

The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

Year 15

October 20, 2011

NSHP public business meeting at SACNAS

From NSHP will hold a Public Business Meeting (which will also serve as the annual Board Meeting) at the SACNAS National Conference on Saturday, October 28, 5:00-6:00 pm in the San Jose Convention Center, Room M. The NSHP Officers will report on this past year's activities and plans for the future. This is an opportunity to meet the officers and to provide your input and thoughts on the future of NSHP.

NSHP Nuclear Physics session at SACNAS

Friday Oct. 28, 8:30 – 10:00 Ballroom 1, San Jose Marriot. Examples of nuclear and particle physics at the cutting edge are presented. These include the search for supersymmetry at the LHC, neutrinos and their oscillations, new results using cold and ultra-cold neutrons, and understanding nuclei in the very neutron rich region.

Speakers: Jorge A. Lopez (UTEP), Ricardo Alarcon (Arizona S.U.), Alfredo Gurrola (TAMU), Dave Ernst (Vanderbilt U.).



News you can use



Summer course in biophysics for undergraduate minority students

The Biophysical Society offers a Summer Course in Biophysics for undergraduate minority students, sponsored by NIGMS and hosted by the University of North Carolina at Chapel Hill during May 15-August 4, 2012. The Course is an 11-week scholarship program that introduces students to the field of biophysics, including lectures, seminars, lab work, team-building activities and field trips. Students will receive three course credits toward an undergraduate degree. The Course is

designed to reflect a graduate-level research program. All tuition and fees during the Course are covered, and participants receive a stipend for living expenses throughout the summer. Applications for the 2012 Summer Course are due on February 1, 2012. More information can be found in this link:

www.biophysics.org/ProfessionalDevelopment/Education/SummerCourseinBiophysics/tabid/898/Default.aspx

Assistant Professor – University of Texas at El Paso

Tenure track faculty position in theoretical condensed matter with focus on electronic structure of nanomaterials. Candidates with expertise in the use of Density Functional Theory for the development of algorithms for simulation of large systems and who can foster interdisciplinary collaborations between physics and chemistry are highly desirable. Applicants with a proven record of successful external funding and outstanding research accomplishments will be given strong consideration. The anticipated appointment date is for fall 2012. Complete information:

<http://admin.utep.edu/DesktopModules/DNN%20Faculty%20Job%20Board/MoreInfoJob.aspx?Mid=32087&ItemID=751>.



University of Nevada, Reno

University of Nevada, Reno
Experimental high-energy-density
laboratory plasmas. Information:
www.unrsearch.com/postings/9735.

Deadline: December 31th, 2011

Berkeley
UNIVERSITY OF CALIFORNIA

University of California, Berkeley
FACULTY POSITIONS IN PHYSICS
<http://www.physics.berkeley.edu>
click on "Faculty Job Listing"

December 5, 2011

UF
UNIVERSITY OF FLORIDA

UNIVERSITY OF FLORIDA
EXPERIMENTAL CONDENSED
MATTER PHYSICS
Apply online: <https://jobs.ufl.edu>
by December 31, 2011

Key Programme Manager/ Research Group Leader: Hydrogen Infrastructure

The Council for Scientific and Industrial Research is a leading scientific and technology research organisation, implementing projects throughout Africa. An exciting opportunity exists for an expert in the field of hydrogen production, storage and distribution to provide scientific leadership to the Centre of Competence and to grow the group in line with the DST's and CSIR's vision for this Frontier Science and Technology Initiative. A primary focus of the research will be physical and chemical hydrogen storage and distribution. The position will be based in **Pretoria** at the CSIR's main campus. More information: : www.csir.co.za/apply.php. **Closing date: 23/12/ 2011**



A New Joint UConn-TUNL Position: “HIyS Scientist”

The Laboratory of Nuclear Science (LNS) at Avery Point, <http://astro.uconn.edu>, in collaboration with the Triangle Universities Nuclear Laboratory (TUNL) at Duke, <http://www.tunl.duke.edu/higs/> announce the creation of the position "HIgS Scientist" to begin during 2012 as a two year appointment with possible extensions and designed to provide a highly motivated new PhD with the opportunity to utilize the HIgS facility in research in nuclear physics and nuclear astrophysics. Suitable candidates should have a Ph.D. with expertise in experimental nuclear physics and knowledge of low energy nuclear physics. This position is renewable for a second and possibly a third year with a starting salary of up to \$60,000 per annum. Applications including CV, list of publications and names of at least three references should be sent by email to Professor Moshe Gai <moshe.gai@yale.edu>. Screening of applications will begin immediately.

Assistant professor of physics and Assistant professor of Astronomy and Physics

To apply, please send a letter of interest explaining how the candidate meets the requirements for this position, current curriculum vita, copies of graduate transcripts, statement of teaching philosophy, and three letters of recommendation to: Director of Equal Opportunity and Faculty Recruitment, Nuclear Physics Faculty Search, **Search #8088** or Physics/Astronomy Faculty Search, **Search #8302**, Christopher Newport University, 1 University Place Newport News, VA 23606-2998 Review of applications will begin on **November 11, 2011**. More information: <http://www.cnu.edu>.



CIAN Travel grants



The Center for Integrated Access Networks is an NSF Engineering Research Center that includes the University of Arizona in partnership with the California Institute of Technology, Columbia University, Norfolk State University, Tuskegee University, University of California @ Berkeley, University of California @ Los Angeles, Univ. of California @San Diego and the University of Southern California. All of the partnership schools have active graduate programs and offer degrees in optics and optical engineering. A limited number of travel grants are available to prospective graduate students interested in meeting directly with research mentors at the partner schools. Please apply early and before February 15 each year. Underrepresented minority students are strongly encouraged to apply. There is also a six-week RET program for K-14 teachers in partnership with the American Indian Language Development Institute at UA. Contact: arlene.maclin@morgan.edu.

The Physics Teacher Education Coalition requests proposals to develop model physics teacher education programs.

Proposals are solicited for two levels of support, \$100k per year or \$25k per year, for up to three years. Minority-serving institutions are strongly encouraged to apply. An initial proposal is due October 26. More information and the program solicitation are available at www.phystec.org/solicitation.php



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) 747-7528, jorgelopez@utep.edu, <http://hispanicphysicists.org>.