



# NetSci High

## *Network Science for the Next Generation*

### **Calling High School Teachers and Students...**

Boston University, New York Hall of Science, and Binghamton University are pleased to announce Network Science for the Next Generation, known as “NetSci High.” This program will provide extensive opportunities for high school students to engage in year-round cutting-edge science research in the exciting field of network science as well as follow-on potential for industry internships.

An growing area of research applies network science, including cyberinfrastructures and computational and database approaches, to solve some of the most complex problems facing our society today. This shift in research with its extensive reliance on information technology tools and datasets, requires a corresponding shift in the education community that helps prepare the next generation workforce.

We are currently accepting inquiries for participation for high school teacher mentors and teams of high school students from Boston and New York.

The program consists of:

- A kickoff workshop held at Boston University from **August 21 - 25, 2012**, with free room and board and travel. The workshop will introduce high school students and teachers to concepts and tools of network science and provide time for project planning between high school student/teacher teams and graduate student lab/research mentors.
- Year-round research performed locally in a team setting at school and also periodically in partnered lab mentored by a graduate student, teacher mentor and project staff.
- An end-of-year, June 2013, project conference and opportunities for Summer 2013 research and industry internships.

Participation in the program provides stipend compensation:

High school students: \$125 for the August 21-25, 2012 workshop and \$250 for 2012-13 academic year participation, plus opportunity for a paid internship for Summer 2013.

High school teacher mentors: \$500 for the summer workshop and \$2000 for academic year mentoring.

Application deadline is **June 15, 2012**

To inquire about participating and for more information, visit: [www.bu.edu/networks/](http://www.bu.edu/networks/)

Or contact Paul Trunfio at [trunfio@bu.edu](mailto:trunfio@bu.edu)