

The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

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Nomination Time for Hispanic Physicists!

The deadlines are here to nominate for the APS' Bouchet Award and SACNAS' Distinguished Scientist and Mentor Awards.

The APS

EDWARD A. BOUCHET AWARD was established by a grant from the Research Corporation to promote the participation of minorities in physics. The program recognizes distinguished minority physicists with significant contributions in physics and publicizes the lecturer's work to the physics community, especially among minority physics students. Eli-

gible are any Black, Hispanic, or Native American with significant contributions to physics research.

The Lectureship consists of \$3,500 and travel support

to an APS meeting to receive the award and give a presentation. In addition, the lecturer will visit three academic institutions. The deadline is: **JULY 3, 2000**. Find more information at www.aps.org/praw/bouchet/

descrip.html.

The SACNAS Distinguished Scientist and Mentor Awards are presented each year at the SACNAS national conference to recognize those who have dedicated themselves to science, education and mentoring and have reached the top of their

field while serving as role models.

Nominees for the **Distinguished Scientist Award** should hold a

Ph.D. and be 45 years of age or older, conduct an active research project and participate in research and educa-

tional activities at the national level, and have a demonstrated record of encouraging minority students to pursue advanced science degrees.

Nominees for the **Undergraduate Institution Mentor Award** and the **Community College/Tribal College Mentor Award** should hold a Ph.D and a faculty position at a 4-year undergraduate institution or community or tribal college, participate in minority education activities at the local or national level and have a demonstrated record of encouraging minority students to pursue advanced science degrees. Nomination Guidelines: <http://www.sacnas.org/Distinguishedawards.html>

Deadline for BOUCHET AWARD is July 3 2000 !!!

Deadline for SACNAS Scientist and Mentor Awards is July 31, 2000 !!!

Super-Computer Opportunities to NSHP Members at SDSC

The San Diego Super computer Center (SDSC) (<http://www.sdsc.edu>), of the University of California, San Diego, is committed to diversifying the population of workers in science. SDSC is a prime participant in the Education, Outreach, and Training Partnership for Advanced Computational Infrastructure (EOTPACI) (www.eot.org). Through its educational outreach programs, SDSC offers several internship programs for students. The research center is a hub of scientific and computer research, providing opportunities to students, particu-

larly females and members of underrepresented groups. One of two national supercomputer centers available for academic research, SDSC created its outreach programs to introduce, encourage, and nurture an interest in the computer, mathematical, physical, biological, and biomedical sciences for students of all levels of education.

One such program, the Research Experiences for Undergraduates (REU), and the Partnerships for Advanced Computational Infrastructure (PACI) (www.npaci.edu), allows students to work on re-

search projects in all disciplines in computational science. Student are supervised by faculty at his/her home institution and/or a UCSD faculty member, and by SDSC staff. In addition to the REU program, SDSC provides internships and other opportunities through the California Alliance for Minority Participation (CAMP), the SDSC Diversity Graduate Fellowship Program, the Computer Research Association's Committee on the Status of Women, and others.

Additionally, SDSC's computational biology group has recently opened a postdoctoral position in support of the Protein Data Bank and

CALENDAR OF EVENTS

* **October 12-15**

NSHP session at the SACNAS Meeting Atlanta, Georgia.

* **October 27-29**

NSHP Annual Meeting Rice University, Houston Texas.

Bioinformatics. SDSC has current openings for distributed computing specialists, scientific programmers, network engineers, data specialists, Java and Perl programmers. For information about career opportunities at SDSC, please refer to our website www.sdsc.edu/Jobs.

News you can use...

Physics Position at Bryn Mawr College

A full-time non-tenure-track position is available starting 9/2000. The initial appointment is for one year but it may be extended for a second year. An excellent position for a physicist who wishes to gain teaching experience in a highly regarded program. The department has experimental and theoretical research programs in several areas and is active in discussions involving pedagogy. Please see www.brynmawr.edu for more detailed information.

Evaluation of dossiers begins 6/1/2000 but will accept

applications until the position is filled. Bryn Mawr College is an equal opportunity, affirmative action employer. The College particularly wishes to encourage applications from individuals interested in joining a multi-cultural and international academic community. Minority candidates and women are especially encouraged to apply.

NSF's to sponsor Summer Research Experience for Undergraduates

NSF is again sponsoring a flurry of programs for physics UG majors throughout the country. Most of these programs include experimen-

tal and theoretical activities.

Related programs in Materials, Chemistry, Biology, Computing, Engineering, Geology, and Math exists. A partial list of programs is at NSF's web site.

Curious about the status of Hispanics in your institution? Organize a site visit of APS' COM!

COM conducts visits to physics departments to assess the climate for minorities in the department, and to make recommendations to improve the climate for minority faculty and students. These visits often help departments with their strategic planning to make departments more diverse and better exposed to minority

physicists and physics students. In the past, COM visits have served to show departments how to end old practices and start new practices that would increase the likelihood that minority scientists will select and succeed at their workplaces. Further still, COM site visits have in some instances served to highlight and present solutions to problems that not only affect minorities in physics, but also the entire health of physics education and research at a particular institution. These visits are initiated by invitation from the physics department. Expenses for the visitors are covered by the APS. If you would like COM to visit your institution, please email minority@aps.org.

Looking for graduate students?

Look south!

For the past three years physics and math faculty from the University of Texas at El Paso has been visiting 10 Mexican universities recruiting graduate students. With students from Zacatecas, San Luis Potosi, Morelia, Mexico City and Cd. Juarez, UTEP's Physics

M.S. program has now a healthy population and is growing.

A little known fact for Mexican students is the existence of teaching and research assistants as a mean of support for graduate studies in the US. Used to governmental support as the only source of funding for graduate studies, most Mexican students feel discouraged to apply to US universities without a Mexican scholarship. Once that this is infor-

mation is known, it takes students a year or two to mature the idea (and pass the toefl) and start sending the applications. How good is the physics level of these students? It varies from student to student, but most match or exceed the level of the US graduates. Some, such as those from Puebla use such textbooks as Jackson, Goldstein and Arfken in the senior year. The English skills also varies, and it usually improves tremendously

in their first semester in the country.

If you are interested in attracting some Mexican students check some of the web pages listed, send your posters or visit them. For a comprehensive list of contacts throughout Mexico send the Editor a line. Who knows, it might get you a paid "vacation" to Mexico.

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NASA to combat shortage of science Hispanic students

NASA Awarded \$1 Million to the Hispanic Association of Colleges and Universities (HACU) to combat the shortage of minority students pursuing careers in science, engineering, technology, and

mathematics.

According to statistics, between 1988 and 1997, less than one-half of 1 percent of all Ph.D.s in technology and science were awarded to Mexican-Americans. The grant will expand educational opportunities through the NASA/HACU Project Access, which is designed to provide logic and problem-solving skills to minority

middle and high school students interested in pursuing a college degree in the engineering, science, information technology, and mathematics fields. NASA anticipates that the program will allow HACU to steer hundreds of Hispanic students toward college each year.

For more information, check www.hacu.net/news/news.htm