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|--------------------|--|--------------------------------|-----------------------------|
| Org-Type | Government-based | | |
| Lead | NASA | PoC | N/A |
| PoC-Phone | 650-604-6746 | PoC-Email | dohandley@mail.arc.nasa.gov |
| Address | NASA Ames Research Center, T20G-2, Moffett Field CA 94035 | | |
| URL | | | |
| Service-Region | Nationwide | | |
| Type | Student Program | | |
| Subjects | Space Technology | | |
| Level | Undergraduate Graduate | | |
| Other-Objectives | | | |
| Served-per-Year | Demographics | | |
| Content | <p>The NASA Ames Academy for Space Exploration is a unique summer program of higher learning whose goal is to help guide future leaders of the U.S.Space Program by giving them a glimpse of how the whole system works. The success of the Space Program results from the interaction of government, academia, and the private sector, each playing a critical and different role in the 49-year-old civil program. At the Ames Academy students can learn more about the technologies and studies that are going to make a difference in the 21st century by conducting research projects. Topics for research include: * Advanced Aerospace Materials And Devices: Multifunctional Embedded Systems Development for Exploration Missions * Molecular Mechanisms Of Adsorption For Thermal Protection Systems, * Small Satellite Development * Search for Comets and Asteroids</p> | | |
| Outcomes | <p>The goal of the Academy is to inspire gifted students to become leaders in the aerospace program. Its primary objectives are to: 1) Provide upper level undergraduate/first year graduate students cutting-edge research opportunities with NASA scientists, engineers, and educators, 2) Provide opportunities for leadership development, teamwork, and relationship building, 3) Connect to communities at different places in the educational pipeline through special projects and outreach efforts, especially to under represented student populations,and 4) Link Academy alumni to future hiring opportunities within NASA and throughout the space program.</p> | | |
| Started | | Funded-Through | |
| Length | Ongoing | Cost | |
| Primary-Funding | | Primary-\$ | |
| Materials | | | |
| Other-Funding | | | |
| How-Assessed | | | |
| Best-Practice-Why | <p>The NASA Academy program is committed to providing a strong technical foundation through which leadership potential can develop among an academically strong and diverse student population. Upon graduation, students immediately find themselves within a latticed network of support from the NASA Academy Alumni Association (NAAA).This structure helps place the students in positions of employment within NASA and in related industries.</p> | | |
| Promising-Practice | | | |
| Sponsor | | Sponsor-Org | |
| Sponsor-Phone | | Sponsor-Email | |
| Other-Orgs | | | |