

2015 Nanotechnology Summer Internships

**Research Experience
For Undergraduates Program**

Explore exciting interdisciplinary opportunities in
Nanoscience and Nanotechnology
at a leading university research center

Quantum Structures
Nanofabrication Processes
Nanoscale Solid State Physics
Chemistry at the Nanoscale



Physics
Chemistry
Engineering
BioSciences

Nanobiotechnology
Nano and Microelectronics
Optics and Optoelectronics
Nano and Micromechanics



Participating sites include:

Cornell Nanoscale Facility at Cornell
Stanford Nanofabrication Facility at Stanford
Nanotech at UC Santa Barbara
Lurie Nanofabrication Facility at U. Michigan Ann Arbor
Nanofabrication Center at U. Minnesota
Washington Nanofabrication Facility at U. Washington
Nanotechnology Research Center at Georgia Tech
Microelectronics Research Center at U. Texas Austin
Howard Nanoscale Science and Engineering Facility at Howard University
Center for Nanoscale Systems at Harvard University
Penn State Nanofabrication Facility at Penn State
Nano Research Facility at Washington University in St. Louis
Center for Solid State Electronics Research at Arizona State University
Colorado Nanofabrication Facility at University of Colorado at Boulder

Nano and Microfluidics
Nanostucture Science
Molecular Scale Structures
Self-assembled Structures



Chemical and Biological Sensors
Molecular Electronics
Polymers
Nanoparticles
Biomedical Engineering
Magnetics
Ferroelectrics
Soft-materials
Biophysics



The laboratories of the **National Nanotechnology Infrastructure Network** will conduct a joint REU program during the summer of 2015. Selected students will participate in a unique, highly coordinated research experience involving one of the many facets of nanotechnology at one of the NNIN Laboratories. Opportunities exist in all areas of the country, across a broad range of science and technology. Each project involves hands-on nanotechnology research with state-of-the-art equipment. Each student will work on an individual research project, with support from faculty, student mentors, and facility staff. At the end of the program, all participants will gather for a national research convocation on nanotechnology at Cornell University, where each student will present the results of his/her summer work. This will be the 19th summer of this highly successful program. Selection for this program is highly competitive.

Application Deadline: February 11, 2015
all application materials must be submitted online

Award Process Begins: March 12, 2015

One on-line application

Over 70 available positions

Prior research experience not required

10 Week Program

Stipend

Travel

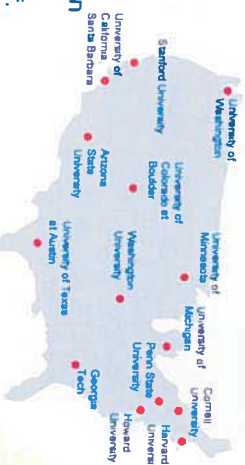
Housing

<http://www.nnin.org/reu>

Applicants must be U.S. Citizens or Permanent Residents at time of application. Minority and female candidates as well as candidates from smaller, non-research institutions are especially encouraged to apply

Minimum 3.0 GPA Required.

This particular program includes the REU programs of the listed NNIN laboratories, supported by NNIN funds. Other separate nanotechnology REU programs, not affiliated with NNIN, may also be available at each university. Applications for those programs are handled separately.



NNIN
NANOSCALE SCIENCE
ENGINEERING & TECHNOLOGY

