

2000 SURF Summer Seminars and Activities

May 21 Welcome and Pizza Party – Oakwood Community Center

May 22 First official “*work*” day and Open House

SURF FRIDAY SEMINAR SERIES

Refreshments provided by students before the start of each meeting

June 2 Dr. Paul D. Lett
NIST Atomic Physics Division

Laser Cooling and Trapping: Games with Atoms Near Absolute Zero

June 5 NIST Safety Orientation for Summer Students

June 9 Dr. Dennis J. Reeder
NIST Biotechnology Division

NIST Research Colloquium--Summer Seminar: Forensic Use of DNA Identification Testing

June 9 Dr. Robert D. Shull
NIST Magnetic Materials Group

Magnets for the 21st Century: Magnetic Nanocomposites

June 16 Dr. Peter Mell
NIST Computer Security Division

Hacking '99, A Year in Review

June 23 Dr. Terrell A. Vanderah
NIST Ceramics Division

Phase Equilibria, Crystal Chemistry, and Structure-Property Studies of Talking Ceramics

June 28 Tour – NIST Reactor

June 29 Tour – Dr. David Schauer, Bethesda Naval Hospital, Radiation Treatment Facilities

- June 30 Dr. Eric K. Lin
NIST Polymers Division
Soft Materials in Silicon Hardware
- July 6 Dr. Karen H. Brown
NIST Deputy Director
Opportunities for Students at NIST: A Discussion with the Deputy Director
- July 7 Dr. Theodore D. Doiron
NIST Precision Engineering Division
Length Metrology of Complimentary Small Plastic Rulers
- July 14 Dr. Judah Levine
NIST Time and Frequency Division
NIST Research Colloquium--Summer Seminar: Sending Time to the Masses
- July 14 Dr. Karl Murphy,
NIST Intelligent Systems Division
Look Ma, No Hands
- July 21 Dr. Chris Evans
NIST Automation Production Technology Division
Charters of Freedom
- July 28 Professor Stephen C. McGuire
Department of Physics, Southern University and A&M College
Investigation of Low Photon Absorption Materials for LIGO II Core Optics
- August 2 Tour - University of Maryland, College Park
Chemical Physics Department
- August 4 Dr. Matthew Davies
Automated Production Technology Division
High Speed Machining: *Measurement of the Machining Process*
- August 9-10 Final Presentations by SURF Students moderated by invited guests
- August 11 Last day for most SURF students