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FOR IMMEDIATE RELEASE

**Three NYS small businesses awarded Cornell JumpStart projects for fall 2008**

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Ithaca, NY, Aug. 21, 2008 –

New York small businesses Arclay, Newtex, and SiMPore have been selected to receive JumpStart awards with the Cornell Center for Materials Research (CCMR) this fall.

Arclay of Troy will work with Prof. Emmanuel Giannelis, Materials Science and Engineering, for characterization of suspended natural clays in their health care, agricultural, and environmental products. Newtex of Victor will collaborate with Prof. Juan Hinestroza, Fiber Science and Apparel Design, to develop next-generation high-temperature textiles. SiMPore of Rochester will work with Prof. David Muller in the applying ultrathin nanoporous silicon membrane technology in transmission electron microscopy. Prof. Hinestroza received a NYSTAR James D. Watson Young Investigator Award in 2005. SiMPore has been supported with a NYSTAR TTIP award and in May, 2008, won the Golden Horseshoe business plan competition for companies in Western New York and Ontario, Canada.

The Jumpstart program is funded by the New York State Foundation for Science, Technology and Innovation (NYSTAR) to assist small New York businesses develop and improve their products through university collaborations, leading to revenue growth and new jobs. Companies receive up to \$5000 in matching funding to initiate a relationship with the faculty and facilities of a NYSTAR-sponsored university research center via a four-month R&D project.

“We are pleased to offer New York small companies the university-based assistance they need for developing new products and growing their businesses. We are confident that through this innovative program, our industry partners will receive value through the initial project period and beyond,” said David Jung, CCMR Industrial Programs Manager. Two thirds of the companies involved in JumpStart projects since 2005 have continued their interactions with the university.

Interested companies should submit a brief “Request for Technical Assistance” by Oct. 21, 2008 via [www.ccmr.cornell.edu/industry](http://www.ccmr.cornell.edu/industry). Projects may be carried out at the Cornell Center for Materials Research (CCMR), the Center for Advanced Materials Processing at Clarkson University, the Center for Advanced Ceramic Technology at Alfred University, the Integrated Electronics Engineering Center at Binghamton University, the Center for Advanced Information Management at Columbia University, the New York State Center for Advanced Technology in Photonics Applications at the City University of New York, the Center for Future Energy Systems at Rensselaer Polytechnic Institute, and the Center for Engineered Polymeric Materials at the College of Staten Island.

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### **About NYSTAR**

The New York State Foundation for Science, Technology and Innovation (NYSTAR) is a government public-benefit corporation that supports collaborative industry/academic partnerships to foster integrated approaches for developing and commercializing innovative technologies. NYSTAR serves as a resource for small and start-up technology companies.

### **About the Cornell Center for Materials Research (CCMR)**

CCMR is a National Science Foundation and New York State funded interdisciplinary center at Cornell University whose mission is to advance, explore and exploit the forefront of the science and engineering of advanced materials with an aim to be world leaders in the design, control and understanding of the behavior of both crystalline and disordered nano-materials. This objective is pursued through fundamental experimental and theoretical studies of the assembly and processing of nano-materials and of their resulting behavior, educational outreach, and collaborations with industry.

### **About SiMPore:**

SiMPore is an early-stage, University of Rochester spin-out company commercializing a breakthrough silicon membrane technology for the separation and purification of biomolecules and other nano-sized particles in a wide range of applications. Such application areas include biomedical research, biopharmaceutical processing, nanotechnology development and hemodialysis.