 2021

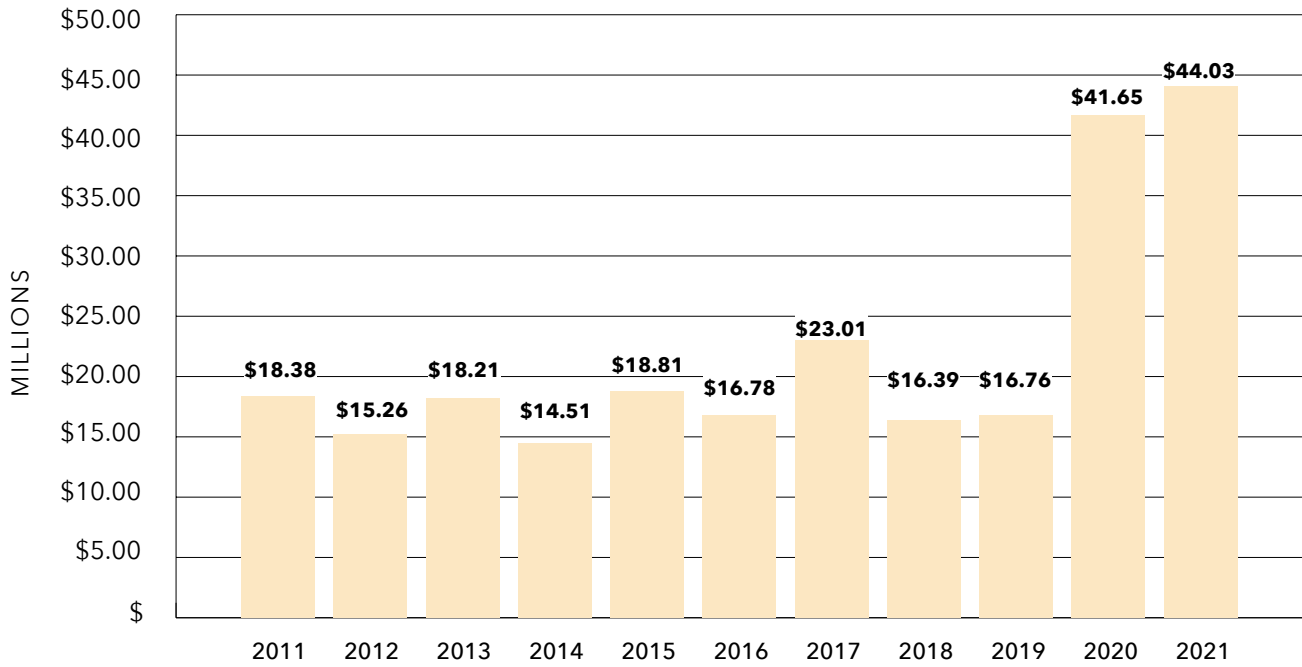


FIGURE 1
Annual Grant Funding
2011 - 2021

Fiscal Year	Grant Amount	Percentage
2011	\$18,378,089.44	7.54%
2012	\$15,255,443.64	6.26%
2013	\$18,208,542.37	7.47%
2014	\$14,514,119.70	5.95%
2015	\$18,811,616.03	7.72%
2016	\$16,781,813.93	6.88%
2017	\$23,014,396.47	9.44%
2018	\$16,390,953.73	6.72%
2019	\$16,757,653.78	6.87%
2020	\$41,652,197.66	17.08%
2021	\$44,030,995.89	18.06%
Grand Total	\$243,795,822.64	100.00%

CHART 2

Federal vs. Non-Federal Awards by Year

2011 - 2021

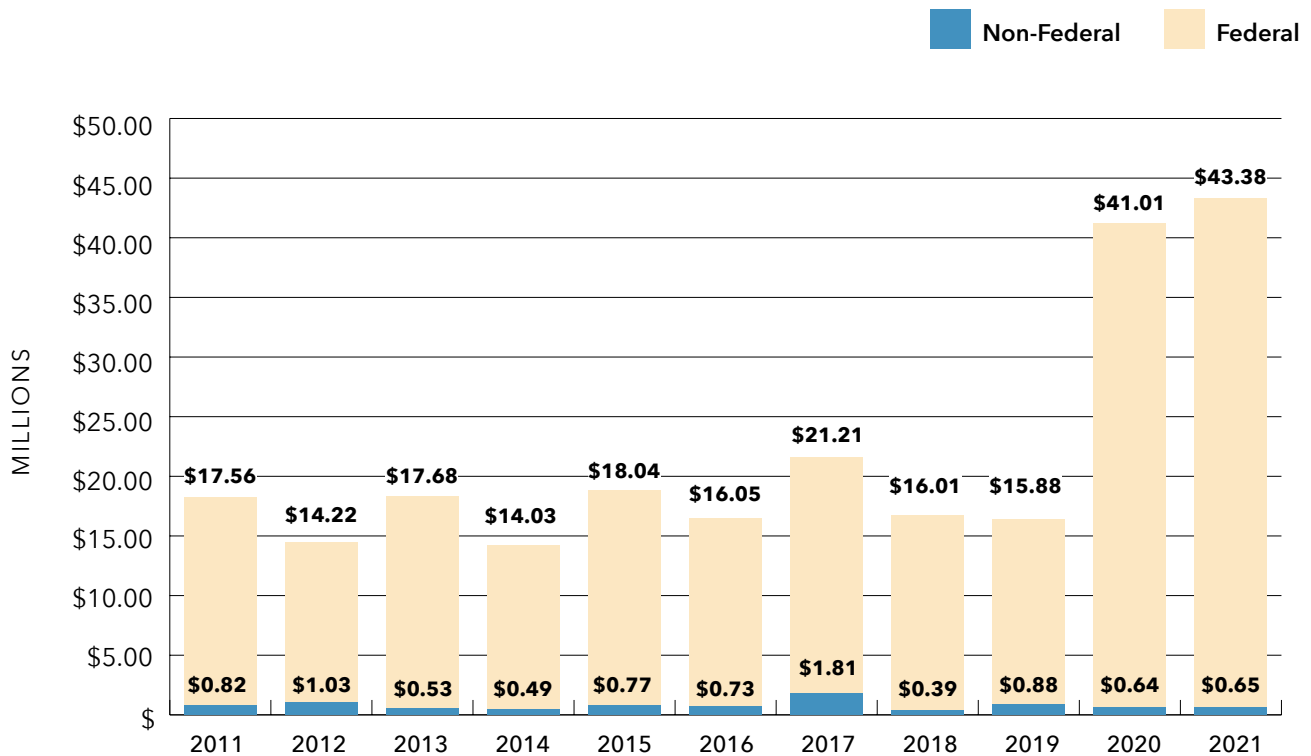


FIGURE 2

Federal vs. Non-Federal Awards by Year

2011 - 2021

Fiscal Year	Federal	Non-Federal	Grand Total
2011	\$17,558,123.44	\$819,966.00	\$18,378,089.44
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	\$15,881,461.98	\$876,191.80	\$16,757,653.78
2020	\$41,011,256.66	\$640,941.00	\$41,652,197.66
2021	\$43,377,594.89	\$653,401.00	\$44,030,995.89
Grand Total	\$235,052,391.30	\$8,743,431.34	\$243,795,822.64

