

Subject: NSHP News: Sep. 1, 2010

The Hispanic Physicist

A news service of the National Society of Hispanic Physicists
Please send news, letters, congratulations, announcements,
to

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NSHP web site: <http://www.hispanicphysicists.org>

- 1. Theory postdoc position in TAMU- Commerce, Texas**
- 2. Teacher Education Programs Manager, APS Headquarters, College Park, MD**
- 3. First USA Science & Engineering Festival Expo - October 23 &24, 2010 on the National Mall**
- 4. Austin Science and Engineering Festival – Organized by MAES, October 2 - October 22, 2010**
- 5. American Physical Society, Minority Bridge Program Project Manager**

1. Theory postdoc position in TAMU- Commerce, Texas

A two year postdoc position is available to start in January 2011. The postdoc will be located at the Texas A&M University-Commerce (45 min by car from Dallas, Texas). The postdoc will work on reaction theory for reactions with radioactive beams under supervision of Carlos Bertulani (carlos_bertulani@tamuc.edu). The postdoc will also closely interact with experimentalists at the Texas A&M University-College Station campus (1.5 hour from Houston).

The nuclear theory/astrophysics group at Texas A&M

University-Commerce currently consists of 2 professors, 1 interim assistant professor, 3 postdocs and several graduate and undergraduate students. Founded in 1889, Texas A&M University-Commerce currently has an academic enrollment of about 10,000 including approximately 4,200 graduate students. It is located approximately 60 miles Northeast of Dallas (<http://www7.tamu-commerce.edu/physics/dallas.pdf> <<http://www7.tamu-commerce.edu/physics/dallas.pdf>>).

Interested candidates should send me an email including his/her CV, a statement of research interest and the contact information of 3 references.

Please contact Prof. Carlos Bertulani if you are interested.

Prof. Carlos Bertulani

Department of Physics and Astronomy

Texas A&M University-Commerce

P.O. Box 3011

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<http://faculty.tamu-commerce.edu/cbertulani/>

2. Teacher Education Programs Manager, APS Headquarters, College Park, MD

The American Physical Society (APS) <http://www.aps.org>, the premier membership association for physicists, seeks a dynamic and personable science education professional to fill the position of Teacher Education Programs Manager based at APS Headquarters in College Park, MD (near DC Metro Green Line). Reporting to the Society's Assistant Director of Education, this position has responsibilities in three chief areas: PhysTEC (a national project dedicated to

improving and promoting the education of future physics and physical science teachers.); Teacher professional development; and Curriculum development.

Responsibilities include: Organizing national workshops and topical conferences on issues relevant to physics teacher education; Managing PhysTEC Noyce Scholars project and PhysTEC member institutions; Conducting site visits to PhysTEC funded institutions and helping organize and conduct annual meetings; Engaging university faculty and staff in developing activities to improve interactions between universities and K-12 schools and teachers; Developing a national program of physics teacher professional development; Integrating APS-developed curriculum with other research-based active-engagement curriculum and pedagogy; Seeking external funding, where appropriate, to expand our efforts in providing professional development for physics teachers; Working with American Association of Physics Teachers to integrate APS professional development activities with their efforts; Serving as liaison with APS Outreach to integrate efforts; Helping develop appropriate physics curriculum based on APS-sponsored projects or products (e.g., Nuclear Forensics, LaserFest); Working with physics teachers to vet ideas, classroom-test materials, and provide feedback on curricular ideas.

PhD in physics or related science required and high school physics teaching experience. Experience with teacher education is desirable. Excellent written and verbal communication skills are necessary. To apply, send cover letter with salary requirement, resume and a list of professional references to the attention of the Director of Human Resources via e-mail: personnel@aps.org or fax: 301-699-8144. EOE M/F/D/V

3. First USA Science & Engineering Festival Expo - October 23 &24, 2010 on the National Mall

Don't Miss the First USA Science & Engineering Festival Expo - October 23 &24, 2010 on the National Mall and surrounding areas – free of charge

Imagine chatting with Albert Einstein, building an underwater robot, managing cargo in the space shuttle or watching a science magician. These are just a few of the over 1,500 interactive exhibits and stage shows planned for the first USA Science & Engineering Festival Expo, October 23-24, 2010 on the National Mall and surrounding areas.

The Expo has something for everyone and includes:

- The science behind TRON and other Hollywood movies, baseball, superheroes, Thanksgiving dinner, NASCAR, the mathematics of speed jump roping and much more.
- Fifty stage shows featuring science musicians, comedians, rock stars – even the Redskins cheerleaders are creating a support for science cheer.
- More cool science and engineering exhibits than you can even imagine.

Bring your whole family and give your future and current scientists the experience of a lifetime. Come check out our booth "Puzzles, Mysteries and Demonstrations" located at 305.

Visit the official Festival website to view all exhibit and stage shows, download a map of the Expo grounds, and view the entire Festival Calendar: www.usasciencefestival.org

**4. Austin Science and Engineering Festival – Organized by MAES, October 2 - October 22, 2010
Expo at the Austin Convention Center: October 23 & 24, 2010, 10:00-5:30**

As a satellite event of the USA festival, the Austin Science and Engineering Festival will also be held in October in Austin, Texas. The Austin Festival will showcase the remarkable technology of Austin. The Austin festival plans to host events throughout the community from October 2–22. The Festival culminates in a two-day Expo at the Austin Convention Center with over 150 science & engineering exhibits of hands-on, fun science and engineering activities to inspire the next generation of scientists and engineers.

Recruit: reserve your booth, contribute a general-audience talk.

Contact: **Alma Rosales** <arosales705@gmail.com>

Visit the official Festival
website: <http://www.austinsciencefestival.org/>

5. American Physical Society, Minority Bridge Program Project Manager

I am the Human Resources Director for the American Physical Society (APS) <http://www.aps.org>. Our Education and Diversity Department currently seeks a dynamic and personable science education professional to fill the position of Minority Bridge Programs Project Manager. The position is based at APS Headquarters in College Park, MD. At present, this is a part-time (.50 FTE), one-year position; however it is anticipated that this position will be extended to full time beginning mid-year 2011. The Minority Bridge

Program Project Manager reports to the APS Director of Education and Diversity and works in conjunction with the Diversity Programs Administrator, to organize and carry out program elements aimed at developing national bridge programs that will increase the number of minorities receiving doctoral degrees in physics. Attached you will find a PDF of our recruitment advertisement which includes the chief responsibilities of the job. If you know someone who you think might have the qualifications and interest, we invite you to inform them about this job opening. Applicants should apply by sending a cover letter with salary requirement, resume and a list of professional references to the attention of the Director of Human Resources via e-mail: personnel@aps.org Thank you in advance for your assistance. Sincerely, Joe Ignacio American Physical Society Director of Human Resources One Physics Ellipse College Park, MD 20740-3844 Phone: (301)209-3229 Fax: (301)699-8144 e-mail: ignacio@aps.org

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