Deadlines Approaching for Summer 2010 NASA Opportunities for Graduate and Undergraduate Students

From: NASA Education [mailto:education@nasa.gov]
Sent: Tuesday, January 05, 2010 9:27 AM
To: Cavender, Daniel P. (MSFC-EV32)[TBE-1]
Subject: Deadlines Approaching for Summer 2010 NASA Opportunities for Graduate and Undergraduate Students

NASA Ames Summer 2010 Graduate Student Internship Programs

The Systems Teaching Institute is offering a 10- to 12-week summer research program for graduate students in fields relevant to the research done at NASA's Ames Research Center in California. Selected students will gain hands-on experience working with cutting-edge research and development teams, an increased understanding of the NASA mission, and mentoring in research management skills. Besides working closely with Ames scientists and engineers, students will have the opportunity to attend seminars tailored to their level of expertise, career development workshops, and an end-of-summer symposium where they can share their results with other student interns. Awards (in the form of travel support to a national conference) will be given for the best symposium poster presentations.

To be eligible, students must be enrolled in (or accepted into) a master's or doctoral program. Students must demonstrate their potential to contribute to Ames research via enrollment in a highly relevant degree program (science, technology, engineering or mathematics) and/or articulation of:

-- Acquired skills that might be of special interest.
-- Prior educational background that shows interdisciplinary knowledge.
-- Specialized career goals directly related to NASA's mission.

Starting and ending dates are flexible to allow for varying institutional academic calendars. However, students are expected to work a minimum of 10 weeks between May 1 and Sept. 30, 2010.

All application materials should be postmarked on or before Jan. 31,
2010. Unofficial transcripts will be accepted for the Jan. 31 deadline. However, official transcripts must be received by March 31, 2010. The Systems Teaching Institute will make selections and send out notification letters to all applicants on or before April 30, 2010.

For further information about this opportunity, visit http://uarc.ucsc.edu/sti/grad_10.shtml. Questions regarding this opportunity may be submitted by e-mail to Dr. Natalie Batalha at nbatalha@science.sjsu.edu or Amy Gilbert at amy.gilbert@adm.ucsc.edu.

2010 NASA Planetary Biology Internship

The NASA Planetary Biology Internship Program provides opportunities each year for 10 interns to undertake research at NASA research centers, NASA-sponsored laboratories, and academic institutions. The pursuit of such studies is expected to broaden the base of this new science by encouraging people in many different fields to take part. Applicants must be enrolled in graduate school.

Students accepted in the PBI program will be expected to carry out research with a NASA-sponsored investigator for eight weeks, usually during the summer months. Typical programs in which interns may become involved include: global ecology and remote sensing; microbial ecology and bio-mineralization; advanced life support; and origin and early evolution of life.

Applications are due Feb. 15, 2010. For more information, visit http://www.mbl.edu/education/courses/other_programs/pbi.html. Please e-mail questions about this opportunity to Michael Dolan at pbi@geo.umass.edu.

2010 Summer Undergraduate Research Fellowships

Caltech's Summer Undergraduate Research Fellowships, or SURF, project introduces undergraduate students to research under the guidance of seasoned mentors at Caltech or the Jet Propulsion Laboratory. Students experience the process of research as a
creative intellectual activity and gain a more realistic view of the opportunities and demands of a professional research career.

SURF is modeled on the grant-seeking process. Students collaborate with potential mentors to define and develop a project, and to write research proposals. Caltech faculty or JPL staff review the proposals and recommend awards. Students work over a 10-week period in the summer, mid-June to late August. At the conclusion of the project, they submit a technical paper and give a SURF Seminar Day oral presentation.

All application materials must be received no later than Feb. 22, 2010. For more information, visit http://www.surf.caltech.edu/.

Please e-mail any questions about this opportunity to the Caltech Student-Faculty Programs office at sfp@caltech.edu.

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