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**Subject:** NSHP News: May 11, 2011  
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**To:** undisclosed-recipients;

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### **The Hispanic Physicist**

A news service of the National Society of Hispanic Physicists  
Please send news, congratulations, etc. to Dr. Jorge A. Lopez, [jorgelopez@utep.edu](mailto:jorgelopez@utep.edu)  
or upload job opportunities in our web site: <http://www.hispanicphysicists.org>

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- 1. 2011 Joint Annual Conference of NSBP/NSHP, Sept. 21-24, 2011, Austin, TX**
  - 2. 2011 LANSCE Neutron Scattering School, July 12-22, Los Alamos New Mexico.**
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#### **1. 2011 Joint Annual Conference of NSBP/NSHP, Sept. 21-24, 2011, Austin, TX**

I am extremely excited to announce that the 2011 Joint Annual Conference of NSBP and NSHP will be held Sept. 21-24 at the Renaissance Hotel in Austin, TX!!! The meeting will be sponsored by the National Science Foundation (NSF), the University of Texas at Austin, and the Southeastern University Research Association (SURA). Please mark your calendars! This is an exceptionally good meeting for students to attend. Students can present posters or oral presentations, attend professional development sessions, scientific sessions, network with fellow students and with faculty. Faculty, this is the unique opportunity to meet with nearly three hundred predominantly minority physics students.

We are in need of several volunteers. We have sufficient resources to hold a quality meeting, but every dollar we can raise can be used to further enhance the meeting. We need volunteers to serve on a fund raising committee to solicit funds particularly from private industry. The time is short so we need a publicity committee to get the message out to ensure that we reach all who might be interested. We also need volunteers to serve on this committee. Please step up, it is important for our students that we make this the best meeting possible.

Your Past-Pres., Dave

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#### **2. 2011 LANSCE Neutron Scattering School, July 12-22, Los Alamos New Mexico.**

The LANSCE Neutron Scattering Schools are focused on topics at the forefront of current research directions. The 2011 school will introduce a variety of neutron scattering techniques and demonstrate how they compliment other analytical methods in relation to energy and environmental issues.

Experts will present contemporary research on materials related to energy and environmental issues. Afternoons will be devoted to hands-on exercises in neutron scattering data analysis such as: small-angle scattering, reflectometry, powder diffraction, pair distribution function analysis, neutron vibrational spectroscopy and radiography.

We strongly encourage your post-docs, graduate students and outstanding undergraduate students interested in Neutron Scattering to apply.

Please visit our site for full details on the application process and travel reimbursements.  
<http://lansce.lanl.gov/neutronschool/>

You may also contact us directly: [neutronschool@lanl.gov](mailto:neutronschool@lanl.gov)

Feel free to forward this email to anyone you believe would be a strong candidate for this year's school.

Best regards,  
Elena

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### **3. 2011 SACNAS NATIONAL CONFERENCE, SUBMIT AN ABSTRACT**

Abstract submissions: April 14 - May 12, 2011

We invite undergraduates, graduate students and postdocs to submit an abstract for a chance to present their research at a national scientific conference.

This is a great opportunity to receive one-on-one mentoring from renowned scientists across the nation. Go to <http://sacnas.org/events/national-conf/student-postdoc-research-presentations?> for more details.

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### **4. Nominate candidates for APS' FIP positions**

The Executive Committee of the Forum on International Physics consists of 13 voting members. The following positions become vacant beginning January 2012:

- 1) Vice-Chair
- 2) Two Members-at-Large

The purpose of this message is to invite you to nominate candidates for these positions. If you wish to review the current make up of the FIP Executive Committee, please go to:

<http://units.aps.org/units/fip/>

Noemie Koller, Past Chair of the Executive Committee, serves as Chair of the Nominating Committee. Submit nominations directly to her ([nkoller@physics.rutgers.edu](mailto:nkoller@physics.rutgers.edu)). Nominations will close on July 15, 2011.

Nominators: please verify that the nominee has agreed to be a candidate before you send in the nomination. WE URGE YOU TO USE THE FORM BELOW (also posted on the FIP web site).

The new Executive Committee members will be expected to participate in the activities of the FIP. Chief among these is the annual meeting of the Executive Committee - usually held in conjunction with the APS March or April Meetings. If you or your nominee have any questions regarding FIP and the election process, please contact me (734-647-1834; [nmirkin@umich.edu](mailto:nmirkin@umich.edu)).

The Nominating Committee will identify the candidates from the list of nominees, and you will then have an opportunity to vote your preference.

Get involved!!

Noemi Mirkin  
Secretary/Treasurer FIP

For further information concerning the Bylaws and duties of Forum Officers, see the FIP web site accessible from the Membership link on the APS web site or <http://www.aps.org/units/fip/governance/bylaws.cfm>

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## **5. Report: Under-Represented Minorities in High School Physics**

Under-Represented Minorities in High School Physics examines high school physics-taking by race and ethnicity. Highlights include:

- 1) Physics-taking among Blacks and Hispanics is up to ~25%.
- 2) Physics-taking among Blacks and Hispanics lags that for Asians and Whites.
- 3) These differences are likely driven more by socioeconomic factors than by race.

