

# The Hispanic Physicist

The Newsletter of the National Society of Hispanic Physicists

Year 9

November 2005



## US Department of Energy announced

### the 2006 Student Diversity Partnership program

The U.S. Department of Energy's Student Diversity Partnership Program is looking for outstanding undergraduate and graduate students to participate in an 8-week summer internship program. Applicants must be at least 18 years of age and have an interest in energy-related issues. See our website for additional eligibility requirements <http://www.sdpp.org>

Interns with the U.S. Department of Energy will receive free roundtrip airfare, paid summer lodging, and earn monetary compensation, work with leading scientists, engineers, and other top professionals, develop new skills and improve existing skills, explore career possibilities, improve self-confidence in the workplace, expand their professional network, connect with a dedicated mentor in your industry.

Internship positions are available in Washington, DC, Germantown, Maryland, Colorado, Tennessee, Nevada, and South Carolina (Other locations may be added). Apply online TODAY at <http://www.sdpp.org> If you need additional information, please e-mail [sdpp@air.org](mailto:sdpp@air.org)

**The deadline to apply is January 22, 2006!**

## AAPT \$2000 scholarships for future physics teachers

Supported by an endowment funded by Barbara Lotze, the American Association of Physics Teachers is offering two \$2,000 scholarship for future high-school physics teachers. Undergraduate students in, or planning to enter, physics teacher preparation curricula and high-school seniors planning to enter such curricula are eligible.

Successful applicants, normally two per year, will receive a stipend of up to \$2,000 plus a one year free AAPT membership, including The

Physics Teacher Journal. The scholarship may be granted to an individual for each of four years. The deadline for applying for this coming spring 2006 is DECEMBER 1, 2005. The application is online at: [www.aapt.org/pdfs/lotze.pdf](http://www.aapt.org/pdfs/lotze.pdf) or from AAPT Programs Department, [aapt-prog@aapt.org](mailto:aapt-prog@aapt.org),



## Hispanics named Carlos on the move . . .



**Carlos Gutierrez** is now the Manager of the Surface & Interface Sciences at Sandia National Laboratories



**Carlos Bertulani** is now a visiting professor at the University of Arizona



**Carlos Handy** is now the Chair of physics at Texas Southern University



## Marcos Moshinsky received UNAM's highest honor

Last may 30<sup>th</sup>, legendary Mexican physicist Marcos Moshinsky received the Justo Sierra Medal from Mexico's UNAM rector. Dr. Moshinsky received his Ph.D. in Princeton under the supervision of Eugene Wigner, with whom he shared his passion for nature's symmetries. An untiring researcher, he has accumulated over 300 articles and, up to these days continues publishing between 5 or 6 new articles a year with a citation rating of 17 per article! In the ceremony, his work in quantum mechanics that led to the creation of the Moshinsky brackets was remembered, among other achievements. **NSHP salutes Dr. Moshinsky!**



### News you can use

#### WYP 2005 Speakers Program

The Topical Group in Gravitation and the Forum on the History of Physics have a program of speakers available for schools. For more information see: <http://www.phys.utb.edu/WYPspeakers/REQUESTS/howto.html>. Funding is available for schools which need assistance bringing in speakers.



#### NSBP's Pre-college Program

The National Society of Black Physicists is seeking volunteers for a new education initiative: K-12 science shows, an addition to our annual NSBP/NSHP joint conference.

Enthusiastic, upbeat professional physicists and physics students are needed to serve as show presenters for our [2006 joint conference](#) in San Jose, CA. The conference dates are February 15-18, 2006. Contact: Aisha Fields-Buchanan, [aisha.fields-buchanan@amrdec.army.mil](mailto:aisha.fields-buchanan@amrdec.army.mil)

**Nuclear Theory Group** 

ARKANSAS STATE  
UNIVERSITY

#### Tenure-Track Assistant Professor in Theoretical Nuclear Physics Astrophysics

Starting Aug. 2006. Interests include isospin, equation of state, nuclear reactions with rare isotopes, hadronic-partonic transport theories for heavy-ion reactions, dense nuclear-hadronic-partonic matter. Contact: Dr. Bao-An Li, Tel: 870-972-3271, [BALI@astate.edu](mailto:BALI@astate.edu) [www.astate.edu](http://www.astate.edu).

Two Assistant Professor and one Full-time Instructor, -  
PHYSICS DEPT  
OREGON STATE UNIV.

**OSU** Oregon State University

The Department of Physics invites applications for these positions with an anticipated start date of September 16, 2006. the tenure track positions are in the areas of computational physicists and materials experimentalists. For details see jobs 004-2049, 004-2050 and 004-2051 at <http://oregonstate.edu/admin/hr/jobs/academic/004-2049.html>.

#### Visiting Scientist Position in Space Science - North Carolina Agricultural and Technical State University

**North Carolina A&T  
State University**

Applications are invited for a one-year visiting scientist position in Space Science. Preference will be given to candidates with teaching and research experience. Contact: Dr. Abebe Kebede, Departments of Physics, 101 Marteena Hall, North Carolina A&T State University, 1601 East Market St. Greensboro, NC 27411. Tel: 336-256-2039 <http://hoth.ncat.edu/~michael/>



#### FACULTY POSITIONS IN EXPERIMENTAL CONDENSED MATTER and in THEORETICAL CONDENSED MATTER PHYSICS PHYSICS UNIVERSITY OF CALIFORNIA, SAN DIEGO

The Physis. Dept. at the Univ. of California, San Diego invites applications for 1 or 2 positions in experimental condensed matter physics and one in theoretical condensed matter physics, starting 6/1/06. Contact: Faculty Search Committee Department of Physics CEW-0354, University of California, San Diego, 9500 Gilman Drive, La Jolla, CA 92093-0354.

**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://physics.utep.edu/nsdp/nsdp.html>. and <http://hispanicphysicists.org>.