

Subject: NSHP News: April 28, 2008

The Hispanic Physicist

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

**Dr. Jorge A. López, Physics Department, Univ. Texas at El Paso
(915) 747-7538, e-mail: jorgelopez@utep.edu, NSHP web site:
<http://hispanicphysicists.org>.**

1. May 1 SACNAS Deadline for student travel scholarship applications and abstract submission

2. Physics Division at the NSF is seeking qualified Rotators

3. NASA Postdoctoral Fellowships

4. Postdoctoral and senior researchers fellowships, National Research Council of the National Academies

5. Postdocs at the U Colorado at Boulder, Colorado State Univ., or the National Center for Atmospheric Research.

6. "Coordinador de la Unidad de Difusión y Divulgación" at Instituto de Ciencias Nucleares of UNAM 7. APS Career Development Speaker Travel Grant Program

8. Program Manager for Chemical Physics at DOE

9. Postdoc position in nuclear theory/astrophysics at Texas A&M University-Commerce

1. May 1 SACNAS Deadline for student travel scholarship applications and abstract submission The deadline for student travel scholarship applications and for student abstract submission for the annual Society for the Advancement of Chicanos and Native Americans in Science (SACNAS)

(<http://www.sacnas.org>) meeting is May 1. The meeting is to be held Oct. 9-12, 2008, in Salt Lake City. Note that NSHP has scholarship support for students from the NSF and prize money for outstanding physics, astronomy, materials science poster presentation. Application is through the SACNAS procedure. NSHP has proposed a number of physics sessions and physics related activities, in addition to the many student support activities organized by SACNAS. We will also hold an open Board Meeting at this meeting. Act fast and you too can learn some physics, meet important people, get great advice and assistance, and enjoy some time in Salt Lake City.

2. Physics Division at the NSF is seeking qualified Rotators

Physics Division at the NSF is seeking qualified applicants to serve as "rotators", i.e. scientific Program Directors on temporary leave from academic

institutions, industry, or national laboratories, for several programs within the Division? Notice of these positions was given in our ad on Page 93 in the January 2008 issue of Physics Today. Interested applicants can contact either the person listed in the ad or the current cognizant Program Director for the scientific program. These are given at the URL:
<http://www.nsf.gov/div/index.jsp?div=PHY>

3. NASA Postdoctoral Fellowships

The NASA Postdoctoral Program (NPP) offers unique research opportunities to highly talented national and international scientists to engage in ongoing NASA research in space science, earth science, aeronautics, space operations, exploration systems, and astrobiology.

Awards:

- . Approximately 50 Fellowships awarded annually
- 0. One-year appointments, renewable up to three years
- 0. Annual stipends start at \$50,000, with supplements for specific degree fields and high cost-of-living areas
- 0. Annual travel budget of \$8,000
- 0. Financial assistance for relocation
- 0. Financial supplement for health insurance purchased through the program
- 0. Apply at <http://nasa.orau.org/postdoc>

Application Deadlines: Three each year - March 1, July 1, and November 1

Eligibility:

- 0. U.S. Citizen
- 0. Foreign Nationals with a J-1 visa status as a research scholar, Lawful Permanent Resident (LPR) status, or Employment Authorization Document (EAD with pending LPR status)
- 0. Recent and senior-level Ph.D. receiptients

Locations of Fellowship Positions:

- 0. Ames Research Center, Moffett Field, CA
- 0. Dryden Flight research Center, Edwards, CA
- 0. Glenn Research Center, Cleveland, OH
- 0. Goddard Space Flight Center, Greenbelt, MD
- 0. Jet Propulsion Laboratory, Pasadena, CA
- 0. Johnson Space Center, Houston, TX
- 0. Kennedy Space Center, Kennedy Space Center, FL
- 0. Langley Research Center, Hampton, VA
- 0. Marshall Space Flight Center, Huntsville, AL
- 0. Stennis Space Center, Stennis Space Center, MS
- 0. NASA Headquarters, Washington, DC
- 0. Various locations associated with the NASA Astrobiology Institute

To obtain more information and to apply for this exciting opportunity, please visit the NPP Web site at <http://nasa.orau.org/postdoc>.