CHART 3
Number of Federal vs. Non-Federal Awards
2011 - 2021

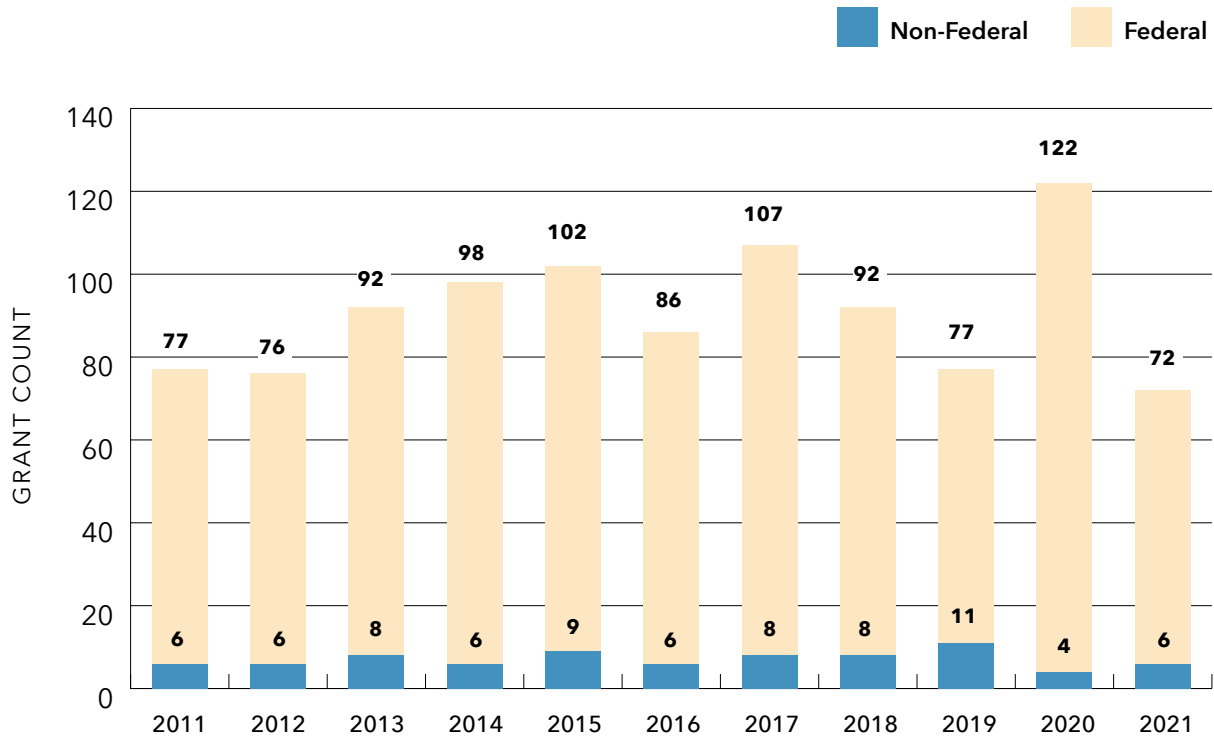


FIGURE 3
Number of Federal vs. Non-Federal Awards
2011 - 2021

Fiscal Year	Federal	Non-Federal	Grand Total
2011	77	6	83
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	77	11	88
2020	122	4	126
2021	72	6	78
Grand Total	1001	78	1079

FIGURE 4

Top Principal Investigators by Funding (≥ \$100K)

2021

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Title
1	Cathleen Moore-Linn (PI), John Jenson (Co-PI), Margaret Hattori-Uchima (Co-PI), Rachael Leon Guerrero (Co-PI)	\$8,500,000.00	ORSP	DOC/EDA	UOG Scientific Education and Research Facilities Construction Project
2	Anita Enriquez	\$6,092,081.00	SVPP	USDOE	CARES Act ARP Student Aid Portion
3	Anita Enriquez	\$6,077,488.00	SVPP	USDOE	CARES Act ARP Institutional Portion
4	Terry Donaldson (PI), Bastian Bentlage (Co-PI), Austin Shelton (Co-PI), Rachael Leon Guerrero (Co-PI)	\$4,624,293.00	ORSP	NSF	EPSCoR GECCO Y2
5	Rachael Leon Guerrero (PI), Margaret Hattori-Uchima (Co-PI)	\$1,422,643.00	ORSP	NCI	U54 PIPCHE Y2
6	Else Demeulenaere	\$999,100.00	SG	DOI/DOAG	Islandwide Habitat
7	Glenn Dulla, Cathleen Moore-Linn	\$866,426.00	RCUOG (DOAg)	DOI/DOAG	Dog Detective
8	Annette Santos, Fred Granillo	\$755,556.00	SBPA	SBA	SBDC
9	Veronica Alave, Margaret Hattori-Uchima	\$749,538.00	SOH	HHS/HRSA/BHW	Geriatrics Workforce Enhancement Program Y3
10	Carlos Taitano	\$589,764.00	GLE	HHS/DPHSS	COVID19 Vaccination Clinic & Outreach
11	June De Leon	\$577,449.00	CEDDERS	HHS/ACL	Guam CEDDERS - CORE Grant
12	Rowena Andrade	\$478,486.00	EMSS	ED	Upward Bound Main 21-22
13	Austin Shelton	\$475,000.00	ORSP	DOC/NOAA	Sea Grant
14	Myeong-Ho Yeo (PI), Yong Sang Kim (Co-PI)	\$443,105.00	WERI	DOD/DON (CESU)	Water Quality Monitoring on JRM Submerged Lands Guam
15	Lovelynn Mongami	\$409,407.00	EMSS	ED	Talent Search
16	James McConnell	\$396,162.00	CNAS	DOD/DON (CESU)	Cycads Monitoring at AAFB & Tinian MLA
17	Annette Santos, Boris Hertslet	\$393,992.00	SBPA	DOD/DLA	PTAC
18	June De Leon	\$361,534.00	CEDDERS	ED-GDOE	SSIP (State Systemic Improvement) GDOE
19	Chrislynn Takawo	\$335,111.00	EMSS	ED	Student Support 21-22
20	Austin Shelton	\$325,000.00	ORSP	DOC/NOAA	Sea Grant

