

## Math and Computer Science Department Newsletter September 2008

In this issue: some internship opportunities, a couple of upcoming conferences, some miscellaneous news, and some useful links.

### Opportunities

It's never too early to start thinking about **internships**. Here is a great opportunity for interning in Washington DC during the Fall of 2009. The Federal Aviation Administration is seeking for interns in the field of **Computer Science**, to apply online (and avoid the application fee) follow this [link](#). Not in CS, can't do it in the Fall? No problem! **The Washington Center**, a non-profit organization has many other possibilities for paid internships in DC, [here](#) you will find more info. There is usually a \$60 application fee, but for most programs this is refunded if you meet the eligibility requirements and are not accepted in the program. There is no deadline for any of their programs but applying early is a must as the selection is lengthy. If you are thinking about an internship in a government agency for next summer this is as good as it gets.

As for this semester there is an internship opportunity for CS students in Frederick, at the office of **Wells Fargo** located on Monocacy Blvd (near the Wal-Mart). Students must have completed **data structures** or be currently enrolled in data structures. The hours are flexible and the pay is **\$12** per hour. Interns will be modifying Cobol programs. No knowledge of Cobol is required but some experience programming is helpful. For more info contact [Dr. Portier](#).

Interested in **Graduate studies**? Don't forget to sign up for the GRE and subject tests, most applications require the GRE, while only some ask for subject test's scores as well. To sign up for a GRE test follow this [link](#). Are you aware that you don't have to be a graduate student in the area of your major? As a Math or Computer Science student the quantitative skills you have acquired will grant you access to many programs in different disciplines! As an example here is an interesting new program from John Hopkins University for a Master of Health Science in Bioinformatics, their ideal student is a Math major, with a CS minor, who took a couple of Biology and Chemistry classes. Check their [website](#) for more info.

Did you know that **Math majors** regularly **score higher** than any other majors in the LSAT and GMAT tests? Don't believe me [check it out](#) for yourself!

### Conferences

Have you done an interesting project in Math or Statistics that you would like to present? Or would you like to listen to others who did? On **Saturday, October 18**, at James Madison University in Harrisonburg, VA you will have that chance at the fourth **SUMS** (Shenandoah Undergraduate Mathematics and Statistics) **conference**. Registration and lunch are free and transportation will be provided by the department. Check this [website](#) for more info. Contact [Dr. Petrelli](#) if you are interested.

Maybe you have done something nice in one of your CS classes... on **Saturday, October 11**, at Hood College in Frederick you will have the chance to present it at the **CCSC** (Consortium for Computing Sciences in College) 24<sup>th</sup> annual eastern **conference**. Or you can simply go and listen to others, or better bring a couple of friends and take part in the Programming Competition (deadline to present or sign up a programming team: September 19). For more info check their [website](#) or contact [Prof. Weiss](#).

## Miscellaneous

❶ The Second Annual Math & CS Department Fall **Barbeque** will be **Monday, September 22** starting at 4:00 in the quad. Bring your appetite, any friend of the Math & CS department is welcomed!

❷ On **Saturday, September 6** from 9:00 to 12:00, the department will host a professional development **workshop** for pre-service and in-service mathematics teachers. The topic of the workshop is differentiated instruction. Anyone who is interested can contact [Dr. Melanie Butler](#).

❸ The department is organizing a new colloquium series called **Small Talk**. This is going to be a series of small and informal talks given by either students or faculty on subjects ranging from current issues in Math or Computer Science, interesting projects, internships/jobs reports from students and alumni. The talks will be held at 2:00pm on selected Fridays during the Fall 2008 semester. Some refreshments will be provided. Do you want to help or contribute a talk? Contact [Dr. Portier](#). Our first speaker **Friday, September 19** will be junior **Haley Blevins** telling us about her summer internship with SMART. On **Friday, September 26** senior **Kerri Benner** will tell us about her internship with the Office of Security and Incident Response for the Nuclear Regulatory Commission. Watch your inbox for remainders.

❹ The local chapters of the MAA (Mathematical Association of America) and the ACM (Association for Computing Machinery) are looking for new members. For more info on our chapter of the MAA contact [Dr. Butler](#) or [Erin Canning](#) for info on the ACM contact [Prof. Weiss](#) or [Megan Czajkowski](#). The clubs will also have

representatives on Wednesday September 3 at the Student Activity Fair (2:00-4:00pm, Peace Plaza).

## **Links**

Useful links: [Association for Computing Machinery](#), [American Mathematical Society](#), [American Statistical Association](#), [Society for Industrial and Applied Mathematics](#), [Mathematical Association of America](#), [Society Of Actuaries](#), [National Council of Teachers of Mathematics](#), [Pi Mu Epsilon Honor society](#)