Thank you,
Janeen Pointer Senior Program Specialist Oak Ridge Associated Universities
NASA Postdoctoral Program P.O. Box 117, MS-36 Oak Ridge, Tennessee
37831-0117 Phone: (865) 574-3172 Fax: (865) 241-7559 Email:
Janeen.Pointer@ornl.gov URL: <http://nasa.ornl.gov/postdoc/>

4. Postdoctoral and senior researchers fellowships, National Research Council of the National Academies

As you know, the National Research Council of the National Academies sponsors a number of awards for postdoctoral and senior researchers at federal laboratories. These awards provide generous stipends (\$41,000 - \$70,000 per year for recent Ph.D. recipients and higher for additional experience), and the opportunity to do independent research in some of the best-equipped and staffed laboratories in the country.

We ask your assistance in informing doctoral students and faculty in your department of these opportunities by copying this message to each one. Detailed program information, including instructions on how to apply online, and a list of participating laboratories, is available on the NRC Research Associateship Programs Web site at: www.national-academies.org/rap

Questions should be directed to the NRC at 202-334-2760 (phone) or rap@nas.edu. There will be four review cycles annually. Upcoming deadline dates are: May 1, 2008, August 1, 2008, November 1, 2008, February 1, 2009.

Applicants should begin a dialog with prospective Advisers at the lab as early as possible, before their anticipated application deadline.

Thank you for your assistance.

Sincerely yours,
H. Ray Gamble
Director of the Fellowship Programs
National Research Council
The National Academies 500 5th Street NW, Keck 568 Washington, DC 20001

5. Postdocs at the U Colorado at Boulder, Colorado State Univ., or the National Center for Atmospheric Research.

The Colorado AGEP is pleased to announce the implementation of a new Postdoctoral Fellowship Program for Academic Diversity. Advanced doctoral students and recent PhD graduates may apply for postdoctoral fellowships in STEM disciplines at the University of Colorado at Boulder, Colorado State University, or the National Center for Atmospheric Research. Up to 4 postdoctoral fellowships will be awarded each year.

Application deadline: June 1, 2008. Additional information can be found at: <http://www.colorado.edu/graduateschool/DiversityInitiative/postdoctoralopportunities.html>

Questions? Please contact Barbara Kraus at <Barbara.Kraus@Colorado.edu> or 303.492.5779.

6. “Coordinador de la Unidad de Difusión y Divulgación” at Instituto de Ciencias Nucleares of UNAM

El Instituto de Ciencias Nucleares de la Universidad Nacional Autónoma de México convoca a todos los interesados a presentar su solicitud para la plaza de “Coordinador de la Unidad de Difusión y Divulgación” de dicho Instituto. La plaza corresponderá a un Técnico Académico Asociado o Titular de tiempo completo, con el nivel específico a determinar en función de la capacidad y experiencia del candidato seleccionado. Los candidatos deberán tener una amplia cultura científica con énfasis en las áreas de investigación que se desarrollan en el Instituto, además de contar con experiencia en la difusión de la ciencia, y un talento sobresaliente para comunicar ideas por vía oral, escrita y audiovisual. El perfil detallado que deberá tener el Coordinador de la Unidad Difusión y Divulgación, así como una lista de las responsabilidades asociadas a dicho cargo, puede consultarse en el documento adjunto a esta convocatoria. Es importante enfatizar que el dominio del idioma inglés es indispensable para el cargo. Los interesados deberán enviar su solicitud, junto con su curriculum vitae actualizado, un plan de trabajo y dos cartas de recomendación, directamente por correo electrónico al Dr. Miguel Alcubierre (malcubi@nucleares.unam.mx). Las solicitudes se recibirán desde el momento en que se emite esta convocatoria, la evaluación de las solicitudes comenzará el día 5 de mayo del 2008, y continuará hasta que se cubra la vacante.