Rank	Principal Investigator	Grant Amount	PI's Unit	Award Sponsor	Title
21	Carlos Taitano	\$310,000.00	GLE	HHS/BBMR	COVID CONT TRA/TNA PR Contact Tracing
22	Brett Taylor	\$279,786.00	MARI	DOC/NOAA	Fisheries/Dev/UTIL Fisheries Development and Utilization
23	June De Leon	\$275,000.00	CEDDERS	HHS/DPHSS	PDG B-5 PRESCHOOL DEVT GRANT
24	June De Leon	\$235,000.00	CEDDERS	HHS/HRSA	Ear-Hear
25	June De Leon	\$232,308.00	CEDDERS	ED/GDOE	GDOE Part B
26	Fran Castro	\$199,849.00	SG	USDA	Ugum Restoration
27	Leslie Aquino	\$173,796.00	ORSP	NASA	NASA RID
28	Shane Siers (UH), Cathleen Moore-Linn	\$168,622.00	RCUOG	HHS/DPHSS	No Wrong Door
29	June De Leon	\$163,601.00	CEDDERS	BBMR	COVID Response
30	Annette Santos	\$150,000.00	SBPA	BBMR	COVID Response
31	June De Leon	\$149,987.00	CEDDERS	ED/GDOE	GEIS Part C-4 GDOE Part C
32	Romina King	\$144,609.08	MARC	DOI/USGSUH	PICASC - Coral Reef Bleaching
33	Margaret Hattori-Uchima	\$142,479.00	SOH	NIH-PSU	EXITO RESEARCH CORE
34	June De Leon	\$142,297.00	CEDDERS	PW Ministry of Ed, Sp Ed	Palau Contract Part B
35	Glenn Dulla, Cathleen Moore-Linn	\$140,000.00	RCUOG (DOAg)	USDA	CRB Management
36	Romina King	\$140,000.00	MARC	DOI/USGSUH	Pacific Island Climate Science Center
37	Fran Castro, Peter Houk	\$134,665.00	CIS MARI	DOD/DON (CESU)	Coral Bleaching and Crown of Thorns (COTS) Monitoring on JRM Submerged lands
38	June De Leon	\$127,329.00	CEDDERS	HHS	ACT ATSG
39	Tanisha Aflague (PI), Rachael Leon Guerrero (Co-PI)	\$124,968.00	CNAS	USDA/NIFA-UH	CHL Center Children's Healthy Living 597,267 (9/1/21-8/3/26) 5YR
40	Rachael Leon Guerrero	\$111,903.00	ORSP	HHS/NIH/ UH - COVID RADx-UP	COVID RX-UP
41	June De Leon	\$100,000.00	CEDDERS	HHS/HRSA/ AMCHP	CARES ACT
42	June De Leon	\$100,000.00	CEDDERS	HHS/DPHSS	Guam's Early Childhood Home Visiting Program: Project Bisita I Familia

CHART 4
Grant Awards by College/Department
2021

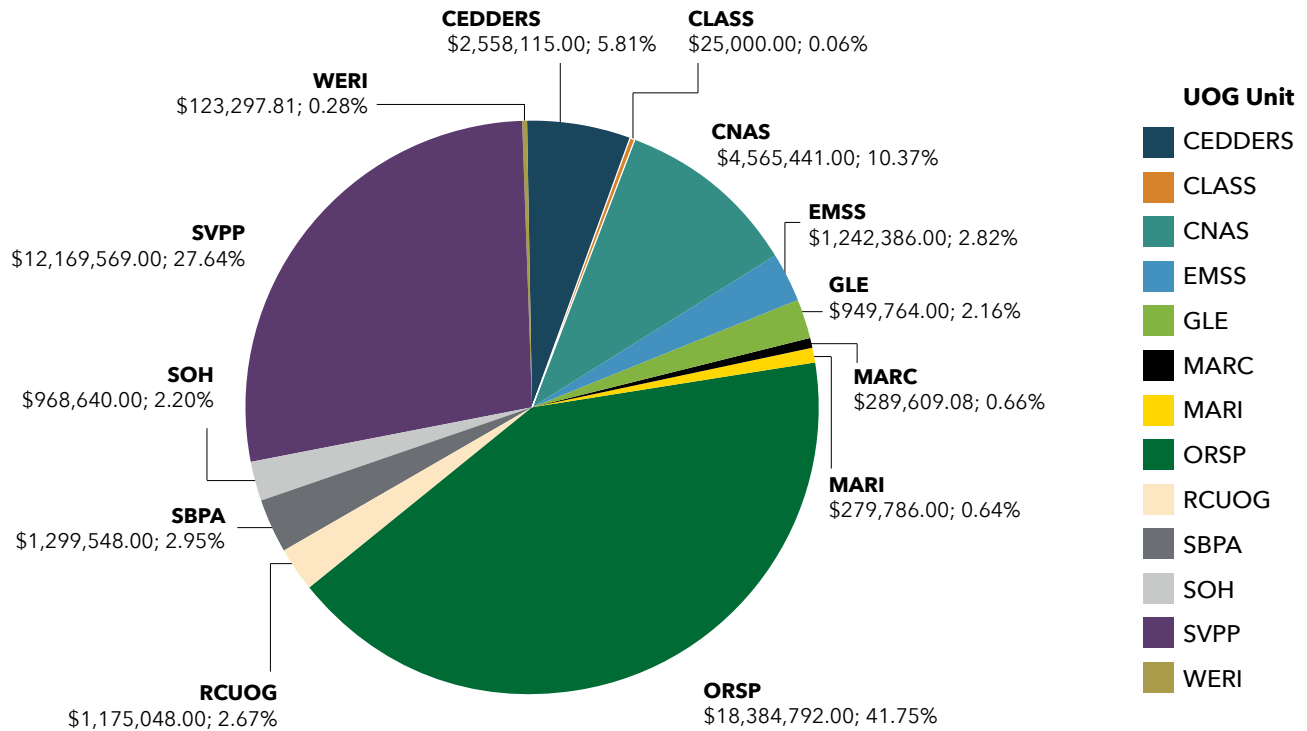


FIGURE 5
Grant Awards by College/Department
2021

Row Labels	Sum of Grant Amount	Percentage
Office of Research and Sponsored Programs (ORSP)	\$18,384,792.00	41.75%
Office of the Senior Vice President & Provost (SVPP)	\$12,169,569.00	27.64%
College of Natural & Applied Sciences (CNAS)	\$4,565,441.00	10.37%
Center for Excellence in Developmental Disabilities Education, Research & Service (CEDDERS)	\$2,558,115.00	5.81%
School of Business & Public Administration (SBPA)	\$1,299,548.00	2.95%
Enrollment Management & Student Success (EMSS)	\$1,242,386.00	2.82%
Research Corporation of the University of Guam (RCUOG)	\$1,175,048.00	2.67%
School of Health (SOH)	\$968,640.00	2.20%
Global Learning & Engagement (GLE)	\$949,764.00	2.16%
Micronesia Area Research Center (MARC)	\$289,609.08	0.66%
Marine Laboratory (MARI)	\$279,786.00	0.64%
Water & Environmental Research Institute (WERI)	\$123,297.81	0.28%
College of Liberal Arts & Social Sciences (CLASS)	\$25,000.00	0.06%
Grand Total	\$44,030,995.89	100.00%

