



Cornell University
Cornell Center for Materials Research

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The Cornell Center for Materials Research Announces Spring 2012 JumpStart Project Recipients

Ithaca, NY - The Cornell Center for Materials Research JumpStart program, funded by Empire State Development's Division of Science, Technology and Innovation (NYSTAR), is designed to assist New York State small businesses develop and improve their products through university collaborations; the ultimate goal being revenue growth and job creation. JumpStart projects receive up to \$5,000 in matching funds for project costs that include faculty and their research staff, facilities, services, supplies, and materials. Since its inception, forty-seven companies have benefited from this program. During the upcoming semester, four companies will participate in the following collaborations.

JumpStart Award Winning Companies:

Intrinsic Materials Company, Rochester, NY will collaborate with Professor Chris Ober, Materials Science and Engineering, to investigate copper nano-particles in low cost print processable conductive inks for the electronics industry.

NOHMs Technology, Inc., Ithaca, NY will collaborate with Professor Héctor Abruña, Chemistry and Chemical Biology, to study the efficiency and reliability of advanced electrode and electrolyte materials for the next-generation lithium-ion batteries.

Rapid Cure Technologies, Inc., Syracuse, NY will collaborate with Professor Emmanuel Giannelis, Materials Science and Engineering, to transform a unique nanoparticle technology into a light curable primer coating for use on plastics that will reduce energy consumption and solvent emissions.

Thalle Industries Inc., Briarcliff Manor, NY will collaborate with Professor Kenneth Hover, Civil and Environmental Engineering, to develop a manufactured sand blend yielding a workability desired by concrete producers and turning a waste product into a resource.

About NYSTAR

Empire State Development's Division of Science, Technology and Innovation (NYSTAR) 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)

The Cornell Center for Materials Research is a National Science Foundation and New York State funded interdisciplinary research center at Cornell University whose mission is to advance, explore and exploit the forefront of the science and engineering of advanced materials. This objective is pursued through fundamental experimental and theoretical studies. Three other complementary functions complete its mission: educational outreach to teachers and students; industrial outreach and knowledge transfer; and the operation of shared instrumentation in support of materials research both on and off campus.

For further details about this and other exciting programs, including how to apply for Fall 2012 projects, please visit <http://www.ccmr.cornell.edu/industry/>