Ciencia, a DOE portal is now online

Science.gov Alliance, the innovative and collaborative accumulation of U.S. Federal Science is now available to Spanish-speaking public through Ciencia.Science.gov, the Spanish version of Science.gov, which is celebrating 10 years of comprehensive coverage of U.S. government science information.

Through Ciencia.Science.gov you can broaden your horizons with a wealth of authoritative U.S. government science information, including research and development (R&D) results from 17 organizations within 13 federal science agencies. The sites offer free access to over 55 scientific databases and more than 2,100 selected scientific websites.

The Science.gov website is hosted by the DOE Office of Scientific and Technical Information (OSTI), within the Department of Energy’s Office of Science. For more information, see the Science.gov Alliance press release:

- Announcing Spanish Version, Multimedia, Enhanced Search Features
- Anuncia Versión en Español, con Multimedia, Funciones de Búsqueda Mejoradas

Samantha Marquez wins 1st Place in Research at International Space Olympics

Samantha Marie Marquez, a young innovator, scientist, entrepreneur, activist and high school student won 1st Place in Research at the International Space Olympics in Russia last Oct. 23, 2012. Samantha, who has been a scientists since an early age, has developed a new process for the self-assembly of living cells in a new structure she named "Celloidosomes". Her work has been highlighted by American Scientist, she was listed in the 2012 Top 40-under-40 by Style Weekly, and is the only Hispanic ever inducted at the National Gallery of America’s Young Inventors (Young Inventors Hall of Fame). Based in Virginia, Samantha is looking for opportunities to serve the Hispanic community. If interested please contact her through NSHP.

Congratulations to Samantha for her triumph in Russia!

Hispanic physicists with money, dough, guita, lana, pasta

In spite of the funding crisis, some NSHP members have received good news lately. Carlos Trallero, from Kansas State University, was awarded two instrumentation grants (AFOSR/DURIP and NSF-MRI) worth $1.2 million to develop new ultrafast lasers sources for attosecond science. Likewise, Mario Diaz, from the University of Texas at Brownsville, received $5 millions from NSF for a CREST Program on LIGO physics.

A big congratulations to Carlos and Mario!
Two Tenure Track Position in Theoretical and Experimental Physics

The Department of Physics and Astronomy at Washington State University, located in Pullman, Washington, seeks outstanding applicants for a permanent, full-time, tenure-track positions in

1) theoretical physics at the ASSISTANT PROFESSOR level starting August 16, 2013. Applicants must have a demonstrated record of excellence in theoretical condensed matter or materials, biophysics, atomic, molecular or optical physics, computational physics, or a newly emerging field of physics.

Inquiries for the Theory Search Committee may be directed to Ms. Dodson by email at physics@wsu.edu or by telephone 509-335-9532.

2) experimental physics at the ASSISTANT PROFESSOR level starting August 16, 2013 in experimental condensed matter and fundamental materials science, which are key focus areas in the Department. Contact: Dr. Kelvin Lynn, Chair, Experimentalist Search Committee, Department of Physics and Astronomy, Washington State University, Pullman, WA 99164-2814, email: physics@wsu.edu.

Applicants should apply online at http://www.wsujobs.com. Applications must include a detailed letter of application, curriculum vitae including a publication list, a research plan, and a statement of teaching philosophy. Three letters of recommendation are required. Review of applications begins December 11, 2012.

Tenure-Track Faculty Position, Southern CT State University, New Haven, CT

Rank: Assistant/Associate Professor

Specialization(s): bio-physics or bio-nanotechnology, high-resolution imaging of biomaterials; experimentalist preferred.

Brief Description of Duties/Responsibilities: Teaching of introductory and upper-level courses for physics and other science majors, and elementary core courses for other undergraduates; mentoring majors; scholarly research with strong potential for undergraduate and master’s degree student participation; scientific interaction with departmental faculty; participation in collegial service and professional activities. The department has recently established a master’s degree program in applied physics and the successful candidate will be expected to actively participate in this endeavor [http://www.southernct.edu/physics/].