CHART 5
ORSP Awards by Sponsor
2021

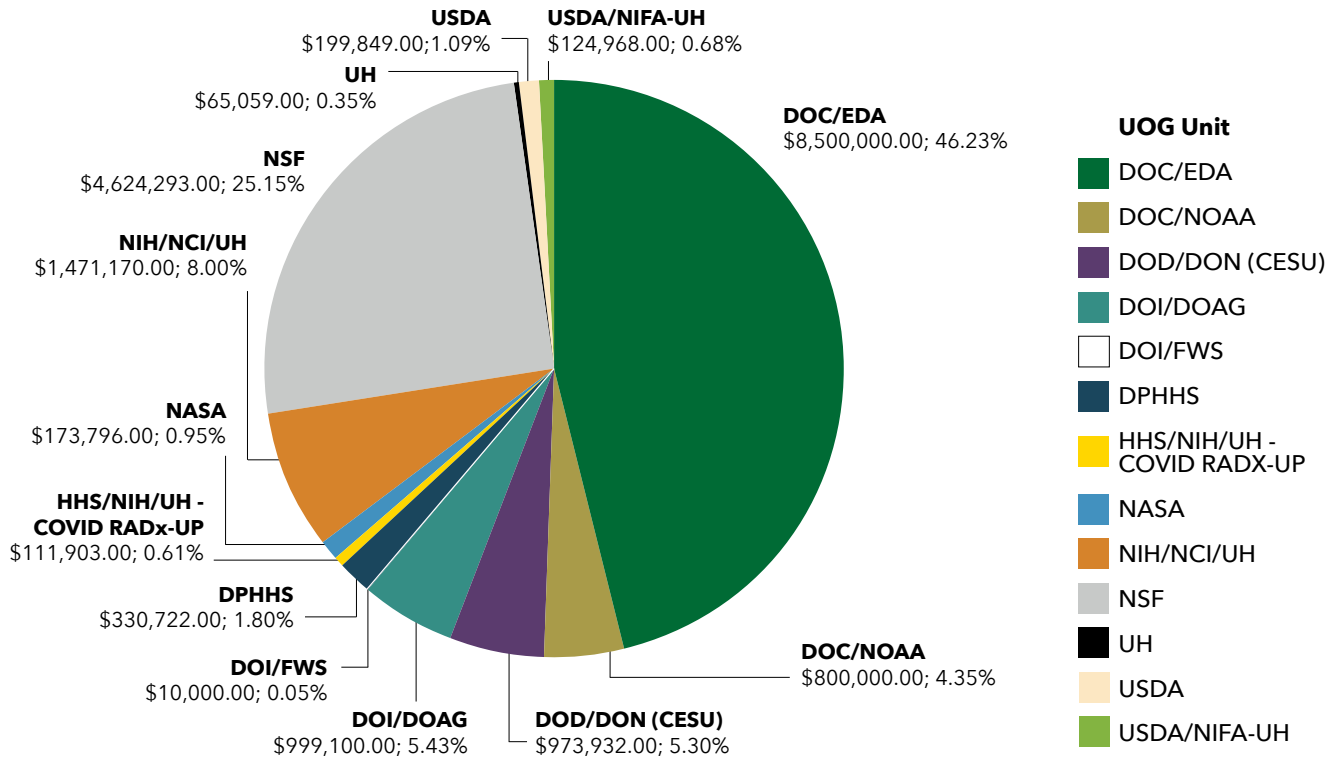


FIGURE 6
ORSP Awards by Sponsor
2021

Sponsor and Project	Sum of Grant Amount	Percentage
DOC/EDA WERI Building & Nursing Building Annex	\$8,500,000.00	46.23%
NSF EPSCoR GECCO	\$4,624,293.00	25.15%
NCI U54 PIPCHE Cancer Grant	\$1,471,170.00	8.00%
DOI/DOAG	\$999,100.00	5.43%
DOD/DON Cooperative Ecosystem Study Unit (CESU) Projects	\$973,932.00	5.30%
DOC/NOAA Sea Grant	\$800,000.00	4.35%
DPHHS Guam Cancer Registry	\$330,722.00	1.80%
USDA Sea Grant Ugum Restoration Project	\$199,849.00	1.09%
NASA EPSCoR RID (Research Infrastructure Development)	\$173,796.00	0.95%
USDA/NIFA-CHL Food System Project	\$124,968.00	0.68%
HHS/NIH/UH - COVID RADx-UP	\$111,903.00	0.61%
NIH/CDC RADX-Up COVID Grant	\$65,059.00	0.35%
DOI/FWS Atantano Reviving Historical and Biological Connections with the Land	\$10,000.00	0.05%
Grand Total	\$18,384,792.00	100.00%

FIGURE 7
Grant Funding by Sponsor
2011 - 2021

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
AUAS/DAN	1	\$10,000.00
BBMR	2	\$900,000.00
Black Construction Corp	1	\$25,500.00
BSP	5	\$667,413.00
CHLA	1	\$30,000.00
CIS	1	\$377,956.00
CNMI PSS	3	\$897,480.00
DOAG	1	\$242,726.00
DOC	1	\$16,201.00
DOC/EDA	2	\$8,690,000.00
DOC/NOAA	29	\$5,526,050.00
DOC/NOAA/BSP	20	\$2,446,590.68
DOC/NOAA/CRCP	1	\$71,216.00
DOC/NOAA/GVB	1	\$50,000.00
DOC/NOAA/MCT	5	\$402,715.00
DOC/NOAA/TNC	1	\$58,306.00
DOC/NOAA/UH	1	\$140,000.00
DOC/NOAA-BSP	1	\$50,000.00
DOC/USCB/BSP	2	\$468,500.00
DOD/DLA	11	\$3,450,391.00
DOD/DON	3	\$1,249,652.97
DOD/DON (CESU)	44	\$14,594,981.69
DOD/DON/ONR	2	\$465,000.00
DOD/GANG	1	\$23,865.00
DOD/OEA	1	\$405,166.00
DOD/USACE/ CESU (Alaska)	1	\$743,867.00
DOE/GEO	1	\$460,762.00
DOI	18	\$6,937,698.00
DOI/BSP	12	\$671,160.00

