

# The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

Year 15

November 10, 2011

## Texas loses 7 physics programs

### A consortium degree is to be created

The Texas Higher Education Coordinating Board (THECB) ruled on closing seven physics programs due to low enrollment (less than 25 graduations in five years). The affected Universities are Midwestern State, Prairie View A&M, Texas Southern, West Texas A&M, Texas A&M – Kingsville, Tarleton State and, at the MS level, Stephen F. Austin. The THECB is studying the possibility of offering a consortium degree in which all the closed programs could participate. Other five departments remain on probation for two years. As Heather Galloway, Secretary of the Texas Section of APS, says “The time to recruit physics majors and pay attention to your retention is now.”



## News you can use

### Grants for Informing the Public

Members Encouraged to Develop New Outreach Activities  
Grant Proposal Deadline: January 6, 2012

APS is awarding several grants up to \$10,000 to help APS members develop new physics outreach activities. Programs can be for traditional K-12 audiences or projects for engaging the public. Innovative ideas and new approaches are particularly encouraged. More information: <http://www.aps.org/programs/outreach/>.



## University of Chicago - Research Scientist in Computational Physics



The Center for Computational Science in the Dept. of Astronomy & Astrophysics at the University of Chicago invites applications for a Research Scientist position in Computational Physics with emphasis on development of algorithms for High Energy Density Physics (HEDP). Candidates must have a PhD in a related field (Physics, Engineering, Applied Mathematics, Computational Science) and substantial experience in programming and numerical methods. Experience in HEDP is highly desirable. Applicants must apply online at The University of Chicago academic jobs website at <http://tinyurl.com/4yxmf9s> and upload a cover letter, curriculum vita, including a list of publications, and a description of research interests. In addition, applicants are required to arrange for three letters of reference to be sent to the address below. Electronic submissions are preferred. Please refer to Research Scientist position in Computational Physics. Screening of applicants will begin November 21, 2011 and will continue until the position is filled.

## UNIVERSITY OF MASSACHUSETTS AMHERST

### Faculty Position in Condensed-Matter Experiment

The Physics Department of the University of Massachusetts Amherst invites applications for a tenure-track faculty position to start September 1, 2012, in the area of **Condensed-Matter Experiment**. The URL for this position is <https://academicjobsonline.org/ajo/jobs/1059>.

### Faculty Position in Particle, Nuclear, or Gravitational Theory

The Physics Department of the University of Massachusetts Amherst invites applications for a tenure-track faculty position to start September 1, 2012. Applications are sought in **phenomenologically oriented areas of Particle/Nuclear/Gravitational Theory**. The URL for this position is <https://academicjobsonline.org/ajo/jobs/1050>.



## Minority Postdoc

[www.minoritypostdoc.org](http://www.minoritypostdoc.org)

This is the premier web portal on the minority postdoctoral experience. We feature resources & events about career advice, professional development, jobs, funding, fellowships, mentoring, and diversity issues. In particular, we publicize the activities of diversity-related postdoc groups. As a “virtual career center” we help Ph.D. graduate students transition to the postdoctoral stage and both grads/postdocs transition to their first professional position in academia, industry, and other careers. We are also a community of minority talent for recruiting and peer-to-peer mentoring.

## Department of Energy Carlsbad Field Office Fellowship Programs

Postdoctoral Appointment in Science or Engineering -

Application closes November 30, 2011

Visit CBFO Fellowship Programs <<http://see.ornl.gov/ProgramDescription.aspx?Program=10417>> to apply! The Fellowship Program provides the opportunity to conduct mission oriented research in DOE's CBFO in Carlsbad, New Mexico to study the engineered barrier system in use in the Waste Isolation Pilot Plant (WIPP) repository. For more information on WIPP, visit DOE-WIPP [www.wipp.energy.gov/](http://www.wipp.energy.gov/).



## APS Minority Scholarship

The American Physical Society is once again pleased to announce the APS Scholarships for Minority Undergraduate Physics Majors. African American, Hispanic American, and Native American students who are college freshmen or sophomore physics majors, and who are US citizens or permanent residents are invited to apply. The online application opens on November 1, 2011 and the deadline is February 3, 2012. Awards are \$2000 and \$3000 per academic year.

More information can be found at <http://www.aps.org/programs/minorities/honors/scholarship/index.cfm>.



## Physics at the Intensity Frontier

Nov. 30-Dec. 2 - Rockville, MD

The DOE Office of High Energy Physics has called for a workshop on physics to identify opportunities for probing physics beyond the Standard Model (BSM) with studies that would complement BSM searches at the Large Hadron Collider and information obtained from astrophysics and cosmology. Additional information can be obtained from the working group website: [www.physics.wisc.edu/groups/particle-theory/IFW11.htm](http://www.physics.wisc.edu/groups/particle-theory/IFW11.htm)

**FUNDAMENTAL PHYSICS AT THE INTENSITY FRONTIER**  
November 30 - December 2, 2011  
Rockville, MD

## San Antonio, Texas May 27-June 1, 2012

**Scientific Program:** Heavy and Superheavy Elements, QCD and Hadron Physics, Relativistic Heavy-Ion Collisions, Nuclear Structure, Nuclear Energy and Applications of Nuclear, Science and Technologies, Fusion and Fission, Equation of State of Neutron-Rich Nuclear Matter, Clusters in Nuclei, and Nuclear Reactions, Reactions and Structure-Unstable Nuclei, Nuclear Astrophysics, New Facilities and Detectors. More information: <http://nn2012.tamu.edu/nn2012/>.



**11TH INTERNATIONAL CONFERENCE ON NUCLEUS-NUCLEUS COLLISIONS**

## Faculty Position in Experimental Neutrino Physics

The Department of Physics has a tenure-track opening in experimental particle physics with an emphasis on the study of neutrinos, to start in Fall 2012. Further information can be found at <http://www.phys.vt.edu>.



**VirginiaTech**  
*Invent the Future*

## Winter Graduate School on AMO Physics - January 8-20, 2012

The University of Arizona-Biosphere 2, Tucson, Arizona  
The themes will be ultracold and ultrafast AMO physics. Students must have a quantum mechanics background. The AMO Winter Graduate School will be held at the B2 Institute in Arizona. <http://www.b2science.org>

**Please note that the REGISTRATION Deadline is December 2, 2011.**

More information: <http://www.cfa.harvard.edu/itamp/winterschool.html>



**B2 Institute**

**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>.