Budapest Semesters Information Meeting

Interested in going to the Budapest Semesters in Mathematics? You are invited to hear more about this program and the new application procedures. The director, Professor Tina Garrett, will be here to talk about the program. Also on hand will be past participants to give their perspectives. We will also explain Carleton's application process (found here: apps.carleton.edu/curricular/math/resources/Budapest). To get the details on this amazing mathematical experience, come to the meeting at 4:00 pm on Tuesday, January 21, in CMC 206.

LaTeX Workshops

Crash Course in LaTeX
Tuesday, January 21, CMC 201

In one hour, learn how to write up your problem sets in LaTeX, the mathematical typesetting system.

Complex Documents in LaTeX
Thursday, January 23, CMC 201

Learn how to produce complex documents with numbered sections and equations, cross-references, and bibliographies. A must if you’re planning to write a comps paper!

Math and Statistics Summer Research Panel

Are you looking for a way to do mathematics and/or statistics this summer? And maybe even get paid to do so? On Thursday, January 23 at noon, a half-dozen of your fellow math and math/stats majors who managed this very trick last summer will gather in CMC 206 to talk about their experiences. The department will provide pizza; your colleagues will provide valuable advice and information about REUs and other summer programs.

Career and Summer Opportunities:

Winthrop University will be hosting an REU program, Bridging Applied and Theoretical Mathematics, from May 28 through July 25. This summer's research themes are "Interactions between differential equations and cancer biology" and "Interactions between algebraic geometry, combinatorics and phylogenetics." Applications are due February 28. For more info, visit www.birdnest.org/wureu.

In the next few months, Green Corps will be accepting applications for 35 college graduates to join their yearlong paid program for 2014 - 2015. In this program, participants will gain hands-on experience fighting to solve urgent environmental problems. The early winter application deadline is January 24. For info, visit www.greencorps.org/findoutmore.
The U.S. Census Bureau has several employment and summer opportunities in the Washington, DC area for candidates with mathematics and statistics backgrounds. If interested, visit: www.census.gov or email jobs@census.gov.

The New York Fed undergraduate summer analyst program provides undergraduate students with the opportunity to gain work experience in public service at the Federal Reserve Bank of New York. Strong candidates will come from economics, math, or computer science backgrounds, and will have previous research experience. Applications are being accepted on a rolling basis. For more info, visit www.newyorkfed.org/careers/summerintern.html.

Oregon State University’s 8-week long REU includes a $3,000 stipend, travel and housing allowance, and tuition and fees for a 12-credit senior level course. Computer experimentation and rigorous proofs are emphasized in this pure and applied mathematics REU. Applications are due February 19. For more info, visit www.math.oregonstate.edu/~math_reu/.

Ohio Wesleyan University’s 10-week long REU program in scientific computation includes projects in astronomy, computer science, mathematics, neuroscience, and physics. Review of applications begin on March 3. For more information, visit http://reu.owu.edu.

**PROBLEM OF THE WEEK**

Andrew is in Baltimore this week for a conference, so the Problem of the Week is on hiatus. Look for a new problem (and an acknowledgment of solutions) next week!

**Plus Magazine**

Looking for some fun and interesting readings related to math? Plus is an Internet magazine, which aims to introduce readers to recent news articles related to math. Here’s a snippet of a recent article:

Up for a challenge? Recently, a strange manuscript, intended as a chapter in Robinson Crusoe's famous Journal, has come into possession. This missing chapter seems to have many perplexing mathematical references, and has been introduced to the mathematics community to be detected and decoded! If you're interested in reading the chapter and contributing your thoughts, find the full text at: plus.maths.org/content/mathematical-man-friday. Whomever submits the most complete list of mathematical references to the website by January 31 will win a copy of Martin Gardner's autobiography, Undiluted hocus-pocus.