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Media contacts: Daniel Steinberg, (609)258-5598, [dsteinbe@princeton.edu](mailto:dsteinbe@princeton.edu),

**Media Advisory:**

**Middle School Students Take Over Princeton University**

**For one day 800 middle school students will come to Princeton University to explore cutting edge science, engineering and technology with scientists and engineers  
Tuesday, March 21st, 2006**

PRINCETON, NJ – 800 middle school students, including over 150 from Trenton, will interact with Princeton University scientists and engineers. More scientists than ever before will be participating in this day designed to reinvigorate interest in science.

From 9:00 AM to 1:30 PM, four groups of 200 or more middle school students will rush through four venues around Princeton University campus. The kids will have the opportunity to interact with Princeton scientists and engineers at “Exploration Stations.” The Science and Engineering Expo (SEE Princeton) at Princeton University will reach these students at a critical time in their education when many students lose interest in science and no longer consider careers in science and engineering.

Engineering, materials science and other Exploration Stations will be held in the Dillon where Lasers will slice through the air in a dazzling display of light and color. High School students from Trenton Central High School who participated in an earlier outreach program, PCCM’s Materials Science Day, will demonstrate and laser based instant messaging system they built at Princeton University. Students will learn the latest discoveries of strange materials from materials scientists from PCCM and PRISM. Environmental issues will be explored by civil engineers at Dillon Gym and by PEI in the Icahn Lab. Chemistry demonstrations will be held in Frick Auditorium where students will make their own silly putty. In Frick, the students will learn the chemistry of change and how chemists study changes in color and temperature as indicators of chemical changes. Members of the Princeton local section of the American Chemical Society are volunteering to share their experiences as chemists with these students. Physicists will electrify the students in the auditorium of McDonnell Hall with an electricity and magnetism demonstration. Biology and life science Exploration Stations will be held in the Icahn Laboratory students can explore sheep brain dissection, illusions and how the brain deciphers visual information, zebra fish mutants and a NASA Mars Rover demonstration.

This is just a small sample of what the middle school students will experience.

The Science and Engineering Expo is a product of the collaboration between multiple Princeton University science and engineering outreach programs and help from campus organizations including Building Services, Media Services, and Conference Services. Researchers from nearly every science and engineering department of Princeton University will participate.