

Subject: NSHP News: May 14, 2008

The Hispanic Physicist

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

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<http://hispanicphysicists.org>.**

- 1. Lecturer of Science Education, Dept. of Physics, Texas A&M University-Commerce**
- 2. Save the date: Reception for Congressman Bill Foster: July 16, 2008**
- 3. INTERNATIONAL TRAVEL GRANT AWARD PROGRAM (ITGAP)**
- 4. Applying to join the US delegation to the 3rd International IUPAP Conference on Women in Physics in Seoul Korea**
- 5. Assistant/Associate Professor of Physics, South Carolina State University, Department of Biological and Physical Sciences**
- 6. Two positions as Tenure-Track Assistant Professors at The University of Texas at San Antonio**

1. Lecturer of Science Education, Dept. of Physics, Texas A&M University-Commerce

The Department of Physics at Texas A&M University-Commerce invites applications for the position of **Lecturer of Science Education**. This is a continuing contract position starting Aug., 2008. The lecturer is a nine-month full time faculty member with various responsibilities including teaching integrated science lectures and laboratories to current and future K-12 science teachers and occasionally teaching also other science courses (most likely physics and/or astronomy courses). The successful candidate is also expected to collaborate with other faculty members to initiate and sustain externally funded research in science education involving possibly K-12 science teachers, undergraduate, and master level students and participate in developing science education programs and curricula. A MS (Ph.D preferred) or ABD in a field of physical sciences (physics and/or astronomy preferred) or MEd with course contents emphasizing science education and having a BS in a field of physical sciences is required. The preference will be given to candidates who have successful college teaching experience and/or good working experience with K12 science teachers and the potential of attracting external grants for research in science education.

Founded in 1889, Texas A&M University-Commerce is a senior public

institution with an academic enrollment of approximately 9,000 including about 4,000 graduate students. It is located about 60 miles Northeast of Dallas <http://www7.tamu-commerce.edu/physics/dallas.pdf> . More information about the University and the position can be found at www.tamu-commerce.edu/physics/

Review of applications will begin immediately and will continue until the position is filled. Applicants should submit electronically a letter of application addressing qualification for the position, resume, statements of teaching philosophy, and copies of transcripts of all degrees. At least three reference letters should be sent by email to: Dr. Bao-An Li (Bao-An_Li@TAMU-Commerce.edu), Head and Professor, Department of Physics, Texas A&M University-Commerce, P. O. Box 3011, Commerce, TX 75429-3011.

The University is an Equal Opportunity/Affirmative Action Employer. Individuals from underrepresented racial, ethnic and gender groups are encouraged to apply.

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<http://www.tamu-commerce.edu/physics/>

2. Save the date: Reception for Congressman Bill Foster: July 16, 2008

On March 8th Dr. Bill Foster, a physicist, former researcher at Fermi, and an APS Fellow (<http://www.foster08.com/>), was elected to Congress in a special election. APS, NSBP and NSHP will be holding a reception with Representative Foster on Wednesday, July 16th, 6:00-7:30pm in room B369 of the Rayburn House Office Building. All are invited.

3. INTERNATIONAL TRAVEL GRANT AWARD PROGRAM (ITGAP) I.

Background Following the initiative of the APS Forum on International Physics (FIP), the APS Committee on International Scientific Affairs (CISA) and the APS Divisions of Astrophysics (DAP), Nuclear Physics (DNP), Physics of Beams (DPB), Particles and Fields (DPF), and Plasma Physics (DPP) recognize that funding for collaborations between developed and developing country scientists is often insufficient to meet existing needs and opportunities. While the needs are great, and though we have only limited resources to stimulate growth of longer-term collaborations, we believe that an International Travel Grant Award Program (ITGAP), even a modest one, may make a significant difference. II. Purpose Promote international scientific collaborations, especially between APS members and physicists in developing countries. III.

Amount of the award Up to US\$2,000 for travel and lodging expenses for international travel while visiting a collaborator.

IV. Features

A. Time limit: Once awarded, the time limit on the use of the award will be a maximum of 5 years.

B. Report: A report, with a 300 word public abstract, is required upon completion of the award; this report will be entered onto APS websites.

C. Bi-directionality: The trip can be in either direction, with preference given for travel from developing countries to developed countries.

D. Preference: Support for the growth of existing collaborations will be given preference over new ones, a measure of the former, for example, being joint publications.

V. Conditions and Criteria A collaborative visit must be for a period of at least one month. One or both partners (co-applicants) in the collaboration must be APS members of at least one of the supporting APS units (FIP, DAP, DNP, DPB, DPF or DPP). When rank-ordering applications, consideration will be given to:

A. Merit

1. Past record of research accomplishments and promise of future accomplishments; and
2. Invited talks to be delivered during the trip, especially talks at APS-sponsored meetings.

B. Need

1. Under-represented countries and ethnic groups will be given priority; and
2. Resources available from other sources with matching funds (leverage) will be considered as a positive factor while potential support available, but not sought, from other sources as a negative factor.

