

# THE BIG BANG

## WEEKLY NEWSLETTER FOR THE DEPARTMENT OF PHYSICS, HAMPTON UNIVERSITY

No. 9 Submit information to [jan.mangana@hamptonu.edu](mailto:jan.mangana@hamptonu.edu) and type THE BIG BANG in the subject line MARCH 31, 2008

### ANNOUNCEMENTS

#### Student Accomplishments:

**Lisa Barnes and Leigh Peterson**, juniors, are returning to MIT for their second summer in the UnIPHY/MIT REU program. Each will receive a \$4400 stipend for the 8-week program. Their research is in the area of nuclear/high energy physics. HU Adjuncts, Dr. Rolfe Ent and Dr. Antje Bruell, both with Jlab, will be involved as advisors.

**Lisa Brodsky**, sophomore, has been accepted to a summer research program, SURE, in nanotechnology at University of Massachusetts at Amherst for 10 weeks. She will receive a stipend of \$3400.

**Jeremy Tacey**, sophomore, will be off to Geneva, Switzerland for a 10-week summer REU program in particle physics at CERN. He will receive a daily stipend, plus a \$2500 stipend for the program. Check it out at [www.cern.ch](http://www.cern.ch).

**Lauren Lott**, senior, has been awarded the Virginia Air and Space Consortium Grant for AY 2008-09 and with that, comes a funded summer internship. DAPS (Department of Atmospheric and Planetary Sciences) Chair, Bill Paterson will be her research advisor.

**Leslie Upton**, graduating senior, has been accepted to the North East Alliance for the Graduate Education and the Professoriate (NEAGEP) program at the University of Massachusetts at Amherst being this summer and continuing through academic year 2008-09.

#### Undergraduate Seminar Class

The speaker for class on Thursday, April 3, will be Dr. Demetrius Venable, Professor of Physics, Howard University, Washington, DC. Refreshments will be served.

**HU Rising Sophomore Summer Institute** participants: Kyle Howard, Matthew Hamed, Siai-Anne Roberts. and Shawna Jones.

#### High School Day is Friday, April 4<sup>th</sup>.

Approximately 4,000 high school students will attend the HU High School Day event. Physics will be setting up its booth in the Student Union Ball Room at 9:00 a.m. and the "show" begins at 10:30. Undergraduates who have a free hour during the morning are asked to help at the booth whenever possible, or meet in Olin at 9:00 a.m.

### REMINDERS

#### Annual Fund

All contributions made by physics faculty to the Annual Fund will be used to renovate the Reading Room (Olin 518). Please see Dr. Temple before submitting in order to ensure that it will be earmarked for physics.

**Pre-registration** – Last day April 11! You must pre-register or you will be **charged \$100.00**. No exceptions! Graduate students see Dr. Whitney for pin numbers, undergraduates see Dr. Temple, with your updated *Matriculation Forms*.

**ΣΠΣ Induction Ceremony:** Tuesday, April 8, at 6 p.m. Faculty and graduate students are encouraged to attend the **Sigma Pi Sigma Induction Ceremony** to be held in the Marine Science Center Conference Room (location changed). Coming from Washington DC, AIP's **Dr. Gary White**, Director, Society of Physics Students & Sigma Pi Sigma, will be the speaker. Undergraduates are required to attend.

#### FYI

#### Rockets with Dr. T.

Please email [jan.mangana@hamptonu.edu](mailto:jan.mangana@hamptonu.edu) if you would like to build a rocket this spring.



#### FREE-CYCLE (Call 727-5277 for information on the items.)

<i>stuff you have and don't want</i>	<i>stuff you want and don't have</i>
<i>Ceiling fan (new)</i>	<i>Wood desk</i>
<i>Bathroom fixtures(new)</i>	<i>Bicycle</i>

**March Birthdays** (apologies for omitting you in March)  
Kenneth McFarlane, March 7  
Lisa Brodsky, March 19

#### April Birthdays:

Rashinda Davis, April 10  
Kyle Howard, April 20

#### THOUGHT FOR THE WEEK

*"Innocence about Science is the worst crime today".*

~~~Sir Charles Percy Snow (1905-80)  
English novelist and scientist