The Cornell Center for Materials Research Announces the Fall 2019 JumpStart Funded Companies

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.

During the 2019 Fall semester, four companies have been awarded funding to participate in the following collaborations:

- CathBuddy, Inc. (Woodbury) will collaborate with Yadong Wang, Professor of Biomedical Engineering, to identify suitable materials for use in a reusable intermittent catheter system. The team will conduct basic materials testing on candidate materials before and after extended exposure to UVC radiation and steam sterilization.

- Halomine, Inc. (Ithaca) will collaborate with Christopher Ober, Professor of Materials Science and Engineering, to improve a new antimicrobial coating for food equipment. The team will optimize the polymer synthesis and formulation to improve performance of the coating on stainless-steel surfaces.

- Heat Inverse, LLC. (Ithaca) will collaborate with Francesco Monticone, Professor Electrical and Computer Engineering, on the development of passive cooling thin-films for refrigerated trucking and solar applications, the team will make spectral and absorption measurements of a number of potential polymer matrices containing micro/nanoscale features.

- Thalle Industries, Inc. (New York City) will collaborate with Ken Hover, Professor, Civil and Environmental Engineering on the development of a process for Re-purposing/Recycling materials generated by excavation work in road beds into a useful fill product.

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 the program’s inception, 98 companies have benefited from this program. 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.
Step into a world of leading experts and state of the art equipment.
Solve real-world challenges using a science-based, uniquely collaborative approach.