NSHP at SACNAS

Join NSHP at SACNAS October 29-31. In addition to our scientific symposia on we will be hosting Science Café: the Invisible Universe and Study Methods and Scheduling: Preparing for the GRE. And of course there is the usual SACNAS programming of scientific symposia, Conversations with a Scientist, professional development sessions (for students and faculty), posters, ... and Pachanga. NSHP will hold our Annual Meeting Thursday, October 29 from 8-9 p.m. in the Harbor Room at the Hampton Inn (across the street from the Gaylord). Much has happened this year following our re-incorporation as a 501 (3c) organization, new Board officers are being sought and a new election policy will be discussed. We are particularly interested in identifying potential Student Representatives to the Board. If you cannot attend SACNAS, then please keep an eye on your e-mail for more news and for the election later this year.

See you there!

USA Science and Engineering Festival

The NSHP will again support the USA Science and Engineering Festival (http://www.usasciencefestival.org) in Washington, DC, April 15-17. In addition to having our own table this year we will also participate with the AIP Big Top Physics exhibit with APS, AAPT, SPS and other physics societies. We are looking for students and faculty who would like to help with outreach and show off physics demos. Unfortunately, NSHP cannot help with travel costs. But if you are in the area, or can finance your own way, please consider volunteering a few hours to talk about physics to students and their families and to play with interesting demos. If you are interested, or would like to get more info please contact the NSHP Education Officer, Juan R. Burciaga (jburciag@bowdoin.edu).

Save the date!

From our Job Board

For these and other job opportunities please visit our Job Board at http://www.hispanicphysicists.org/JobBoard.html

- Bates College, Two Assistant Professors in Physics, Review begins: October 12, 2015
- Mount Holyoke College, Tenure Track Assistant Professor of Physics, Review begins: October 17, 2015. [http://www.hispanicphysicists.org/mhc0803.html](http://www.hispanicphysicists.org/mhc0803.html)
- Western Washington University, Tenure-Track Assistant Professor, Review begins: October 30, 2015. [http://www.hispanicphysicists.org/wwu0813.html](http://www.hispanicphysicists.org/wwu0813.html)
- Yale University, Experimental Astrophysics, Particle, Physics and Nuclear Physics, Deadline: Nov. 1, 2015. [http://www.hispanicphysicists.org/yale0820c.html](http://www.hispanicphysicists.org/yale0820c.html)
- University of California, Los Angeles, Faculty Position in Experimental Nuclear and Elementary Particle Physics, Review begins: November 1, 2015. [http://www.hispanicphysicists.org/ucla0901.html](http://www.hispanicphysicists.org/ucla0901.html)
- University of California, San Diego, Assistant Professor, 2015/16 - Biological Physics and Quantitative Biology, Review begins: November 1, 2015, [http://www.hispanicphysicists.org/ucsd0923c.html](http://www.hispanicphysicists.org/ucsd0923c.html)

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Santa Fe Institute - 2016 Research Experience for Undergrads

This program is of special interest to you if you’re from computer science, pure and applied mathematics, and physics. If you are looking for a chance to do independent research at SFI, we encourage you to apply — especially if you are a highly talented student who attends an institution with limited research opportunities.

**Application Period:** Sept. 1, 2015 - Jan. 4, 2016

**Who is Eligible:** Undergraduates currently enrolled in a degree program leading to a bachelor's degree. NSF funds are limited to supporting U.S. citizens and permanent residents. Women and minority students are encouraged to apply.

**Date of Program:** June 5 – August 13, 2016 (10 weeks). [www.santafe.edu](http://www.santafe.edu) or education@santafe.edu
Welcome to the 2016 APS CUWiP at UTSA/SwRI!
- The conference will be held from January 15 - 17, 2016
- APS Conferences for Undergraduate Women in Physics (CUWiP) are three-day regional conferences for undergraduate physics majors.

View our conference flyer and the national APS flyer

President's Postdoctoral Fellowship Program

Postdoc opportunity for "women and minority Ph.D. recipients". The University of California President’s Postdoctoral Fellowship Program has announced the 2016-2017 Call for Applications. The application deadline is November 1, 2015.

The President’s Postdoctoral Fellowship Program was established in 1984 to encourage outstanding women and minority Ph.D. recipients to pursue academic careers at the University of California.

AWARDS AND APPOINTMENTS. Fellowships are awarded for research conducted at any one of the University of California’s ten campuses. The award includes a salary starting at $44,500 depending on field and experience, benefits including health insurance and paid vacation/sick leave, and up to $5,000 for research-related and program travel expenses. Each award is for a minimum of 12-months and may be renewable for an additional term upon demonstration of academic/research productivity.