You can access this report, and all of the high school reports, at

<http://www.aip.org/statistics/trends/hstrends.html>

If you have any questions or comments, please let me know. I hope you find these data helpful and interesting.

Best,

Susan White  
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## **6. PhysTEC Conference, May 23-24, Austin, TX**

2011 PhysTEC Conference  
May 23-24 in Austin, TX  
<http://www.ptec.org/conferences/2011/>

The 2011 Physics Teacher Education Coalition (PhysTEC) Conference is the nation's largest meeting dedicated to physics teacher education. It features workshops, panel discussions and presentations by national leaders, as well as excellent networking opportunities. This year's conference will focus on Sustainability for Teacher Education Programs and will be held in conjunction with the UTeach Institute Annual Conference.

2011 UTeach Institute-NMSI Conference  
<http://uteach-institute.org/conference/detail/2011-conference/>

The UTeach Institute-NMSI Conference will be held May 24-26, 2011 at the same venue. This conference is focused on replication of the UTeach model developed at UT-Austin for educating more highly-qualified math and science teachers.

Joint Plenary Session: Carl Wieman

The joint plenary session will feature Dr. Carl Wieman, Associate Director for Science, White House Office of Science and Technology Policy, and 2001 Nobel Prize winner in Physics.

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## **7. RIT's 9th ANNUAL FUTURE FACULTY CAREER EXPLORATION PROGRAM**

The annual FFCEP is an all-expense-paid opportunity for minority Ph.D. and MFA students or individuals involved in a Post Doctoral assignment to visit Rochester Institute of Technology (RIT) and Rochester, NY for a weekend. We also welcome applications from junior faculty and those who have completed their degree. This program enables diverse prospects interested in teaching to explore potential faculty career choices through exploratory interviews; formal presentations; meetings with deans, department heads, and RIT president; along with campus and community tours. The Future Faculty Program allows RIT deans to engage prospects in discussions about their academic work and career interests. It allows faculty to share RIT's teaching and research agenda and to dialog on current open faculty positions or those that may be available in the near future.

Criteria:

- § Able to contribute in a meaningful way to the university's continuing commitment to cultural diversity, pluralism, and individual differences. We are especially interested in applications from people of color that are underrepresented in teaching professions, i.e., African-American, Latin American, American Indian or Alaskan Native.
- § Within one year of receiving or already completed Ph.D., MFA, or Post Doctoral assignment
- § Desire academic teaching career at an exceptional teaching institution that also has a research focus
- § Receiving degrees in disciplines offered at RIT; i.e., math, sciences, engineering, technologies, business liberal arts, fine art, computing sciences complete list of programs<<http://www.rit.edu/programs-level.html>>
- § Demonstrate potential to fill open and/or anticipated vacancies
- § Able to travel to Rochester, NY September 28-October 2, 2011

Application deadline is June 1, 2011

For more information and applications visit our website at:  
[http://www.rit.edu/academicaffairs/facultyrecruitment/faculty\\_program.php](http://www.rit.edu/academicaffairs/facultyrecruitment/faculty_program.php).

Please direct any email correspondence to [faculty@rit.edu](mailto:faculty@rit.edu)<<mailto:faculty@rit.edu>> or telephone 585-475-5775.

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## **8. Webcasts from 4th IUPAP Intl Conference on Women in Physics available online**

Webcasts of sessions from the 4th IUPAP International Conference on Women in Physics, held in Stellenbosch, South Africa, 5-8 April, 2011, are now available online:

Tuesday, April 5:  
<http://physics.yale.edu/icwip4-tuesday-april-5-2011>

Wednesday, April 6:  
<http://physics.yale.edu/icwip4-wednesday-april-6-2011>

Thursday, April 7:  
<http://physics.yale.edu/icwip4-thursday-april-7-2011>

Friday, April 8:  
<http://physics.yale.edu/icwip4-friday-april-8-2011>

These webcasts are not yet complete, due to the tragic loss on April 13 of our colleague, Michele Dufault [<http://physics.yale.edu/memori-am-michele-dufault-yc2011-astronomy-physics>], a Yale senior and astrophysics major who was editing and posting the webcasts in New Haven. It is our intention to complete her work, and we dedicate our further efforts on behalf of women in physics to Michele, who had a long record of increasing the participation of women and girls in physics through the CUWP conferences [<http://www.yale.edu/spsyale/cuwpy/index.html>],

Girls' Science Investigations [<http://gsi.sites.yale.edu/>], and her steadfast support and mentoring of young women at Yale and elsewhere.

We would appreciate you making the other members of NSHP aware of the webcasts!

Emma Ideal (Yale graduate student) and Meg Urry (Chair, Yale Physics Dept) US Delegation to ICWIP 2011

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*Schumaker Professor*  
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