

## Division of Research



Research at Binghamton University leads to new insights, new technologies and new jobs. Our scholars conduct path-breaking work in areas ranging from neuroscience to energy storage. Multidisciplinary collaborations and partnerships with industry help to ensure that ideas developed on campus have an impact far beyond New York. And graduate and undergraduate students work alongside our nationally known faculty experts, enhancing their classroom experiences with hands-on research.

Binghamton's creativity and innovation are evident in our research growth. Despite the challenging national climate for research funding, the campus reported expenditures of \$36.7 million in 2015-16. That represents an increase of 21 percent in the past five years.

The Division of Research supports all research and scholarly work at Binghamton and leads the University's economic development efforts. It is responsible for interactions between the University and federal, state and local elected officials. Key priorities include a continued emphasis on research related to health sciences and smart energy and further development of the area's innovation ecosystem. Those efforts include implementing the state's Start-Up New York program as well as the construction of a high-technology incubator in downtown Binghamton.

The division collaborates closely with the other divisions to improve Binghamton's research infrastructure and to implement strategic initiatives. In particular, the Division of Research is working with Academic Affairs on the Transdisciplinary Areas of Excellence, School of Pharmacy and Pharmaceutical Sciences and the growth of Binghamton's graduate programs.

**For more information visit:**

**[binghamton.edu/research](http://binghamton.edu/research)**

- S<sup>3</sup>IP, Binghamton's New York State Center of Excellence, moved into a new \$30 million facility in 2014. It has numerous environmentally friendly features, a data center that's also a living laboratory and room for start-up companies.
- The NorthEast Center for Chemical Energy Storage, directed by Binghamton chemist M. Stanley Whittingham, received a \$12.8 million, four-year grant from the Department of Energy. The funding will accelerate the innovations needed to build a 21st-century energy economy.
- The Developmental Exposure Alcohol Research Center, led by neuroscientist Linda Spear, received a five-year, \$8.2 million grant from the National Institutes of Health to improve our understanding of the effects of alcohol on brain development.
- Several Binghamton scholars, including physicists Jeffrey Mativetsky and Pegor Aynajian and engineer Guy German, are funded by the National Science Foundation's Early Career Development (CAREER) Program, the agency's most prestigious award for young researchers.
- Binghamton University is accredited by the Association for the Accreditation of Human Research Protection Programs (AAHRPP) and the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC).