

## Summer Student Internship Opportunities for 2009\*

- **Achieving Competence in Computing, Engineering, and Space Science (ACCESS)**

Description: 10-week summer program at a NASA center to highly qualified students with disabilities.

URL: <http://ehrweb.aas.org/entrypoint/apply.htm>

Application Deadline: **January 16, 2009.**

Eligibility: Full-time undergraduate or graduate students, with a disability, majoring in a science or engineering field; GPA 3.0/4.0; U.S. citizenship.

- **Applied Physics Laboratory Internships Project (APL)**

Description: 10-week summer program at the Johns Hopkins Applied Physics Laboratory for students interested in civil and/or defense space projects.

URL: [http://education.nasa.gov/edprograms/descriptions/Applied\\_Physics\\_Laboratory\\_Internship\\_Project.html](http://education.nasa.gov/edprograms/descriptions/Applied_Physics_Laboratory_Internship_Project.html)

Application Deadline: **January 16, 2009.**

Eligibility: Junior, senior or early graduate level as of May of the program year; GPA 3.0/4.0; U.S. citizenship; Certification of approved background investigation.

- **American Indian Science and Engineering Society Internship Program (AISES)**

Description: 10-week summer program that provides qualified AISES students with opportunities to explore potential federal service careers. Round-trip airfare or mileage, a weekly stipend, dormitory lodging and a local transportation allowance provided.

URL: <http://www.aises.org/Programs/ScholarshipsandInternships/Internships>

Application Deadline: **February 15, 2009.**

Eligibility: U.S. citizen or permanent resident; 3.0/4.0 GPA; Enrolled full-time pursuing a degree in a college or university; Sophomore, junior, senior, or graduate level; Be a current member of AISES.

- **ESMD (Exploration Systems Mission Directorate) Space Grant Internship Program**

Description: Mentored summer program in exploration-related areas at NASA centers and in space-related industry. A stipend of \$6,000 (includes travel allowance) will be provided by the Alabama Space Grant Consortium. Please visit URL for more information including a list of available internship positions and student information packet.

URL: <http://education.ksc.nasa.gov/esmdspacegrant/>

Application Deadline: **February 1, 2009.**

Eligibility: U.S. citizenship; Full-time undergraduate juniors, seniors and graduate students; Min. of 30 credit hours/45 quarter hours completed; GPA 3.0/4.0.

- **Independent Validation and Verification Internship Program (IV&V)**

Description: Internship program for diverse undergraduate and graduate students interested in careers in computer science, software engineering, information systems or related fields.

URL: [http://education.nasa.gov/edprograms/descriptions/Independent\\_Validation\\_Verification\\_Project.html](http://education.nasa.gov/edprograms/descriptions/Independent_Validation_Verification_Project.html)

Application Deadline: **January 16, 2009.**

Eligibility: Rising junior, senior undergraduate or 1<sup>st</sup> and 2<sup>nd</sup> year graduate; GPA 3.0/4.0; U.S. citizenship or permanent resident status.

- **International Symposium for Personal and Commercial Spaceflight Summer Internships (ISPCS)**

Description: 10-week summer internship program to give students real-world experience working the arena of commercial spaceflight. Students are placed with top players from business and government. Internships are available across the U.S. including New Mexico, Colorado and Washington, D.C. in fields as diverse as engineering, business, management, graphic design and public policy. Students will receive a \$6,000 stipend and \$500 in travel expenses. Check website for open positions.

URL: [http://spacegrant.nmsu.edu/opportunities/ispcs\\_summer.html](http://spacegrant.nmsu.edu/opportunities/ispcs_summer.html)

Application Deadline: **Depends on actual position.**

Eligibility: Open to all undergraduate and graduates in all majors unless specifically stated; GPA 3.0/4.0.

