

## Congressman Secured Federal Funding To Help Spur Development Of New Center

*Endicott, NY* - Congressman Maurice Hinchey (D-NY) today helped open Binghamton University's new Center for Advanced Microelectronics Manufacturing (CAMM) -- a research and development hub that will improve and advance flexible electronics technologies with applications in areas such as medical diagnostics and treatment, military and homeland security, flexible displays and electronics, computer and telecommunications, and consumer products. Over the past several years, Hinchey has helped secure \$5.1 million in federal funds for Binghamton University's microelectronics manufacturing program, which helped leverage the resources necessary to open the CAMM.

"I am so pleased that I was able to secure federal funding for Binghamton University's microelectronics manufacturing initiative, which in turn helped leverage the support needed for the founding of the Center for Advanced Microelectronics Manufacturing," Hinchey said. "This new equipment and expertise is enabling Binghamton University to position itself at the forefront of technological innovation. With its focus on the emerging area of flexible electronics, the Center for Advanced Microelectronics Manufacturing will open the door for cutting edge research with applications for use in our nation's defense and solar energy sectors along with a wide variety of other fields. I am a founding supporter of this exciting initiative because I know that microelectronics science and engineering are national priorities and investments are needed to enhance our national security and strengthen our place in the global economy."

Binghamton University is leading the CAMM along with its partners at Endicott Interconnect Technologies and Cornell University. The effort is being backed by the U.S. Display Consortium (USDC), which is a public-private partnership dedicated to the advancement of the display industry. Binghamton University will manage \$10 million worth of new state-of-the-art manufacturing equipment in space made available by Endicott Interconnect Technologies. The equipment will advance research and development in the field of high-speed microelectronics manufacturing. The university will also work with local industry and academic researchers from

Binghamton University and Cornell to advance microelectronic products.

Last year, Hinchey used his position on the House Appropriations Committee to secure \$2 million for Binghamton University's Center for Advanced Microelectronics Manufacturing. The funds, which are part of the Fiscal Year 2008 budget, will allow for the continuing development of microelectronic products that can be produced in large quantities at a low cost for use by the U.S. military in the combat field. Through this technology, Binghamton University will develop microelectronic devices that can provide communications, health monitoring, battlefield awareness, and portable power to every foot soldier in a rugged, light-weight electronic package.

Binghamton University noted that USDC decided to sponsor the CAMM in Endicott because of the university's success in securing federal funds. Hinchey is responsible for obtaining those federal funds. In Fiscal Year 2005, Hinchey secured \$1 million for their National Center of Excellence and Small Scale Systems Packaging. He also obtained \$2.1 million in Fiscal Year 2004 for Binghamton University's Advance Sensor Design and Threat Detection Facility.

"The CAMM is the right initiative at the right time and I am confident that it will provide practical, measurable benefits to our local economy while advancing critical national priorities," Hinchey said. "I look forward to continuing to advance and grow the center as we also look to further establish New York as a national and international leader in solar energy research and development."

Hinchey and Binghamton University are now working to find ways to incorporate The Solar Energy Consortium's goals through research and development at the CAMM. Binghamton and Cornell formally partnered last year with TSEC -- a new industry-driven, non-profit organization, which Hinchey helped found -- that provides leadership, organization, resources, and support for the establishment of a major solar energy industry cluster in New York. TSEC is the first organization of its kind for the photovoltaic industry, encompassing research and development, manufacturing facilities, industry promotion and market development.

The congressman is working to obtain new federal funds this year that will allow Binghamton University and CAMM to apply their intellectual and physical resources for innovative research into solar power. In particular, Hinchey is focused on helping advance the proposed Center for Autonomous Solar Power (CASP) which, in conjunction with the Center for Advanced Microelectronics Manufacturing, will make the most of the technology, equipment and expertise

to perform groundbreaking solar power research and development.