

1997
*Presidential
Awards*



FOR EXCELLENCE
IN SCIENCE,
MATHEMATICS
&
ENGINEERING
MENTORING

CALL FOR NOMINATIONS



CALL FOR NOMINATIONS

The White House, through the National Science and Technology Council (NSTC) and the Office of Science and Technology Policy (OSTP), has established the Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) Program. The program, administered on behalf of the White House by the National Science Foundation, seeks to identify outstanding mentoring efforts/programs designed to enhance the participation of groups underrepresented in science, mathematics and engineering. The awardees will serve as exemplars to their colleagues and will be leaders in the national effort to more fully develop the Nation's human resources in science, mathematics and engineering. Nominations are invited for the **1997** competition of these annual awards honoring individuals and institutions that have outstanding records of mentoring students from underrepresented groups toward significant achievement in science, mathematics and engineering.

A grant in the amount of \$10,000 will accompany the award along with a commemorative Presidential certificate. The award will be made to: an individual who has demonstrated outstand





ing and sustained mentoring and effective guidance to a significant number of students at the K-12, undergraduate, or graduate education level; or an institution that, through its programming, has enabled a substantial number of students underrepresented in science, mathematics and engineering to successfully pursue and complete the relevant degree programs. **For postsecondary levels, these efforts must show that students have been successfully mentored to either the baccalaureate, master's, or doctoral degree level.** It is expected that each award will be used to continue the recognized activity. The nominees must have served in such a mentoring role for at least five years.

Beyond the mentoring grant, each awardee will be invited to Washington, D.C. for an awards ceremony; recognition events and meetings with leaders in federal sector education and research; and focused workshops addressing effective mentoring of students from the underrepresented groups. The awardees will be honored at a White House ceremony in **September 1997.**

SELECTION CRITERIA

Nominees will be evaluated by the following:

- The number and diversity of students mentored to **(postsecondary levels) the baccalaureate, master's, or doctoral degree level;**

- The success of students mentored in pursuit of degree objectives and attendant quality of academic performance;
- Demonstrated achievement in assisting students to understand how the educational system works and promoting their advancement in the educational continuum in science, mathematics or engineering;
- Affording students effective academic/ research experience, sustained academic support systems, and strategies leading to successful matriculation and degree completion in science, mathematics and engineering fields;
- Substantive achievements in changing the educational system to enable improved performance and advancement for underrepresented groups; and
- Demonstrated innovation that is replicable.

ADDITIONAL CRITERIA FOR INSTITUTIONS

- **Demonstrated institutional sustainability in structural changes or special programs that have increased student retention and/or graduation rates;**



- Demonstrated quality of institutional life that fosters the establishment of viable networks that facilitate learning, contacts, and career developments;
- Demonstrated institutional or organizational distinctiveness in the advancement or promotion of the educational and career development of students in science, mathematics and engineering fields; and
- Demonstrated distinctiveness in carrying out the institution's social responsibility to create a more positive learning environment by helping to provide an atmosphere that values diversity among students, faculty, and administrators.

NOMINATION AND DEADLINE

The submission process requires that the individual, institution or organization be nominated by a colleague, administrator, institution, or student. **Nominations may only be made to one of the two categories of award, not both. Nominations for the individual award must clearly delineate the achievements of the individual versus those of the institution or organization; and nominations for institutions or organizations must reflect the organizational versus individual achievements. Government employees are not eligible for nomination.** The nomination packet should include:

INDIVIDUAL

- A letter of nomination summarizing activities that constitute the basis for the nomination (not to exceed 600 words);
- A curriculum vita of the nominee (5-page maximum);
- A list of students mentored; and



- Letters of support (a maximum of 5) from colleagues and students attesting to the nominee's demonstrable and sustained achievements in the mentoring of underrepresented students in science, mathematics and engineering.

INSTITUTION

- A letter of nomination summarizing activities that constitute the basis for the nomination (not to exceed 600 words);
- A brief institutional or organizational description;
- A list of activities bearing on students mentored; and
- Materials documenting the sustained achievements in mentoring underrepresented students.

