Grad Noon 2009: Fellowships and Web Sites

Fellowships:
- **THE NSF Fellowship** The National Science Foundation gives out fellowships for graduate school. You should apply for this, because it's great if you do get one. Their website:
  http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6201
  You need to be a US citizen or national, or permanent resident alien. You apply on line, and it does take time. You can start the application process by getting a password and all that even if you’re not totally ready to submit everything. You need to get letters from faculty, and they also have to submit these on line, so GIVE THEM TIME. The deadline for math is **NOVEMBER 4**. In addition to filling out the application, you need to provide them with an Academic Transcript (by November 3) and at least 3 reference letters (by December 1). It is optional to submit the GRE General and Subject Test scores (due November 30). An NSF fellowship is worth $30,000 per year for 3 years (spread over 5 years) plus $10,500 for your tuition. You can also get some travel money on top of that.
- There are lots of other fellowships out there. The NSF web site has links to some. The American Math Society (AMS) publishes a list of fellowships and scholarships which you can download from their site:
  http://www.ams.org/employment/undergrad.html
  The American Math Society’s page also has a lot of other links to information about graduate programs and employment data.
- There are some very specialized, but GREAT, fellowships out there. The career and development office should have some advice on local programs. There are also some good databases out there in cyberspace. Cornell University has one, for example:
  http://cuinfo.cornell.edu/Student/GRFN/

A Sampling of Fellowships
- **DOE Computational Science Fellowship:** for studies in anything computational. The deadline is in January.  http://www2.krellinst.org/csgf/index.shtml
- **Ford Foundation** Predoctoral and Doctoral Fellowships: for minorities. The deadline is in early November.  http://sites.nationalacademies.org/PFA/FordFellowships/index.htm
- **Hertz Fellowships**: for US citizens or permanent residents who are outstanding young people pursuing a PhD degree in the applied physical, biological, and engineering sciences with the freedom to innovate and explore their genius in collaboration with leading professors in the field. The award is based on merit (not need) and consists of a cost-of-education allowance and a personal-support stipend. From $31,000-$36,000/9-month stipends.  http://www.hertzfoundation.org/dx/fellowships/award.aspx
- **NASA Graduate Student Researchers Program**: for US citizens already accepted or enrolled in a graduate program. Applicants must have a Faculty Adviser. The deadline is early February.  http://www.dfrc.nasa.gov/Education/Students/Research/gsrp.html
- **Paul and Daisy Soros Fellowships** for New Americans: for resident aliens (have a green card), or naturalized US citizens, or people with two parents who are both naturalized citizens. The deadline is November 1, 2009.  http://www.pdsoros.org/
- **Homeland Security Graduate Fellowships**: for US citizens starting in their first year of graduate school. You need at least a 3.3 GPA as an undergraduate, and you can’t have an outstanding active military service. They pay full tuition, and mandatory, nonrefundable fees plus $2,300/month for 12 months up to three years. This year’s deadlines are past, but last year the application was due in January.  http://www.orau.gov/dhsed/2009pages/fellowship.html
- **NPSC Graduate Fellowships**: National Physical Science Consortium welcomes all qualified students with emphasis on the recruitment of ‘historically underrepresented minorities and females.’ Students typically apply while seniors in college. Initial support may be for two or three years, or for a full six years. Deadline in early November.  http://www.npsc.org/
- **Overseas fellowships**: Churchill, Marshall, and gates Fellowships to Cambridge University, Rhodes Scholarships to Oxford University, Fulbright Fellowships to any overseas university.
- **AAUW Dissertation Fellowships**: American Association of University Women. These fellowships are to support women doctoral candidates who are completing dissertations or scholars seeking funds for postdoctoral research leave from accredited institutions. Worth mentioning now though. Currently $20,000-$30,000. [Link](http://www.aauw.org/fga/fellowships_grants/american.cfm)
- **NDSEG Graduate Fellowships**: National Defense Science and Engineering. The DoD plans to award approximately 200 new three-year graduate fellowships in April 2010, subject to availability of funds. They will be offered to individuals who have demonstrated ability and special aptitude for advanced training in science and engineering. Deadline is January 4, 2010. [Link](http://www.asee.org/ndseg/)
- **Watson Fellowships**: A one year grant for independent study and travel outside the US awarded to graduating college seniors nominated by participating institutions. Deadline Nov. 4, 2009. $25,000 stipend. [Link](http://www.watsonfellowship.org/site/index.html)
- **AT&T Labs Fellowships**: A 3-year award for outstanding women and minorities who are U.S. Citizens or Permanent Residents pursuing PhD studies in computer and communications-related fields. Deadline Jan. 31, 2010. Stipend of $23,800 plus $500 for books. [Link](http://www.research.att.com/internships)
- **NSERC Graduate Fellowships**: National Sciences and Engineering Research Council of Canada. Various grants ranging from $17,300 - $35,000 a year for up to three years (for Canadian citizens, can study in U.S.). Deadline October 15, 2009. [Link](http://www.nserc-crsng.gc.ca/Students-Etudiants/PG-CS/BellandPostgrad-BelletSuperieures_eng.asp)
- **Knowles Science Teaching Fellowships**: For individuals committed to teaching high school mathematics, physical sciences or biological sciences. Valued at nearly $150,000 over the course of the five-year Fellowship. Fellows receive tuition assistance while participating in a teacher credentialing program, monthly stipends, and grants for professional development and teaching materials. A research fellowship is also available. Deadline Jan. 13, 2010. [Link](http://www.kstf.org/)

**Other potentially useful sites, particularly for choosing schools:**

http://www.math.gatech.edu/~lacey/ump/advising/grad/applying.htm
- A professor at Georgia Tech has put together a slide show and has good info.
http://www.gradschools.com/listings/menus/mathematics_menu.html
- From gradschools.com - you can click on the map if geography is important.
http://www.phds.org/rankings/
- PhDs.org has ranked lists - you can design your own preference weightings.
http://www.sburniv.edu/career_services/helpfullinks_graduate_schools.htm
- This site has links to departments divided into categories so it's good if you're interested in some particular interdisciplinary program.
http://www.sci.csueastbay.edu/~mwatnik/statlist/
- This site has a list of graduate programs in Statistics and closely-related fields, plus links to other sites with similar lists.
http://www.maa.org/students/choose_gradsch.html
- This site, sponsored by the MAA (Mathematical Association of America) has advice from people about choosing a graduate program.
http://lib.stat.cmu.edu/modules.php?op=modload&name=Web_Links&file=index
- An index of statistics programs as well as other useful statistics links, maintained by Carnegie Mellon.
http://www.informs.org/index.php?c=742&kat=ORMS+Programs+in+the+US+by+Type+of+Program&p=
The Institute for Operations Research and Management Science maintains this list of graduate programs in operations research.