

GROUPS TO CONTACT

AAAS Black Church Project

Directorate for Education and Human Resources
1333 H. Street NW
Washington, DC 20005
Telephone: (202) 326-6670

Helps churches incorporate hands-on science, mathematics, technology and health activities into their non-religious educational programs. Since its inception, over 3,500 churches in the U.S. have been provided with technical assistance in program planning and implementation; training in hands-on-science, mathematics, and health-based activities; and activity manuals and materials. The Black Churches-Blacks in College (BC) program is designed to encourage African-American college students to pursue teaching careers by employing them in teaching internships serving the Black community.

AAAS Hispanic Outreach Initiative

Directorate for Education and Human Resources
1333 H Street NW
Washington, DC 20005
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Provides hands-on science and mathematics training for K-12 educators and Hispanic parents in Los Angeles, New York, Albuquerque, and Barceloneta, Puerto Rico. Key materials include a manual for educators, a role model booklet, and take-home kits for families.

Hispanics in Math and Science: Attracting Student Teachers and Retraining Experienced Teachers.

Rodriguez, Irene V.
http://www.penpages.psu.edu/penpages_reference/28507/285073225.HTML

A recent exhibit at the National Atomic Museum examined the contributions of Hispanic leaders in Science and Technology.
<http://atomicmuseum.com/tour/scientists.cfm>

Center for the Advancement of Hispanics in Science and Engineering Education
(CAHSEE)

Deadline: Apply early

Location: Washington, DC and various locations throughout the country

Program Dates: Summer

Eligible Majors: Civil Engineering; Computer Engineering; Electrical Engineering; Environmental Engineering; Mechanical Engineering; Math; Chemical

Engineering; Physics; Materials Engineering; Earth Systems Science; Biophysics; Aerospace Engineering; Biomedical; Chemistry; Developmental &

Cell Biology; Ecology, Evolutionary & Environmental Biology; Genetics;

Molecular Biology & Biochemistry; Neuroscience

Eligibility: Hispanic students in Math and Science

Two letters of recommendation

Benefits: Stipend, Transportation costs, Housing

Abstract: CAHSEE interns participate in leadership development seminars; meet

and discuss issues with national leaders, and participate in important events

in Washington, DC. A variety of programs are offered to meet the specific

interests of the student.

Program Website: <http://www.cahsee.org>

Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)

Dr. William Y. Velez, President

University of California

Santa Cruz, CA 95064

Telephone: (408) 459-4272

FAX: (408) 459-3156

E-Mail: sacnas@cats.ucsc.edu

WWW: <http://vflylab.calstatela.edu/sacnas/www/sacnas.htm>

Dues: \$20.00 Student per year, \$50.00 Regular member per year, \$500.00 Life

membership, \$1000.00 Friend of the Society

Founded in 1973, the organization's goal is to increase participation of Chicanos and Native Americans in science by encouraging the recognition of

scientists from these minority groups and by communicating to members and

others the opportunities in science.

Minority Women in Science (MWIS)

Gloria Gilbert

AAAS Directorate for Education & Human Resources Prgm.

1333 "H" Street NW

Washington, D.C. 20005

Telephone: (202) 326-6670

FAX: (202) 371-9849

E-Mail: gilbert@aaas.org

WWW: <http://www.aaas.org>

MWIS is a national network of chapters involved in projects to facilitate the entrance of minority women to science careers.

The American Indian Science & Engineering Society (AISES)
Norbert Hill
1630 30th Street
Boulder, CO 80301-1014
Telephone: (303) 939-0023
FAX: (303) 939-8150
E-Mail: aishesq@spot.colorado.edu
Dues: \$10.00 Students per year, \$40.00 Professionals per year
AISES encourages American Indian students to pursue college science and

engineering majors. On-campus chapters provide peer support, job placement assistance, and tutoring.

The Hispanic Mother-Daughter Project
Joann O'Donnell
Arizona State University
Tempe, AZ 85287-0512
Telephone: (602) 965-6547
FAX: (602) 965-9608
E-Mail: lstjao@asubm.inre.asu.edu
WWW: <http://aspin.asu.edu/provider/studentlife>
This project focuses on eighth-grade girls, building on the strong mother-daughter relationships intrinsic to Hispanic families. In some cases, mothers pursue college degrees along with their daughters. Eighty percent of the girls graduate from high school, seventy-eight percent graduated from college with a degree.

