

**GUAM EPSCoR • GUAM ECOSYSTEMS COLLABORATORIUM (GEC)  
SUMMER RESEARCH EXPERIENCE FOR UNDERGRADUATES**

Guam EPSCoR is a 5-year, \$6 million grant to the University of Guam from the National Science Foundation. The program aims to develop a Guam Ecosystems Collaboratorium to ensure the sustainability of coral reef ecosystems in the face of environmental change. Guam EPSCoR aims to situate Guam as a premier research and STEM (Science Technology, Engineering and Mathematics) education hub bolstering sustainability, economic development, and informed decision-making by engaging communities in 21st-century science.

In addition to its research goals, Guam EPSCoR seeks to increase the number and diversity of students who choose STEM careers by engaging students in its **Summer Research Experience (SRE) Program**. The SRE program is a six-week program open to select undergraduate students seeking research opportunities this summer. Student research training and tasks may include field work to investigate coral reefs or to deploy and retrieve oceanographic instruments, as well as work in the University of Guam Marine Laboratory's Molecular Lab. Selected students will learn about DNA extraction and sequencing and/or how to readout and analyze data to characterize marine environments. Ideal candidates are self-motivated, well organized, and have basic training or experience in lab procedures and microscopy.

The University of Guam and Research Corporation of the University of Guam are Equal Opportunity Employers that have received NSF funding to broaden the participation of underrepresented students in STEM fields. As such, the SRE Program remains open to all qualified students, but women, minorities, and students with disabilities are particularly encouraged to apply.

**ELIGIBILITY:**

- Must be a U.S. citizen and/or permanent resident of Guam
- Undergraduate student in good academic standing
- Available 8AM – 5PM between June 11 – July 20, 2018, and flexibility to work some nights and weekends

**BENEFITS:**

- Research experience
- Faculty/Researcher mentoring
- \$2500 stipend
- Possible travel opportunities
- On-campus housing and up to \$1500 travel reimbursement for off-island participants

**DIRECTIONS:** *Complete this application for the Guam EPSCoR GEC Summer Research Experience for Undergraduates. Please do not change the format. Please attach essay and transcript.*

**APPLICATION SUBMISSION:**

1. Drop off this application and transcript to:

Guam EPSCoR Office, University of Guam, Dean Circle House #4  
Office Hours 8AM – 5PM, Monday - Friday

2. Or, you can email documents to Mellani Lubuag at [lubuagm@triton.uog.edu](mailto:lubuagm@triton.uog.edu). *PDF format only.*

**SPACE IS LIMITED.**

**DUE DATE: February 28, 2018 by 5:00PM**

**FOR MORE INFORMATION, CONTACT:**

Mellani Lubuag, Program Manager  
[lubuagm@triton.uog.edu](mailto:lubuagm@triton.uog.edu) / (671) 735-0301/09

## GUAM EPSCOR • SUMMER RESEARCH EXPERIENCE FOR UNDERGRADUATES (SRE)

**NAME:** \_\_\_\_\_ **DATE OF BIRTH:** \_\_\_\_\_

**CITIZENSHIP:**  USA Citizen/ Permanent Resident  Other: \_\_\_\_\_

**UNIVERSITY:** \_\_\_\_\_ **MAJOR:** \_\_\_\_\_

**TERM START (E.G. FA16):** \_\_\_\_\_ **PROSPECTIVE GRADUATION DATE:** \_\_\_\_\_

**CUM GPA:** \_\_\_\_\_ **TRANSCRIPT ATTACHED:**  Official Copy  Unofficial Copy  None/Pending

**BEST WAY TO CONTACT YOU:** \_\_\_\_\_ **PHONE NUMBER(S):** \_\_\_\_\_

**EMAIL ADDRESS:** \_\_\_\_\_

**MAILING ADDRESS:** \_\_\_\_\_

**HIGHEST EDUCATION LEVEL COMPLETED BY MOTHER / FEMALE LEGAL GUARDIAN:** \_\_\_\_\_

**HIGHEST EDUCATION LEVEL COMPLETED BY FATHER / MALE LEGAL GUARDIAN:** \_\_\_\_\_

**DEMOGRAPHICS:** *Please select one option for each demographic question. Participation is optional.*

**GENDER:**  Male  Female  Prefer not to disclose

**RACE:**  Pacific Islander  Black/African American  Native American/Alaska Native  
 Hispanic/Latino  Asian  White  Other: \_\_\_\_\_  Prefer not to disclose

**ETHNICITY:**  Hispanic or Latino  Not Hispanic or Latino  Prefer not to disclose

**PERSON WITH DISABILITIES:**  Yes  No  Prefer not to disclose

**SHORT ANSWER:** *In the section below list coursework or experiences that demonstrates why you might be an appropriate candidate for this program. Indicate current/ongoing with asterisks \*\*\**

**COURSE WORK:**

COURSE TITLE & NUMBER	

**WORK EXPERIENCE:**

Position Title	Employer	Duties	Dates Employed

**VOLUNTEER EXPERIENCE:**

Position Title	Organization	Duties	Dates

**SHORT ESSAY QUESTIONS:** Responses to all questions should be limited to this page.

**1. HOW WOULD CONDUCTING RESEARCH WITH EPSCOR SUPPORT YOUR CAREER GOALS?**

**2. SUCCESSFUL CANDIDATES ARE RESPONSIBLE AND WORK WELL IN TEAMS. GIVE EXAMPLES OF HOW YOU HAVE DEMONSTRATED AND CONTINUE TO EXERCISE THESE QUALITIES.**

**FUTURE TRACKING:** Please suggest the best way we can reach you in the future. (For example, you might list family telephone numbers, emails, social media and mailing addresses that are unlikely to change.)

**TIME COMMITMENT:** This program requires a commitment of approximately 40hrs/week for 6 weeks during the summer. Do you foresee any issues committing this time?

Yes  No **Optional Note:** \_\_\_\_\_

**SIGNATURE:** Signature below indicates your interest in the Guam EPSCoR SRE Program and that the information provided in this application is accurate to the best of your knowledge.

**Applicant Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_