

Program-Title	Faculty and Student Teams (FaST)		STEM Inventory	Entry# 70
Org-Type	Non-Profit-based Government-based			
Lead	Department of Energy & the National Science Foundation	PoC	N/A	
PoC-Phone	202-586-9742	PoC-Email	sc.helpwithapplication@science.doe.gov	
Address				
URL				
Service-Region	Nationwide			
Type	Professional Development for Teachers Student Program			
Subjects	General Science Biology Chemistry Physics Earth Science Space Computer Science Engineering			
Level	Undergraduate			
Other-Objectives				
Served-per-Year		Demographics	Women Asian and/or Pacific Islander Black or African American Hispanic or Latino Economically disadvantaged	
Content	<p>The Faculty and Student Teams (FaST) Program encourages faculty from colleges and universities with limited research facilities and those institutions serving populations, women, and minorities underrepresented in the fields of science, engineering, and technology to apply for the program. The FaST program will support a team comprised of one faculty member and 2 – 3 undergraduate students. The program provides hands-on research opportunities in DOE national laboratories during the summer. The faculty member identifies a mutually beneficial research area amenable to collaboration by the faculty member and the laboratory scientist. Potential areas of collaboration are based upon the Project Descriptions described at the specific DOE Office of Science laboratory. Faculty and student team members recruited by the faculty member should apply online. If the application is accepted, your institution may be responsible for requesting supplemental funding from NSF to support the team's participation. Link to the project descriptions: http://www.scied.science.doe.gov/scied/fast/project_desc.html</p>			
Outcomes	<p>The program aims to generate the following outcomes: An opportunity to contribute to and be on the ground floor of new ideas and exciting projects leading to publications for faculty and graduate school opportunities for students. A highly interactive and stimulating immersion experience in the research environment. Sustainable professional relationships between faculty and Laboratory investigators. A supportive approach that reinforces learning through research participation. Workshops and training to minimize the "culture shock" of entering and working in a National Laboratory setting. Opportunities to reform undergraduate education. Internet-based technologies to support distance education and research collaboration. An opportunity to add to the diversity of the science and engineering workforce at the DOE National Laboratories. An opportunity for DOE laboratory investigators to have a dedicated team supported and working to advance their research and development objectives.</p>			
Started		Funded-Through		
Length	Ongoing	Cost		
Primary-Funding	Foundation Government	Primary-\$		
Materials				
Other-Funding				
How-Assessed				
Best-Practice-Why				
Promising-Practice				
Sponsor		Sponsor-Org		
Sponsor-Phone		Sponsor-Email		
Other-Orgs				