

Opportunities for Students

INTERNSHIPS • SCHOLARSHIPS • FELLOWSHIPS

2009-2010 FUNDAMENTAL AERONAUTICS STUDENT COMPETITION

The Fundamental Aeronautics Program invites undergraduate and graduate students to research and design a civilian amphibious tiltrotor vehicle.

[HTTP://AERO.LARC.NASA.GOV/COMPETITIONS_UNIV.HTM](http://aero.larc.nasa.gov/competitions_univ.htm)

2009-2010 NASA UNIVERSITY DESIGN CONTEST IN EXPLORATION SYSTEMS

NASA invites college students to get involved with NASA's return to the moon by helping to design the tools and instruments needed for the next-generation manned moon rover.

[HTTP://MOONTASKS.LARC.NASA.GOV/](http://moontasks.larc.nasa.gov/)

2010 RASC-AL COMPETITION

The 2010 Revolutionary Aerospace Systems Concepts Academic Linkage competition challenges participants to design projects based on real NASA projects. These design projects could then potentially be implemented by NASA.

[HTTP://WWW.NIANET.ORG/RASCAL/INDEX.HTML](http://www.nianet.org/rascal/index.html)

ACHIEVING COMPETENCE IN COMPUTING, ENGINEERING AND SPACE SCIENCE

ACCESS provides summer internships to highly qualified students with disabilities. Deadline: Winter 2009

[HTTP://EHWEB.AAS.ORG/ENTRYPOINT/](http://ehweb.aas.org/entrypoint/)

APPLIED PHYSICS LABORATORY INTERNSHIP PROJECT

The NASA APL Internship project is a 10-week summer internship at the Johns Hopkins Applied Physics Laboratory for students interested in civil and/or defense space projects.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/APPLIED_PHYSICS_LABORATORY_INTERNSHIP_PROJECT.HTML](http://www.nasa.gov/offices/education/programs/descriptions/applied_physics_laboratory_internship_project.html)

ART AND DESIGN CONTEST: LIFE AND WORK ON THE MOON

NASA invites high school and college students from all areas of study, including the arts, industrial design, architecture, and computer design, to submit their work on the theme "Life and Work on the Moon." Entries will be accepted in four.

[HTTP://ARTCONTEST.LARC.NASA.GOV/](http://artcontest.larc.nasa.gov/)

CALTECH POSTDOCTORAL SCHOLARS AT THE JET PROPULSION LABORATORY

Opportunities for research positions provide significant training and professional growth for future scientific and technological leaders.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/CALTECH_POSTDOCTORAL_SCHOLARS.HTML](http://www.nasa.gov/offices/education/programs/descriptions/caltech_postdoctoral_scholars.html)

EDUCATION ASSOCIATES

Education Associates is a flexible year-round project that permits NASA scientists, engineers and managers to "tap higher education," while giving university students and faculty the opportunity to "experience NASA." DEADLINE: Year-round

[HTTP://EAP.USRA.EDU/](http://eap.usra.edu/)

ESMD SPACE GRANT STUDENT PROJECT

Three student opportunities are available through the ESMD Space Grant Student Project: internships in exploration-related areas at NASA centers and in space-related industry, funding for senior design projects, and a systems engineering paper competition.

[HTTP://EDUCATION.KSC.NASA.GOV/ESMDSPACEGRANT/](http://education.ksc.nasa.gov/esmdspacegrant/)

EXPERIMENTAL PROJECT TO STIMULATE COMPETITIVE RESEARCH

EPSCoR provides jurisdictions of modest research infrastructure with funds to develop a more competitive research base within their jurisdiction and member academic institutions.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/NATIONAL/EPSCOR/HOME/INDEX.HTML](http://www.nasa.gov/offices/education/programs/national/epscor/home/index.html)

GRADUATE STUDENT RESEARCHERS PROJECT

The GSRP awards fellowships for graduate study leading to master's or doctoral degrees in the fields of science, mathematics and engineering related to NASA research and development.

[HTTP://FELLOWSHIPS.HQ.NASA.GOV/GSRP/NAV/](http://fellowships.hq.nasa.gov/gsrp/nav/)

GREAT MOONBUGGY RACE

The Great Moonbuggy Race is an annual competition for students to design well-crafted vehicles to manipulate rugged simulated lunar terrain at the U.S. Space & Rocket Center in Huntsville, Ala. Registration ends February 1, 2010.

