



The Presidential Award for
Excellence in Science, Mathematics,
and Engineering Mentoring
is presented with the gratitude
of your fellow citizens by

The President of the
United States of America
to

*Minority Engineering, Mathematics and
Science (MEMS) Program
University of New Mexico*

for embodying excellence in mentoring
underrepresented students and encouraging
their significant achievement in science,
mathematics, and engineering.

THE WHITE HOUSE
SEPTEMBER 2000

William S. Clinton

THE WHITE HOUSE

WASHINGTON

September 5, 2000

I am pleased and proud to congratulate the outstanding recipients of the 2000 Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring.

When we established these awards in 1996, we did so to encourage more scientists, engineers, and mathematicians to become mentors and to encourage more minorities, women, and young people with disabilities to seek careers in science and math and in technological fields. In this challenging new century, where science and technology are changing the way we live, work, and learn, the quality of people's lives and America's leadership of the global economy will be determined largely by how well our young people understand these fields and how effectively we teach them the skills and knowledge they need to succeed.

While I am proud of my Administration's commitment to this endeavor, I know that no government initiative can truly benefit young Americans without the one-on-one attention and encouragement that role models like you provide. I commend each of you for working with vision and creativity to empower students from all racial and cultural backgrounds with the guidance and inspiration they need to pursue the study of science, mathematics, and engineering. You are making an important and lasting investment in America's future.

Best wishes to all for a memorable event.

Bill Clinton

THE WHITE HOUSE

Office of Science and Technology Policy

For Immediate Release
September 7, 2000

Contact: (202) 456-6130

SCIENCE, MATH, ENGINEERING MENTORS RECEIVE PRESIDENTIAL AWARD

Today, ten individuals and ten institutions that have been exemplary in their encouragement of minorities, women, and persons with disabilities to pursue careers in scientific and technical fields will receive the Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring. President Clinton established this award in 1996 to recognize the efforts of individuals and organizations that inspire and mentor young people to succeed in the fields of science, math, and engineering.

"We must draw upon our nation's full talent pool to maintain U.S. leadership across the frontiers of scientific knowledge," the President said. "We honor these individuals and institutions who have contributed so much through their mentoring efforts to achieve greater diversity throughout the ranks of our scientific and engineering workforce."

The National Science Foundation administers this annual award which includes a commemorative Presidential certificate and a \$10,000 grant to the individuals and institutions to continue their outstanding mentoring activities. Institutional awards are given to organizations who have enabled a substantial number of students from groups traditionally underrepresented in science, mathematics and engineering to pursue these important technical career paths.

The Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring for 2000 will be presented to:

Individual Awardees:

Daniel L. Akins, City College of New York, New York, NY
James F. P. Cotter, University of Minnesota, Morris, MN
Vallie W. Guthrie, North Carolina A&T State University, Greensboro, NC
Glenn D. Kuehn, New Mexico State University, Las Cruces, NM
Juan Lopez-Garriga, University of Puerto Rico – Mayaguez, Mayaguez, PR
Abdulalim Abdullah Shabazz, Lincoln University, Lincoln University, PA
Carlos G. Spaht, II, Louisiana State University – Shreveport, Shreveport, LA
Michael F. Summers, University of Maryland – Baltimore County, Baltimore, MD
Luis P. Villarreal, University of California – Irvine, Irvine, CA
Maria Elena Zavala, California State University – Northridge, Northridge, CA

Institutional Awardees:

American Society for Microbiology, Board of Education and Training,
Clifford W. Houston

Committee on Institutional Cooperation (Big Ten), Summer Research Opportunities Program,
Jean E. Girves

Humboldt State University, Indian Natural Resources, Sciences and Engineering Program,
Russell V. Boham

North Carolina State University, College of Engineering Programs for Minorities and Women,
Sarah A. Rajala

University of Alabama at Birmingham, Office of Minority and Special Programs,
Louis Dale

California Mathematics, Engineering, Science Achievement (MESA),
Michael Aldaco

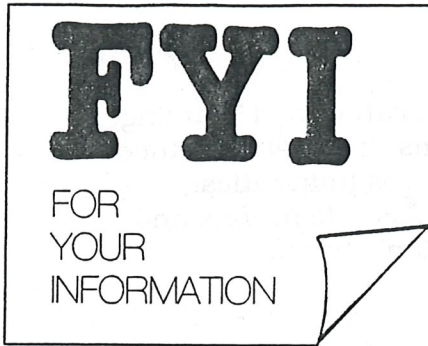
University of Michigan, Women in Science and Engineering (WISE),
Cinda-Sue G. Davis

University of New Mexico, Minority Engineering, Mathematics and Science (MEMS),
Maurice Thompson

Washington Mathematics, Engineering, Science Achievement (MESA),
Patricia M. MacGowan

Western Interstate Commission for Higher Education, Compact for Faculty Diversity,
Ken Pepion

National Science Foundation



FACT SHEET

Presidential Awards for Excellence in Science, Mathematics and and Engineering Mentoring

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Background: Up to 10 individuals and 10 institutions may be selected to receive the annual Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM). Individual mentors demonstrate outstanding and sustained mentoring and effective guidance to a significant number of students at the K-12, undergraduate or graduate education levels. Institutional presidential mentors are organizations that, through their programs, have enabled a substantial number of students from groups underrepresented in science, mathematics and engineering to successfully pursue and complete relevant degree programs.

History: *Science in the National Interest*, a 1994 national policy document on science and technology, articulated several goals as part of the Clinton Administration's effort to propel the nation into the 21st century on a strong scientific and technological foundation. Two major goals of the document are: to produce of the finest scientists and engineers for the 21st century; and, attain scientific literacy for all.

The Administration's commitment is to maximize the nation's pool of talented, well-educated and highly trained scientists and engineers to help achieve the major goals of *Science in the National Interest*. This commitment includes a demonstrated effort to produce scientists and engineers in greater quantity and quality by actively increasing the participation of talent that draws fully on all racial/cultural segments of the nation's population.

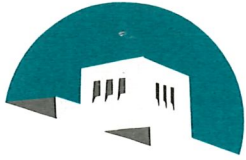
Rationale for the Mentoring Program: The President—through the National Science and Technology Council (NSTC)—established PAESMEM to recognize the critical importance played by visible role models, and the power of mentors to affect the development of talent among groups traditionally underrepresented in science, mathematics and engineering.

(more)



The awards are implemented by NSTC's Committee on Education and Training. They recognize outstanding mentoring efforts and programs that have enhanced the participation of individuals from underrepresented groups (minorities, women and persons with disabilities). The awardees serve as role models and leaders in the national effort to develop more fully the nation's human resources in science, mathematics and engineering.

Administration: The PAESMEM program is administered by the National Science Foundation. Both the individual and the institutional mentoring awards include a \$10,000 grant to go along with a presidential commemorative certificate. The monetary award is to be directed back into the recognized mentoring activity.



The University of New Mexico

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October 2, 2000

Doug Williams
MEP/MEMS
School Of Engineering
University of New Mexico

Dear Doug:

Attached are copies of documents related to the Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring recently received by our organization. I thought you might wish to preserve them as a memento of the high honor bestowed on the department.

As a member of our staff you have contributed significantly to the effectiveness of our programs and therefore you ought to feel satisfaction and pride that a share of the recognition we have received as a group is yours. I wish to convey to you my appreciation for your efforts and to encourage you to keep on working for the continued improvement of MEP/MEMS.

Sincerely,

Maurice Thompson