

The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

Year 8

February 2004

Gordon Research Conferences: Funding Available for Hispanics



The Gordon Research Conferences (GRC) announces the availability of limited funds to support the participation of eligible minority students and faculty at Gordon Research Conferences during 2004. This funding is available to first time attendees of a Gordon Conference. GRC Underrepresented Minority Program Awards of \$600 will be made available to support the attendance of eligible African American, Hispanic American and Native American graduate students, post docs and faculty attending a Gordon Conference for the first time in 2004. Eligible applicants are encouraged to apply early; Support is very limited and available on a first come-first serve basis. All prospective GRC attendees must submit an application to attend the particular Gordon Conference of interest. Those interested in support through this funding program may send an email directly to Ms. Gerri Miceli at GRC (gmiceli@grc.org) for further information and to request an application for funding. Eligibility will be determined by the submitted request for support and acceptance to the conference by the conference Chair. Approximately 170 Gordon Conferences will take place in 2004 at various locations throughout the year. Information on GRC and a listing of all 2004 Gordon Conferences can be found on our web site at www.grc.org

Gordon Research Conference on Theoretical Biology & Biomathematics

June 6-11, 2004

Tilton School

Tilton, NH

<http://www.grc.uri.edu/programs/2004/theobio.htm>

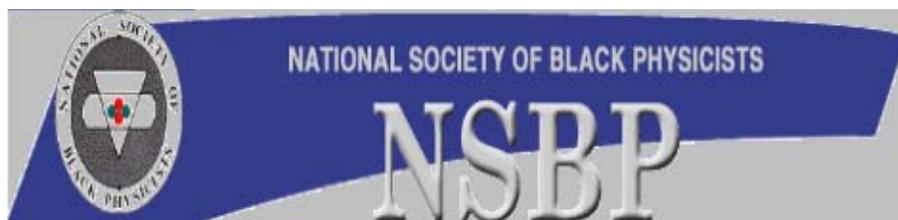
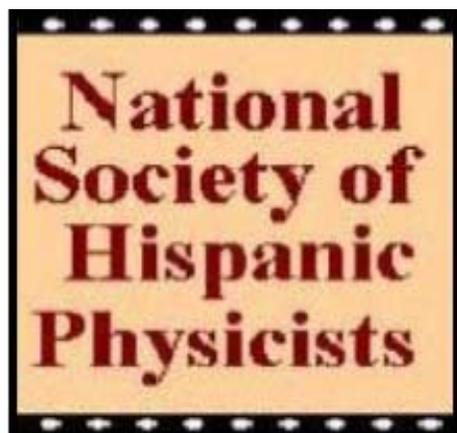
Gordon Research Conference on Nuclear Chemistry: Nuclear Reactions, Flavors across Energies

June 13 to 18, 2004

Colby-Sawyer College in
New London, New
Hampshire.

<http://www.grc.uri.edu/programs/2004/nuchem.htm>

Visit the Frontiers of Science . . . go to a Gordon Conference!



Joint Meeting National Society of Black Physicists – National Society of Hispanic Physicists Feb. 18 – 21, 2004 - Omni Shoreham Hotel, Washington DC

NSHP will hold a meeting jointly with NSBP in Washington DC on February 18 through February 21, 2004. NSHP members are organizing scientific sessions and sessions on public policy and education, as well as arranging for plenary speakers. Many sessions designed to help and support students are also being arranged. Please go to: <http://www.nsbp.org/> and click on conference information to see the preliminary schedule, find out information on the conference, and register. NSHP members pay the same rate as NSBP members. There is some travel support, especially for students. For more information contact Luz Martinez Miranda (martinez@eng.umd.edu).

The conference will have a student and education support program as well as a scientific program. Session topics include: Theoretical physics, Computational physics and numerical analysis, Biophysics, Health Physics, Medical Physics, Atmospheric physics, Geophysics, Nuclear physics, High Energy physics, Physics education, Condensed Matter and Materials Physics, Nanoscience, Lasers and Optics, Physics in Africa and the Caribbean, Astronomy and Astrophysics, and Physics and Public Policy. **See you there!**

Research Profile: Michael Ruiz

Mike Ruiz is an outstanding physics professor from the University of North Carolina Asheville, who has received the UNC Distinguished Teacher Award (1995), and the National Award for best Advisor of the Society of Physics Students (1999). In particular Dr. Ruiz jumped to fame when CNN featured his recent successes with e-books (see www.cnn.com/2002/TECH/science/08/30/coolsc.ebooks/index.html).

