



Langley Aerospace Research Summer Scholars (LARSS) Program

Program Description

The Langley Aerospace Research Summer Scholars (LARSS) Program was established in 1986 by Dr. Samuel E. Massenberg for the benefit of undergraduate and graduate students who are pursuing degrees in aeronautical engineering, mechanical engineering, electrical engineering, materials science, computer science, atmospheric science, astrophysics, physics, chemistry or selected aerospace-related disciplines of interest to NASA Langley Research Center (LaRC). Students with other majors that lend support to NASA's mission, such as management, public administration, journalism, media arts, accounting, psychology and law are also invited to apply.

Program Objectives

This Center-unique program is intended to encourage high-caliber college students to both pursue and earn graduate degrees and to enhance their interest in aerospace research by exposing them to the professional research resources and facilities of LaRC. Two primary elements of the LARSS Program are: (1) a research project completed by each participant under the supervision of a researcher that assumes the role of mentor for the summer and (2) technical lectures by prominent engineers and scientists. Additional elements of this program include tours of LaRC wind tunnels, computational facilities, and laboratories.

Approximately 150 full-time students are selected each year and sponsored for a 10-week period of research under the supervision of a NASA technical mentor. Participants are awarded a scholarship of \$4,500 for their summer research experience. This amount is increased to \$5,000 for graduate students. A "Bridge Program" has been added to LARSS which allows outstanding high school seniors and first and second year college students with a GPA of 3.5 or above to be accepted for an internship, at a lower rate of pay, providing that they have previous NASA sponsored research experience. An example would be participation in the NASA Summer High School Apprenticeship Research Program (SHARP).

Eligibility Requirements

- U.S. citizenship
- Classification as a rising undergraduate junior or senior, or graduate student (master's or doctoral level) and a GPA of 3.0 or above
- Classification under the "Bridge Program" (see above) and have a GPA of 3.5 or above

Application Process

- Completed LARSS application form (Available online at <http://edu.larc.nasa.gov/larss>)
- Resume, not to exceed two pages
- One-page statement of goals, research experience, and other pertinent data
- Official university transcripts (from each university attended)
- Two letters of recommendation

Deadline

To be considered, the application and all materials for the LARSS Program must be postmarked no later than February 1 to permit screening and selection for a starting date of the first Monday in June. Application and supporting materials postmarked after February 1 will not be considered. Application forms may be downloaded from the Office of Education web site at <http://edu.larc.nasa.gov/larss>.

Inquiries

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