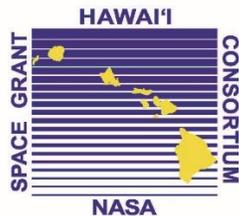


# Hawai'i Space Grant Consortium

*Undergraduate  
Fellowship Program  
University of Guam*

Available for Fall and Spring  
Semesters



# HAWAI‘I SPACE GRANT CONSORTIUM UNIVERSITY OF GUAM

## UNDERGRADUATE FELLOWSHIP 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 Fellowships to support original research projects in the fields 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.

Previous Space Grant fellows have worked in engineering, geology, biology, microbiology, chemistry, physics, astronomy, oceanography, meteorology, mathematics, computer science, medicine, education and other fields.

All full-time undergraduates enrolled at the University of Guam who have declared a major are eligible to apply for Fellowships. **Applicants must be U.S. citizens** and must be sponsored by a mentor who is willing to guide the student for the duration of the award. Most mentors are faculty at the University but senior researchers or other qualified personnel at UOG or elsewhere are eligible. Fellowship awards will be based on the quality of proposed research/study, appropriateness of proposed research to NASA’s goals, and feasibility of proposed research/study within the planned academic time frame, and the academic qualifications of the student.

Successful candidates will be designated University of Guam Space Grant Fellows. Fellows are expected to work between ten and fifteen hours a week on their projects during the semester. Financial support includes a stipend of \$4000 per semester and up to \$500 for supplies and/or travel pertinent to their project.

Women, under-represented minorities (specifically native 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)  
Fillable form available from the HSGC Fellowship Page. (Website link is on previous page.)
- 2) Abstract
- 3) Research/Study Proposal
- 4) Request for Travel/Supplies Funds
- 5) Student's Resume
- 6) 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 Abstract**

A one-paragraph summary of the proposal should be prepared, highlighting the relation of the proposed work to NASA's goals.

#### **I.3 Research/Study Proposal**

The core of the application is a well-formulated research or study proposal describing the proposed work, its goals, and its relation to previous studies performed at the University of Guam and elsewhere. This proposal which should be four to five typed, double-spaced pages, in length should identify and discuss the key elements of the proposed plan and should include a time flow-chart showing when the student expects each component of the project to be carried out. The proposal must include one or two paragraphs showing how the proposed study is relevant to the goals listed in the current Strategic Plan for NASA. The proposed mentor should guide the student in the preparation of this proposal, and the role that the mentor will play in the subsequent studies should be identified. In cases where two or more students are applying to work on closely related topics, it is essential that each proposal contain separate tasks and goals.

#### **I.4 Request for Travel/Supplies Funds**

In addition to the Fellowship stipend, an additional \$500 per student per semester is available to support inter-island travel, supplies, and related activities 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. These funds may also be used for travel to scientific meetings in the continental United States to present the results of research projects.

#### **I.5 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 should be submitted to arrive by June 15<sup>th</sup> for the Fall semester or December 1<sup>st</sup> 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 be hand carried to:**

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

**I.** In addition, the following items are required and should be sent directly to Dr. King's office [not given to the student] to be received by the relevant deadline. **An application is not complete until the following materials are received and mailed to the address above.**

- 1) Transcript:** The student should arrange to have original transcripts of all college-level work sent to Dr. Romina King. NOTE: Unofficial transcripts are acceptable only if the student is renewing for another semester.
- 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. Selected applicants will be notified by the HSGC Fellowship & Traineeship Selection Committee.

#### **III.2 Inquiries**

Questions concerning the preparation and submission of applications and the administration of this Fellowship Program should be addressed to Dr. Romina King at (671) 735-2880. We advise that students and mentors contact Dr. King prior to submission of the proposal in order to ascertain the appropriateness of the intended project.

### **IV. RESPONSIBILITIES OF A FELLOW**

Students are required to briefly summarize their progress in their mid-semester report to be signed by the mentor.

**If travel funds are available, Fellows 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 Fellows must prepare an oral presentation on their project.**

At the end of the semester, Fellows should submit a final written report describing their accomplishments. This report must be six to eight pages in length and should include results of the student's research, and note, if applicable, presentations made, papers published, or relevant activities attended. Two copies of the final report (manual & electronic) should be sent to the Dr. Romina King (roking@triton.uog.edu. If the quality of the Fellowship final report is comparable to a university level Fellowship report, it will be included in the Fellow's Final Report volume. Fellows who are funded to work simultaneously on closely related topics must give separate oral presentations and submit separate progress and final reports.

**In addition, students are also required to fill out a simple online form that tracks the student's progress after graduation and a questionnaire on the Fellowship Program. These last responsibilities are important to complete to help improve on the program and to include in our annual report to NASA.**

