

# The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

Year 15

September 20, 2011



**GLOBAL COMPETITIVENESS THROUGH DIVERSITY**

**2011 Joint Annual Conference**

of the **National Society of Black Physicists** and the **National Society of Hispanic Physicists**

Wednesday, Sept. 21 - Saturday, Sept. 24, 2011 • Renaissance Hotel • Austin, TX

**Registration Deadline: Tuesday, September 5, 2011** **Hotel Reservation Deadline: Tuesday, September 5, 2011**

<http://www.cvent.com/events/global-competitiveness-through-diversity/event-summary-e4192eb8beab4d8f8937f52664cbda45.aspx>

**Still not too late.** If you can make it to Austin, there is registration at the door with no financial penalty. This is an opportunity for excellent science, great networking, fantastic mentoring, and a little partying. See you there!

Keynote speakers:

- Neledi Pandor, Minister of Science, South Africa, "Building Global Partnerships to Enhance Africa's Research"
- Prof. Steven Weinberg, University of Texas, Austin; Nobel Laureate, 1979, "Field Theory and Cosmology"
- Prof. Patricia Reiff, Space Institute, Rice University, "Here Comes the Sun – Space Weather and its Effects"
- Dr. Piers Sellers, Astronaut and Deputy Director, NASA Goddard Space Flight Center, "Getting into Orbit"
- Dr. Aziza Baccouche, AZIZA Films Inc., "Seeking Vision"

## TSAPS/AAPT/SPS Meeting Oct. 6-8, Texas A&M University-Commerce



Abstract submission ends September 19

Registration and abstract submission at:

The meeting will host 6 workshops of the Texas Section of the American Association of Physics Teachers. It will also host meetings organized by the Zone 13 of the Society of Physics Students, and several parallel sessions organized by the Texas Section of the American Physical Society.

We encourage physics students and physics teachers to participate. It is a great opportunity to contribute to science and science education in our state.

## PASI 2012 – Exploring the Terascale and beyond



University of Buenos Aires, Argentina, March 5-16, 2012

Lectures:

- Boris Kayser (Fermilab) neutrino physics
- Renata Zukanovich Funchal (U. of Sao Paulo) neutrino phenomenology
- Lisa Everett (U. Wisconsin) high scale neutrino physics
- Daniel Chung (U. Wisconsin) theoretical cosmology
- Graciela Gelmini, (UCLA) cosmology/astroparticle physics
- Sekhar Chivukula (Mich. S.U.) electroweak symmetry breaking (SM and beyond)
- Marcela Carena (Fermilab/U. of Chicago) SUSY, including LHC/ILC physics
- Gustavo Burdman (U. of Sao Paulo) Extra Dimensions
- And more . . .

More information: <http://www.hep.wisc.edu/~sheaff/PASI2012/>

## McKnight Doctoral Fellowships

The McKnight Doctoral Fellowship Program is designed to address the under-representation of African American and Hispanic faculty at colleges and universities in Florida by increasing the pool of candidates qualified with Ph.D. degrees to teach at the college and university levels.

### THE AWARD:

Up to 50 Fellowships are awarded annually to students for study at participating Florida universities. Each award provides annual tuition up to \$5,000 for each of five academic years, plus an annual stipend of \$12,000. Each annual renewal is contingent upon satisfactory performance and normal progress toward the Ph.D. degree.

### WHO MAY APPLY:

Applicants must be African American or Hispanic U.S. citizens who hold a minimum of a bachelor's degree from a regionally accredited college or university. Since this program is intended to increase African American and Hispanic enrollment in Ph.D. programs, currently enrolled doctoral students are not eligible to apply.

### GENERAL ELIGIBILITY:

The Fellowship will be awarded only to persons who intend to seek the Ph.D. degree, full-time, in one of the following eligible fields of study: any field in the Arts and Sciences, Business, Engineering, Health Sciences, Nursing, or the Visual and Performing Arts. Fellowship funding is contingent upon Legislative approval.

### APPLICATION DEADLINE:

Application materials must be submitted/postmarked no later than January 15.

**F.E.F.** Apply securely online at [www.fefonline.org/mdfapply](http://www.fefonline.org/mdfapply)

FOR MORE INFORMATION: contact the Florida Education Fund  
201 East Kennedy Boulevard, Suite 1525, Tampa, Florida 33602 | 813-272-2772 | [www.fefonline.org](http://www.fefonline.org)

**JSA MINORITY UNDERGRADUATE RESEARCH ASSISTANTSHIP**

**EXPLORERS**  
*wanted*

Jefferson Lab is seeking candidates for a research assistantship from a SURA University to provide an opportunity for a minority undergraduate student to work on projects that are part of the Lab's research program or directly related to the scientific or engineering aspects of the research program. JSA will provide funds to support the student at the university during the 2011 - 2012 academic year. This assistantship is funded by the JSA Initiatives Fund Program.

Contact: Yvonne Cutler, [yhscott@jlab.org](mailto:yhscott@jlab.org). Ph.: 757-269-7128



### Research Associate Physics Education Research Kansas State University

The Physics Education Research Group at Kansas State University is seeking a postdoctoral research associate to perform qualitative research into upper physics student conceptual understanding and identity development. Candidates must have earned a Ph.D. (or equivalent) in Physics, Science Education, or a related field by the date of appointment. Candidates who have completed a dissertation in qualitative or quantitative physics or science education research will be given preference. Candidates should submit a letter of application, vita including a list of publications, and statements describing the candidate's relevant background, interests in physics or science education research, long-term goals to [Kim Coy, kim@phys.ksu.edu](mailto:kim@phys.ksu.edu). Candidates should also arrange for three letters of reference to be sent to the above address. For additional information, contact Dr. Eleanor Sayre at [esay@ksu.edu](mailto:esay@ksu.edu) will begin October 15, 2011 and continue until position is filled.

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