VI. Start-up program Awards will be made over an initial 5-year period of 2004-2009 based on 6-month competitive cycles. Sixteen awards have been made during the first seven cycles. THE DEADLINE FOR RECEIPT OF APPLICATIONS FOR THE EIGHTH CYCLE IS 16 JUNE 2008, with decisions announced on 16 JULY 2008, for an immediate starting date. Applications are to be submitted online at <http://ultron.aps.org/forms/aps.cgi?ID=1015> They should include the following items: *

- * Narrative proposal of 5000 character (maximum); *
- * Lists of up to 5 most relevant publications of the two co-applicants; *
- * Statement of financial support provided from an appropriate representative of other sources (leverage); *
- * Statement of who is (are) the member(s) of APS units (specifying all that apply - FIP, DAP, DNP, DPB, DPF, or DPP); *
- * Outline of the benefits of the proposal to junior scientists, students, or post-docs from a developing country; and *
- * Description of the travel plan and budget.

Applications will be considered active for the current cycle alone without restricting re-application in subsequent cycles. The Executive Committee of FIP, with assistance from CISA, the APS Office of International Affairs, and other sponsoring APS units, will be responsible for managing the review process. Confidentiality of the reviews is assured with reports going only to the co-applicants.

VII. Longer-term program FIP and CISA invite funding partners to either continue this program or co-develop new programs that meet our combined objectives. We especially seek support of additional APS Units. Larger awards with broader aims and relaxing the restriction on APS membership are anticipated.

VIII. Acknowledgment of Financial Support APS Forum on International Physics APS Divisions of Astrophysics APS Division of Nuclear Physics APS Division of Physics of

Beams APS Division of Particles and Fields APS Division of Plasma
Physics APS Office of International Affairs U.S. Liaison Committee of the
International Union of Pure and Applied Physics

4. Applying to join the US delegation to the 3rd International IUPAP Conference on Women in Physics in Seoul Korea

Could you each distribute to your networks--APS, NSBP, NSHP, astronomy, materials science, social science, AAPT, etc a "deadline approaching" email: The deadline is rapidly approaching for applying to join the US delegation to the 3rd International IUPAP Conference on Women in Physics, to be held in Seoul Korea from October 7 to 11, 2008. Significant travel support will be available to delegation members. We seek to involve a diverse delegation of women and men from all subfields of physics, astronomy, materials science; all stages of their careers (students, post-docs, early career, advanced); all sectors (academia, industry, government, business, teaching, research, policy, administration); and in a few other fields (chemistry, math, computer science, engineering, social science). Full information about the US application process is available at <http://uswip.org>. Applications are due May 15, 2008. The conference web site is at <http://icwip2008.org>. We invite you to apply. Questions: email questions@uswip.org. Beverly Karplus Hartline, Ph.D. 755 Sharon Hill Road Dover, DE 19904 USA

5. Assistant/Associate Professor of Physics, South Carolina State University, Department of Biological and Physical Sciences

This tenure track position requires the applicant to teach classes and conduct research with undergraduate majors in physics and related fields. Teaching responsibilities will include lecture and laboratory courses in general physics and physical science courses as well as upper-level courses for physics majors. Additional departmental and university duties include service on committees, advising students, participation in special projects and similar activities. The successful candidate is expected to revitalize the advanced laboratory course for physics majors, P 407. Ph.D. in physics or equivalent in closely related field. Ph.D. in physics with background in condensed matter physics or materials physics. Emphasis on energy-related materials research is encouraged. Three letters of recommendation and copies of degree transcripts should be attached to this application. However, if selected for interview official documents must be presented. Apply at <https://jobs.scsu.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1210591300610> Dan Smith Daniel M. Smith, Jr., Ph.D. Associate Professor of Physics South Carolina State University 300 College Street, NE Orangeburg, SC 29115 dsmith@scsu.edu (803) 536-7162 (voice) (803) 536-8436 (fax)

6. Two positions as Tenure-Track Assistant Professors at The University of Texas at San Antonio

Applications are invited for two positions as Tenure-Track Assistant Professors at The University of Texas at San Antonio (UTSA) in the Department of Physics and Astronomy beginning Fall 2008 pending budget approval. We request applications from candidates in: (1) Biophysics; (2) Nanotechnology; (3) Physics of Materials; and (4) Computational Physics (with expertise in condensed matter applications). A Ph.D. in physics or closely related field is required. The Department of Physics and Astronomy is developing strong research programs and improving its infrastructure, and the successful candidates are expected to develop a strong research program and have a strong teaching commitment. Applicants who are selected for interviews must be able to show proof that they are eligible and qualified to work in the United States. Interested candidates should send a file including: a cover letter, a statement of research interest, curriculum vitae, bibliography and provide the names of three references. The deadline for receiving applications is May 30, 2008. Please send the applications to: (preferably as a single pdf) Gabrielle Kunath at gabrielle.kunath@utsa.edu, Attn: Search Committee. UTSA is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

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<http://www.jorgelopez.utep.edu/jorgeptr/jorge.htm>