Department of Computer and Information Sciences

Presents

Next Generation Networking Technologies
NSF Summer Research Experience for Undergraduates (REU)

Research projects in the areas of:

- **Mobile computing**
  - Health monitoring applications using mobile phones
  - Energy saving techniques for phones
  - Content distribution in delay tolerant and social networks using phones

- **Wireless communication**
  - Video streaming in wireless networks
  - Network coding in Wireless LAN
  - User access in cognitive radio networks

- **Cloud computing**
  - Comparing cloud and cluster computing
  - Cloud monitoring and accounting
  - Improving data backups in cloud computing

Program Overview

Funded by National Science Foundation (NSF) and Department of Defense (DoD)
8 Week paid program May 27th to July 15th - $4000 Stipend
Travel, housing and meals will be provided as necessary
Open to Sophomore, Junior & Seniors in Computer Related majors. Students in Math, Physics or Engineering are also encouraged to apply
3.0 GPA or better
US Citizen or Permanent Residency is required

Come Spend the Summer in Philadelphia!
Visit the City of Brotherly Love – Experience the arts, music, and culture of the nation’s 6th largest city
Events to many of the historic sites in Philadelphia and the area
Exposure to World Class research faculty and facilities

**Deadline to apply – March 15th 2012**

Committed to encouraging applicants who are also members of a group underrepresented in computing (e.g., women, African Americans, Hispanics, American Indians, Pacific Islanders) or who are enrolled in a minority, women's, or non-doctoral institution

For More information Contact:

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To complete an application visit:
http://www.cis.temple.edu/~cctan/REUapply.html