

## 2016 NASA Education Research Announcement (NRA): Aeronautics Scholarship and Advanced STEM Training and Research (AS&ASTAR) Fellowship

NASA's Office of Education is seeking proposals for a NASA Education Aeronautics Scholarship and Advanced STEM Training and Research (AS&ASTAR) Fellowship. The purpose of the NASA Education AS&ASTAR Fellowship activity is to support the vitality and diversity of the STEM workforce of NASA and the United States by training and funding graduate students during their STEM academic endeavors and providing access to NASA, its content, unique facilities, and STEM experts.

NASA Education AS&ASTAR seeks, independently conceived graduate research proposal that response to the NASA Research Opportunity found in the solicitation.

The specific goals of NASA Education AS&ASTAR activity is to support the following NASA Education multi-year performance goal and API:

### A. *Multi-year Performance Goal:*

- **2.4.1:** Assure that students participating in NASA higher education projects are representative of the diversity of the nation.

### B. *Annual Performance Indicator:*

- **ED-16-1:** Provide significant, direct student awards in higher education to (1) students across all institutional categories and levels (as defined by the U.S. Department of Education), (2) racially or ethnically underrepresented students, (3) women, and (4) persons with disabilities at percentages that meet or exceed the national enrolled percentages for these populations, as determined by the most recent, publicly available data from the U.S. Department of Education's National Center for Education Statistics for a minimum of two of the four categories.

The specific objectives for NASA Education AS&ASTAR awards are to:

1. Improve the nation's future STEM workforce by developing the skills and competencies of graduates pursuing degrees in STEM disciplines, one student at a time;
2. Provide opportunities for a diverse population to participate and contribute to NASA's missions and projects;
3. Use NASA's unique mission content, workforce, and facilities in order to enhance and increase the capabilities, diversity, and size of the nation's next generation workforce needed to enable future NASA discoveries;
4. Improve the rates at which students, who have historically been underrepresented in NASA-related fields, are awarded graduate degrees at their respective universities in the STEM fields.

On or about May 16, 2016, this NASA Research Announcement: "NASA Education Aeronautics Scholarship and Advanced STEM Training and Research (AS&ASTAR) Fellowship",

NNH16ZHA001N will be posted on the NASA research opportunity homepage at <http://nspires.nasaprs.com/>. Proposals are due by **June 17, 2016, at 11:59pm EST**.

Pre-proposal teleconference is to take place on Monday, 5/23/16 at 3:00 pm Eastern (12:00 pm Pacific). Please cut and past the link:<https://ac.arc.nasa.gov/nifs/> and join the teleconference as a guest. The telecom number is 1-844-467-6272 and the passcode is 993012.

Questions concerning NASA Education Aeronautics Scholarship and Advanced STEM Training and Research (AS&ASTAR) Fellowship Activity, may be directed to Elizabeth Cartier, NASA Fellowships and Scholarships Deputy Program Manager, Ames Research Center, Office of Education, Moffett Field, CA 94035; E-mail: [elizabeth.a.cartier@nasa.gov](mailto:elizabeth.a.cartier@nasa.gov).