The nomination deadline is April 30, 1997 and should be sent to:

National Science Foundation
Presidential Awards for Mentoring
4201 Wilson Boulevard
Arlington, VA 22230
FAX: (703) 306-0423

Presidential Awards

FOR EXCELLENCE IN SCIENCE, MATHEMATICS & ENGINEERING MENTORING

1996 AWARDEES — INDIVIDUALS

Martha G. Absher, Duke University, Durham, NC

Howard G. Adams, National Institute on
Mentoring, Georgia Institute of Technology,
Atlanta, GA

Diola Bagayoko, Southern University and A&M
College, Baton Rouge, LA

Joaquin Bustoz, Arizona State University,
Tempe, AZ

Carlos G. Gutierrez, California State University-
Los Angeles, Los Angeles, CA

Janet S. Herman, University of Virginia,
Charlottesville, VA

Susan J.S. Lasser, Clemson University,
Clemson, SC

Melvin B. Robin, Science High School, Newark, NJ

Walter S. Smith, University of Akron, Akron, OH

Richard A. Tapia, Rice University, Houston, TX

1996 AWARDEES — INSTITUTIONS

Columbia University Double Discovery Center,
New York, NY (Kevin C. Matthews accepting)

Dartmouth College Women in Science Project,
Hanover, NH (Mary L. Pavone accepting)

National Action Council for Minorities in
Engineering, Inc. (NACME), New York, NY
(George Campbell, Jr. accepting)

New Mexico MESA, Inc., Albuquerque, NM
(Evangeline Sandoval Trujillo accepting)

Oregon Graduate Institute of Science &
Technology Saturday Academy Program,
Portland, OR (Kathryn G. Whitney accepting)

University of Maryland Baltimore County, MD
(Freeman A. Hrabowski, III accepting)



The Foundation provides awards for research in the sciences and engineering. The awardee is wholly responsible for the conduct of such research and preparation of the results for publication. The Foundation, therefore, does not assume responsibility for the research findings or their interpretation.



The Foundation welcomes proposals from all qualified scientists and engineers, and strongly encourages women, minorities, and persons with disabilities to compete fully in any of the research and related programs described here. 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 subject to discrimination under any program or activity receiving financial assistance from the National Science Foundation.

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 projects. See the program announcement or contact the program coordinator at (703) 306-1636.

Privacy Act and Public Burden. The information requested on proposal forms is solicited under the authority of the National Science Foundation Act of 1950, as amended. It will be used in connection with the selection of qualified proposals and 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 application review process, award decisions, or the administration of awards; to government contractors, experts, volunteers, and researchers as necessary to complete assigned work; and to other government agencies in order to coordinate programs. See Systems of Records, NSF-50, "Principal Investigators/Proposal File and Associated Records," and NSF-51, 60 Federal Register 4449 (January 23, 1995), "Reviewer/Proposal File and Associated Records," 59 Federal Register 8031 (February 17, 1994). Submission of the information is voluntary. Failure to provide full and complete information, however, may reduce the possibility of your 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 or any other aspect of this collection of information, including suggestions for reducing this burden, to Herman G. Fleming, Reports Clearance Officer, Contracts, Policy, and Oversight, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230.

The National Science Foundation has TDD (Telephonic Device for the Deaf) and FIRS (Federal Information Relay Service) capabilities, which enable individuals with hearing-impairment to communicate with the Foundation about NSF programs, employment, or general information. To access TDD dial (703) 306-0090; for FIRS, 1-800-877-8339.

CFDA # 47.076

OMB # 3145-0058

PROGRAM TYPE: #25

**NATIONAL SCIENCE FOUNDATION (NSF)
PRESIDENTIAL AWARDS FOR EXCELLENCE
IN SCIENCE, MATHEMATICS
AND ENGINEERING
MENTORING PROGRAM
INFORMATION FORM**

The following information will be used for the clearance required for Presidential Awards should your nomination be recommended by the National Science Foundation (NSF) to the Office of Science and Technology Policy (OSTP) for a Presidential Mentoring Award. Each nominee should read and sign this form under the Disclosure Statement.

FULL NAME:

(include full, middle name and any former names used)

SOCIAL SECURITY NO:

DATE OF BIRTH:

PLACE OF BIRTH:

MARK ONE OF THE FOLLOWING:

U.S. Citizen **Permanent Resident**

If you are a permanent resident have you applied for U.S. citizenship?

**CURRENT HOME ADDRESS AND
TELEPHONE NUMBER:**

NOMINEE DISCLOSURE STATEMENT

I, the undersigned Presidential Mentoring nominee, by signing this form acknowledge that I have been informed that the information contained on this form and the nomination submission will be available to those individuals directly involved in the review and award process at the National Science Foundation (NSF) and the White House Office of Science and Technology Policy (OSTP). I authorize the disclosure of nominating materials to those individuals implementing the review and award process.

If permanent resident status is checked I also authorize disclosure of identifying information from my nomination materials to the U.S. Immigration and Naturalization Service for the purpose of verifying permanent resident status.

Nominee Signature **Date**

EFFECT OF NONDISCLOSURE: Submission of this information is voluntary. However, failure to supply the information or authorize these disclosures could result in your ineligibility for an award.

* Submission of your social security number is voluntary and will not affect eligibility for an award. However, it is integral to the processing of any Presidential award, including PAESMEM. SSN solicited under NSF Act of 1950, as amended.