

NATIONAL SCIENCE FOUNDATION  
4201 WILSON BOULEVARD  
ARLINGTON, VA 22230



January 31, 2001

OFFICE OF THE  
ASSISTANT DIRECTOR  
FOR EDUCATION AND  
HUMAN RESOURCES

NSF 01-68

Dear Colleague:

I am writing to you because you are the Principal Investigator (PI) of a National Science Foundation (NSF) award managed by one of the following programs, which often have participation by community college students and/or pre-service teachers:

Advanced Technological Education (ATE)  
Computer Science, Engineering, and Mathematics Scholarships (CSEMS)  
Louis Stokes Alliances for Minority Participation (LSAMP)  
NSF Collaboratives for Excellence in Teacher Preparation (CETP)

I wish to make you aware of a new cooperative effort between NSF and the Department of Energy (DOE) Office of Science. To support the continued leadership of the United States in science, mathematics, engineering, and technology (SMET) and the continued development of a competitive, diverse SMET workforce, NSF and DOE are initiating a collaboration between the agencies' programs for the development of human resources in SMET. As an immediate result of this effort, during FY2001 NSF will support students and faculty from eligible NSF projects who are accepted as participants in any one of three DOE initiatives that provide hands-on research opportunities in DOE national laboratories during the summer: **Energy Research Undergraduate Laboratory Fellowships (ERULF)**, **Faculty-Student Teams (FaST)**, and **Pre-Service Teacher (PST) Internships**. You are invited to nominate appropriate students and faculty for these opportunities and, if their applications are approved by DOE, to request supplemental funding from NSF to support their participation.

A description of the opportunities is attached. ERULF and FaST are designed for college students and faculty who could benefit from working in an advanced scientific research environment, and PST Internships target both undergraduate and graduate students who are preparing to become teachers of science, mathematics, and technology at elementary and secondary schools.

In FY2001, students and faculty members whom you nominate may apply to DOE to participate in any of the three initiatives (ERULF, FaST, or PST Internships). *Applications are due at DOE no later than February 17, 2001.* If the applicants are accepted by DOE, you should forward a formal request for supplemental funding to NSF.

We hope that you will give serious consideration to nominating appropriate students and faculty for the DOE initiatives and subsequently applying to NSF for a supplement to support the participants. As always, we cannot guarantee that a supplement request will be granted, but we will strive to fund as many as possible.

Sincerely,

A handwritten signature in black ink that reads "Judith S. Sunley".

Judith S. Sunley  
Interim Assistant Director

Attachment

**Opportunities for Participation in Programs of the  
DEPARTMENT OF ENERGY OFFICE OF SCIENCE**

***Energy Research Undergraduate Laboratory Fellowships (ERULF)*** target college students who have not had an opportunity to work in an advanced scientific research environment, especially students belonging to groups underrepresented in fields of science, mathematics, engineering, and technology. The program incorporates both an individually mentored research component and a set of enrichment activities, which include lectures, classroom activities, career guidance and planning, and field trips. Additional information is available on the Web at <<http://www.scied.science.doe.gov/ERULF/>>.

*ATE, CSEMS, and LSAMP grantees* are eligible to request supplements to support the participation of undergraduate students in the ERULF program. NSF will provide stipend and travel support of \$4,500 per student for up to 125 students (nationwide).

***Faculty–Student Teams (FaST)*** will draw a small number of community college professors and students to partner with resident scientists at DOE national laboratories to perform research in a ten-week summer program. FaST participants are encouraged to continue their research when they return to their community colleges.

*ATE, CSEMS, and LSAMP grantees* are eligible to request supplements to support the participation of community college faculty–student teams in the FaST initiative. NSF will provide stipend and travel support of \$8,000 per faculty member for up to four community college faculty members (nationwide). Each faculty member who is selected to participate will select up to three students to join the research team; NSF will provide stipend and travel support of \$4,500 per student.

***Pre-Service Teacher (PST) Internships*** target undergraduate and graduate students who are preparing to become teachers of science, mathematics, and technology at elementary and secondary schools. In addition to the research component found in the ERULF program, the students are guided by a resident Master Teacher to learn how to transfer their newfound scientific research expertise to the classroom. This culminates in each student writing an educational module based on his or her research, which incorporates science standards and benchmarks. Additional information is available on the Web at <<http://www.scied.science.doe.gov/PST/>>.

