



For Immediate Release:

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Cornell Center for Materials Research Collaborates with Entrepreneurship at Cornell to Match Students with New York State Companies for Internships

Ithaca, NY - The Cornell Center for Materials Research 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.

This year, the CCMR launched a collaboration with Entrepreneurship at Cornell to provide opportunities to New York State businesses to benefit from adding innovative employees to their team for a pre-determined project; and to offer entrepreneurial students the opportunity to gain real world experience during summer internships in small to mid-sized New York State businesses.

Three companies benefited from the program during the 2018 summer:

- Awisco (Maspeth, Queens) trained a student in all aspects of its business, providing a comprehensive firsthand understanding of the industry, from the warehouse and loading dock, to the manufacturing facility and front office. The student had also the opportunity to shadow the CEO.
- Capro-X (Ithaca, Tompkins County) trained an intern who assisted in building and operating fermentation bioreactors, analyzing and optimizing system performance and designing a scaled-up bioprocess. This helped Capro-X evaluate new bio-oil extraction techniques and perform organic chemical conversion on products for the specialty chemistry and pharmaceutical industries.
- Zymtronix (Ithaca, Tompkins County) hired an intern who conducted literature review, synthesis of organic and inorganic composites, material characterization, particle size analysis, standard operation procedure writing, data analysis and presentations.

The CCMR provides 20% of matching funds not to exceed \$1,000 per internship to companies developing products or technologies related to materials. The program is also supported by Empire State Development's Division of Science, Technology and Innovation (NYSTAR). Small to mid-sized New York State manufacturing and research and development businesses from the following industry sectors are eligible: materials, chemistry, energy, pharmaceuticals, food and textile.

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 Entrepreneurship at Cornell

Entrepreneurship at Cornell is a diverse, university-wide program that finds and fosters the entrepreneurial spirit in participants from every college, every field, and in every stage of life. Its activities are grounded in the belief that individuals who exhibit an entrepreneurial spirit and have acquired entrepreneurial knowledge can add significant value to any working environment from the smallest startup to the largest business, from non-profits to government agencies.

<http://eship.cornell.edu/>

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 Awisco

Awisco supplies a wide array of welding and industrial products for all applications including cylinder gases, welding and cutting equipment, tools, contractors' supplies, and the latest in safety and industrial equipment.

www.awisco.com

About Capro-X

Capro-X is a Cornell spinout developing biorefinery solutions for waste problems experienced by food and beverage producers. Targeted fermentations enable the conversion of organic content contained in waste streams into bio-oils – solving a waste problem and producing valuable platform chemicals, which can be used for food and energy products.

www.capro-x.com

About Zymtronix

Zymtronix, is developing and commercializing enzyme immobilization products and services for industrial biocatalysis applications in process chemistry and crop protection sectors with a technology licensed from Cornell University.

www.zymtronix.com

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