The Nano/Bio Interface Center of the University of Pennsylvania sponsors a day of education and outreach programs for the Penn community as well as for regional high schools and neighbors. Activities include exhibits and demonstrations, laboratory tours, a research poster session, videos on nanoscale science, and a science fair featuring high school research projects. The day culminates with an NBIC awards program featuring a prominent keynote speaker.

Schedule of Events for Wednesday, October 23, 2013

All events are open to the public except for the High School group NanoTours.

9:00 – 9:45 AM

NanoDay Opening – Introduction to some exciting topics in nanotechnology
Skirkanich Hall, Berger Auditorium and Towne Hall Room 225, Raisler Lounge

Short videos introduced by graduate students. Audience members will have an opportunity to ask questions after each video.

10:00 AM – 2:00 PM

NanoDay Activities – Learn more about the Nano Sciences

Exhibits and Demos: Explore exhibits and demonstrations highlighting nanoscale science and engineering presented by NBIC research groups. Towne Building, 1st Floor

Multimedia Presentation: Learn about exciting new discoveries from nanoscale researchers in physics, chemistry, physiology and engineering from this ongoing, big screen show. Towne Building, 1st Floor and Levine Hall, Lobby

High School Science Fair Research Projects: See posters and displays of research conducted by regional high school students. Displays will be available for viewing from 10 AM – 2 PM. To

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For additional information, contact The Nano/Bio Interface Center at nbicasst@seas.upenn.edu or call 215-746-3210.
interact with the high school students about their work, visit the Science Fair during the judging, which will run from 12:30 PM – 2 PM. Levine Hall, Lobby

NanoTours and special college admission programs for visiting high school groups (pre-arranged; not open to the public)

3:00 – 3:45 PM

High School Science Research Awards Ceremony
Levine Hall, Wu & Chen Auditorium

Winners from the High School Science Fair Research Projects will be recognized (judging runs from 12:30 PM – 2 PM in Levine Lobby).

4:00 – 5:30 PM

Keynote Address and Graduate Student Awards
Krishna P. Singh Center for Nanotechnology, The Glandt Forum (3rd Floor)

Keynote Speaker & 8th Annual NBIC Research Excellence Award
Joseph W. Lyding, PhD, Electrical and Computer Engineering, University of Illinois
Silicon-Based Nanotechnology: Progress, Challenges and Spin-Offs

NBIC Graduate Student Research Award
Jaehong Park, PhD, Duke University; May 2013 graduate of the Dept. of Chemistry at University of Pennsylvania’s School of Arts and Sciences
Polymer-Wrapped Single-Walled Carbon Nanotubes for Energy Capture, Conversion and Storage

Graduate Student and Post-doctoral Image Awards
Scientific: Kate Murphy, Materials Science and Engineering, Nanowire Compliance
Artistic: Lisa Chen, Materials Science and Engineering, BMG Flower
Animation: Andrew Voyiatgis, PhD, Neurosurgery, Axonal Injury in the Brain following a Head Impact

5:30 – 7 PM

Research Poster Session and Reception
Krishna P. Singh Center for Nanotechnology, The Glandt Forum (3rd Floor)

NBIC research groups present some of their newest work.