

Org-Type Government-based

Lead NASA PoC N/A

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Address

URL

Service-Region Nationwide

Type Professional Development for Teachers|Student Program|Lesson Plan|Resources

Subjects Space|Engineering|Technology

Level Undergraduate|Graduate

Other-Objectives

Served-per-Year Demographics

Content NASA's Education Associates program offers college and university students and faculty the opportunity to experience science and technology in the unique environment of NASA. It will be a hands-on experience at a NASA center working with NASA scientists, engineers and program managers on a NASA project. The projects will run the gambit of NASA's missions -- from the space shuttle to exploring the solar system, from exploring extreme environments on earth to research aircraft. In every case, it will be an opportunity to apply classroom theory to real-world problems -- making science relevant, exciting and fun. The program also affords students with the opportunity to explore themselves and consider their futures. At the same time, NASA project leaders capture the benefits of curious minds and eager hands of these students. Perhaps the biggest benefit is that the nation will reap the benefit of a larger and better trained cadre of scientists and engineers for the future. Outcomes-Generated: The objectives of the cooperative program are to *Help address the national need for future scientists and engineers; *Provide NASA with a way to tap the talents of students and faculty at universities; *Provide students and faculty the chance to experience NASA; and *Provide colleges and universities with associated partnership benefits.

Outcomes Education Associates can work on literally any project at NASA from the full spectrum of the NASA's Missions: *Space Shuttle and International Space Station *Looking at the Earth *Exploring our Solar System *Space Science & Technology *Deep Space Missions *Research Aircraft

Started Funded-Through

Length Ongoing Cost

Primary-Funding Government Primary-\$

Materials

Other-Funding

How-Assessed

Best-Practice-Why Some 600 Education Associates (EAs) have participated in the program working with over 250 sponsors and untold numbers of other NASA personnel. The EAs come from 119 different colleges and universities from across the nation. Nearly 10% of the participants have taken jobs with NASA or NASA contractors as a direct result of their experience. As one person at NASA headquarters recently said, "Education Associates is the best human capital program we have."

Promising-Practice

Sponsor Sponsor-Org

Sponsor-Phone Sponsor-Email

Other-Orgs NASA