[HTTP://MOONBUGGY.MSFC.NASA.GOV/](http://moonbuggy.msfc.nasa.gov/)

INDEPENDENT VALIDATION AND VERIFICATION PROJECT

IV&V is an internship project for diverse undergraduate and graduate students interested in careers in computer science, software engineering, information systems or related fields.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/INDEPENDENT_VALIDATION_VERIFICATION_PROJECT.HTML](http://www.nasa.gov/offices/education/programs/descriptions/independent_validation_verification_project.html)

INTERNATIONAL SPACE UNIVERSITY

The Master of Space Studies program of ISU is a graduate program bringing together students from many countries and disciplines. The broad, interdisciplinary placement is an opportunity for students to carry out in-depth work in a particular area.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/INTERNATIONAL_SPACE_UNIVERSITY.HTML](http://www.nasa.gov/offices/education/programs/descriptions/international_space_university.html)

JENKINS PRE-DOCTORAL FELLOWSHIP PROJECT

The JFPF provides full-time underrepresented graduate students in science, technology and education with financial support for their education in NASA-related disciplines. Deadline is February 1, 2010

[HTTP://WWW.UNCFSPP.ORG/SPKNOWLEDGE/](http://www.uncfsp.org/spknowledge/)

KENNEDY SPACE CENTER INTERN PROJECT

The goal of the KIP project is to provide students and faculty the opportunity to gain valuable work experience related to their academic studies, while gaining knowledge of KSC's mission.

[HTTP://WWW.NASALAUNCHINGFUTURES.COM/PROGRAM-OVERVIEW.HTML](http://www.nasalaunchingfutures.com/program-overview.html)

LANGLEY AEROSPACE RESEARCH SUMMER SCHOLARS PROJECT

Participants spend 10 weeks conducting state-of-the-art research with other students from across the nation. They work with NASA researchers exploring an array of high-technology development projects and activities in pursuit of space exploration. Summer session application deadline: February 10, 2010

[HTTP://WWW.NIANET.ORG/LARSS/](http://www.nianet.org/larss/)

LEWIS' EDUCATIONAL & RESEARCH COLLABORATIVE INTERNSHIP PROJECT

LERCIP provides students with introductory professional experiences to complement their academic programs and research interests under the guidance of a NASA mentor. The project provides students with summer internships at Glenn Research Center to learn about NASA and possible career choices.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/LERCIP_COLLEGE.HTML](http://www.nasa.gov/offices/education/programs/descriptions/lercip_college.html)

LEWIS' EDUCATIONAL & RESEARCH COLLABORATIVE INTERNSHIP PROJECT: NASA SCHOLARS PROJECT

This educational project offers opportunities for college sophomores through doctoral candidates. LERCIP provides students with introductory professional experiences to complement their academic programs and research interests under the guidance of a Glenn Research Center scientist or engineer.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/LERCIP_NASA_SCHOLAR_PROJECT.HTML](http://www.nasa.gov/offices/education/programs/descriptions/lercip_nasa_scholar_project.html)

MAGNETIC FIELD INVESTIGATION OF MARS BY INTERACTING CONSORTIA

MIMIC is a piggyback microsatellite designed, built, tested and operated by students.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/MAGNETIC_FIELD_INVESTIGATION_OF_MARS.HTML](http://www.nasa.gov/offices/education/programs/descriptions/magnetic_field_investigation_of_mars.html)

MARSHALL SPACE GRANT RESEARCH INTERNSHIP PROJECT

This summer internship project supports Space Grant's efforts in education, research and workforce development.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/MARSHALL_SPACE_GRANT_RESEARCH_INTERNSHIP.HTML](http://www.nasa.gov/offices/education/programs/descriptions/marshall_space_grant_research_internship.html)

MENTORED NASA'S ESMD RESEARCH PAPER COMPETITION

NASA's Exploration Systems Mission Directorate Research Paper Competition is open to students who are U.S. citizens in an undergraduate or graduate studies program. Research papers should relate to one of the following areas: Ground Operations, Lunar and Planetary Surface Systems, Propulsion, and Spacecraft.

[HTTP://EDUCATION.KSC.NASA.GOV/ESMDSPACEGRANT/RESEARCHPAPER.HTM](http://education.ksc.nasa.gov/esmdspacegrant/researchpaper.htm)

MENTORED RESEARCH OPPORTUNITY: NASA UNDERGRADUATE STUDENT RESEARCH PROJECT

NASA's USRP offers U.S. undergraduates research experiences at NASA centers. Participants work on practical problems that will be applied in aerospace or on future NASA missions. Summer 2010 Session deadline is January 22, 2010 and Fall 2010 Session deadline is April 30, 2010.

[HTTP://USRP.USRA.EDU/](http://usrp.usra.edu/)

MOTIVATING UNDERGRADUATES IN SCIENCE AND TECHNOLOGY

MUST awards scholarships and internships to undergraduates pursuing degrees in science, technology, engineering and mathematics, or STEM, fields. Deadline February 2, 2010.