*CETP grantees* are eligible to request supplements to support the participation of undergraduate or graduate students in the PST Internships program. NSF will provide stipend and travel support of \$4,500 per student for up to 50 students (nationwide).

For participants in all three initiatives, DOE will provide support for housing, laboratory safety training, local travel, and other program costs.

During FY2001, eligible NSF grantees may nominate students and faculty members to participate in any of the three initiatives (ERULF, FaST, or PST Internships). Upon acceptance of nominees by DOE, the NSF grantee should forward a formal request for supplemental funding to NSF.

## APPLYING TO DOE

Applications are due at DOE no later than **February 17, 2001**.

**ERULF:** NSF Principal Investigators (PIs) are asked to identify students who have the potential to benefit significantly from the research participation offered by the ERULF program. These students should complete the ERULF application on the DOE Office of Science Web site at <<http://www.scied.science.doe.gov/ERULF/>>. This form has a check box where students should indicate that they are affiliated with one of the eligible NSF programs (i.e., ATE, CSEMS, or LSAMP). In addition, each student is required to send an e-mail to Sue Ellen Walbridge at <[sue-ellen.walbridge@science.doe.gov](mailto:sue-ellen.walbridge@science.doe.gov)> and provide:

- the student's full name;
- the name of the college in which the student is enrolled;
- the name of the NSF program with which the student is associated (e.g., Advanced Technological Education);
- the name, e-mail address, and institution of the PI of the NSF grant; and
- the seven-digit NSF Award Number for the grant.

*The above information is required so that DOE can notify the NSF PI that he or she has been approved to request an NSF supplement.*

**FaST:** Either the PI or another faculty member associated with the NSF ATE, CSEMS, or LSAMP grant should send an e-mail to Sue Ellen Walbridge at <[sue-ellen.walbridge@science.doe.gov](mailto:sue-ellen.walbridge@science.doe.gov)> and provide:

- the applicant's full name and e-mail address;
- the name of the community college at which the applicant is a faculty member;
- the name, e-mail address, and institution of the PI of the NSF grant, if the applicant is not the PI;
- the name of the NSF program with which the applicant is associated (e.g., Advanced Technological Education);
- the seven-digit NSF Award Number for the grant.

*The above information is required so that DOE can notify the NSF PI that he or she has been approved to request an NSF supplement.* Upon receiving this e-mail, DOE will send the applicant an application form. Applicants will be asked to summarize their field of interest and the work they would like to perform. Each applicant will also be required to identify up to three community college students with whom he or she wishes to work during the 10-week summer experience.

**PST Internships:** NSF CETP PIs are asked to identify students who have the potential to benefit significantly from the research participation offered by the PST Internships program. These students should complete the PST Internships application on the DOE Office of Science Web site at <<http://www.scied.science.doe.gov/PST/>>. In addition, each student is required to send an e-mail to Sue Ellen Walbridge at <[sue-ellen.walbridge@science.doe.gov](mailto:sue-ellen.walbridge@science.doe.gov)> and provide:

- the student's full name;
- the name of the college or university in which the student is enrolled;
- the name, e-mail address, and institution of the PI of the NSF CETP grant; and
- the seven-digit NSF Award Number for the grant.

*The above information is required so that DOE can notify the NSF PI that he or she has been approved to request an NSF supplement.*

## REQUESTING SUPPLEMENTAL FUNDING FROM NSF

After DOE notifies the NSF PI that his or her nominations have been approved, the PI should submit a request for supplemental funding to NSF. This request should conform to the procedure outlined in NSF's *Grant Policy Manual*, Section 264 (see <<http://www.nsf.gov/bfa/cpo/gpm95/ch2.htm#ch2-19>>). The PI should include a brief (one-page) statement of the desire to participate in the relevant DOE initiative; a budget on NSF Form 1030 for travel and stipend(s); and a copy of the notification from DOE that the nominated students or faculty have been accepted. (NSF Form 1030 is available on the Web at <<http://www.nsf.gov/cgi-bin/getpub?form1030>>.) On the budget form, stipends and travel support should be entered on Line F (Participant Support). Indirect costs are not allowed on participant support costs, and there is no administrative allowance in lieu of indirect costs.