7. APS Career Development Speaker Travel Grant Program

On behalf of the American Physical Society (APS) Committee on Careers and Professional Development, I am pleased to announce that the APS has funded a new Career Development Speaker Travel Grant Program. The purpose of the program is to provide assistance to physics departments that are trying to increase their career development activities and to raise the career awareness of students seeking undergraduate and graduate physics degrees.

The program basically provides matching funds to supplement existing (or new) career-related programming. If your department is willing to invite two speakers to campus to give presentations on topics concerning careers in physics and career development, then we will reimburse the travel and lodging expenses (up to \$600) for one of the speakers. All colleges and universities in the United States which grant physics degrees are encouraged to apply. For more information, including the eligibility requirements and application instructions, please see our announcement on the APS Careers web site, <http://www.aps.org/careers/educator/travelgrant/index.cfm>.

We will be reviewing applications on a rolling basis and funds are limited. Please apply soon, fall colloquia are just around the corner!

Sincerely,
Mark W. Sincell, Ph.D.
Chair, Committee on Careers and Professional Development (CCPD)

8. Program Manager for Chemical Physics at DOE

The Office of Basic Energy Sciences (<http://www.sc.doe.gov/bes/bes.html>), Office of Science, US Department of Energy, is seeking qualified applicants for a career federal position managing the Chemical Physics Program, funding mission-oriented basic science at universities and national laboratories. The person selected for this position will serve as an expert in gas-phase chemical physics, and have responsibility to plan, coordinate, implement, and evaluate research programs in this field on a national and international level. The announcement and on-line application instructions can be found via the BES website: <http://www.sc.doe.gov/bes/BESjobs.html> or directly at USA

Jobs: <http://jobsearch.usajobs.gov/ftva.asp?seeker=1&JobID=70384207> . Applications must be submitted by 11 pm EST on **June 11, 2008**.

The Chemical Physics Program resides in the BES Division of Chemical Sciences, Geosciences, and Biosciences Division, described at <http://www.sc.doe.gov/bes/chm/chmhome.html>. For questions about this position and working at BES, please contact Michael Casassa, **Error! Hyperlink reference not valid.** or Eric Rohlfing, **Error! Hyperlink reference not valid.** .

9. Postdoc position in nuclear theory/astrophysics at Texas A&M University-Commerce

Funded by the Texas Coordinating Board of Higher Education, a postdoc

position in nuclear theory/astrophysics is now available at Texas A&M University-Commerce (<http://www.tamu-commerce.edu/physics/>). The successful candidate will collaborate mainly with me on projects relevant for understanding nuclear reactions involving high energy rare isotopes, equation of state of neutron-rich nuclear matter and its impact on astrophysics, develop practically implementable quantum transport theory for modeling nuclear reactions from low to high energies, and any other projects of common interests. The initial appointment is for one year with the possibility of renewal for another year. Teaching opportunities may be available if the successful candidate needs some teaching experience besides a strong research record to have a better chance of getting a faculty position somewhere later.

The nuclear theory/astrophysics group at Texas A&M University-Commerce currently consists of 2 professors (Bertulani and Li), 2 postdocs, a long-term visiting scientist, several graduate and undergraduate students. Founded in 1889, Texas A&M University-Commerce has currently an academic enrollment of approximately 9,000 including about 4,000 graduate students. It is located approximately 60 miles Northeast of Dallas (<http://www7.tamu-commerce.edu/physics/dallas.pdf>).

Thanks in advance for bringing this position to the attention of potential candidates. Interested candidates should send me an email including his/her CV, a statement of research interest and the contact information of 3 references.

Thanks a lot.

Dr. Bao-An Li, Head and Professor

Department of Physics Texas A&M University-Commerce P.O.Box 3011,
Commerce, TX75429-3011 Office: (903) 886-5478, Fax: (903) 886-5480

Email: Bao-An_Li@Tamu-Commerce.edu

<http://www.tamu-commerce.edu/physics/personal%20li.html>

Jorge A. López

Chair and Shumaker professor

Physics Dept., UTEP

915-747-7528

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