[HTTP://SCHOLARSHIPS.HISPANICFUND.ORG/APPLICATIONS/SUBSECTIONID.1,PAGEID.139/DEFAULT.ASP](http://scholarships.hispanicfund.org/applications/subsectionID.1,pageID.139/default.asp)

NASA ACADEMY

The NASA Academy is an intensive ten-week leadership development project for highly motivated and successful undergraduate and graduate students.

[HTTP://ACADEMY.NASA.GOV/](http://academy.nasa.gov/)

NASA AERONAUTICS SCHOLARSHIP PROGRAM

Scholarship opportunities with internships are available for undergraduate- and graduate-level students. Deadline: January 11, 2010.

[HTTP://NASA.ASEE.ORG/](http://nasa.asee.org/)

NASA COOPERATIVE EDUCATION PROGRAM

The Cooperative Education Program is open to doctoral, graduate and undergraduate students. As co-ops, students alternate semesters at school with semesters at NASA centers. Students work in paid positions directly related to their field of study.

[HTTP://WWW.NASAJOBS.NASA.GOV/STUDENTOPPS/EMPLOYMENT/COOP_EDU_PROGRAM.HTM](http://www.nasajobs.nasa.gov/studentopps/employment/coop_edu_program.htm)

NASA LUNABOTICS MINING COMPETITION

NASA is challenging undergraduate and graduate student teams to design and build an excavator that could be used on the moon.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/CENTERS/KENNEDY/TECHNOLOGY/LUNABOTICS.HTML](http://www.nasa.gov/offices/education/centers/kennedy/technology/lunabotics.html)

NATIONAL SPACE BIOMEDICAL RESEARCH INSTITUTE SUMMER INTERNSHIP PROGRAM

The NSBRI's summer program is for graduate or medical students and undergraduate students who have completed their second year of undergraduate studies. Application deadline is January 31, 2010

[HTTP://WWW.NSBRI.ORG/EDUCATION/SUMMERINTERNSHIP.HTML](http://www.nsbri.org/education/summerinternship.html)

ROBOTICS ACADEMY

This project is a 10-week, resident summer internship for students specifically interested in robotics who have taken active interest in robotics in demonstrable ways.

[HTTP://ROBOTICS.NASA.GOV/INDEX.PHP](http://robotics.nasa.gov/index.php)

SPACE GRANT WORK FORCE DEVELOPMENT PROJECT

This project is designed for undergraduate students with interests and capabilities in aeronautics, space science, technology and related fields.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/SPACE_GRANT_WORK_FORCE_DEVELOPMENT_PROJECT.HTML](http://www.nasa.gov/offices/education/programs/descriptions/space_grant_work_force_development_project.html)

SPACEWARD BOUND

Spaceward Bound trains the next generation of space explorers by having students and teachers explore scientifically interesting -- but remote and extreme -- environments on Earth as analogs for human exploration of the moon and Mars.

[HTTP://QUEST.NASA.GOV/PROJECTS/SPACEWARDBOUND/MDRS.HTML](http://quest.nasa.gov/projects/spacewardbound/mdrs.html)

STUDENT INTERNSHIP PROJECT

Designed for students whose primary interest is in space-related research, SIP is an intensive 10-week summer research project for diverse students interested in careers in aerospace-related fields.

[HTTP://SIP.GSFC.NASA.GOV/](http://sip.gsfc.nasa.gov/)

STUDENT TEMPORARY EMPLOYMENT PROJECT

STEP is a project designed to integrate the students' educational studies with a wide range of clerical, administrative, professional and technical experiences that support the agency.

[HTTP://WWW.NASAJOBS.NASA.GOV/STUDENTOPPS/TEMPORARY_STAY.HTM](http://www.nasajobs.nasa.gov/studentopps/temporary_stay.htm)

STUDENT VOLUNTEER SERVICE PROJECT

The project involves students gaining work experience and knowledge in early career exploration.

[HTTP://WWW.NASA.GOV/OFFICES/EDUCATION/PROGRAMS/DESCRIPTIONS/STUDENT_VOLUNTEER_SERVICE_PROJECT.HTML](http://www.nasa.gov/offices/education/programs/descriptions/student_volunteer_service_project.html)

SUMMER UNDERGRADUATE RESEARCH FELLOWSHIPS PROJECT

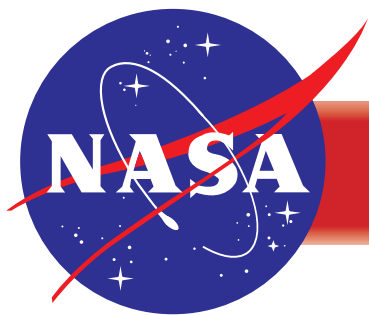
The SURF project offers summer research experiences at Caltech or the Jet Propulsion Laboratory to undergraduates. Deadline: December 1, 2009.