- **Jet Propulsion Laboratory (JPL) Space Grant Internship Program**

Description: 10-week mentored summer program spent on one of over 150 technical research projects at JPL (Pasadena, CA). Students will also be able to participate in seminars, social events, and other enrichment opportunities offered by JPL and Caltech. Students will be housed on the Caltech campus with round-trip bus transportation. A list of available JPL abstracts is available by request from the Alabama Space Grant Consortium (email [spacegrant@uah.edu](mailto:spacegrant@uah.edu) for a copy). To apply for this program, submit one email with attachments (resume with objective, cover letter, current transcripts) to the ASGC Program Office at [spacegrant@uah.edu](mailto:spacegrant@uah.edu) and you must select which opportunities (abstracts) you are interested in. ASGC will provide students selected by JPL with a \$6,000 stipend and round-trip travel.

URL: [http://education.jpl.nasa.gov/higher\\_ed/undergrad.html](http://education.jpl.nasa.gov/higher_ed/undergrad.html)

Application Deadline: February 1, 2009.

Eligibility: Undergraduate or graduates; U.S. citizenship; Enrolled full-time or accepted for full-time at a Space Grant affiliated college or university, GPA 3.0/4.0.

- **Kennedy Space Center Internship Program (KIP)**

Description: Program provides internship opportunities which will allow them to gain valuable work experience, related to their academic studies, while gaining knowledge of NASA KSC's mission. Students will be responsible for own housing and transportation at KSC.

URL: <http://www.nasalaunchingfutures.com/program-overview.html>

Application Deadline: February 1, 2009.

Eligibility: Full-time undergraduate or graduates; U.S. citizenship; 3.0/4.0 GPA; Background investigation will be completed.

- **Langley Aerospace Research Summer Scholars Program (LARSS)**

Description: 10-week summer mentored research program where students conduct state-of-the-art research with other students from across the nation. They work with NASA Langley researchers exploring an array of high-technology development projects and activities in pursuit of space exploration. A stipend of \$4,500 for undergraduates or \$5,000 for graduate students provided.

URL: <http://research.nianet.org/larss>

Application Deadline: February 1, 2009.

Eligibility: U.S. citizenship; Full-time rising undergraduate junior or senior, or graduates; 3.0/4.0 GPA.

- **Langley Geographic Information Systems Internship Program (GIS)**

Description: Summer mentored research program with part-time or full-time positions available to students who will earn a stipend relative to their academic level. Students will work on projects related to GIS software, digital cartography, GPS, AutoCAD, relational databases, surveying, engineering and remote sensing.

URL: <http://www.vsgc.edu.edu/GISIntern/>

Application Deadline: February 6, 2009.

Eligibility: U.S. citizenship; Enrolled at a community college, or university; Undergraduate or graduate level majoring in geography, technology, and civil engineering or any STEM field. Exceptionally and highly motivated high school students with a 3.3 GPA will also be considered; U.S. citizenship; Age 16 or older; GPA 3.0/4.0; Must be able to go through background security screening.

- **Lewis' Educational and Research Collaborative Internship Program (LERCIP)**

Description: 10-week summer program that provides students with introductory professional experience to complement their academic programs and research interests under the guidance of a NASA mentor at NASA Glenn Research Center and the Ohio Aerospace Institute. Bi-weekly salary based on academic standing provided.

URL: [http://www.nasa.gov/centers/glenn/education/LERCIP\\_GRC.html](http://www.nasa.gov/centers/glenn/education/LERCIP_GRC.html)

Application Deadline: January 31, 2009.

Eligibility: U.S. citizenship; Full-time students pursuing a degree in science, mathematics, engineering, or technology at an accredited college or university throughout the U.S.; 3.0/4.0 GPA.

- **Lunar and Planetary Institute Summer Intern Program in Lunar and Planetary Science (LPI)**

Description: 10-week summer program that allows undergraduates to participate in lunar and planetary research with scientists at LPI and NASA Johnson Space Center. A \$5,000 stipend and \$1,000 in travel provided.

URL: <http://www.lpi.usra.edu/lpiintern>

Application Deadline: January 23, 2009. Notification: March 2, 2009.

