

Gov. Cuomo announces \$2.8 million grant to Alfred University to complete Center for High-Temperature Characterization lab

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Gov. Andrew Cuomo has announced Alfred University will receive up to \$2.8 million in funding through the Empire State Development Corp. to complete the Alfred Center for High-Temperature Characterization (CHTC).

“This is very exciting news for Alfred University,” said President Charles M. Edmondson. “It demonstrates Gov. Cuomo’s commitment to economic development in our region and across the state. We are deeply appreciative of his support for this important initiative. This award affirms that development of advanced materials, particularly for renewable energy applications, is critical to the state’s future.”

The award may be used for building construction/renovation, as well as equipment, to enhance the Center for High-Temperature Characterization at Alfred University, established in 2008 through a collaborative effort between the Inamori School of Engineering and Corning, Incorporated. The new funding will allow the Center to add in-house imaging and testing equipment for renewable energy systems and high-temperature battery applications.

The CHTC offers a range of services from analytical testing to sponsored research. The unique suite of highly specialized equipment allows researchers to analyze and characterize materials that are processed at high temperature (up to 3000 degrees C) or must function in a high-temperature or in harsh environments.

New York State has long been a leader in the glass and ceramic industry. Alfred University and the NYS College of Ceramics, a statutory unit that is partially funded by the state Legislature, support this industry by educating the next generation of scientists and engineers and by advancing the frontier of knowledge. Advances in clean energy, communication, transportation, security, defense, and health care require improved glass and ceramic materials. Because these materials are processed and/ or used at high temperatures, their development requires testing and characterization at high temperatures.