

## **Call for Applications: Research Experiences for Undergraduates in Multifunctional Materials**

**Grantor:** West Virginia University

**Closes:** 2/17/2012

**Maximum:** \$5,000.00

Call for Applications: Research Experiences for Undergraduates in Multifunctional Materials

Review of completed applications will begin on February 17, 2012

May 21-July 27 2012, in Morgantown, West Virginia

We offer a unique summer research experience for undergraduate students in science, engineering, or mathematics disciplines. The program is funded by the National Science Foundation and WVNano, the West Virginia state initiative for nanoscience and nanotechnology research.

Cutting-edge multidisciplinary nanoscience undergraduate research programs in:

- Photonics
- Molecular Electronics and Electronic Transduction
- Multifunctional Heterostructures
- Nano and Microfluidics
- Nanokinematics
- Spintronics and Magnetism

### Eligibility

To be eligible for the WVNano-REU program, you must

Be a U.S. citizen or permanent resident

Be a rising sophomore, junior, or senior (i.e., must have at least finished freshman year by end of the 2011-2012 school year)

Have a minimum of 2.75 GPA in college science, math, and engineering courses

Participants will receive:

Free room and board at West Virginia University

\$5,000/summer stipend

Travel allowance

Field trips to National Laboratories and Research Facilities

Team-building activities (rock climbing, ropes course, whitewater rafting, etc.)

The program will be held on the campus of West Virginia University, located in Morgantown, WV. Morgantown is surrounded by numerous state parks, beautiful mountains, rivers, and lakes, and is located only 80 miles south of Pittsburgh, PA and 200 miles east of Washington, D.C. The summer months in West Virginia offer unparalleled opportunities for biking, hiking, backpacking, rock climbing, whitewater rafting and back country trail hiking.

**Link:** <http://wvnano.wvu.edu/reu/>