Eligibility: Undergraduates with at least 50 semester-hours credit; Interested in pursuing a career in the sciences (i.e., natural sciences, engineering, computer sciences and mathematics); Open to U.S. citizens and foreign nationals.

- **NASA Academy Summer Research Internships**

Description: 10-week summer program at a NASA Center with laboratory research work, group project, lectures, meetings with experts/administrators, visits to NASA Centers and space-related industries, technical writing and presentations. Participating NASA Academy Centers:

- Ames Research Center (California)
- Glenn Research Center (Ohio)
- Goddard Space Flight Center (Virginia)
- Marshall Space Flight Center (Alabama)

URL: <http://academy.nasa.gov/apply.jsp>

Application Deadline: **January 16, 2009.**

Eligibility: U.S. citizenship, permanent residency, or citizen of participating country; Junior or senior undergraduate or first or second year graduate; GPA 3.0/4.0; Major in engineering, science, mathematics, computer science or other areas of interest to the aerospace program.

- **NASA History Division Summer Internships – NASA HQ, Washington, DC**

Description: 10-week summer program that allows students to participate in handling a variety of information requests, editing historical manuscripts, doing research and writing biographical sketches, updating as well as creating a variety of Web pages, photo identification and captioning, and archival arrangement, description, and preservation tasks.

URL: <http://history.nasa.gov/interncall.htm>

Application Deadline: **December 2, 2008.**

Eligibility: U.S. citizenship; Undergraduate or graduate; Detailed prior knowledge of the aeronautics and space fields; Strong research, writing and editing skills; Computer formatting skills.

- **NASA Planetary Biology Internship (PBI) Program**

Description: Summer program that provides opportunities for graduate students to take part in planetary biology research at NASA centers and universities.

URL: [http://www.mbl.edu/education/courses/other\\_programs/pbi.html](http://www.mbl.edu/education/courses/other_programs/pbi.html)

Application Deadline: **March 2, 2009.**

Eligibility: Graduate students; Contact program coordinator, Michael Dolan at [pbi@geo.umass.edu](mailto:pbi@geo.umass.edu), for more information.

- **NASA Robotics Internship Academy**

Description: 10-week mentored summer program for students specifically interested in robotics at various NASA Centers. Participants will be assigned to a team project developed by NASA or local industry and academic institutions.

URL: <http://university.gsfc.nasa.gov/application/>

Application Deadline: **January 16, 2009.**

Eligibility: Rising freshman or sophomore, undergraduate or graduates; GPA 3.0/4.0; Experience or curricular background in robotics; U.S. citizenship or permanent resident status.

- **National Space Biomedical Research Institute (NSBRI) Summer Internship Program**

Description: Summer program that provides the opportunity for students to join ongoing projects in laboratories at the NASA Johnson Space Center in Houston, TX. Interns will receive an hourly wage, but the program does not cover housing or travel.

URL: <http://www.nsbri.org/Education/SummerInternship.html>

Application Deadline: **January 31, 2009.**

Eligibility: U.S. citizenship; Undergraduate, graduate or medical students who have completed their second year of undergraduate studies by the start of the internship.

- **Marshall Space Grant Research Internship Program (MSGR)**

Description: 10-week summer internship that provides hands-on research experience working with a NASA scientist or engineer at Marshall Space Flight Center in Huntsville, AL to support MSFC's workforce development and research needs. Applying students should contact Mona Miller at [mona.miller@nasa.gov](mailto:mona.miller@nasa.gov) for more information.

URL: [http://education.nasa.gov/edprograms/descriptions/Marshall\\_Space\\_Grant\\_Research\\_Internship.html](http://education.nasa.gov/edprograms/descriptions/Marshall_Space_Grant_Research_Internship.html)

Application Deadline: **March, 2009.**

Eligibility: U.S. citizenship; Undergraduate and graduate student (master's or doctoral level) who will be returning to school in the fall; Enrolled full-time at a Space Grant affiliated college or university.

