



# NetSci High

## *Network Science for the Next Generation*

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

We are pleased to announce the second year of Network Science for the Next Generation, known as “NetSciHigh,” which will provide extensive opportunities for high school students to engage in year-round cutting-edge science research and industry internships.

An exciting new 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 of STEM workforce.

We are currently accepting applications for high school teacher mentors and teams of high school students.

The program consists of:

- A kickoff week-long summer workshop held at Boston University in late July 2013, which includes free room, 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 the student’s home school, as well as periodically in a partnered lab setting, all mentored by a graduate student, teacher mentor and project staff.
- An end-of-year project conference and opportunities for Summer 2014 research and industry internships.

Participation in the program provides stipend compensation:

High school students: \$250 for the summer workshop and \$500 for 2013-14 academic year participation, plus opportunity for a paid internship for Summer 2014.

High school teachers: \$2000 for the summer workshop and \$2000 for academic year mentoring.

The application deadline will be in early June.

For more information, please visit: <http://www.bu.edu/networks/>

Or contact Paul Trunfio at [trunfio@bu.edu](mailto:trunfio@bu.edu) or 617-353-9041