Operation S.M.A.R.T.
Girls Club of America, Inc.
30 East 33rd Street
New York, NY 10016
Telephone: (212) 689-3700
FAX: (212) 683-1253
This is a program aimed at introducing 13 to 15-year-old girls to the fields of mathematics, science and technology, and to increase their skills in these areas through hands-on participatory activities. Two publications from this program, Spinnerets and Know How: Operation SMART planning guide and The Power Project: Operation SMART activities Guide are also now available.

National Society of Black Engineers (NSBE)
Florida Morehead, Executive Director
1454 Duke Street
Alexandria, VA 22314
Telephone: (703) 549-2207
FAX: (703) 683-5312
E-Mail: nsbehq@nsbe.org
WWW: <http://www.nsbehq.nsbe.org>
Dues: \$10.00 per year
NSBE develops intensive programs for increasing the participation of black and other ethnic minorities in the fields of engineering and the engineering technologies. Tutorial programs, seminars, NSBENET electronic mail program, a journal, and newsletter are some their activities. Pre-college programs, scholarships, and career fairs are features, too.

Making Mathematics Work for Minorities: Framework for a National Action Plan

Mathematical Sciences Education Board

(1994) Washington, DC: National Academy Press. 20pp

In 1990, the Mathematical Sciences Education Board held a series of regional workshops followed by a national convocation, the result of which is this national action plan to improve the mathematics education of minorities at all academic levels. It is a reflection of the collective wisdom and deliberations of over 1,200 representatives of school, professional organizations, community and parent groups, business, government and the media.

Synergy

EHR/NSF

4201 Wilson Blvd.

Arlington, VA 22230

Telephone: (703) 306-1650

WWW: <http://www.ehr.nsf.gov/index.html>

A synopsis of the progress of the NSF's Urban Systemic Initiatives (USI), a

program targeting 25 US cities with the largest numbers of children living in

poverty. Cities were awarded funds to a plan for system wide reform in their

K-12 systems.

Women of Color in Mathematics, Science and Engineering: A Review of the Literature

Beatriz Chu Clewell and Bernice Anderson

(1991) Washington, D.C.: Center for Women Policy Studies. 113 pp.

Reviews studies from 1959 through 1990, including reviews of the literature

and descriptive and empirical studies, on factors that affect the participation of women and girls of color in mathematics, science and engineering fields. Concludes that studies on women in these fields overlook

women of color and that studies on students of color de-emphasize gender differences.

A Hand Up: Women Mentoring Women in Science

Deborah C. Fort (Ed)

(1993) Washington, DC: Association for Women in Science. 349 pp.

Contains advice and reflections from accomplished women scientist.

Dispels

myths about mentoring. Encourages female scientist to mentor young women seeking specialize guidance. Includes resource listing of associations, books,

and articles useful to all women who seek mentors or who wish to mentor.

Publication Department
Harvard-Smithsonian Center for Astrophysics
MS-28

60 Garden Street
Cambridge, MA 02138
Telephone: (617) 495-7461

This booklet is an effort to encourage young women to pursue science and science-related careers, particularly in astronomy and astrophysics. The profiles featured here are designed to give women an idea of the types of jobs found in a typical, nonprofit, scientific research institute. It also includes tips about how to prepare for a career in astronomy or astrophysics, with advice on course work, choosing colleges, and finding mentors.

Women in Science and Engineering Scholars Program (WISE)

Dr. Etta Falconer, Program Director
Spelman College
Box 1005
Atlanta, GA 30314
Telephone: (404) 223-7634
FAX: (404) 223-7662
E-Mail: efalcone@etta.auc.edu

The goal of the WISE Scholars Program is to increase the number of highly qualified minority women in scientific and engineering careers. The program features a summer institute for entering science and engineering freshmen, academic advising and support, seminars, visiting NASA scientist, summer research at NASA and academic research at Spelman. WISE Scholars receive full scholarships while attending Spelman College.

Breakthrough: The Changing Face of Science in America

WGBH Boston
125 Western Ave.
Boston, Massachusetts 02134
Telephone: (817) 492-2777

Breakthrough: The Changing Face of Science in America profiles 20 contemporary African American, Latino, and Native American scientists and engineers who are making advances in biology, astronomy, physics, mathematics, and many other scientific disciplines.

COMPILED BY

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