

2004 Student Internship Program (SIP)
NASA Goddard Space Flight Center
Greenbelt, MD 20771

The Goddard Space Flight Center (GSFC) is the scientific flagship of the Space Agency. About one half of all of NASA's civil service scientists work at GSFC. Goddard has about 3500 Government employees plus approximately 8000 contractors, guests, students, post-doctorates and visitors. GSFC has nine Directorates; two in science, three in engineering, one in flight projects, one in management operations, one in sub-orbital projects and one for the office of the Director.

The work of GSFC, as our name indicates, is "space flight." We believe that missions to space will bring new data that will allow us, academia and industry to better understand our world and our universe. GSFC's management makes this its credo. Our success is not measured in launches or hardware or spacecraft; it is measured in discoveries, ideas and understanding.

Space flight is not accomplished by 'rocket scientists'; it is done by scientific vision, innovative engineering, careful quality control, flight managers, data and operations experts and a whole infrastructure of lawyers, comptrollers, procurement people, technicians, programmers, and a workforce... all marching to the same tune. GSFC successes -- COBE, GRO, UARS, LANDSAT, HUBBLE SERVICING MISSIONS, TRMM, TERRA-- and the list goes to over a hundred missions, have changed the textbooks and opened entirely new fields of science. Visitors marvel at the opportunity to experience the whole panorama of activities from inspiration to construction to operation and interpretation of the whole science-engineering-operations-effort. Clever students working with the proper guidance during the summer months will experience this.

Selection Criteria for the Student Internship Program (SIP) include: a demonstrated enthusiasm and interest in space, interest in scientific research, and overall academic quality (honors, awards, GPA, etc.). The complete application is available on the internet at: <http://university.gsfc.nasa.gov/SIP/sip.html>.

- SIP is designed for students whose primary interest is in space related research. Research is conducted in areas of aeronautics, Earth science, space science, propulsion, material science, remote sensing, and computational analysis.
- Housing is the responsibility of the student; a listing of local housing options is available.
- Rate of pay--minimum of \$10.00/hour.
- Duration--10 weeks
- Variable start dates are:
- U.S. Citizen or permanent resident.

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I. Application

1. Name _____
First (surname) M.I. Last (family name)

2. Date of birth ____/____/____ Sex ____ Male ____ Female
month day year

3. Citizenship ____ US ____ Permanent Resident

4. Ethnic status (optional)

____ Am Ind ____ Af American ____ Pac Isl ____ Disabilities
____ Asian ____ Hispanic ____ White ____ Other (specify) _____

5. Current Mailing address (valid until: _____)

address

city state zip

phone fax e-mail

6. What is the highest level of your education you will have completed by May 2004

____ sophomore year ____ 1st semester junior year ____ 2nd semester junior year
____ 1st semester senior year ____ 2nd semester senior year ____ graduate school (# of years__)

7. Current university information

university location (city, state)

major GPA scale

degree date expected

8. Research Interests (Refer to GSFC website for areas of mutual research interest, <http://www.gsfc.nasa.gov>)

9. Research Experience

II. Supporting Materials

10. List all other universities you have attended (list those institutions at which you have completed at least one semester full-time or two semesters part-time). Include the location of the institution (city, state), dates of attendance, degree earned, and Grade Point Average (GPA).

11. Please include a copy of your resume.

12. Please include a transcript from each of the universities you have attended.

13. Please include two letters of recommendation.

14. Please include 2 additional copies of your complete packet.

Signature

Date

DEADLINE FOR RECEIPT OF APPLICATION AND ALL SUPPORTING DOCUMENTATION IS MARCH 14, 2004. (Note the Deadline has been extended from Feb 16, 2004)

Return Completed Application Materials to:

ATTN: University Programs Office

Code 603.1

NASA/ Goddard Space Flight Center

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