Sponsor	Number of Awards	Sum of Grant Amount
DOI/COD	2	\$290,000.00
DOI/DOAG	4	\$1,907,950.00
DOI/FWS	3	\$89,982.00
DOI/NPS	11	\$653,778.50
DOI/OIA	3	\$453,681.00
DOI/UH	1	\$72,000.00
DOI/USGS	130	\$3,138,724.79
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/OVW	1	\$300,000.00
DON	1	\$209,804.00
DOS	1	\$19,740.00
DPHHS	11	\$2,461,694.00
DPHSS	1	\$123,915.00
Duenas & Associate	1	\$65,018.00
ED	49	\$39,646,718.00
ED/GDOE	34	\$7,096,360.20
ED/OCTAE/GCC	1	\$300,000.00
ED/San Jose State University (PT)	2	\$151,000.00
ED/UCORP	1	\$25,911.00
ED/WestEd	1	\$55,000.00
EPA	4	\$331,359.00
FEMA/GHS/OCD	1	\$419,025.00
FHCRC	1	\$8,000.00
Ford Motor CompanyW	1	\$15,000.00
FSM National DOE	6	\$567,045.37
FWS	3	\$388,731.00
GBHWC	1	\$19,382.00
GDOE	3	\$391,461.40

Sponsor	Number of Awards	Sum of Grant Amount
GEPA	3	\$183,996.00
GG	4	\$808,804.00
GovGuam	2	\$53,699.00
Granite-Obayashi Construction (JV)	2	\$160,978.00
GVB	1	\$5,000.00
GWA	2	\$91,792.06
Harvard	1	\$314.68
HHS	6	\$1,325,760.00
HHS/ACL	21	\$7,313,271.71
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/UH	2	\$177,237.00
HHS/DPHSS	27	\$3,701,103.40
HHS/HRSA	25	\$8,412,619.48
HHS/HRSA/AMCHP	1	\$100,000.00
HHS/HRSA/BHW	3	\$2,254,026.00
HHS/HRSA/EHDI	9	\$1,311,747.00
HHS/MCH	2	\$126,336.25
HHS/NIH	6	\$5,947,574.46
HHS/NIH/NIMHD - U24 PICCAH	5	\$2,795,683.00
HHS/NIH/UH - COVID RADx-UP	2	\$115,159.00
HHS/UH	3	\$285,441.00
HSS	1	\$243,440.00
HSS/DPHSS	4	\$197,014.00
IMLS	1	\$97,792.00
IMLS/NLG-L	1	\$125,339.50
KAHA	8	\$47,000.00
MAA	3	\$15,400.00
McRel Pacific	1	\$593,863.00
MCT	2	\$100,556.06

Sponsor	Number of Awards	Sum of Grant Amount
Merrick & Company	1	\$186,480.00
NARA/NHPRC	1	\$142,078.00
NASA	7	\$1,596,771.89
NASA/UH	1	\$249,999.25
NFWF	6	\$1,189,041.32
NIH/NCI/UH	10	\$7,525,154.00
NIH/PSU	15	\$1,531,420.00
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	15	\$17,863,336.00
NSF/AU (PT)	1	\$39,000.00
NSF/BCS	1	\$274,312.00
NSF/MAA	3	\$86,374.00
NSF/RIG	1	\$194,134.00
NSF/UH	6	\$304,923.00
NSF/UNH	1	\$43,446.00
ORSP/GCTF	1	\$32,130.00
PFM Inc	1	\$218,843.00
PIHOA	1	\$24,570.00
PW Ministry of Ed, Sp Ed	10	\$1,174,739.00
RCUH	1	\$8,342.35
SBA	83	\$9,654,234.00
SCS	1	\$25,260.00
Sundance	2	\$72,543.00
Tides Center	1	\$4,000.00
TNC	1	\$33,773.76
UH	7	\$571,812.00
UH Sea Grant	1	\$40,000.00
University of Otago (New Zealand)	1	\$22,645.00

Sponsor	Number of Awards	Sum of Grant Amount
UOG EF	1	\$45,000.00
UPEI	1	\$7,518.00
USDA	29	\$3,329,871.37
USDA/AMS/BBMR/DOAG	1	\$203,840.63
USDA/AMS/DOAG	1	\$210,938.97
USDA/APHIS	21	\$1,467,012.00
USDA/APHIS/DOAG (PT)	1	\$58,062.00
USDA/APHIS/PPQ	42	\$1,574,233.00
USDA/CSU	1	\$5,000.00
USDA/CTSA	1	\$12,800.00
USDA/DOAG	7	\$970,094.03
USDA/DPHSS	9	\$1,391,056.00
USDA/FS	16	\$1,809,110.74
USDA/Idaho	1	\$30,000.00
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
USDA/NASS	1	\$25,000.00
USDA/NIFA	73	\$31,369,816.00
USDA/NIFA/MSU	3	\$401,536.00
USDA/NIFA/UH	2	\$408,968.00
USDA/NIFA/USU	7	\$284,263.70
USDA/NMC	1	\$6,500.00
USDA/NRCS	2	\$149,961.00
USDA/OIA	1	\$63,816.00
USDA/UCDavis	3	\$104,315.00
USDA/UH	7	\$2,795,486.00
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

