

Leadership Lessons In Science, Technology, Engineering and Mathematics Partnerships

Minority Organizations

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Successful Partnerships with Minority Professional Organizations

Minority Professional Organizations have long been committed to mentoring and nurturing the professional development of underrepresented students.

Consider Partnership with these Minority Professional Organizations

- National Association of Black Geologists and Geophysicists (NABGG)
- Advancing Hispanic/Chicano and Native Americans in Science (SACNAS)
- The Association of Computer and Information Science/Engineering Departments at Minority Institutions (ADMI)
- Society of Black Physicists
- National Association of Mathematicians (NAM)
- National Society of Black Engineers
- National Organization for the Professional Advancement of Black Chemists and Chemical Engineers



National Association of Black Geologists and Geophysicists (NABGG)



NABGG is a nonprofit organization established by black geoscientists in 1981. The organization, with members from all over the world, informs minority students of career opportunities that exist in Geoscience, provides a networking platform for minority geoscientists to establish professional relationships that benefit students, employees, employers, and their local communities.

Robert Johnson – President NABGG - johnson@paradigmgeo.com (713) 393-4800
Aisha Ragas, Vice President - aisha.ragas@anadarko.com

NABGG will diligently increase minority representation in the geosciences through partnerships with academia and by mentoring undergraduate as well as graduate students. NABGG is committed to the continuous training and development of aspiring and practicing geoscientists.

Geological Society of America Convention in Denver
<http://www.nabgg.com/> nabgg_us@hotmail.com
4212 San Felipe, Suite 420 Houston , TX 77027 USA
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National Association of Black Geologists and Geophysicists (NABGG)



Inform students of career opportunities that exist in the field of Geosciences

- Encourage them to take advantage of scholarship programs, grant, loans, etc., that are established for minority students.
- Give financial support to students pursuing degrees in Geology and Geophysics.
- Follow the educational careers of the scholarship recipients.
- Aid minority students in the search for summer employment and aid corporate members interested in obtaining summer employees for positions that will enhance the students' background and marketability.

Allow minority geologists and geophysicists to establish professional and inter-company relationships - Assist in the development of professional standards and practices of members within their Geoscience careers and entrepreneurial pursuits.



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NABGG Challenges



- Increase our outreach participation in schools and colleges throughout the United States
- Increase our technical programs and mentoring
- Promoting NABGG to other geoscientists and organizations
- Increasing Scholarship Funds
- Signing up new members
- Attracting individuals, universities, companies, and organizations interested in our outreach goals and our membership as a source for employees.



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- SACNAS is a society of scientists dedicated to fostering the success of Hispanic/Chicano and Native American scientists—from college students to professionals—to attain advanced degrees, careers, and positions of leadership.
- 2009 SACNAS National Conference—“Improving the Human Condition: Challenges for Interdisciplinary Science”—taking place in Dallas, Texas, from October 15–18, 2009.
- Tel: 831-459-0170 or (toll free) 877-SACNAS-1 SACNAS P.O. Box 8526 Santa Cruz, CA 95061-8526
- Executive Director: Judit Camacho Email: [juditcamacho @ sacnas.org](mailto:juditcamacho@sacnas.org)
- President of the Board of Directors: Jose (J.D.) Garcia, PhD
Email: info@sacnas.org



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The Association of Computer/Information Sciences and Engineering Departments at Minority Institutions

- ADMI

The Association of Computer/Information Sciences and Engineering Departments at Minority Institutions (ADMI) was founded in August 1989. It was established as a national organization dedicated to exploring and providing remedies to the educational issues in computer/information science and computer engineering that confront minority institutions of higher education.

- Annual Symposium

Each year, the Association of Computer and Information Science/Engineering Departments at Minority Institutions (ADMI) hosts a symposium devoted to computing issues relevant to minority students, education and institutions.

- Collaborations

An important facet of the symposium is the opportunity to explore collaborations between major research institutions, industry and minority institutions. Students present papers and explore graduate school options.



The Association of Computer/Information Sciences and Engineering Departments at Minority Institutions

Challenges

- Sponsorship for student and mentor travel to conferences
- Identifying speakers and resources for conferences and school visitations
- Co-hosting of annual conferences in conjunction with other national conferences
- Guidance to students for pipeline programs
- Scholarship support
- Increased visibility within the professional community



National Society of Black Physicists



The purpose and mission of the National Society of Black Physicists is to promote the professional well-being of African American physicists within the international scientific community and within society at large. The organization seeks to develop and support efforts to increase opportunities for African Americans in physics and to increase their numbers and visibility of their scientific work. It also seeks to develop activities and programs that highlight and enhance the benefits of the scientific contributions that African American physicists provide for the international community. The society seeks to raise the general knowledge and appreciation of physics in the African American community.

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<http://nsbp.org>



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National Society of Black Physicists



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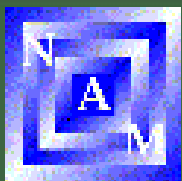
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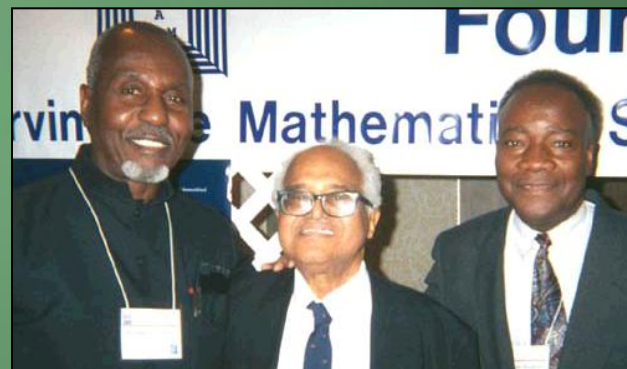
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National Association of Mathematicians

The National Association of Mathematicians (NAM), a non-profit professional organization, has always had as its main objectives, the promotion of excellence in the mathematical sciences and the promotion of the mathematical development of underrepresented American minorities. It also aims to address the issue of the serious under-representation of minorities in the workforce of mathematical scientists. The organization achieves its goals by focusing on five areas:

- Mathematics Education
- Professional/Career Development
- Scholarly Productivity
- Student Development
- Databases



Although the majority of members consist of members of under-represented groups of American minorities, a significant number of members represent a cross-section of the mathematical sciences community. Membership is open to all.

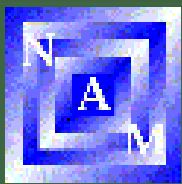
<http://www.nam-math.org/>



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National Association of Mathematicians

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NAM Undergraduate MATHFest November 12 -14, 2009
University of the District of Columbia, DC



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National Organization for the Professional Advancement of Black Chemists and Chemical Engineers

NOBCChE is committed to the discovery, transmittal, and application of knowledge in the fields of science and engineering. The mission of NOBCChE therefore is to build an eminent community of scientists and engineers by increasing the number of minorities in these fields. NOBCChE will achieve its mission through diverse programs designed to foster professional development and encourage students to pursue careers in science and technical fields.

To this end, NOBCChE establishes educational partnerships with school districts, municipalities, businesses, industries, other institutions and organizations in the public and private sectors.

NOBCChE National Office P.O. Box 77040 Washington, DC 20013
1-800-776-1419 Fax 202-667-1705 <http://www.nobcche.org>



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Summary

- Consider ways to partner with minority professional organizations. (i.e. joint meetings/events, speakers, etc)
- Consider ways to increase scholarships and fellowships funds
- Consider tier 1 and tier 2 summer research training programs based on the Team concept
- Consider Academic Year Research Training Programs

