

The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists



PBS Nova has appealed to the NSHP community to help host, organize and/or participate in their Cosmic Cafe series. Please read their request and consider how you might participate in or initiate a Cosmic Cafe.

NOVA, the PBS science series, and SPS have partnered to bring you a unique community engagement opportunity surrounding The Fabric of the Cosmos with Brian Greene, a four-part physics-themed series (pbs.org/nova/fabric). Science cafés are live—and lively—events that take place in casual settings such as coffeehouses or restaurants, are open to everyone, and feature an engaging conversation with a scientist about a compelling and current scientific topic. To help you in the planning and implementation of your Cosmic Café, NOVA has developed a Cosmic Café Outreach Toolkit, available at www.sciencecafes.org/cosmic_cafes, that contains the planning and promotional support you need to make your NSHP Chapter's event a success. Why do a Cosmic Café?

1. **Speakers:** You will have access to a list of NOVA and American Institute of Physics-recruited speakers. After you register, you will gain access to a speaker map that will help you identify a scientist in your area who wishes to be a part of a Cosmic Café.
2. **Special Cosmic Café Kits:** Café organizers will receive a kit that includes a NOVA gym bag, hats, "Fabric of the Cosmos" poster and book, as well as specialized Cosmic Cafes coasters that include 20 trivia questions as well as QR codes that lead you to the landing page for the program on NOVA's website.
3. **Promotion:** Your Cosmic Cafés will be placed on a special Cosmic Cafe map that will be targeted for promotion through NOVA social media channels- facebook.com/NOVAonline
4. **Get involved with your community:** Invite people of all ages from your community in engage in something unique. If you should have any questions, please contact Graham Veth at getinvolved@wgbh.org or 617-300-4316



Participate in APS's Speakers Program

Do you want an easy, no-cost way to advance your career? Sign up for the APS Women and Minority Physicist Speakers Lists and announce your availability to give colloquia or general talks in academic departments and other organizations. It's free to enroll and you can list several talks on various topics for different audiences. For more information and to sign up, visit:

www.aps.org/programs/speakers/enroll/cfm.

Director, Linear Collider Starting in 2013, the world's two large linear collider efforts (ILC and CLIC) will be brought under a unified leadership, and the International Committee for Future Accelerators (ICFA) will appoint a director to be the overall leader for the linear collider program. If you are interested in being considered for the position of linear collider director, or would like to nominate a colleague, please contact one of the committee members. More information on this and other topics can be found with the DPF newsletter: <http://dpfnewsletter.org/>



Yale University two postdoctoral openings

At the Center for Research on Interface Structure and Phenomena (CRISP) at Yale involving first principles theoretical modeling of complex oxide surfaces and interfaces, and experimental fabrication and characterization of multifunctional complex oxides. The theory group focuses on performing first principles theoretical studies of the structural, mechanical, chemical, and electronic properties of complex oxide interfaces and surfaces by both applying state-of-the-art methods and developing novel approaches for dealing with electronic correlations. The candidate should have a Ph.D. in physics, chemistry, materials physics or a related field and have significant prior experience with first principles calculations. Applications containing a C.V., a cover letter describing research interests and goals, a list of publications, and names and contact information for three letter of recommendation writers (to be sent upon request) should be sent

to ayse.kose@yale.edu. Applications will be processed beginning February 13, 2012. Kindly have all electronic mail begin its subject with "CRISP POSTDOC" followed by the applicant's surname.

University of California, Los Angeles - Faculty Position in Experimental Condensed Matter Physics and Nanoscience

The Department of Physics & Astronomy and the California NanoSystems Institute (CNSI) at the University of California, Los Angeles invite applications for a joint tenure-track faculty position in experimental hard condensed matter physics, with an anticipated starting date of July 1, 2012. Outstanding candidates are sought with the potential for exceptional interdisciplinary research in quantum materials, and excellence in teaching at all levels. Candidates for joint positions at CNSI must demonstrate how they will advance the Institute's missions of retaining global leadership in nanoscience & nanotechnology. Applicants should submit a curriculum vita including a list of publications and the names of three references, along with a statement of research interests to: Email: CME@physics.ucla.edu. For optimal consideration, applications should be received by March 1, 2012. **Please refer to Tracking # 1000-1112-03 on all correspondence.**

Stonybrook University - Tenure Track in Science Education - Assistant Professor/Associate Professor/Professor

Center for Science and Mathematics Education, Stony Brook West Campus/HSC. **Qualifications:** Doctorate in Science Education with a strong background in an area of Science, or Doctorate in a Science or Engineering discipline with a strong background in Education. **Review of applications will begin May 1, 2012 and will continue until the position is filled.** For more information see:

<http://naples.cc.sunysb.edu/Admin/CampusJob.nsf/987ddc6b836068648525659c0072eafa/283f12432bfb923f852579880068fecb?OpenDocument>

University of Wisconsin - River Falls Assistant Professor in Physics

The nationally recognized UWRF Physics Department (<http://www.uwrf.edu/PHYS/>) seeks to fill a tenure track position at the Assistant Professor level for Fall 2012. The primary responsibility is effective teaching of physics lecture and laboratory courses, including upper division courses. The successful candidate will also assume a leadership role conducting research with undergraduates in an on-going area of astrophysics research associated with the IceCube Neutrino Observatory and other projects supported by the Wisconsin IceCube Particle Astrophysics Center at UW-Madison. A PhD in Physics, Astronomy, Applied Physics or a closely related field is required. For further position and application information, see <http://www.uwrf.edu/HumanResources/UnclassifiedEmployment.cfm>.

Columbia University - Theoretical High Energy Physics - Faculty Position

Senior appointment in theoretical high energy physics (broadly interpreted). We encourage applications from candidates with an outstanding record of research who can take a leadership role in a premier program, continuing a long Columbia record of forefront accomplishments in theoretical physics. Candidates are expected to have a doctoral degree in physics or a related field, and to have a demonstrated record of major contributions to the field, along with excellence in teaching and mentoring at both the undergraduate and graduate levels. Candidates should submit with their application a cover letter, Curriculum Vitae (including publication list), and brief statements of their research plans and of teaching philosophy. Please visit our online application site at <https://academicjobs.columbia.edu/applicants/Central?quickFind=55743>.

NASA - Postdoctoral Fellowships

Details: Annual stipends start at \$50,000, Annual travel budget of \$8,000, Relocation allowance, Financial supplement for health insurance purchased through the program, Appointments renewable for up to three years, Approximately 90 Fellowships awarded annually, Apply at <http://nasa.orau.org/postdoc>. **Deadlines:** Three each year - March 1, July 1, and November 1. **Eligibility:** U. S. citizens, Lawful Permanent Residents, and foreign nationals who are eligible for J-1 status as a Research Scholar, Recent and senior-level Ph.D. recipients. To obtain more information and to apply for this exciting opportunity, please visit the NPP Web site at <http://nasa.orau.org/postdoc>. Questions: nasapostdoc@orau.org

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>.