



Cornell University
Cornell Center for Materials Research

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The Cornell Center for Materials Research Announces the Fall 2014 JumpStart Funded Companies

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 is revenue growth and job creation. JumpStart projects receive up to \$5,000 in matching funds for project costs that include faculty and research staff, facilities, services, supplies, and materials. Since its inception, 59 companies have benefited from this program. During the upcoming semester, three companies have been awarded funding and will participate in the following collaborations:

Incodema3D Inc., Ithaca, NY will collaborate with Professor Shefford Baker, Materials Science and Engineering to characterize the physical properties of several metallic materials made into test specimens by an additive 3D manufacturing process.

Molaire Consulting LLC., Rochester, NY will collaborate with Professor Brett Fors, Chemistry and Chemical Biology to synthesize 4 new molecular glass materials for use in organic light emitting diode applications. The new materials will then be characterized and tested for their mass, thermal, electrical, and photo-physical properties.

Shadetree Innovation, Marcy, NY will collaborate with Matt Ulinski, Sibley School of Mechanical and Aerospace Engineering, Master of Engineering Program Director at Cornell University, to develop a working device intended to be installed between a bathroom shower head and the supply pipe that will conserve both water and energy.

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 the CCMR's 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 additional details about this and other exciting programs, including how to apply for Spring 2015 projects, please visit ccmr.cornell.edu/jumpstart

About Incodema3D

Incodema3D is a spin-off company created from Incodema Inc. They are a Start-UP NY participant along with Cornell University. They are an additive manufacturing company with the ability to print parts in both metals and in plastics. <http://www.incodema3d.com/>

About Molaire Consulting

Michel Molaire is a chemist with thirty six years of materials, formulations and coatings experience. He is CEO and Founder of Molecular Glasses, a division of Molaire Consulting developing noncrystallizable molecular glasses for OLED and other organic electronic applications. <http://molecularglasses.com/>

About ShadeTree Innovation

Shadetree Innovation is an inventor developing a water conserving device intended to be installed between the shower head and the supply pipe that will conserve both water and energy.

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