ELIGIBILITY. Applicants must receive a Ph.D. from an accredited university before the start of their fellowship. Successful applicants must present documents demonstrating that they are legally authorized to work in the United States without restrictions or limitations. Individuals granted deferred action status under the Deferred Action for Childhood Arrivals program are encouraged to apply. APPLICATION. Apply online at http://ppfp.ucop.edu/

DEADLINE: November 1, 2015

WOMEN AND MASTER’S DEGREES

Today, women earn significantly more master’s degrees than men, and in a diversity of fields. Nonetheless, women continue to face challenges to higher education, and remain under-represented in a number of industries. Thankfully, many schools and organizations recognize these trends and are taking steps to address them. Learn more about the state of women in graduate school, and the programs that help them succeed.

The rate of women pursuing master's degrees has been growing steadily for decades, and the trend has been even more pronounced in recent years, with women earning 50 percent more master's degrees than men in 2010.

Expert-driven guide to master's degrees for women: http://www.gograd.org/women-and-masters-degrees/
2016 WINTER CONFERENCE

POPULATIONS, EVOLUTION, AND PHYSICS

January 3-8, 2016

2016 WINTER CONFERENCE

PARTICLE PHYSICS ON THE VERGE OF ANOTHER DISCOVERY?

January 10-16, 2016

2016 WINTER CONFERENCE

DYNAMICS AND ACCRETION AT THE GALACTIC CENTER

February 7-12, 2016

TOPOLOGICAL QUANTUM MATTER: PROGRESS AND APPLICATIONS

February 15-21, 2016

THE RE-IONIZATION EPOCH: NEW INSIGHTS AND FUTURE PROSPECTS

March 6-12, 2016

ADVANCES IN QUANTUM ALGORITHMS AND COMPUTATION

March 20 - 26, 2016

PHYSICS OF DEVELOPMENT AND DISEASE

March 27 – April 1, 2016
WHO MAY BE CONSIDERED: United States Citizens, LPRs, & Foreign Nationals with approval

Through the Oak Ridge Institute for Science and Education (ORISE) this posting seeks a faculty researcher who currently holds a full-time position at a degree-granting research institution, interested in participating as part of the geologic and environmental sciences focus area research team at NETL. NETL is a multi-disciplinary, scientific and technical-oriented national laboratory. NETL’s Office of Research and Development (ORD) conducts research to evaluate environmental impacts and risk assessments associated with domestic energy resource development. Applicants for this position must demonstrate knowledge of and have experience with metagenomic sequencing and metagenomic data analysis. Access to coal industry collaborations and coal basin samples would complement existing partnerships at the NETL-Pittsburgh facility.

Familiarity with biological coal gasification, environmental microbiology of the subsurface, and bioinformatics is preferred. For more information about research ongoing in the Gasification Portfolio at NETL please visit http://www.netl.doe.gov/research/coal/energy-systems/gasification

HOW TO APPLY: Applicants should apply through the Oak Ridge Institute for Science and Education (ORISE) program. The ORISE Program provides opportunities for undergraduate students, recent graduates, graduate students, postdoctoral researchers, and faculty researchers. NETL utilizes the ORISE program to support research within NETL’s Office of Research & Development. Interested applicants should complete the online application at http://www.orau.gov/netl/, in the online application list Djuna Gulliver as your requested mentor. This will associate your application with this job posting.

The Department of Energy's (DOE) Office of Science is pleased to announce that the Office of Science Graduate Student Research (SCGSR) program is now accepting applications for the 2015 Solicitation 2. Applications are due 5:00pm ET on Tuesday December 15, 2015. Detailed information about the program, including eligibility requirements and access to the online application system, can be found at: http://science.energy.gov/wdts/scgsr/

Assistant Professor – Astrophysics - West Virginia University

West Virginia University Department of Physics and Astronomy invites applications at the Assistant Professor level for a tenure-track faculty position in the broad area of observing electromagnetic counterparts to potential gravitational-wave sources. The position requires an earned Ph.D. or equivalent degree in Physics, Astronomy, or a closely related discipline; at least one year of postdoctoral experience; demonstrated expertise in electromagnetic observations that may identify counterparts to gravitational-wave sources; and the potential for excellent teaching at the undergraduate and graduate levels. The successful candidate will have the opportunity to work as part of a multidisciplinary team of faculty at WVU and collaborating institutions focused on the observation of gravitational waves, and will be expected to develop a vigorous research program that is extramurally funded and builds effective collaborations.

To apply for this position, visit jobs.wvu.edu and navigate to the position title listed above, and submit (as a single PDF document) a letter of application, curriculum vitae, research statement, statement of teaching interests and teaching philosophy, and contact information for at least three references. Applications will be processed until the position is filled but those received by November 15, 2015 will receive full consideration. For further information, contact Dr. Duncan Lorimer, search committee chair, at Duncan.Lorimer@mail.wvu.edu.
So many awesome women and so many cool things at #APSCUWiP!! I have met rock star people and had great conversations! Yay physics!

Loving the solidarity with women physicists – we are each other’s greatest allies!

@RUCUWiP

APS Conferences for Undergraduate Women in Physics (APS CUWiP)

January 15-17 2016
Applications open September 1

Financial assistance is available.

