

# The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

Year 16

February 2, 2012



## NSBP and ScholarFind expand admission options for Minorities

The [National Society of Black Physicists](#) (NSBP) and the IT company [ScholarFind](#) have developed web services whereby students as well as graduate and internship programs can extend their options for admissions and recruiting.

**These services are available to all physics and astronomy students.**

Students can upload all elements of a [graduate school](#) or [internship](#) application including academic history, transcripts, GRE scores, work/internship history and a personal statement. Blind letters of recommendation can also be uploaded by the writers themselves. Your graduate and REU programs can subscribe to these respective databases. and you can contact students with invitations or offers of admissions and financial aid. These services lower one of the barriers to applying to graduate school and internship programs by providing an opportunity for students to put their credentials in front of multiple programs at multiple institutions with a single "application". For more information visit the graduate school service website at <http://www.gradapps.nsbp.org> or the internship site <http://www.reuapps.nsbp.org>.

## News you can use

### Experimental High Energy Nuclear Physics Tenure-Track Assistant Professor New Mexico State University and RIKEN-BNL Research Center

The Department of Physics at New Mexico State University, in a partnership with the RIKEN-BNL Research Center at Brookhaven National Laboratory, seeks applicants for a Tenure-Track position at the level of Assistant Professor in Experimental High Energy Nuclear Physics (position number 2011005220). The successful candidate will also become a RHIC Physics Fellow of the RIKEN BNL Research Center (RBRC) at Brookhaven National Laboratory for five years. During this period, the Assistant Professor/Fellow will spend about half his/her time at NMSU and the remaining time at the RBRC in BNL. Application materials, including letters of reference, should be received by February 28, 2012. Candidates must send a CV, a list of publications, a brief summary of research and teaching experience, and must arrange for three letters of reference to be sent separately to: Prof. Stephen Pate, Search Committee Chair Department of Physics New Mexico State University Las Cruces NM 88003 ([pate@nmsu.edu](mailto:pate@nmsu.edu)).

### FermiLab Summer Internships

Each year, Fermilab, one of the world's leading physics laboratories, offers summer internships to a small number of highly qualified students. These internships are directed by our most motivated scientific and engineering staff, and each year the results have been outstanding. The Fermilab SIST program is in its 41st year, the oldest internship program of its type in the US laboratory system. We have a detailed website where students can find the information on their own. Please encourage your students to check our website to learn more about the program <http://sist.fnal.gov>. The application is has been streamlined and simplified: any student can download a copy of the PDF application from the SIST website. The application along with two letters of recommendation and an official transcript are sent to SIST. The application is available on our website now and the deadline is February 18th.

### RESEARCH ASSOCIATE in Accelerator Physics, Cornell University Accelerator Lab

The Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE) has an opening for an accelerator physicist (Research Associate) to participate in the CESR Test Accelerator (CesrTA) project. The successful candidate will participate in development of instrumentation for the CESR test accelerator, collection of data, analysis of data, and simulation and modeling of the physics. A PhD in physics or engineering is required and experience with charged particle beam physics is desirable. Initial appointment is for two years with possibility for extension. Applications should be submitted at <http://academicjobsonline.org/> (posting number 1390) and should include a cover letter, a CV, a list of publications, a statement of research interests, and 3 letters of recommendation. All materials must be received by March 1, 2012. For information about the position, contact Prof. David Rubin at [dlr10@cornell.edu](mailto:dlr10@cornell.edu).

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### **Submit your input to develop a vision for NSF's instrumentation and facilities portfolio**

The NSF Division of Materials Research (DMR) invites input from members of the scientific community to the development of a vision for its instrumentation and facilities portfolio. The input window for email to [materials2022@nsf.gov](mailto:materials2022@nsf.gov) will be open from January 17, 2012 through March 5, 2012. Additionally, all are invited to participate in a webinar Wednesday February 8 at 3:30 – 5:00 pm Eastern Time; please see the DMR Dear Colleague Letter for the registration details.

[http://www.nsf.gov/attachments/122291/public/materials\\_2022\\_jan\\_17\\_2012.pdf](http://www.nsf.gov/attachments/122291/public/materials_2022_jan_17_2012.pdf)

The Mathematical and Physical Sciences Advisory Committee has established NSF Materials 2022, a subcommittee consisting of 15 external members of the community, to help develop a vision for the facilities and instrumentation needs of the materials community in the coming decade. The subcommittee has begun to meet and seeks your input. The co-chairs are Roger Falcone of the University of California Berkeley and Matt Tirrell of the University of Chicago. A website with background information is at [http://www.nsf.gov/events/event\\_summ.jsp?cntn\\_id=122291&org=DMR](http://www.nsf.gov/events/event_summ.jsp?cntn_id=122291&org=DMR)

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### **Laboratory Director, SLAC National Accelerator Laboratory**

Stanford University invites nominations and applications for the position of Director of SLAC National Accelerator Laboratory. Candidates should be recognized scientific leaders with vision, commitment to excellence in research, proven management skills and the interpersonal skills to work effectively with all SLAC constituencies. Please submit applications by February 29, 2012 to [Director\\_search@slac.stanford.edu](mailto:Director_search@slac.stanford.edu) in PDF format **or** hardcopy to US Postal address: SLAC Director Search, c/o Angel M. Smith, SLAC National Accelerator Laboratory, 2575 Sand Hill Road, MS75, Menlo Park, CA 94025

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### **International Conference of Physics Students**

The International Conference of Physics Students is an annual conference of the International Association of Physics Students. Usually, up to 400 students from all over the world attend the event. The 2012 ICPS will be held in the Netherlands in Aug. 4-10. During this week, approximately 400 students from around the world can enjoy lectures from top-class physicists, trips to scientific institutions and cultural excursions. Registration opens in February at [www.icps2012.com](http://www.icps2012.com).

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### **Physics and Astronomy Department Head Position**

The Department of Physics and Astronomy at A&M Commerce University in Commerce, Texas, invites applications for a Department Head. A PhD in Physics or Astronomy is required. The Department Head is a twelve-month full-time tenured faculty member with various responsibilities including; teaching physics or astronomy courses at both undergraduate and/or MS graduate level, initiating and sustaining externally funded research involving students, and University service at all levels. For more information go to <https://tamujobs.tamu.edu/applicants/Central?quickFind=199153>. Visit our website at <http://web.tamu-commerce.edu/> for further information about the University and phone or e-mail inquiries can be directed to Dr. Grady Blount, Dean of the College of Science, Engineering and Agriculture at 903-886-5781, or [grady\\_blownt@tamu-commerce.edu](mailto:grady_blownt@tamu-commerce.edu). **A&M Commerce is an equal opportunity/affirmative action university encouraging diversity.**

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### **Tenure-Track Assistant Professor, A&M Commerce University in Commerce, Texas,**

The Department of Physics and Astronomy at TAMU- Commerce invites applications for a tenure-track assistant professor position. A PhD in Physics, Astronomy or a closely related field is required. The primary responsibility is to direct K-12 teacher preparation courses in the physical sciences. The successful applicant should have exceptional teaching skills, and a strong interest in teacher preparation. For information: <https://tamujobs.tamu.edu/applicants/Central?quickFind=199150>. Visit our website at <http://web.tamu-commerce.edu/> for further information about the University and phone or e-mail inquiries can be directed to Dr. Kent Montgomery, Interim Department Head of Physics and Astronomy at (903) 886-5487, or [kent\\_montgomery@tamu-commerce.edu](mailto:kent_montgomery@tamu-commerce.edu).

**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](mailto:jorgelopez@utep.edu), <http://hispanicphysicists.org>.