



Statement of Capability

Institution: **University of Guam**

UEI No: YL62T9FVJXG3 Federal EIN No: **98-0032933** Cage Code: **1LRX2** SIC: **N/A**
NAICS ID(s): **115; 51921; 5417145; 611310**
Certificates, Registrations, Accreditations: **FWA00000905**

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OVERVIEW

University of Guam or Unibetsedāt Guåhan (UOG) is a four-year (USDA) Land Grant and (NOAA) Sea Grant institution, located in Mangilao, GU. Guam is a US Territory in the Western Pacific Ocean. UOG is accredited by the Western Association of Schools and Colleges and offers 25 undergraduate and 15 graduate degree programs. Of UOG's 2,962 students, 93% are of Asian/Pacific Islander ethnicity, and nearly 72% are full-time (Fall 2022 enrollment figures). A cadre of 187 full-time faculty supports the University's mission of "Ina, Diskubre, Setbe"— which translates to "To Enlighten, to Discover, to Serve."

RESEARCH CAPABILITIES

Environmental Science: Weather and Climate; Surface Water & Watersheds; Groundwater & Karst Aquifers; Water Quality, Production & Distribution; Water Resources Management & GIS

Marine Biology: coral genetic connectivity across the Pacific, fisheries health, sea turtle nesting behavior, coral diseases, endolithic algae, coral nurseries, diver effects on coral reefs, shark genetic connectivity within the Marianas, and more.

Tropical Island Agriculture: agroforestry; soil health; mangrove monitoring; tropical forest restoration; invasive species; and preservation of native plants and animals

Natural resource management: population growth and development on the coasts; preparation and response to tsunamis; human interactions with the marine environment; fish and shellfish farming; seafood safety; and fisheries management

Micronesian Studies: social science on important regional issues (e.g., climate change, disparities in STEM education, geographical literacy, political sovereignty, economic changes, land-use, culture change, acculturation)

Health Disparities: cancer prevention and survivorship, child obesity, metabolic syndrome, gout, and mental health, developmental disabilities.

FACILITIES

Water and Environmental Research Institute of the Western Pacific <https://weri.uog.edu/>

Marine Lab <https://www.uog.edu/ml/index.php>

Western Pacific Tropical Research Center <https://www.uog.edu/wptrc/>

Sea Grant <https://www.uog.edu/seagrant/>

Center for Island Sustainability (CIS) <https://www.uog.edu/center-for-island-sustainability/>

UOG Cancer Research Center <https://u54.guamcrc.org/>

Micronesian Area Research Center <https://www.uog.edu/marc/>

Guam Center for Excellence in Developmental Disabilities Education, Research & Service <https://guamcedders.org/>

PAST PERFORMANCE

UOG is an NSF EPSCoR, a NASA EPSCoR RID & CAN, and an NCI U54 Partnership grantee. UOG is a collaborative institution that has long-standing successful federal grant record with the DoD, USGS, EPA, NOAA, NIH, NCI, USDA, and NPS. UOG also works closely with local government agencies such as Guam EPA, Guam Coastal Management Program, and Department of Agriculture, on a variety of natural resource management issues. For more information on Guam's past performance and current research capabilities, visit:

https://www.uog.edu/_resources/files/research/orspf/2021_Research_Booklet_FINAL_082521.pdf