ANNOUNCEMENT OF OPPORTUNITY
Student Satellite Balloon Internships 2014-2015
Paid Internship Opportunities – Elijah Balloon PAYLOAD Team
No Experience Necessary

Applications Open: November 17, 2014
Submission Deadline: January 27, 2015
Award Announcements: February 21, 2015
There will be some data analysis performed through December 2015. Start time is flexible, based upon the end of the spring term for each institution.

Purpose:
The Wisconsin Space Grant Consortium (WSGC) is looking for 4-6 full-time students from affiliate member institution majoring in a science or engineering discipline to join the science payload team of our high-altitude balloon project, Elijah. Interested students do not need to have experience, a pre-formed team or an initial idea for a payload project. Interested students do need a desire to work with other students to conceive of and carry out a payload project. WSGC will form the team and provide the launch personnel and vehicle, as well as a mentor.

Awards:
$4,000 award per intern, paid in three installments. In addition, lodging at the Milwaukee School of Engineering dorms may be paid for students who do not live in the area. All funding is subject to availability.

Program:
The Student Satellite Initiative is an innovative NASA project that provides students an opportunity to fly science experiments in a near-space environment. Selected students will form a collaborative team of science and engineering specials, whose task will be to design and build a payload to be launched from a high-altitude balloon which will ascend up to 100,000 feet or more. Students will be expected to define an important science question or set of questions that might be addressed by a high-altitude ball flight, and then with the assistance of mentors, design and build a science-driven payload. Students will design and build the science experiments to fly in this environment; assist the Elijah Launch Team in the launch of their payload; track and chase the balloon as it traverses; retrieve the payload upon landing; and analyze the resulting data.

Work period:
Students will be payload team members for the period from approximately May 2015 to May 15, 2016, with some data analysis performed through December. Start time is flexible, based on the end of spring term for each institution. Payload team members will present their results at the Annual Wisconsin Space Conference to be held at Experimental Aircraft Association in Oshkosh, WI in August 2015.

Location:
Meetings of the team will take place in either Milwaukee or occasionally in Kenosha, Wisconsin. Students must be able to provide their own transportation.
Requirements:

To apply for this Student Satellite Balloon Internship, you must register online at spacegrant.carthage.edu/about/login and meet the following minimum requirements:

- U.S. citizen
- At least a Sophomore standing as of Fall 2015 and must be enrolled through December 2015
- Enrolled at a WSGC college or university
- Majoring in a science, technology, engineering or math discipline
- Minimum 2.5 GPA (Proposals that include a GPA of less than 2.5 will be evaluated on a case-by-case basis)
- A strong interest in the success of the project. *Motivation is more important than experience, with self-motivation and ability to complete work with minimal supervision being absolutely critical.*

Additional Requirements:

1. Letter of Interest
2. Resume
3. Two faculty references (Names, Emails, and Phone Numbers)

See Tools & Tips for more information on how to create business correspondence and a resume.

The Consortium invites applications for the Student Satellite Balloon Internship Award for the 2014-2015 academic year. Application forms must be completed, and be accompanied by supporting documentation. The Consortium especially encourages applications from members of minority groups, women, and persons with disabilities. Internships will be awarded on the basis of academic performance, experience and demonstration of commitment to the project. The diverse scientific and engineering needs of the team will also be considered.

Note:

Interviews will be scheduled individually; every effort will be made to schedule interviews at the applicant’s home campus or via a phone conversation.

Questions about the Elijah Balloon Launch Program, contact:

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