

# THE BIG BANG

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

No. 11

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APRIL 14, 2008

### ANNOUNCEMENTS

**Carlos Velasco** will defend his Ph.D. research entitled, "Development of a Multi-Active Catheter System for In-vivo Prostate Brachytherapy" on April 17, 2008, at 4p .m. Correction: **Dr. Paul Gueye** is his research advisor.



### **Commencement Celebration:**

We are planning our traditional Department Commencement Celebration at the Emancipation Oak, on Friday, May 2, 2008, starting at noon. Faculty and staff please be prepared to make a contribution to help cover the cost of the food and the graduates' gifts as well. We have three graduating seniors, two Masters graduates and four PhDs. A \$15 contribution would be appreciated. Thank you.

For those who would like to prepare a dish and bring, please use the sign up sheet in the main office.

In addition to the other activities at the outing, there will be a model rocket launch for those who want to participate. Get your rockets built! And get out there!!

### **Senior Capstone Thesis Defenses:**

On Thursday, April 24, 2008, our three graduating seniors will each defend their Capstone Thesis in the Marine Science Conference Room (unless otherwise notified) starting at 3:00 pm. Each presentation is one-half hour long.

#### Their Titles are:

**Clarissa Freeman** - (Dr. Stan Majewski, Advisor)  
"Development and Validation of Positron Emission Tomography (PET) Marginal Imaging System"

**Ashley Jackson** - (Dr. Jose Goity, Advisor)  
"Diquark Model for Heavy Baryons"

**Leslie Upton** - (Dr. Jose Goity, Advisor)  
"Variational Methods for Hartree-Fock Equations"

### **Opportunity**

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>

If you have questions please contact Barbara Kraus at <[Barbara.Kraus@Colorado.edu](mailto:Barbara.Kraus@Colorado.edu)> or 303.492.5779.

### REMINDERS

**April 15<sup>th</sup>** is the deadline to apply for the HUGS (Hampton University Graduate Studies) program. The dates of the program are: June 2 – 20, 2008. For more information, go to [www.jlab.org/hugs](http://www.jlab.org/hugs).

**Final Exams for Degree Candidates** starts on Friday, April 25, 2008. Grades are due by May 2, at 8:00 am. for Graduate and Undergraduates. Faculty should be able to see the list of graduating students in their classes by next week. on HU-Net. The general list is available now on the HU website.

### FYI

**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>

**April Birthdays:** (need your input)

Rashinda Davis, April 10  
Kyle Howard, April 20  
Leigh Peterson, April 30

### Just for Fun

Who is this child?



### THOUGHT FOR THE WEEK

*There are 10 types of people in the world – those who understand binary and those who don't.*

Unknown