GRAND TOTAL

Number of Awards:
1080

Sum of Grant Amonut:
\$243,935,822.64

CHART 6

Number of Research and Scholarly Publications by College/Department 2020 - 2021

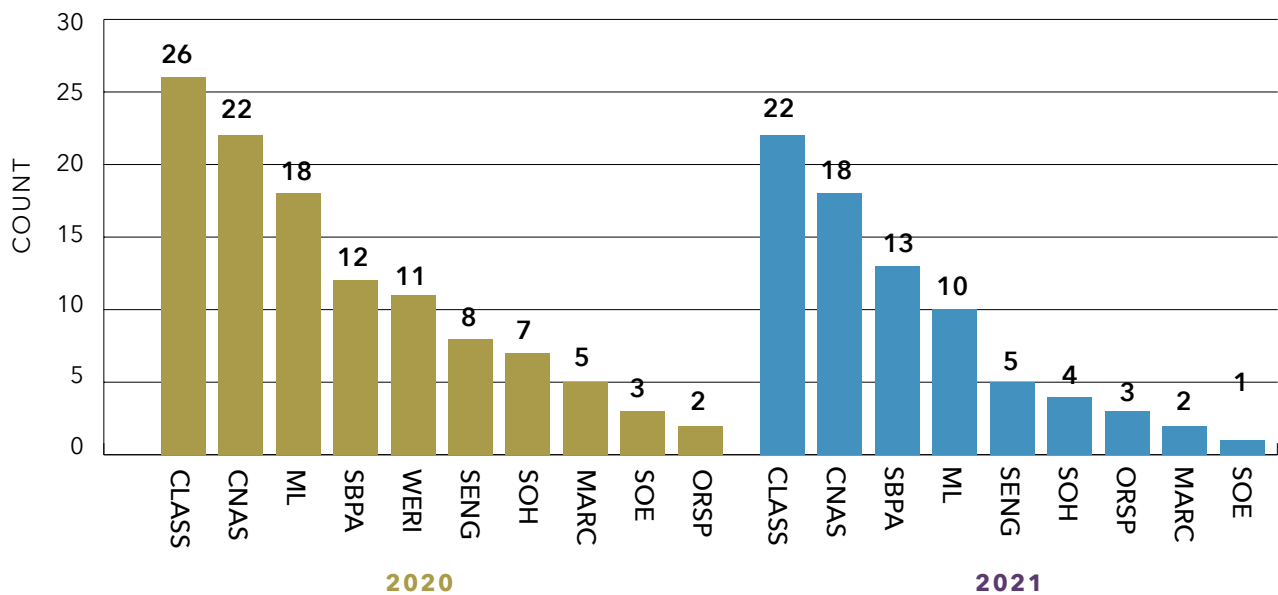


FIGURE 8

Number of Research and Scholarly Publications by College/Department 2020 - 2021

2020		2021	
Unit	Publications	Unit	Publications
College of Liberal Arts & Social Sciences (CLASS)	26	College of Liberal Arts & Social Sciences (CLASS)	22
College of Natural & Applied Sciences (CNAS)	22	College of Natural & Applied Sciences (CNAS)	18
Marine Laboratory (MARI)	18	School of Business & Public Administration (SBPA)	13
School of Business & Public Administration (SBPA)	12	Marine Laboratory (MARI)	10
Water & Environmental Research Institute (WERI)	11	School of Engineering (SENG)	5
School of Engineering (SENG)	8	School of Health (SOH)	4
School of Health (SOH)	7	Office of Research & Sponsored Program (ORSP)	3
Micronesia Area Research Center (MARC)	5	Micronesia Area Research Center (MARC)	2
School of Education (SOE)	3	School of Education (SOE)	1
Office of Research & Sponsored Program (ORSP)	2	Total	78
Total	114		

Research and Scholarly Publications

2021 - 2022

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List of IRB-Approved Projects

2021

FY2021 was a busy year for the UOG Committee on Human Research Subjects (CHRS/IRB). A total of 160 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)
A Millennial Girl in a Polarized World: An Analysis of Polarized behavior among Twitter users who interact with Cancel Culture and Stan accounts with Fandoms	Jasmin Marie Guerrero	Lilnabeth Somera
Heart but no Home Viewer Survey	Angelina-Marie C. Lape	Margaret Hattori-Uchima
#Fitspiration: a study on the parasocial relationships of Instagram fitness influencers and college students and how it affects their choice aimed at a healthier lifestyle	Kimberly Teves	Lilnabeth Somera
#VoteForMe: Local political candidates influence on young voters' political support using Twitter	Bradley Bartonico	Lilnabeth Somera
2021 Guåhan Survey: Identify, Community, and Future	Ngoc T. Phan Kevin Lujan Lee	
A Critical Ethnography of <i>CHamoru</i> Women Reporting Intimate Partner Violence in Guam	Seahara T. Cruz	Rita Sharma
A mediation model of acculturation, enculturation, and mental health among Asian American/ Pacific Islander immigrants on Guam	Jean Margarete Santos	Yoshito Kawabata
A Study of University Student's Attachment Styles, Loneliness Level and Virtual Communication in Guam	Chi Man Santos (Suki)	Paul F.J. Fleming
Access to Online-Based Psychotherapy During SAR-CoV-2 (COVID-19) Pandemic Among Adults on Guam	Sabrina Zhi	Angeline Ames

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Acculturation: Palauan Social Stigmas Towards Seeking Mental Health Services	Clint M. Ngemaes Jr.	Yoshito Kawabata
Aging and Disability Resource Center/No Wrong Door (NWD) Rapid Assessment of COVID-19 Pandemic Response	Michelle Aguigui Josephine Cruz Joseph Mendiola	
Agriculture on Guam: Challenges and Opportunities Ahead	Kuan-Ju Chen Jesse Bamba	
An Analysis of Seasonal Affective Disorder in Guam	Rochelle Alviz	Angeline Ames
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	Hope Evangelista	Tanisha Aflague
Analysis of the Social Vulnerability Index forum breakout session discussions	Yvette Paulino	
Assessing how Apprenticeships for <i>I Man Yo'amte Siha</i> (<i>CHamoru</i> Traditional Healers) can be done in a culturally responsive way	Tricia A. Lizama	
Assessment and Intervention of Struggling Readers & Writers	Catherine Stoicovy	
Authentic Experiences of <i>CHamoru</i> Students During the COVID-19 Pandemic	Perry J. C. Pangelinan	
Beginning Farmer & Rancher Needs Survey	Erica Pangelinan Rita Barcinas	
Belongingness and Authenticity Among College Students in the Pacific	Debra T. Cabreara	
Betel Nut Chewing and Liver Cancer Development in Guam	Yvette C. Paulino	
Brain Break Effectiveness on Student Achievement in an Elementary Classroom	Angelica Gabriel	Rowena Vega Castro
Bystander Theory: Promoting Communication Through an Awareness of the Bystander Theory in the Campaign to Deter Sexual Assault	Kirsten Dahilig	Lilnabeth Somera
Calculating the Social Vulnerability Index for Guam	Yvette C. Paulino	
Case Study: The Threat to <i>Litekyan</i> as a Driver for a Social Movement Towards the Protection of Biocultural Diversity and the Restoration of Land Sovereignty	Else Demeulenaere	Donald Rubinstein
Categorization of Semantically Different Stimuli	Paul F. J. Fleming	
CDC Registry for Bleeding Disorders Surveillance Project	Lee Meadows	
<i>CHamoru Yu'?</i> : Mixed Perspectives	Alea Dugan	Todd Ames
Children's Healthy Living Program (CHL Center)	Rachael T. Leon Guerrero	
Climate Change on Guam: The Effects Eco-Anxiety has on Residents	Jacky Chen	Angeline Ames

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Cognitive Factors in Phoneme Representation	David Ruskin	
Cognitive Interviews with EFNEP Participant for Development of a Retrospective Pretest-Posttest Evaluation Survey	Qing Chen,	Tanisha Aflague
Colonial Mentality Effects on Mental Health in CHamoru Adults	Miranda Duenas	Yoshito Kawabata
Contributors of Hormonal Contraceptive Use Among Women	Stephenie Andriana G. Santos	Angeline Ames
Coping with COVID-19 pandemic: Mindfulness Practice Effects on Psychological Distress in College Students on Guam	Lianna Santos	Yoshito Kawabata
COVID-19 effects on the mental health of parents with young children	Aiesha Castro	Yoshito Kawabata
COVID-19 Impact on Guam Residents	Roseann M. Jones	
Cross-Sectional Analysis of Areca Alkaloids in Buccal Cells and Hair from Areca Nut as Candidate Biomarkers for Short- and Long-Term Areca Nut Exposure	Ana Joy Mendez	
Curricular Integration: Dementia Training for BSN program Pilot Pre/Post Test	Margaret Hattori-Uchima	
Cyanotoxins and Liver Cancer Development in Two High-Risk Populations	Laura Biggs Yvette Paulino	
Cyberbullying and Depression	Daniel Dimag	Yoshito Kawabata
DCP-001 (Partial Waiver of Authorization for Recruitment)	Samir Ambrale Sasha Madan	
Deconstructing Decolonization Through Conversations	Natasha L. Suba	Mary T. Cruz
Depressive Symptoms in Korean Americans in Guam	Hannah Y. Yi	Yoshito Kawabata
Developing a Validity Argument Case for Locally-Developed University English Placement Testing from an Ethical Perspective	Lynsey Lee	Bryna Siegel Finer
Developing CHamoru Language Infrastructure: <i>Goggue yan Chachalani Mo'na I Fina'ta</i>	Robert Underwood David Ruskin	
Diabetes knowledge, perceptions, and risk factors and their influence on lifestyle and dietary behaviors among college students in Guam	Britney Sison	Angeline Ames
Differences in Psychological Stigma and Help-Seeking Behavior between Asians and Pacific Islanders	Kycel Butters Bonnie Bowers Caroline Mann	Bonnie Bowers
Diving Deep or Surface Floating: A Study on Filipino College Students' Pseudo-Cultural Identity Formation and Its Relation to Their Social Media Engagement	Isaac P. Novilla	Lilnabeth Somera
Effectiveness of Game-Based Learning in a High School Elective Course	Denise Fhaye O. Carlos	Rowena Vega Castro

