To learn more

About NIST:
www.nist.gov

About SURF and research opportunities:
www.nist.gov/surfgaithersburg

About the area:
www.washington.org
www.visitmontgomery.com

Get a SURF application:
Go to: wwww.nist.gov/surfgaithersburg

Write: NIST SURF Program
100 Bureau Dr., Stop 8400
Gaithersburg, MD 20899-8499

Call: 1 301 975 4200

E-mail: NIST_SURF_program@nist.gov

Watch the SURF video:
www.youtube.com/watch?v=fb3mETtSGy0

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2 - Barry Gardner

October 2010

SURF

summer
undergraduate
research
fellowship

Setting a course toward a career in Science or Engineering ?

NIST
National Institute of Standards and Technology
U.S. Department of Commerce

Hang 10 in the laboratory

Curious about physics, electronics, manufacturing, chemistry, materials science, or structural engineering? Intrigued by nanotechnology, fire research, information technology, or robotics? Tickled by biotechnology or biometrics? Have an intellectual fancy for superconductors or, perhaps, semiconductors?

Here's your chance to satisfy that curiosity. By spending part of your summer working elbow to elbow with researchers at the National Institute of Standards and Technology, one of the world's leading research organizations and home to three Nobel Prize winners. Gain valuable hands-on experience, work with cutting-edge technology, meet peers from across the nation (from San Francisco to Puerto Rico and from New York to New Mexico), sample the Washington, DC, area. And, no kidding, get paid while you're learning.

See which way the wind blows

...go SURFing at NIST

About SURF

Since it began in 1993, the Summer Undergraduate Research Fellowship program at NIST has been receiving rave reviews from participants. The program is co-sponsored by NIST and the National Science Foundation, federal agencies committed to attracting and training future generations of scientists and engineers.

"I've met people that probably will be my friends for life"

SURF students work for 11 weeks, contributing to an ongoing research project under the guidance of a NIST scientist or engineer from one of the Institute's six laboratories (Physical Measurement, Material Measurement, Engineering, Information Technology, Center for Nanoscale Science and Technology, and NIST Center for Neutron Research). In addition, a summer-long lecture series exposes SURFers to a sampling of diverse research topics, presented in ways to pique interest.

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Located 40 kilometers (25 miles) north of downtown Washington, DC, NIST's Gaithersburg, MD, campus is only a subway ride away from the nation's capital.

The Washington Metropolitan area is rich in cultural and recreational opportunities including theaters, movies, restaurants, evening entertainment, historical and cultural sites, museums, shopping, and many local universities. The Blue Ridge Mountains are only 90 minutes away. Social activities are part of the program.

"This has been the most meaningful summer of my life"

The Details

Number of Awards: SURF is a competitive program. Applications are ranked and reviewed. About 100 fellowships are awarded each year.

Student Eligibility: Applicants should be undergraduate students with a scientific major and a G.P.A. of at least 3.0 (on a 4-point scale). Students majoring in physics, materials science, engineering, computer science, chemistry, or mathematics are encouraged to apply; research opportunities for students with majors in other disciplines may be available. Only U.S. citizens and permanent residents are eligible.

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Housing and Transportation: Housing arrangements have been made with a local apartment complex near NIST's Gaithersburg, MD, campus. SURF students share fully furnished apartments. Transportation to and from NIST is provided.

"I have a much better idea of what I want to do in the future"

Financial Support: SURF students receive a $5,000 stipend for an 11-week Research Fellowship, plus travel and housing allowances. Limited 9-week fellowships also are available. Universities are encouraged, but not required, to share in the program in such ways as providing student course credits or allowances for housing and travel.

Deadline: February 15th.