

Faculty and Student Teams

Issue No. 79

Program Coordinator

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Program Description:

The Dept. of Energy Faculty and Student Teams (FaST) program provides a framework and some funding to support summer internship collaborations between universities and the Lab. The university faculty members bring 2 or 3 exceptional students along for a 10-week research internship. Stipends, housing, and travel costs are covered using a combination of DOE and National Science Foundation funding.

Primary Outcomes:

The program is currently aimed at promoting the professional development of the faculty member participants. It is hoped that the faculty members will become ambassadors for the DOE research enterprise and will develop skills useful for securing federal research funding.

Areas Served:

Nationwide;

Grade Level:

Undergraduate; Professional Development;

Leading Organization:

STBPO-EPDO

Program Address/Mailstop:

M709

Number of Individuals Served by the Program per Fiscal Year:

2 teams of approximately 3 people each - 6

Year Program Started:

2008 at LANL

Program Partners:

National Science Foundation

Funding received:

\$35K from DOE

Resources/Materials provided to program participants:

Stipends, housing allowance, travel reimbursement (if applicable)

Other funding sources:

Depends upon the specific NSF grants currently held by the university involved.

Program Cost:

DOE kicks in approximately \$18K per team or \$36K total for the two teams

Other learning objectives:

Students participating in the program are expected to learn more about the scientific process as well as content area knowledge related to their LANL research projects.

Best Practices:

The faculty member participants report the program allows them to make their university teaching much more focused and relevant for their students.

How program outcomes are accessed:

DOE office of Workforce Development for Teachers and Scientists complete annual assessments using participant surveys and program data.

Reporting Requirements:

DOE organization performs annual assessments and reports back to DOE and laboratory stakeholders

Cost per participant:

students cost ~\$10K each, faculty members cost ~\$15K

Participant Application Process:

Described at: <http://science.energy.gov/wdts/fast/>

Program Recruitment Initiatives:

Program participants come to us, we don't currently apply any effort to recruitment.

Targeted Diversity Groups:

American Indian and/or Alaskan Native; Black and/or African American; Hispanic and/or Latino; Women and/or girls; Individuals and disabilities; Economically disadvantaged;

Type of Program:

Teacher/Faculty Professional Development;

Program Website/URL:

<http://science.energy.gov/wdts/fast/>

Projected Length of Program:

Summer;

Primary funding source:

Government;

Program Evaluation:

Formal/External; Year end Report;