Black Hills State University
Georgia Institute of Technology
Ohio State University
Old Dominion University/Jefferson Lab
Oregon State University
Syracuse University
University of California, San Diego
University of Texas, San Antonio
Wesleyan University

www.aps.org/link/cuwip

I can’t express how amazing it is to find a support group of women this large that get excited about the same things that you do.

@ccojohns

Photos courtesy of Rutgers, the State University of New Jersey and the University of Mississippi.
Python in Astronomy, University of Washington eScience Institute, Seattle, WA, USA, 21-25th March 2016, http://python-in-astronomy.github.io/2016/. This meeting aims to bring together researchers, Python developers, users, and educators, and will include presentations, tutorials, unconference sessions, and coding sprints. To apply, please go to the following page: http://python-in-astronomy.github.io/2016/ and follow the link to the application form. Applications should be submitted by 9th October 2015 at the latest, and we hope to let you know by mid- to late November whether you have been accepted.

Science Undergraduate Laboratory Internship (SULI) at Oak Ridge National Laboratory (ORNL)!

2016 Spring Internship Information – Apply now!!

ORNL is the largest science and energy laboratory in the Department of Energy system. Areas of research include materials, neutron sciences, energy, high-performance computing, systems biology and national security. Visit http://www.youtube.com/watch?v=NSCdUI8cayw to discover some exciting reasons why ORNL offers a great internship experience!

Benefits:

- 16 weeks (January 11 – April 29) engaged in a research project under the direction of a laboratory scientist/engineer
- Career development workshops/lab tours
- $500 per week stipend and limited travel reimbursement/housing allowance (for those who qualify)

To be eligible, you must:

- Be currently enrolled full-time at an accredited U.S. institution AND have completed at least one year as an undergraduate (at the time of application)*
- Be at least 18 years of age
- Be a U.S. Citizen or Legal Permanent Resident
- Have a minimum GPA of 3.0

*Please note – the internship requires a full-time (at least 40 hours per week) commitment onsite at ORNL in Oak Ridge, Tennessee. Some students find it reasonable to take online or evening classes during the course of the internship. Undergraduate credits obtained in high school cannot be applied to meet the minimum one-year completion requirement.

Application deadline: October 9, 2015 5:00 p.m. ET
Apply online now at http://science.energy.gov/owdts/suli/
Email sull@orau.org for questions or additional information.

www.orau.org/ornl

Administered by ORAU through the Oak Ridge Institute for Science and Education
Northeastern University invites applications from candidates for the 2016-17 Northeastern University Future Faculty Fellowship (Postdoctoral) Program. Consistent with Northeastern’s mission, vision and core values, the objectives of the Future Faculty fellowship program are:

1) to encourage and promote excellence and diversity in the pool of future faculty candidates in all disciplines at Northeastern;
2) to introduce to Northeastern’s academic community postdoctoral researchers who are considering faculty careers;
3) to enhance opportunities for academic careers for persons from diverse backgrounds who have demonstrated a commitment to an inclusive faculty and an inclusive academic experience for all students;
4) to prepare Future Faculty Fellows for possible tenure-track appointments at Northeastern;
5) to enhance the academic environment of Northeastern’s departments by providing opportunities for students and faculty to gain experience in multi-cultural, broadly diverse and inclusive work settings and research collaborations that improve the capacity of all their members.

The complete Future Faculty Fellowship description that includes eligibility, fellowship terms, and application information can be found online at: http://www.northeastern.edu/advance/faculty-recruitment/future-faculty-fellowship/

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**DOE Office of Science Graduate Student Research (SCGSR) Program**

The application period for the Office of Science Graduate Student Research (SCGSR) program is now open and will be due December 15, 2015 at 5:00pm

The goal of the Office of Science Graduate Student Research (SCGSR) program is to prepare graduate students for science, technology, engineering, or mathematics (STEM) careers critically important to the DOE Office of Science mission, by providing graduate thesis research opportunities at DOE laboratories. The SCGSR program provides supplemental awards to outstanding U.S. graduate students to pursue part of their graduate thesis research at a DOE laboratory in areas that address scientific challenges central to the Office of Science mission. The research opportunity is expected to advance the graduate students’ overall doctoral thesis while providing access to the expertise, resources, and capabilities available at the DOE laboratories. **Applicant Eligibility:** Applicants must be U.S. Citizens or Permanent Residents. They must be enrolled full-time in a Qualified Graduate Program with the Ph.D. as their degree objective. At the time of application, applicants must have obtained Ph.D. candidacy, must have established a dissertation project, and have a graduate thesis advisor. Students pursuing Ph.D.’s in the following areas are eligible to apply: physics, chemistry, material sciences, biology (non-medical), mathematics, engineering, computer or computational sciences, or specific areas of environmental sciences.

**Deadline:** December 15, 2015 **Link:** http://science.energy.gov/wdts/scgsr/

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**The Hispanic Physicist.** Published whenever there is news and the Editor has enough time. Send news, letters, congratulations, etc. to Jorge A. Lopez, jorgelopez@utep.edu. http://www.hispanicphysicists.org/.