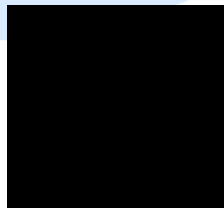


Hawai'i Space Grant Consortium

*Undergraduate
Traineeship Program
University of Guam*

Available for Fall and Spring
Semesters



HAWAI'I SPACE GRANT CONSORTIUM UNIVERSITY OF GUAM

UNDERGRADUATE TRAINEESHIP PROGRAM SUMMARY

The University of Hawai'i Space Grant Consortium, as a participant in the National Space Grant College and Fellowship Program, invites applicants for NASA Undergraduate Space Grant Traineeships to support studies in the field relevant to NASA's goals as defined in the current Strategic Plan for NASA. The goal of the National Space Grant College and Fellowship Program is to expand opportunities for U.S. citizens to understand and participate in NASA's aeronautics and space programs by supporting and enhancing science and engineering education, research and outreach programs.

Fields relevant to NASA's goals are mainly those in science, technology, and education that are focused on understanding the Earth, exploring the Solar System and the universe beyond, understanding the origin and evolution of life, understanding how life responds to space, creating a more secure, efficient, and environmentally friendly air transportation system, inspiring students to pursue careers in science, technology, and mathematics, and engaging the public in shaping and sharing the experience of exploration and discovery.

All full-time, undergraduates enrolled at the University of Guam are eligible to apply. **Applicants must be U.S. citizens** and must be sponsored by a mentor who is willing to guide the trainee for the duration of the award. Most mentors are faculty at the University but senior researchers or other personnel at UH or elsewhere are eligible. Awards will be based on academic qualifications of the student, the quality of proposed research study and its relevance to NASA's goals.

Successful candidates will be designated University of Guam Space Grant Trainees. Trainees receive a stipend of \$1500 for working at least five to ten hours per week during the semester and up to \$250 for supplies pertinent to their project

Women, under-represented minorities (specifically Hawaiians, other Pacific Islanders, Native Americans, African Americans, and Hispanics), and physically challenged students who have interest in space-related fields are particularly encouraged to apply.

For further information, please visit the Hawai'i Space Grant Consortium website:
<http://www.spacegrant.hawaii.edu/fellowships.html>

APPLICATION PROCEDURE

I. TO BE PREPARED BY THE APPLICANT AND SUBMITTED BY RESPECTIVE DEADLINE:

- 1) Cover Page Fully Completed (Pg. 5)
- 2) Two page research proposal
- 3) Request for Supply Funds (Budget)
- 4) Student's resume
- 5) Official Transcripts & Letter of Recommendation (Pg. 4)

I.1 Cover Page

The form that will be the cover page is included with this packet and must be completed by the applicant. Please be sure to include all information requested, including the **signatures of the applicant, the proposed advisor/mentor, and the Mentor's Department Chair.**

I.2 Research Proposal – Plan of Work

The student should describe, in a two-page proposal, the nature of the work to be performed during the traineeship. What will be done and how will the training benefit the student's education and career? Where will the work be performed? The proposed advisor should help the student complete this section. The proposal should contain a clear statement of how the research work will relate to NASA's goals.

I.3 Request for Supply Funds (Budget)

In addition to the Traineeship stipend, an additional \$250 per student is available to support the purchase of supplies necessary to the proposed project. Students who wish to be considered for these monies must write a request providing a brief justification for the use of such funds. Forms are available from the HSGC website.

I.4 Student's Resume

The resume should provide a short (one-page or less) summary of the applicant's career interests and accomplishments.

The original copy of the application with signatures on the cover page and three complete copies of the proposal should be submitted to arrive by June 15 for the Fall semester or December 1 for the Spring semester. **Note: If these dates fall on a weekend, the deadline is the following Monday.*

For UOG students, all application materials should preferably be hand carried to:

Romina King, PhD
Assistant Professor of Geography
University of Guam
HSS, 2nd Floor, Rm 220C
UOG Station
Mangilao, GU 96923

NOTE: Application materials may also be mailed to Dr. King to arrive before the deadline.

II. TO BE SENT INDEPENDENTLY TO THE SPACE GRANT OFFICE

In addition, the following items are required and should be sent directly to the Hawai'i Space Grant Consortium (not given to the student) to be received by the relevant deadline. **An application is not complete until the following materials are received.**

1) Transcript

The student should arrange to have original transcripts of all college-level work sent to the Hawai'i Space Grant Consortium, Attn: Traineeship Program.

