



University at Buffalo

The State University of New York

Shared Facilities

UB's Science and Engineering Equipment and Instrumentation Portal (EQUIP) is a web-based portal to Shared Facilities providing cost-effective access to precision tools and equipment for electronic device development, the study and analysis of materials, motion simulation and 3D additive manufacturing. All equipment is available for shared use by faculty, students and industry.

NORTH CAMPUS SHARED INSTRUMENTATION LABORATORIES



DAVIS HALL ELECTRICAL ENGINEERING CLEANROOM

Among the most advanced in the Buffalo Niagara region, this facility features seven bays of class 1000 space with class 100 working areas, allowing for electronic device research, processing and development, including study and fabrication of nano-devices.



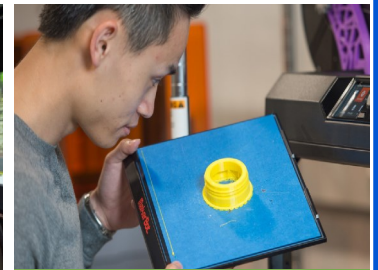
FURNAS HALL MATERIALS CHARACTERIZATION LAB

The Materials Characterization Lab facilitates cost-effective analysis and characterization of a wide range of materials. Four research bays and 1,700 square feet of space, house the resources needed to analyze liquid, powder, surface and bulk materials.



FURNAS HALL MOTION SIMULATION LAB

The motion-based driving simulator is a high-fidelity tool for training, education, and transportation and behavioral research. The 6-DOF motion platform, 360° degree visual display system and interactive driver controls create an authentic driving experience.



BONNER HALL DIGITAL MANUFACTURING LAB

Coming online in Fall 2016, this new laboratory provides access to a variety of 3D printing / additive manufacturing services and technologies for rapid prototyping, tooling and manufacturing of highly detailed and durable 3D objects and parts.

TO LEARN MORE ABOUT NORTH CAMPUS SHARED INSTRUMENTATION LABORATORIES CONTACT:

Donald J. Goralski, Director, Shared Instrumentation Laboratories @ goralski@buffalo.edu 716.645.5151

SOUTH CAMPUS SHARED FACILITY



SOUTH CAMPUS INSTRUMENT CENTER

The South Campus Instrument Center (SCIC) is a full-service facility specializing in surface imaging and spectroscopy for a wide range of materials and products, as well as expertise in product quality assurance testing, failure analysis, and forensic evaluations.

TO LEARN MORE ABOUT SCIC CONTACT:

Peter Bush, Director
South Campus Instrument Center
pjbush@buffalo.edu
716.829-3561

EQUIP laboratories offer the use of specialized equipment and facilities, project consultation, hands-on training, and full service processing and analysis.

To search equipment inventory, learn more or get started visit

www.buffalo.edu/shared-facilities-equip.html