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Effectiveness of Khan Academy as a Supplemental Instruction to Elementary Students	Victoria Ashley C. Cheng	Rowena Vega Castro
Effects of COVID-19 stress on UOG Students' Mental Health and Academic Motivation	Diana T. Patis	Yoshito Kawabata
Empowerment	Annette Espinosa	Tim Dela Cruz
EPIK in name only: A study of Korean students' experiences with the English Program in Korea	Brian Legaspi	Geraldine James
Estimating commercial fish catches through fish market surveys and interviews	Frank A. Camacho Peter Houk	
Examining Integrated Learning Activities in an OER Textbook	Tanisha Aflague	
Exploring Millennials' Perceptions of Government Communications in COVID-19	Angela Mae Echon	Lilnabeth Somera
Factors Influencing Young Adults' Decisions to Pursue Agriculture as a Career on Guam	Rita Barcinas	Yoshito Kawabata
FEAST - Food Experiences for Agriculture Science Training	Lori Andersen	
Female Delinquency and the Different Kinds of Abuse: What do you Believe?	Yna Poquiz	Todd Ames
Flipped Classroom Learning in the Face-to-Face Pandemic Affected Classroom	Mica M. C. Perez	Rowena Vega Castro
Following the Hyperuricaemic Trail - Pilot Test in Guam	Frank A. Camacho	
Food Consumption by Young Children in Guam	Michelle Blas Laguana	
Food Sovereignty and Security on Guam	Simone Bollinger	Todd Ames
Gender roles and expectations in Chamorro Families in Modern Times	Flora Ann Asanoma	Angelina Ames
Geriatrics Workforce Enhancement Program	Margaret Hattori-Uchima	
Gratitude writing and effects on self-compassion	Leomar Torcelino	Yoshito Kawabata
Grit, psychological well-being, and academic performance for student veterans on Guam: A non-experimental study	Arwen Franquez	Mei Jang
Guam Area Health Education Center (Guam AHEC)	Margaret Hattori-Uchima	
Guam Consumers' Knowledge of and Attitude towards GMO foods and Labelling Practices	Andrea L. Blas Kuan-Ju Chen Anthony R. Delmond	
Guam COVID Alert App Survey	John Rivera Julian Zlatev	
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 (DPHSS) Grazyna Badowski (UOG) Ana Joy Mendez (UOG)	
Guam fish flow: the importance of subsistence fisheries to society and culture	Leilani Sablan	Peter Houk

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Guam Homeless Coalition "Heart But No Home" Viewer Survey	Angelina Lape Margaret Hattori-Uchima	
Guam Homeless Coalition Unsheltered Outreach	Samantha Taitano April Trinidad	
Guam Invasive Species Perception Survey	Glenn Dulla Erica Pangelinan Jane Dia	
Guam National Health Interview Survey	Yvette C. Paulino	
How Personality Influences the Attachment Style of a Close Relationship	Milagros King	Yoshito Kawabata
<i>I Lina'la-Hu (MyLife)</i>	Melissa A. Rhea	
Improving the Drop Out Rate at John F. Kennedy High School	Germaine Maduro	Drew Van Dam
Influence of Social Media Use on Discrimination	Anissa Danica Dela Rosa	Yoshito Kawabata
Integration of Technology in the Teaching of English as a Second Language	Sabu Kallingal	Kevin Freer
Investigation of geminate productions in <i>CHamoru</i>	Thomas John Mendiola Santos	David Ruskin
Juvenile Delinquency and Punishment	Nicole Marin	Todd Ames
<i>Malak Na Haani (Bright Futures)</i>	Melissa A. Rhea	
<i>Maolek Na Lina'la (Life is Good)</i>	Melissa A. Rhea	
Mask On, Mask Off	Kayla Allyn Eata	Lilnabeth Somera
Mental and Socio Emotional Health of School Administrators and how it Affects their Role as School Leaders	Mark Ganeb	Geraldine James
Mentoring experiences of women leaders in Pacific Island community colleges	Christine B. Sison	Cynthia Howell
Metabolic risk factors associated with areca nut usage in Guam	Darlene P. Ferrer	Yvette C. Paulino
Middle School Teachers' Perceptions on Ability Grouping on Guam	Camalin Perez	Geraldine James
NIH BUILD	Margaret Hattori-Uchima	
No More Evictions: The effect of a pandemic on Guam's Housing Market	Angelo Paule	Maria Claret Ruane
NSF INCLUDES SEAS: Islands Alliance	Austin Shelton Cheryl Sanguenza Else Demeulenaere	
NSF Seas Alliance Overall IRB with WestEd and other partners	Else Demeulenaere Cheryl Sanguenza Austin Shelton	
One to one instructional aides perceptions of their working relationships with teacher supervisors: A case study in one Guam high school	Rosalina San Nicolas	Geraldine James

