

Research Experiences for Undergraduates

Integrated Software Radio and Radio Frequency Test Bed

- Ten-week summer research (May 24 – July 30, 2010)
- Wireless research using software defined radio, RF transceivers, and simulation software
- Site visits, seminars, and student presentations
- Recreational activities, 10 minute train to New York City
- \$4,500 stipend, plus travel allowance and campus housing (overlooking Manhattan)

Apply online:

<http://www.stevens.edu/wireless/reu/>
(Application deadline: March 31, 2010)

Eligibility:

- Fall 2010 undergraduates who are US citizens or permanent residents
- Minority and female candidates are strongly encouraged to apply
- Electrical engineering, computer engineering or computer science majors are welcome to apply

Sample projects:

- Design and development of software defined radio
- FPGA/VDHL design for software designed radio
- Multi-band RF transceiver development
- Interactive performance evaluation of wireless communications systems

