



Pi Mu Epsilon

& GAMECOCK MATH CLUB

Undergraduate Mathematical Research Information Night

Research Experiences for Undergraduates (REU)
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Several current USC undergraduates have partaken in REU's. They will talk about their REU experience as well as give advice, from their personal experience, about finding and choosing an REU. The following students will speak.

- Cole Franks. William and Mary (2010) and CSUSB (2011)
- Daniel Grier. Univ. of Illinois (2010) and Auburn (2011)
- Reid Harris. University of Utah (2011)
- Kim Selsor. Michigan State (2011)

Several other Gamecocks still around the halls of LeConte have done REU but cannot make it tonight. Here is a partial (i.e., those I am aware of) list.

- Prof. Boylan. Oregon State (1998)
- Robin Neumayer. UNC-Asheville (2010) and Cornell (2011)
- Danny Rorabaugh. Univ. of Arizona (2009)

Here are some other Gamecocks who did REU and have moved beyond LeConte.

- 2010: Jim Manning (Rutgers)
- 2009: Hudson Harper (Mount Holyoke) and Jim Manning (Univ. of Illinois)

For information about REU's, see the PME/GMC's REU info sheet at

<http://www.math.sc.edu/~pme/year/2011-12/11fREUinfosheet.pdf> .

Internships

Several current USC undergraduate and graduate students have partaken in some neat internships. They will talk about their internship experience as well as give advice, from their personal experience, about finding and choosing an internship. The following students will speak.

- Travis Johnston (graduate student). He interned at the NSA for their MSEP program (Mathematics Summer Employment Program) which is essentially identical to the Director's Summer Program (they worked with some of the students in that program). Link:
http://www.nsa.gov/careers/opportunities_4_u/students/undergraduate/msep.shtml
- Richard Voepel (undergrad). He has interned at the Charleston Defense Contractors Association (2010) and the NSA Director's Summer Program (2011). Some links:
 - <http://www.charlestondca.org/> (CDCA)
 - http://www.nsa.gov/careers/opportunities_4_u/students/undergraduate/dsp.shtml (NSA-DSP)

Taylor Jones, a current undergrad who did an internship, cannot make it tonight so he sent a note.

Hi everyone! My name is Taylor Jones and I'm a Junior Applied Math major and I'd like to share with you a little about the summer internship I had after my freshman year at Hawkes Learning Systems in Charleston. Hawkes makes textbooks and software for a variety of math courses which are used at schools throughout the US. There are 2 main job types that I think would be of great interest to you as a math major. First and foremost, you could be, like I was, a product development intern— you edit and proof math textbooks, test the software looking for bugs (really trying to break it), design new problem types, basically anything in connection with research and development for the books. To be successful at this, you probably should take through at least vector calc, and have a good knowledge of computers (not necessarily programming). If you are, however, interested in the programming route, they always are looking for interns in that arena as well. The company's main office is now in Mt. Pleasant and they pay (when I was there, at least) \$11/hr and if you live out of town, they help you out with some good housing arrangements. If you're interested, just go to their website www.hawkeslearning.com and you can get the info to submit your resume.

If you have any questions about the job, you can also e-mail me directly at jonestf@email.sc.edu

Magellan Scholar

USC Prof. Cooper has directed many Magellan Scholars, who conducted math research under his direction. He will talk about the Magellan Scholarship program. More info on this program can be found at

<http://www.sc.edu/our/magellan.shtml> .

USC Career Center

The USC Career Center offers help in finding an internship. They might send someone by to explain. Two helpful websites are below.

- <http://www.sc.edu/career/internships.html> (Look For Internships)
- <http://www.sc.edu/career/cip/students.htm> (Community Internship Program)

PME/GMC hopes this info is helpful. Let a Faculty Advisors know what you think and how to help further. Thanks.