Please submit letter of interest, curriculum vitae, letter describing professional goals and statement of teaching perspective and scholarly interests. Identify at least three references with e-mail addresses and phone numbers. Send materials to Dr. Christine Broadbridge, Chairperson, Department of Physics, Southern Connecticut State University, 501 Crescent St, New Haven, CT 06515 or e-mail to: physics@southernct.edu. In order for your application to be given full consideration, all materials must be received by February 01, 2013. Position will remain open until filled.

Announcing a Workshop at CFN

The Center for Functional Nanomaterials (CFN) at Brookhaven National Laboratory (BNL) invites representatives from academia to a one-day workshop on Monday, January 7, 2013, to showcase the capabilities, resources, and expertise available at the CFN. Bring ideas for possible proposals to the workshop! Representatives from the CFN Scientific Staff will be available to conduct discussions with you regarding the feasibility of your nanoscience research ideas.

Participants in the workshop will have an opportunity to:
- Learn about how CFN’s Capabilities, Facilities, and Personnel can help solve your nanoscience research questions;
- Tour the Laboratory’s facilities and learn how to become a CFN User;
- Meet the CFN Scientific Staff and explore opportunities to work with them to solve your research problems;
- Find out about other BNL user facilities, such as the National Synchrotron Light Source, and New York Blue;

Details about the program and registration procedure can be found at: http://www.bnl.gov/oaworkshop/

Summer Research Experience for Undergraduates at Northwestern University

The Materials Research Science and Engineering Center (MRSEC) at Northwestern University invites applications for the 2013 Summer Research Experience for Undergraduates (REU) Program in materials science and engineering. Undergraduates who plan to attend a four-year U.S. institution and have completed at least two years of study are eligible to apply for the 10-week program beginning June 24, 2013. The program consists of training in experimental techniques and computational methods in materials research, seminars on the current state of research in the field, and an opportunity to work on a research project under the direction of Northwestern faculty members.

The REU program is designed to provide undergraduate students with hands-on research experience in the field of materials science and engineering. Participants will work on cutting-edge research projects in areas such as nanostructured materials, electronic materials, and advanced materials for energy applications. The program includes regular seminars and workshops on topics related to materials research, as well as opportunities to interact with other REU students and faculty members.

Applicants must submit a letter of recommendation, a statement of purpose, and a current resume. Applications must be submitted online at: http://www.mrs.nwu.edu/reu/
The Materials Research Science and Engineering Center (MRSEC) at Northwestern University offers a 9-week paid summer Research Experience for Undergraduates program during June 24 - August 23, 2013. The students are paired up with some of the leading research professors in science and engineering fields. Research areas include ceramics, polymers, nanocomposites, photonics, nanoparticles, molecular electronics and biomaterials. While there are many REU programs, the NU-MRSEC stands out in offering students an interdisciplinary research experience. Students currently pursuing an undergraduate degree in science or engineering who are US citizens or permanent residents are eligible. The program dates this year are June 24 to August 23, 2013; Applications are due Feb. 15, 2013. Participants are paid a $4500 stipend, a travel allowance, and on-campus housing is provided. For more information, please visit our website: http://www.mrsec.northwestern.edu/content/educational_programs/reu.htm.

If you have any questions, please contact Ashley Walter at mrc-reu@northwestern.edu or call 847-467-0470.

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Postdoctoral Positions at Princeton University, Department of Astrophysical Sciences

The Department of Astrophysical Sciences, Princeton University, anticipates offering a number of postdoctoral and more senior positions in theory, observation and instrumentation, including (but not limited to): the Lyman Spitzer, Jr. postdoctoral position in Astrophysics, the Joint Postdoctoral Fellowship with Carnegie Observatories and Princeton University, positions in plasma astrophysics and software development. We encourage applications from those working in all areas of astronomy and related fields.

For details on specific positions, see http://www.princeton.edu/astro/resources/job/io/index.xml. Applicants should apply via the web at: http://jobs.princeton.edu (Requisition Number: 1200528). The application should include curriculum vitae, bibliography, a description of past research and future plans, and contact information for three references. Any questions should be directed to postapp13@astro.princeton.edu. All applications received by November 15, 2012 will be fully considered, but applications will continue to be accepted until the positions are filled. Only web submissions will be considered. All applications will be considered for all postdoctoral positions available in the department, but you will be asked in the application form which positions you are interested in.