



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 in New York and beyond. Graduate and undergraduate students work alongside our faculty experts, enhancing their classroom experiences with hands-on research.

Binghamton's creativity and innovation are evident in our designation as a "very high research" campus by the Carnegie Classification of Institutions of Higher Education. Sponsored programs expenditures — the money spent on externally sponsored research and scholarly activities — rose nearly 27 percent to \$63.7 million in 2022-23. It's the first time the campus has topped the \$60 million mark.

That figure includes the exciting efforts associated with New Energy New York, which aims to strengthen the upstate battery manufacturing industry. Committed funds — money available to be spent on future research — nearly tripled to \$190.9 million in the fiscal year that ended in June 2023. That's a strong indicator that 2023-24 will see continued growth.

Binghamton is home to a New York State Center of Excellence focused on electronics packaging as well as several federally recognized research centers in areas ranging from flexible electronics to the study of adolescent exposure to alcohol.

The Division of Research supports all research and scholarly work at Binghamton and leads the campus' economic development efforts. It is responsible for interactions between the University and federal, state and local elected officials. Priorities include a continued emphasis on the area's innovation ecosystem and advanced research instrumentation.

- Binghamton is proud to be the research home of M. Stanley Whittingham, an inventor of the lithium-ion battery and a recipient of the 2019 Nobel Prize in Chemistry.
- New Energy New York, an initiative led by Binghamton University, will receive more than \$113 million in federal and state funding to establish a hub for battery technology innovation in upstate New York.
- S3IP, Binghamton's New York State Center of Excellence focused on electronics packaging, brings industry and academic partners together. The center reports annually on its total economic impact, which is more than \$1.95 billion since 1996.
- The Koffman Southern Tier Incubator provides 35,000 square feet of offices, high-tech labs and co-working spaces. Programming, mentoring and other resources are provided to promote startup success.
- The Binghamton University Brain and Body Imaging Research Center acquired a large and advanced functional magnetic resonance imaging (fMRI) instrument in May 2023. The center enables research in cognitive neuroscience and brain imaging, pharmaceutical sciences, biomedical engineering, physical therapy and biomedical anthropology.
- Binghamton University is accredited by the Association for the Accreditation of Human Research Protection Programs and the Association for Assessment and Accreditation of Laboratory Animal Care.