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Research Programs Available to Students

All nine of the NIST laboratories in Gaithersburg, MD participate in the SURF program: Building and Fire Research (BFRL), Center for Nanoscale Science and Technology (CNST), Chemical Science and Technology (CSTL), Electronics and Electrical Engineering (EEEL), Information Technology (ITL), Manufacturing Engineering (MEL), Materials Science & Engineering (MSEL), NIST Center for Neutron Research (NCNR), and Physics (PL).

	BFRL	CNST	CSTL	EEEL	ITL	MEL	MSEL NCNR	PL	Special Project
Biochemistry			X	X			X		X
Biological Sciences		X	X	X		X	X	X	X
Chemistry	X	X	X	X			X	X	X
Computer Science	X	X	X	X	X	X	X	X	X
Engineering	X	X	X	X		X	X		X
Materials Science	X	X	X	X			X	X	X
Mathematics			X		X	X	X	X	X
Physical Sciences	X	X	X			X	X	X	X
Physics	X	X		X		X	X	X	X
Statistics	X				X				X

Due to the multi-disciplinary nature of NIST's research, we encourage students to look through the different websites below to discover lots of interesting project areas. For example, a chemistry student may find project opportunities in MSEL, PL, MEL and BFRL, in addition to the logical choice of CSTL. Similar opportunities exist for those in other disciplines.

Summaries of current research opportunities exist in the following laboratories:

MSEL/NCNR	http://www.nist.gov/msel/surf.cfm
PL	http://physics.nist.gov/ResOpp/surf/surf.html
MEL	http://www.nist.gov/mel/melsurf.cfm
BFRL	http://www.bfrl.nist.gov/info/surf/surf.htm
CSTL	http://www.nist.gov/cstl/cstl_surf.cfm
EEEL	http://www.nist.gov/eeel/surf/index.cfm
ITL	http://www.itl.nist.gov/itl-SURF.html
CNST	http://www.nist.gov/cnst/cnst_surf.cfm

Examples of past research projects:

- [2007 Student Abstract Book](#)
- a list of [2007 participants, research project titles, and NIST laboratories](#)
- a list of the [2007 SURF Summer Seminars and Activities Series](#)
- [2006 Student Abstract Book](#)

- **2005 Student Abstract Book**

The NIST site in Boulder, Colorado, also operates a SURF programs with a distinctly separate application. Students are encouraged to review research opportunities in Boulder. An application for one SURF program does not constitute an application for the other.

Summer Program
at Boulder surf.boulder.nist.gov

Privacy

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