



CENTER FOR NANOTECHNOLOGY IN SOCIETY
at Arizona State University



and

THE biodesign INSTITUTE
ARIZONA STATE UNIVERSITY

Celebrating 20 Years of Scanning Probe Microscopy at ASU
Stuart Lindsay and Taylor Jackson

When: May 17, 2006, 11:30 a.m. to 12:30 p.m.
Where: Biodesign B, room L10/14

Stuart Lindsay, Ph.D., director of the Center for Single Molecule Biophysics in the Biodesign Institute at ASU, is a world-renowned scientist, inventor and entrepreneur. Lindsay's lab is learning how to build atom by atom at the nanoscale, manipulating and seeing their results through a variety of new instrumentation. Lindsay has 18 nanotechnology-related patents to his credit and is an international leader in the field. Twenty years ago Lindsay convinced ASU to support his work on a microscope for nano-sized particles. In 1993, he co-founded Molecular Imaging, Inc. to produce scanning probe microscopes--the "eyes" of nanotechnology--which was recently acquired by Agilent Technologies.

Taylor Jackson, Gammage scholar, National Merit Scholar and student in the Barrett Honors College, has just been awarded a Udall Scholarship for his service and research in environmental policy. In a combined bachelor's and master's program in Biology and Society, he has been researching the history of nanotechnology development at Arizona State University. The founder of Students for Environmental Action, which organized an Earth Day celebration to bring several environmental groups to campus, Jackson has done research in Malaysian Borneo, living in a bamboo hut in a rainforest village and co-writing a low-impact ecotourism development plan.

Together Lindsay and Jackson will present a reflection on microscopy and nanotechnology at ASU. Included in the presentation is a short video produced 20 years ago about the early microscope.