

Selected Resources

A few of the many programs and reports on the minority pipeline problem.

PROGRAMS

The American Indian Science and Engineering Society (AISES)
1630 30th Street, #301
Boulder, CO 80301 (303) 492-3400
Magazine: *Winds of Change*
Serves American Indian students (K-graduate school) and professionals. Provides scholarships, teacher training, precollege programs and a placement service for members.

Math, Engineering, Science Achievement (MESA)
Lawrence Hall of Science
University of California,
Berkeley CA 94720 (510) 642-5064
Provides scholarships, summer jobs, and counseling to university students and academic enrichment for students (grade two-undergraduate).

National Action Council for Minorities in Engineering Inc. (NACME)
3 West 35th Street
New York, NY 10001-2281 (212) 279-2626
Conducts research, provides scholarships, publishes educational materials, and develops model programs to encourage engineering careers.

National Association for Equal Opportunity in Higher Education
Black Higher Education Center
400 12th Street, N.E.
Washington, D.C. 20002 (202) 543-9111
Undergraduate umbrella organization for historically black colleges and universities. Distributes information on minority scholarships to member schools.

National Council of Teachers of Mathematics
1906 Association Drive
Reston, VA 22091 (703) 620-9840
Clearing house for math education. Offers publications, conventions, and scholarship programs for teachers; develops instructional aids and math curricula.

National Institutes of Health
Division of Research Resources
5333 Westbard Avenue
Bethesda, MD 20892 (301) 496-6745
Offers scholarships and training programs for undergraduate and graduate student interested in biomedical research. Offers grants to minority faculty, K-graduate school.

National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBBChE)
Howard University Dept. of Chemistry
P.O. Box 5
Washington, D.C. 20059 1-800-776-1419
Holds annual meeting for students and professionals. Offers workshops, career advice, networking, and scholarships to undergraduates and graduates.

National Science Foundation
Division of Human Resource Development
1800 G Street, NW
Washington, D.C. 20550 (202) 357-5052
Encourages minority science education and research through conferences, workshops, publications, and grants to institutions and individuals, K-graduate school.

Quality Education for Minorities Network
1818 N Street, NW Suite #350
Washington, D.C. 20036 (202) 659-1818
National network to coordinate educational reform efforts, K-graduate school.

Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)
Sinsheimer Laboratories
University of California
Santa Cruz, CA 95064 (408) 459-4272
Serves students and professionals, K-graduate school. Holds annual meeting, offers outreach and workshops.

REFERENCES

Blacks in Undergraduate Science and Engineering Education
Susan T. Hill
National Science Foundation, 1992

Black Issues in Higher Education
Biweekly publication.
Frank Matthews, Publisher
Cox, Matthews & Associates, Inc., 1992

Equity and Excellence: Compatible Goals
American Association for the Advancement of Science, 1984

Higher Education for Science and Engineering: A Background Paper
Congress of the United States, Office of Technology Assessment, 1989

Investing in Human Potential: Science and Engineering at the Crossroads
Edited by Marsha Lakes Matyas & Shirley M. Malcom
American Association for the Advancement of Science, 1991

What Works: Building Natural Science Communities
A Plan for Strengthening Undergraduate Science and Mathematics
Project Kaleidoscope, I-II, 1991

Professional Women and Minorities: A Total Human Resource Data Compendium
Commission on Professionals in Science and Technology, 1992.

Sourcebook for Science, Mathematics, & Technology Education
American Association for the Advancement of Science, 1992

Women and Minorities in Science and Engineering: An Update
Patricia E. White, Ph.D.
National Science Foundation, 1992