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Pacific Island Cohort of Cardiometabolic Health (PICCAH)	Margaret Hattori-Uchima Rachael Leon Guerrero	
Pacific Island Cohort of College Students	Yvette C. Paulino	
PEACE Partnerships for Success - Needs Assessments (Adults)	KristiAnna Whitman	
PEACE Partnerships for Success - Needs Assessments (Youth)	KristiAnna Whitman	
Perceptions and attitudes towards risk in outdoor activities	Dirk HR Spennemann	
Perceptions of Guam Department of Education Teachers Concerning Remote Learning During Unplanned School Closure	Rowena Vega Castro Jackysha Green	
Perceptions of Wildfire and Wildfire Management on Guam	Farron Taijeron	Angeline Ames
Physiology of the Marianas Free divers	Michael Orr Megan Gimmen Ezra Cervera	
Political Appointees in the Government of Guam: Implications of the Cultural, Socio-political, and Administrative Realms	Adrian E. Davis	Gena A Rojas
Positive Effects of Quarantine	Anesha-Maelene Ignacio	Angeline Ames
Prevalence of Food Insecurity in the US Affiliated Pacific Region	Tanisha Aflague L. Bob Barber Mark Acosta	
Project <i>Isa-Ta</i> : PREP PATHways	Melissa Rhea	
Promoting Social Competence and Resiliency to Resist Substance Use Among Guam's Youth, Study 1: Focus Groups and Key-Informant Interviews	Francis Dalisay, Yoshito Kawabata	
<i>Puipua le Ola</i> : Increasing reach and uptake of COVID-19 testing among Pacific Islanders in Hawaii and Guam	Rachael T. Leon Guerrero	
Refining the Cessation Approach in the Betel Nut Intervention Trial (BENIT)	Gena A. Rojas Yvette Paulino	
Relational Victimization, Depression, and Academic Motivation	Herbert Tom	Yoshito Kawabata
Self-Harm Narratives of Adolescents in Guam	Mayumi Krause	Sharleen Santos-Bamba
Senior (<i>manamko</i>) to Senior (high school/college student) Intergenerational Exchange Video Interview Project	Timmy de La Cruz Kristina Sayama	
Stress, Traumatic Experiences, and Coping Among Law Enforcement Officers in the Pacific Island of Guam	Amber Henricksen	Rita Sharma
Student Experiences During COVID-19 pandemic	Mary Jane Miller	
Study on student engagement and enhance learning by having students use online resources and videos compared to using hands-on activities	Ruben Navarrete	Mary Jane Miller

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Suicide on Guam: The association between gender, age, ethnicity and suicide method	Gabriel Borg	Yoshito Kawabata
Survey of student perceptions of online learning in CNAS courses	Frank A. Camacho and Maika Vuki	
Survival Analysis of BRISK Participants	Rachael T. Leon Guerrero	
Teachers At-Risk: A Case for Good Mental Health as an Essential Factor in Teacher Effectiveness	James M. Rayphand	Troy McVey
Teachers' Perceptions on Remote Learning in Response to Unplanned School Closure in School K-12 Setting	Rowena Vega Castro & Jackysha Green	
The 21st Century K-pop Stan: The Influence of Parasocial Relationships on Kpop Fans' Purchase Behaviors	Marilea Torcelino	Lilnabeth Somera
The assessment of carbonyl compound in e-cigarettes and the potential effects on human health	Mackenzie Shae Urbano	Maika Vuki
The Association Between Body Dissatisfaction	Christian Sourgose	Yoshito Kawabata
The association between Online Classes and Mental Health	Johanna Alexis Rengiil	Yoshito Kawabata
The Associations Between Stress, Physical Activity, & Health During COVID-19	Eries Jay D. Moreno	Yoshito Kawabata
The Betel Nut Intervention Trial (BENIT)	Yvette C. Paulino	
The Correlation Between Attachment Insecurity and Symptoms of Depression	Aleah Carino	Yoshito Kawabata
The Correlation Between Music Listening and Stress and Anxiety	Paulani Untalan	Yoshito Kawabata
The Correlation between Social Media Engagement and Anxiety and Depression	Zoe Surber	Yoshito Kawabata
The Departure of Knowledge: Brain Drain in Guam	Melissa Quintanilla Teachnor	Debra T. Cabrera
The Effectiveness of Assignment Slips as Reminders for Homework Submission in Middle School Reading	Jessica Laurora Manalo	Rowena Vega Castro
The Effectiveness of Game-Based Learning in Middle School Math	Nathaniel Macaraeg	Rowena Vega Castro
The Effectiveness of Pre-recorded Video Lessons on a Middle School Online Language Arts Class	Angelica D. Dela Cruz	Rowena Vega Castro
The Effects of Bell Ringers on Student Vocabulary Achievement and Acquisition	Magdalena Lunod	Mary Jane Miller
The Effects of Immediate Feedback On ELL's Reading Assessments in ESL Classrooms in Pohnpei	Beverly Ilemangilish	Zenaida Natividad
The Effects of Peer Feedback on Students' Academic Success	Joshua JC Reyes	Rowena Vega Castro
The Effects of Quizzizz on Student Achievement in an Online Math Classroom	Jayson O. Morales	Mary Jane Miller

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The Impact of English Proficiency to Safe Medication Among English as Second Language Patients in Guam	Aisleabesh Maglaque	Angeline Ames
The Impact of Spaced Repetition on Student Academic Performance in a High School Science Classroom	Meghan Borja	Rowena Vega Castro
The Impact of Stress on Intrinsic Motivation and Work Performance	Riza Sejalbo	Yoshito Kawabata
The Impact of the COVID-19 Pandemic on the Well-being of Frontline Healthcare Personnel: A Descriptive Phenomenological Study	Natalia Faculo	Wes Rangel
The Influence of Religiosity/Spirituality on Factors of Positive Psychology	Elena Kedziora	Yoshito Kawabata
The Positive effects of online learning	Flora Ann Asanoma	Angeline Ames
The Presence of LGBTQ+ themes and attitudes in Children's animated television. A content analysis of modern children's cartoons.	Lauren Garcia	Lilnabeth Somera
The Relationship between Teacher Efficacy and ESL Student Performance	Cassandra R. Sachdev	Geraldine James
The Stigmatization of Mental Health Problems Among Filipino Americans in Guam	Frezza C. Edubalad	Yoshito Kawabata
The Sustainability of the two-party system on Guam	Joaquin P. Taitague	Mary Cruz
The transgender community: The Deception of the Binary Gender System	Angelina De Leon	Angeline Ames
To binge or not to binge: College students motivators for binge watching	Ingrid Toyama	Lilnabeth Somera
Traditional And New Lifestyle Interventions for Breast Cancer Prevention (TANICA)	Tanisha Aflague (UOG) Monica Esquivel (UHM)	
Tunes in the Classroom: The Relationship between Background Music in the Classroom and Student Performance and Behavior	Marie Lourdes Ibardolasa	Rowena Vega Castro
Understanding Landowner Perspectives on Guam's Mangroves	Cara Lin Whitney Hoot Marie Auyong	
UOG Ombuds Survey	Jim Hollyer	
Video Games and Cognitive Functions	Jerald Joson	Yoshito Kawabata
WestCare Pacific Islands Coalition for Drug-Free Dededo (CDFC) DFC	Melissa Rhea	
Western Regional Agricultural Stress Assistance Program (WRASAP)	Kuan-Ju Chen	
Writer's Stories about Editing: Cross-cultural Considerations in the Editing of the English Language Work of Translingual Writers in Guam	Carol D. Simpson-Warner	Sarah Stanley
Youth go Local (YoLo): A study to promote local fruits & vegetables to improve diet quality and prevent disease among teens in Guam	Sophia Torcelino	Tanisha Aflague



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