Dr. Ruiz has developed interactive e-books with plenty of features: e-text, homework, study guides, videos of science demonstrations, pronunciation guides for stars (click and hear), extensive gallery of photos, grade check, etc. Students can also do their lab work at any hour, with many logging in well past midnight. The e-texts have an immediacy that many books can lack. Science news, whether it's a major discovery or a new Hubble photo, can be incorporated in just a few minutes. Ruiz makes those changes because he's not just the author of his e-texts; he developed the course management system software that supports them. Rich multimedia e-texts with their incredible learning potential are the wave of the future. Ruiz is former chair of the Department of Physics (1980-2000), and is also a pianist/composer with three piano concertos premiered by the Winston-Salem Symphony.



Prof. Michael J. Ruiz

News you can use

Tenure track position in Physics Education at The University of Texas at El Paso



The University of Texas at El Paso, a Carnegie Research Intensive, urban university on the U.S.-Mexico border, invites applications for one tenure-track positions in Physics Education at the Assistant Professor rank. Candidates must hold a Ph.D. degree or equivalent. The successful applicant will teach physical science courses in a field-based teacher preparation program in collaboration with faculty of the College of Education; will conduct a funded research program in science student learning; and will participate in a new Master of Arts in Teaching physical science, housed in the College of Science. Please submit curriculum vita, a description of research interests, and three letters of reference to Search Committee Chair, Department of Physics, The University of Texas at El Paso, El Paso, Texas, 79968-0515. Application review begins 11/15/03 and will continue until the position is filled. UTEP does not discriminate on the basis of race, color, national origin, sex, religion, age, sexual orientation, or disability in employment or the provision of services.

Engineering World Health



Engineering World Health has openings for a summer program in which students spend one month in San Jose, Costa Rica, undergoing training and then one month in Nicaragua or Haiti putting their training to use repairing and calibrating medical equipment. Undergraduates can receive up to 9 hrs of credit through the U. Memphis. If you have an interest, look at www.ewh.org.



Lecturer Position at the Department of Physics and Astronomy of Arizona State University

Candidates are required to have an earned doctorate in physics or astrophysics or closely related discipline by time of appointment. The position is for a three year appointment beginning the Fall 2004 semester, and will carry a 9-12 hour teaching load per semester. The position is renewable, dependent on departmental need and performance. Applicants must submit a letter of application, resume, summary of relevant experience, a statement of teaching philosophy, materials which document outstanding teaching, and arrange for three letters of recommendation send on their behalf. Initial review of applications will begin in February 1, 2004, if not filled, every week thereafter until the search is closed. Send application materials to: Lecturer Search committee, c/o Linda Scowen, Department of Physics and Astronomy, Arizona State University, Tempe, AZ 85287 – 1504. Applications and reference letters are each preferred via email to Linda.Scowen@asu.edu. Information about the department is available at <http://phy.asu.edu/>.

"APS Scholarship for Minority Undergraduate Physics Majors."



The scholarship consists of \$2,000 for new students and \$3,000 for renewal students. The hosting department receives \$500. In addition, students will be paired with professional physicists who will serve as mentors. Any African American Hispanic American, or Native American high school senior college freshman or sophomore, who is a US citizen or permanent resident, and who is majoring or planning to major in physics, may apply. The deadline for completed applications is February 6, 2004. Applications and more information on this scholarship can be found at www.aps.org/educ/com/scholars/index.html

The Hispanic Physicist. Published whenever there is news and the editor has enough time. Send news, letters, congratulations, etc. to Jorge A. López, Physics Department, Univ. Texas at El Paso, 500 W. University Ave. , El Paso, TX 79968, (915) 747-7538, jorgelopez@utep.edu, <http://physics.utep.edu/nshp/nshp.html>.