“The PSU Nanofabrication Facility: A National Resource for Micro- and Nanotechnology”

Mission Statement: The PSU Nanofabrication Facility is dedicated to research, development and education in micro- and nanotechnology. Its Nanofabrication Manufacturing Technology (NMT) Partnership is a Commonwealth funded initiative based on sharing the Penn State Nanofabrication Facility among Pennsylvania institutions. Using the resource-sharing approach, the NMT program addresses the tasks of (1) enhancing workforce development, (2) improving K-12 science and technology education, (3) increasing educators’ awareness of Nanofabrication-based technologies, and (4) providing training, research and development assistance to Pennsylvania industry. The NMT Program has the goals of increasing job opportunities for Pennsylvanians and of nurturing and growing microfabrication-based, nanofabrication-based, semiconductor, and semiconductor-supplier industries in the Commonwealth.

Program Highlights for the Month of September, 2001

October 18-19 Fourth Annual Nanofabrication Manufacturing Technology Conference –This year’s conference, entitled Nanobiotechnology: Coming Impact and Workforce Needs, will be held at the Penn Stater Conference Center Hotel, University Park, PA. There is no registration fee for this conference. For more information please contact Christian Shaffer (cshaffer@engr.psu.edu). Go to http://www.nanofab.psu.edu/hyperlinks/hyperlink.to.nmt.htm to download the agenda, announcement, and registration forms.

October 8-10 Workshop for Educators and Industry Personnel
Registration for the October 8-10 workshop ‘Hands-on Overview of Nanofabrication Processing’ is now closed with 27 participants. The next workshop is scheduled for April 10-12, 2002 and will feature, Success Stories in Applications of Micro and Nanobiotechnology. Please contact Christian Shaffer (cshaffer@engr.psu.edu) for more information on workshops.

November 11-12 Job Fair
The next NMT Partnership Job Fair is scheduled for November 11-12. Please contact Christian Shaffer for more information. (cshaffer@engr.psu.edu)

Chip Camps
The following dates are currently available for Summer 2002 Chip Camps: June 5-7, June 10-12, June 17-19, June 19-21, June 24-26, July 10-12, July 15-17. Contact Christian Shaffer (cshaffer@engr.psu.edu) for details on how to sponsor a Chip Camp.

Keystone Commission on Education Visits Nanofab on September 6
The Keystone Commission is comprised of legislators, representatives, education policy experts, and others concerned with workforce development and education issues. The Keystone Commission is chaired by state Representative Jess Stairs, who also chairs the Education Committee of the House of Representatives. On September 6 the Keystone Commission toured the Nanofabrication Facility and attended a briefing on the NMT Partnership.

For further information on these Highlights or the NMT Program, contact:
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