



For Immediate Release:

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The Cornell Center for Materials Research Explore Program Enables New York State Business to Access World-Class Equipment

Ithaca, NY - The Cornell Center for Materials Research (CCMR) Industrial Partnerships Program is designed to help New York State's businesses access world-class capabilities; solve technical challenges; and develop and improve their products, with the ultimate goals of revenue growth and job creation.

In 2018, the CCMR launched Explore, a program that provides New York State businesses with a fast and flexible way to use CCMR world-class instruments to test and explore the viability of a technique, optimize technologies and prototypes, and access innovative solutions. The program can also be used to receive training on a new instrument.

Two companies benefitted from the program in 2018: Rheonix, Inc., located in Ithaca, and Vartest Laboratories from New York City. Rheonix has developed the highly automated suite of Encompass workstations for use in clinical, research and applied testing laboratories. Vartest is a textile and apparel testing laboratory.

Pelitex, a Syracuse-based company that customizes physical and chemical properties of alloy nanoparticles with steel like compositions to improve corrosion resistance, started to work with Dr. Matthew Dabney, CCMR Materials Facility Manager in January 2019. They are using X-ray photoelectron spectroscopy (XPS) to analyze their materials.

Explore supports New York State businesses by lowering the barriers to entry for usage of the CCMR facilities. This is a first come-first served opportunity based on the availability of funding and open until July 1, 2019. It covers 33% (up to \$500) of the cost of an industry user's "first usage" of the facilities.

A first usage could be:

- one training session on an instrument new to the user and direct instrument use
- one training session on an instrument new to the user, instrument use and facility manager labor
- one session on an instrument new to the user done as a service.

The program is also supported by NYSTAR, Empire State Development's Division of Science, Technology and Innovation.

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. The CCMR pursues this objective 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. www.ccmr.cornell.edu/industry

About Empire State Development's Division of Science, Technology and Innovation

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 startup technology companies. For more information, please visit www.esd.ny.gov/nystar/.

About Pelitex

Pelitex is a product development company commercializing Nanogradient, a new nanoparticle designed and chemically synthesized to behave like stainless steel. This material can be used as the foundation for numerous applications across multiple industry sectors, including life sciences and cleantech.

<https://www.pelitex.com/>

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