- **Motivating Undergraduates in Science and Technology Scholarships and Internships (MUST)**

Description: Program that combines scholarship, internship, and mentorship at NASA Centers for students from underrepresented groups (i.e., women, African Americans, Hispanic Americans, Native Americans, and persons with disabilities).

URL:

[http://www.nasa.gov/offices/education/programs/descriptions/Motivating\\_Undergraduates\\_Science\\_Technology.html](http://www.nasa.gov/offices/education/programs/descriptions/Motivating_Undergraduates_Science_Technology.html)

**Application Deadline: February 1, 2009.**

Eligibility: U.S. citizenship; High school senior, or full-time undergraduate freshman or sophomore; 3.0/4.0 GPA; U.S. Citizenship; Pursing a degree in science, technology, engineering or mathematics.

- **Space Telescope Science Institute Summer Student Program (SSP)**

Description: Each summer the Space Telescope Science Institute brings 15-10 students to Baltimore, MD for their 10-week program. SSP students work with researchers and staff in projects ranging from astronomical research to science writing, software development and preparation of scientific data for public release.

URL: <http://www.stsci.edu/institute/sd/students>

**Application Deadline: February 20, 2009.**

Eligibility: No restrictions on who may apply; Open to foreign students.

- **Student Internship Program (SIP)**

Description: 10-week summer research program at various NASA centers for students whose primary interest is in space related research.

URL: [http://www.nasa.gov/offices/education/programs/descriptions/Student\\_Internship\\_Project.html](http://www.nasa.gov/offices/education/programs/descriptions/Student_Internship_Project.html)

**Application Deadline: January 16, 2009.**

Eligibility: Enrolled as rising sophomore, junior, senior or early graduate level; GPA 3.0/4.0; Major in engineering, science, mathematics, or computer science; U.S. citizenship or permanent resident status.

- **Summer Institute in Engineering and Computer Applications (SIECA)**

Description: 10-week summer program that provides “hands-on” experience at various space-related scientific and technological fields at a NASA Center.

URL: <http://university.gsfc.nasa.gov/programs/sieca.jsp>

**Application Deadline: January 16, 2009.**

Eligibility: Enrolled as a junior, senior undergraduate or at early graduate level; GPA 3.0/4.0; Major in engineering, science, mathematics, computer science or other areas of interest to the aerospace program; U.S. citizenship.

- **Summer Aerospace Workforce Development Research Internship Program (SAWDRIP)**

Description: 10-week summer program where students are placed in state-of-the-art projects with aerospace companies to provide skills marketable to both NASA and aerospace companies that support NASA.

URL: [http://www.nasa.gov/offices/education/programs/descriptions/Summer\\_Aerospace\\_Workforce\\_Dev.html](http://www.nasa.gov/offices/education/programs/descriptions/Summer_Aerospace_Workforce_Dev.html)

**Application Deadline: January 16, 2009.**

Location: Participating aerospace contractor companies that support the mission of NASA/GSFC in the Washington, DC area.

Eligibility: Rising junior or senior undergraduate and graduate students; U.S. citizenship or permanent resident status; GPA 3.0/4.0.

- **Undergraduate Student Research Program (USRP)**

Description: 10-week summer mentored research experience sessions at a NASA Center. Students will receive a \$6,000 stipend for the research experience plus round-trip transportation.

URL: <http://www.epo.usra.edu/usrp/>

**Application Deadline: January 23, 2009.**

Eligibility: U.S. citizenship; Enrolled full-time in an accredited U.S. college or university; Junior or senior classification; Major in a STEM discipline; GPA 3.0/4.0.

*\*Note: Most of these programs are funded directly by NASA and their Centers. The Alabama Space Grant Consortium occasionally gets requests to fund additional internships and we try to fulfill these, but cannot guarantee any funding of these internships. Please send the ASGC notice at [spacegrant@uah.edu](mailto:spacegrant@uah.edu) of any internships you are applying for so we can be aware of you if we receive requests for funding on your behalf.*