2) Letter of Recommendation

The proposed Mentor or reference must provide a letter of recommendation commenting on the acceptability of the student for the program and the nature of any past experience with the student. It should also contain a clear statement of the advisor's willingness to supervise the student.

III. SUBMISSION

III.1 Initial Application

Applications for work beginning in the Fall semester are due by June 15; for work beginning in the Spring semester the deadline is December 1. If the due date (June 15 or December 1) is on a Saturday or Sunday, applications will be accepted the following Monday. **Note: The original and three copies of all application materials should be submitted by these deadlines to the address on the previous page.* Selected applicants will be notified by the Hawai'i Space Grant Fellowship/Traineeship Selection Committee.

III.2 Inquiries

Questions concerning the preparation and submission of applications and the administration of this Traineeship Program should be addressed to Associate Director, Dr. Ed Scott at escott@higp.hawaii.edu or Ms. Marcia Rei Nii at mars@spacegrant.hawaii.edu from University of Hawai'i at Mānoa. UOG students should contact Dr. Romina King at (671) 735-2880. We advise that students and mentors contact Dr. Romina King prior to submission of the proposal in order to ascertain the appropriateness of the intended project.

IV. RESPONSIBILITIES OF A TRAINEE

The mentor is asked to complete a form at the middle of the semester describing the trainee's progress. At the end of the semester, the trainee is required to write at least a two-page report explaining what was done, what was learned, how the work relates to NASA's goals, and how it might help their future career.

If funding is available, Trainees may have the opportunity to attend the Undergraduate Fellowship and Traineeship Meeting, which is held towards the end of both the Spring and Fall semesters and must prepare a poster on their project.

In addition, students are also required to fill out a simple online form that tracks the student's progress after graduation and questionnaire on the Traineeship Program. These last responsibilities are especially important to improve on the program and for HSGC's annual report to NASA.

University of Guam
Hawai'i Space Grant Consortium
NASA Space Grant Undergraduate Traineeship Program
Application Cover Page
Proposal due by June 15th for Fall Semester or December 1st for Spring Semester
For US Citizens Only

Please type:

Student's Name (Last, First, M.I.): _____

Date of Birth (Month/Day/Year): ____/____/____ Please mark one: ____ Male ____ Female Age: ____

Current Address: _____
number and street apt # city zip code

Permanent Address (if different from above): _____

Telephone: _____ e-mail address: _____

Current Undergraduate academic standing in College: ____ Freshmen ____ Sophomore ____ Junior ____ Senior

Current Cumulative GPA: _____ Expected Graduation Date: _____

Major: _____ Minor: _____

Title of Proposed Study: _____

Proposed Semester(s) for Support (Term/Year): _____

Proposed Mentor: _____

Mentor's Contact Information: _____
print name dept./bldg. no.
phone ext. e-mail address

Mentor's Department Chair: _____
Print Name Dept./Bldg. No. Phone Ext.

I certify that I am a citizen of the United States, and I will be a full-time undergraduate student taking a total of at least 12 credit hours at the University of Guam during the period covered in the attached proposal.

Student's Signature: _____ Date: _____

Mentor's Signature: _____ Date: _____

Mentor's Department Chair's Signature: _____ Date: _____

Trainees will be selected on merit without regard to race, color, religion, national origin, sex, or age. However, in order to determine and report accurately the degree to which members of the diverse segments of the population are reached by this announcement, the UH Space Grant Consortium would appreciate your input to fill in the appropriate blocks.

Student Demographics (Please mark all that apply below):

____ Caucasian ____ Pacific Islander ____ African American ____ Native American ____ Asian
____ Native Hawaiian ____ Other (please specify) _____ ____ I do not wish to provide information

Ethnicities: ____ Latino ____ Hispanic ____ None ____ I do not wish to provide information **Veteran?:** ____ Yes ____ No

Physically Challenged?:

____ Hearing Impairment ____ Mobility/Orthopedic Impairment ____ None ____ I do not wish to provide information
____ Visual Impairment ____ Mental Impairment ____ Other (Please Specify) _____

How did you hear about this opportunity? _____

Have you participated in any Space Grant programs before? If so, please list your involvement(s):