NSF's FastLane system should *not* be used to prepare and submit these requests for supplemental funding. The requests must be postmarked (or contain a legible proof-of-mailing date assigned by the carrier) no later than **April 13, 2001**, and mailed to the following address:

NSF-DOE Collaboration Supplement Request  
Division of Undergraduate Education  
National Science Foundation  
4201 Wilson Blvd., Suite 835  
Arlington, VA 22230

The Division of Undergraduate Education will contact the cognizant NSF program officer for the grant to process the request and will act to resolve any administrative issues with DOE.

Grantees are reminded that they may expend funds for allowable costs up to 90 days prior to the official notification of an award, in accordance with the *Grant Policy Manual*, Section 602.2, (see <<http://www.nsf.gov/bfa/cpo/gpm95/ch6.htm#ch6-8>>).

## ADDITIONAL INFORMATION

Requests for additional information or clarifications may be e-mailed to <[undergrad@nsf.gov](mailto:undergrad@nsf.gov)>.

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### Notices from the National Science Foundation

The National Science Foundation (NSF) funds research and education in most fields of science and engineering. Grantees are wholly responsible for conducting their project activities and preparing the results for publication. Thus, the Foundation does not assume responsibility for such findings or their interpretation.

NSF welcomes proposals from all qualified scientists, engineers and educators. The Foundation strongly encourages women, minorities, and persons with disabilities to compete fully in its programs. In accordance with federal statutes, regulations, and NSF policies, no person on grounds of race, color, age, sex, national origin, or disability shall be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving financial assistance from NSF (unless otherwise specified in the eligibility requirements for a particular program).

Facilitation Awards for Scientists and Engineers with Disabilities (FASSED) provide funding for special assistance or equipment to enable persons with disabilities (investigators and other staff, including student research assistants) to work on NSF-supported projects. See the program announcement or contact the program coordinator at (703) 292-6865.

The National Science Foundation has Telephonic Device for the Deaf (TDD) and Federal Relay Service (FRS) capabilities that enable individuals with hearing impairments to communicate with the Foundation regarding NSF programs, employment, or general information. TDD may be accessed at (703) 292-5090 or through FRS on 1-800-877-8339.

### **Privacy Act and Public Burden Statements**

The information requested on proposal forms and project reports is solicited under the authority of the National Science Foundation Act of 1950, as amended. The information on proposal forms will be used in connection with the selection of qualified proposals; project reports submitted by awardees will be used for program evaluation and reporting within the Executive Branch and to Congress. The information requested may be disclosed to qualified reviewers and staff assistants as part of the review process; to applicant institutions/grantees to provide or obtain data regarding the proposal review process, award decisions, or the administration of awards; to government contractors, experts, volunteers and researchers and educators as necessary to complete assigned work; to other government agencies needing information as part of the review process or in order to coordinate programs; and to another Federal agency, court or party in a court or Federal administrative proceeding if the government is a party. Information about Principal Investigators may be added to the Reviewer file and used to select potential candidates to serve as peer reviewers or advisory committee members. See Systems of Records, NSF-50, "Principal Investigator/Proposal File and Associated Records," 63 Federal Register 267 (January 5, 1998), and NSF-51, "Reviewer/Proposal File and Associated Records," 63 Federal Register 268 (January 5, 1998). Submission of the information is voluntary. Failure to provide full and complete information, however, may reduce the possibility of receiving an award.

Public reporting burden for this collection of information is estimated to average 120 hours per response, including the time for reviewing instructions. Send comments regarding this burden estimate and any other aspect of this collection of information, including suggestions for reducing this burden, to: Suzanne H. Plimpton, Reports Clearance Officer; Division of Administrative Services; National Science Foundation; Arlington, VA 22230.

The National Science Foundation is committed to making all of the information we publish easy to understand. If you have a suggestion about how to improve the clarity of this document or other NSF-published materials, please contact us at [plainlanguage@nsf.gov](mailto:plainlanguage@nsf.gov).

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