



CENTER FOR NANOTECHNOLOGY IN SOCIETY
at Arizona State University



THE biodesign INSTITUTE
ARIZONA STATE UNIVERSITY

and the Institute's **Office for Government and Industry Liaison**

Nanotechnology in Biology & Medicine

Jeffery Schloss

When: May 2, 2006, 3:30 – 5 p.m.
Where: Biodesign Auditorium
Audience: ASU Scientists & Engineers

Dr. Jeffery Schloss is the Co-Chair of the Nanomedicine Roadmap Initiative, NIH, and a program director in the Division of Extramural Research at the National Human Genome Research Institute with responsibility for DNA sequencing technology development.

The Nanomedicine Initiative is envisioned as a ten-year program whose eventual goal is to manipulate precisely cellular processes by repairing or building new structures in cells, to prevent and treat disease and repair damaged tissue. A goal of the Nanomedicine Roadmap initiative is to use quantitative approaches to understand, from an engineering perspective, the design of biomolecular structural and functional pathways, and to use that information to design and build functional biocompatible molecular tools to “dial” the body’s systems back into “normal” operating ranges after function has been perturbed by disease.

Partially funded by a grant from the National Science Foundation.

To read Dr. Schloss’s recent Senate testimony, go to <http://commerce.senate.gov/pdf/schloss-021506.pdf>
To read about the Nanomedicine Roadmap Initiative, go to <http://nihroadmap.nih.gov/>