[HTTP://WWW.SURF.CALTECH.EDU/](http://www.surf.caltech.edu/)

UNDERGRADUATE STUDENT RESEARCH PROJECT

USRPP provides on-site, mentored internship experiences year-round at all NASA centers. Opportunities are open to full-time college sophomores, juniors and seniors. Summer 2010 Session deadline is January 22, 2010 and Fall 2010 Session deadline is April 30, 2010.

[HTTP://USRP.USRA.EDU/](http://usrp.usra.edu/)



Opportunities for Students

NASA CENTER WEBSITES

Ames Research Center

Moffett Field, California • <http://www.nasa.gov/centers/ames>

Internships, Co-Ops:

Cooperative Education Programs at Ames
<http://hr.arc.nasa.gov/student/index.html>

Summer 2010 Graduate Student Internship Program
http://uarc.ucsc.edu/sti/grad_10.shtml

Foothill / De Anza internship program
<http://www.foothill.edu/internships/>

Dryden Flight Research Center

Edwards, California • <http://www.nasa.gov/centers/dryden>

Internships, Co-Ops:

Cooperative Education Programs at Dryden
www.dfrc.nasa.gov/Education/Students/Research/coop.html

Glenn Research Center

Cleveland, Ohio • <http://www.nasa.gov/centers/glenn>

Internships, Co-Ops:

Cooperative Education Programs at Glenn
<http://www.grc.nasa.gov/WWW/OHR/coop/>

Motivating Undergraduates in Science and Technology (MUST)
http://www.nasa.gov/centers/glenn/education/NASAMUST_GRC.html

Exploring Program - Ages 14 through 20
http://www.nasa.gov/centers/glenn/education/NASAExplorers_GRC.html

Goddard Space Flight Center

Greenbelt, Maryland • <http://www.nasa.gov/centers/goddard>

Internships, Co-Ops:

Cooperative Education Programs at Goddard
<http://www.nasa.gov/centers/goddard/education/coop.html>

Undergraduate and Graduate Internships
<http://university2.gsfc.nasa.gov/>

Jet Propulsion Laboratory

Pasadena, California • <http://www.nasa.gov/centers/jpl>

Internships, Co-Ops:

Cooperative Education Programs at JPL
https://careerlaunch.jpl.nasa.gov/program_coop.html

JPL Education Gateway
http://education.jpl.nasa.gov/higher_ed/

Johnson Space Center

Houston, Texas • <http://www.nasa.gov/centers/johnson>

Internships, Co-Ops:

Cooperative Education Programs at Johnson
<http://coop.jsc.nasa.gov/index.html>

JSC Office of Education
<http://www.nasa.gov/offices/education/centers/johnson/home/index.html>

Kennedy Space Center

Cape Canaveral, Florida • <http://www.nasa.gov/centers/kennedy>

Internships, Co-Ops:

Cooperative Education Programs at Kennedy
<http://coop.ksc.nasa.gov/>

KSC Office of Education
<http://www.nasa.gov/offices/education/centers/kennedy/home/index.html>

Langley Research Center

Hampton, Virginia • <http://www.nasa.gov/centers/langley>

Internships, Co-Ops:

Cooperative Education Programs at Langley
<http://ohcm.larc.nasa.gov/jobs/sep/coop/>

Marshall Space Flight Center

Huntsville, Alabama • <http://www.nasa.gov/centers/marshall>

Internships, Co-Ops:

Cooperative Education Programs at Marshall
<http://coop.msfc.nasa.gov/>

MSFC Academic Affairs Office
<http://education.nasa.gov/edoffices/centeroffices/marshall/home/index.html>

NASA Headquarters

Washington, DC

<http://www.nasa.gov/centers/hq/home/index.html>

Stennis Space Center

Mississippi • <http://www.nasa.gov/centers/stennis/home/index.html>

Internships, Co-Ops:

Cooperative Education Programs at Marshall
<http://coop.msfc.nasa.gov/>

Stennis Center Education Sites
<http://www.nasa.gov/centers/stennis/education/index.html>

Wallops Flight Facility

Virginia • <http://www.nasa.gov/centers/wallops>

Internships, Co-Ops:

<http://www.nasa.gov/centers/wallops/education/internship-coopprograms.html>

White Sands Testing Facility

Cruces, New Mexico

<http://www.nasa.gov/centers/wstf/home/index.html>

Visit the Pennsylvania
Space Grant Consortium online at:
<http://pa.spacegrant.org>