Singh Center for Nanotechnology: A Nanotechnology Makerspace Open to Academia and Industry

www.nano.upenn.edu
The Singh Center for Nanotechnology provides researchers from academia, industry, and government with open access to leading-edge fabrication and characterization tools, instrumentation, and expertise within all disciplines of nanoscale science, engineering and technology.
Singh Center for Nanotechnology:
A Nanotechnology Makerspace Open to Academia and Industry

24/7 Access to Nanotechnology Equipment—Regardless of Industry or Academic Affiliation

• 90+ Pieces of Equipment Under One Roof
• 10,000 ft² Class 100/1000 Cleanroom Nanofabrication Facility
• SEM, TEM, AFM Microscopy Suite
• Dedicated Microfluidics Lab
• Scanning Probe Microscopes, Optoelectronic/Transport Tools, and Optical Probes

www.nano.upenn.edu
Singh Center for Nanotechnology: A Nanotechnology Makerspace Open to Academia and Industry

Fast Access to Crucial Equipment

When your equipment is overbooked or goes down, the Singh Center can help get your project back online.

• Centrally located in Philadelphia, PA
• Minutes from Philadelphia International Airport, Amtrak and Interstate 95
• Access to 90+ Pieces of Nanotechnology Equipment for the Fabrication, Characterization and Measurement of Nanomaterials and Devices

www.nano.upenn.edu
Singh Center for Nanotechnology:
A Nanotechnology Makerspace Open to Academia and Industry

Fully Staffed to Support Your Needs

Staff are available during normal business hours Monday – Friday to assist you in your research efforts.

- Wednesday Open Process Forum to Help Solve Fabrication Issues
- Equipment Training and Support
- Lab-On-A-Chip Workshops
- Cleanroom Summer School

www.nano.upenn.edu
Collaborative Support

Singh Center Staff can connect interested Researchers with the University of Pennsylvania’s Faculty to help foster collaborative projects, especially in the following areas:

• Life Sciences and Medicine
• Materials and Coatings
• MEMS/Mechanical Engineering
• Microfluidics
• Optics
• Characterization

www.nano.upenn.edu
Singh Center for Nanotechnology: A Nanotechnology Makerspace Open to Academia and Industry

National Nanotechnology Coordinated Infrastructure (NNCI) Facility

NNCI comprises 16 major universities around the nation that are funded to increase accessibility to nanotechnology, especially to regional/external users and nontraditional disciplines.

www.nano.upenn.edu