

# The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

Year 15

October 6, 2011



## Avalanche of awards for Dave Ernst

David Ernst, our Past-President, has won the Francis G. Slack Award from the Southeast Section of the American Physical Society (SESAPS). The award is given for "Excellence in Service to Physics in the Southeast." The citation for the award sites "work toward diversifying physics through his many accomplishments with the National Society of Hispanic Physicists (NSHP) and the National Society of Black Physicists (NSBP), with the Southeastern Universities Research Association (SURA) and the American Physical Society (APS), and for his work at building programs at Vanderbilt and Fisk Universities." He will receive the award at the SESAPS Annual Meeting to be held in Roanoke, VA, in October.

Dave has also won the 2011 Dwight Nicholson Medal for Human Outreach from the American Physical Society. The award is "To recognize the humanitarian aspect of physics and physicists. "The citation reads "For his career-long efforts to promote diversity in physics and for his success in increasing minority participation in physics in the USA." He will be awarded the Medal at a special session of the April meeting of the American Physical Society to be held in Atlanta.

Recall that Dave will be receiving the Distinguished Professional Mentor Award from the Society for the Advancement of Chicanos and Native Americans in Science (SACNAS) at the upcoming meeting in San Jose, October 27-30.

**Congratulations Dave!**



## Ramon Lopez to receive the 2012 APS Bouchet Award

Ramon Lopez, from the University of Texas at Arlington, was honored with the 2012 Bouchet Award of the American Physical Society. The award recognizes a distinguished minority physicist for contributions to physics research and helps publicize his work and career development to the physics community. The Lectureship consists of a stipend of \$3,500 plus support for travel to an APS meeting where the recipient will receive the award and give a presentation. In addition, Ramon will be invited to at least three academic institutions where the impact of the visit on minority students would be significant. Ramon joins the company of other NSHP members such as J.D. Garcia, Jorge Pullin and others.

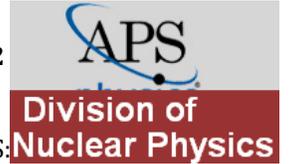
**Congratulations Ramon!**



## News you can use

APRIL 2012 APS SPRING MEETING - Atlanta, GA - 31/3-3/4 2012  
SPEAKER NOMINATIONS - DEADLINE: 18 October 2011

Start your preparation by nominating an outstanding invited speaker for the APRIL 2012 meeting. The DNP Program Committee will vote on nominees at its East Lansing meeting during DNP 2011. PROCESS: Go to <http://dnp.aps.org> and link to "DNP Invited Speaker Nominations for April Meeting 2012".



## Empowering Women, Advancing Science

The Schlumberger Foundation is accepting applications for the 2012–2013 Faculty for the Future Fellowships from 9/12 – 11/30 2011



The Schlumberger Foundation Faculty for the Future program awards fellowships to women from developing and emerging economies to pursue PhD or postdoctoral studies in the physical sciences at top universities abroad. Grants are in the range of USD 25,000 to 50,000 per year and may be renewed through to completion of studies. Candidates should have applied to, have been admitted to, or be currently enrolled in a university abroad when submitting their Faculty for the Future grant request. [www.facultyforthefuture.net](http://www.facultyforthefuture.net) **APPLY ON-LINE AS OF 9/12 2011**

## SLAC Attend the SSRL/LCLS User's Meeting and Workshops

Attend the SSRL/LCLS Users' Meeting and Workshops, October 22-26, to learn about new capabilities at SSRL and groundbreaking results from the LCLS. We have several science talks, focused workshops, and a poster session where students compete for \$100 poster prizes. We especially want to encourage potential new users to participate in the introductory workshop, De-Mystifying the Synchrotron (Lightsource) Experience (We can waive the registration fee for this one day workshop for anyone who is interested - just let me know). There will also be several workshops on Oct. 25th focusing on Synchrotron Applications in Chemical Catalysis, Non-Linear X-ray Sciences and Optics, New Advances in Crystallography with Synchrotrons and X-FELs, Future X-ray Sources.

<http://www-conf.slac.stanford.edu/ssrl-lcls/2011/default.asp>



QUALITY EDUCATION FOR MINORITIES (QEM) NETWORK

**NSF Robert Noyce Teacher Scholarship Program, Information and Proposal Development Workshop - Albuquerque, NM Friday and Saturday, December 9-10, 2011 - Registration Deadline - Friday, November 4, 2011**

This workshop is for minority-serving institutions, the Noyce Program funds institutions of higher education to support scholarships, stipends, and academic programs for undergraduate STEM. Contact Shirley McBay at [smmcbay1@qem.org](mailto:smmcbay1@qem.org)



## Professional Science Master's program

Housed in the Wiess School of Natural Sciences the program prepares students to effectively bridge the gap between technology and business. The Professional M.S. in Nanoscale Physics combines a strong component in quantum theory with the study of practical nano- and mesoscale devices. It focuses on interdisciplinary studies in many areas of nanoscale science, including carbon nanotubes, nanoshells, and nanobiology. Courses include Nanostructures and Nanotechnology, Nano-optics and Nanophotonics, and Characterization and Fabrication at the Nanoscale. Please visit our web site at [\\*\\* www.profms.rice.edu](http://www.profms.rice.edu) \*\* for detailed course information. Contact: Dagmar Beck, Program Director, Professional Science Master's Program at Rice University, 713-348-3188 or [dkbeck@rice.edu](mailto:dkbeck@rice.edu)



## Assistant Professor – Southern Illinois University Carbondale

SIUC invites applications for one tenure-track Assistant Professor position in computational physics, starting 8/16/2012. We are seeking a theorist working in computational physics on quantum computing or soft condensed matter to complement our areas of research and strengthen our doctoral program in Applied Physics. Applicants must hold a Ph.D. in Physics or closely related field, must have postdoctoral research experience with evidence of excellence in scholarship, and must have experience in teaching physics. Applicants: send a letter of application, curriculum vitae, a research plan, a statement of teaching philosophy and contact information for four references to: Theory Search Committee, Department of Physics, Mail Code 4401, Southern Illinois University Carbondale, 1245 Lincoln Dr., Carbondale, IL 62901 or submit the requested materials electronically to: [spleasure@physics.siu.edu](mailto:spleasure@physics.siu.edu). We will begin reviewing applications on 11/15/2011 and will continue until the 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>.