

SUNY College at Oneonta



The Fund for
Science and Technology

Naming Opportunities Gift Level

SCIENCE BUILDING I \$2,000,000



The facility known as "Science Building I" is home to the Departments of Biology and Earth Sciences. In addition, the interdisciplinary Environmental Sciences Program has concentrations in these departments, as do Chemistry & Biochemistry, Physics & Astronomy, and Geography. Currently undergoing major renovations, the building is scheduled to reopen for instruction and research by the Fall 2008 semester. It is the centerpiece of our Fund for Science and Technology initiative.

AREAS WITHIN SCIENCE BUILDING I:

Planetarium \$500,000

This 1,780 square foot area includes the planetarium, lobby area, and lecture room. It incorporates high-tech digital equipment, including an IMAX-type theatre. The facility will be one of only three of its kind on college campuses in the United States and will support interactive video instruction for a wide variety of disciplines including art, astronomy, biology, chemistry, and physiology.



Science Lecture Hall \$500,000



The first floor lecture hall is 2,090 square feet and incorporates the latest instructional technology the science disciplines have to offer. This lecture facility can hold an audience of about 200 students, hosting an average of 25 classes per week.

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Meteorology Station Laboratory/Classroom..... \$500,000



The third floor is home to a 1,580 square foot area that houses numerous meteorological instruments and enables faculty to integrate modern technology into the curriculum. Laboratory instruction for all meteorology classes are taught in this “smart” (meaning it has state-of-the-art audio visual equipment for lectures and other presentations) classroom. The space incorporates a new pod-like layout for team projects, and has direct access to the new

computer laboratory as well as the weather observatory. Meteorological instruments display and record the current rooftop temperature, dew point, wind direction and speed, solar radiation, and precipitation in digital format for later retrieval and research.



Animal Room..... \$300,000



The 1,340 square foot vivarium houses the laboratory animals used for research and classroom work in diverse fields ranging from behavioral science and immunology to aquatic biology. This facility includes nine temperature and light controlled cubicles as well as a procedure room for studies conducted with fish, birds, and mammals. The animal room is in compliance of all policies and regulations regarding the safe and humane treatment of animals.

Weather Observatory \$250,000

The only physical addition to Science Building I while under renovation is a beautiful 290 square foot observatory. It offers an impressive and expansive view of the sky as well as spectacular vistas of the campus, city, and surrounding hills. The glass observatory extends from floor to ceiling and expands out from the southern end of the third floor. This allows direct observation of clouds, thunderstorms, fronts, and other weather phenomena coming from the west, southwest, south, southeast, and eastern directions. Home to the Oneonta WeatherCam, the observatory is also equipped with computers for comparison of the visual events with remotely sensed satellite and radar data.



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Biology Research Laboratory \$250,000

This 1,330 square foot laboratory is a state-of-the-art facility for research in the areas of cellular and molecular biology, genetics and microbiology. The space is equipped with modern scientific instrumentation including real-time polymerase chain reaction (PCR), which enables researchers to produce copies of specific DNA sequences, a DNA sequencer, tissue culture hoods, a low temperature freezer, and low and high speed centrifuges.



Greenhouses (two available) \$250,000



Science Building I contains two spectacular greenhouses, totaling 930 square feet. These modern greenhouses cultivate plants used for teaching and research purposes. Each greenhouse includes automatic temperature regulation, humidity, and shade controls. A workroom adjacent to the lower greenhouse incorporates four environmentally controlled growth chambers, allowing for repotting, fertilizing, and planting.

Geology Research Laboratory \$100,000

The 980 square foot “rock cutting room” is used for geology instruction and preparation of geological materials for research. This area houses instrumentation used to prepare samples for petrographic and geochemical analysis. Rock saws, grinder/polishers, crushers, and sieving devices are available for use by students and faculty for research and class projects.



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Hydrogeology Laboratory \$100,000

Comprised of two adjacent areas on the second floor, this 1,130 square foot classroom/laboratory provides space for hydrologic modeling and the study of the dynamics of water. The laboratory contains a sample refrigeration unit, water purification system, Hach spectrophotometer, fluorimeter, analytical balance, fume hood, and chemical storage area with multiple sinks and ample bench space. The primary use of the room is for hands-on experiments in groundwater flow and aqueous geochemistry for the hydrology curriculum. The facility accommodates short-term experiments, such as permeameter tests and alkalinity titrations, as well as long-term research projects such as acid mine drainage leachate tests. In addition, the room houses the department's seismograph, used by introductory and upper level students.



Science and Technology "Hall of Fame" \$75,000



This area has been designated for the recognition and celebration of the successes of our alumni who have succeeded in a wide variety of science- and technology-related professions. The Science and Technology Hall of Fame, located outside of the Science Lecture Hall on the first floor, will be similar to the Athletic Hall of Fame pictured here. The space will be open for public viewing and will serve as an inspiration to our students and alumni who visit campus.

Aquatic Biology Research Laboratory \$50,000

This 620 square foot multi-purpose laboratory located on the ground floor is designed to house set up areas for aquaria, microscopic research, and flume studies for applied and theoretical research in the fields of aquatic biology, hydrology, and aquatic pollution.



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Earth Sciences XRF Room \$50,000



This specially designed room is home to an X-ray Fluorescence Spectrometer (XRF) acquired in 2007. The XRF analyzes the mineral content of rock specimens from in-situ geological excavations in the field. SUNY Oneonta students receive hands-on experience conducting original scientific research. Even at large, research-oriented universities, undergraduate students generally never operate expensive instrumentation such as the XRF; but SUNY Oneonta students are encouraged to become trained in its operation and to perform scientific studies with this instrument.

Herbarium \$50,000

The SUNY Oneonta Herbarium is recognized as one of the most significant herbaria in upstate New York. No other college of similar size has a herbarium with such active research and learning opportunities. Approximately 9,000 flora specimens from Otsego, Montgomery, Fulton, and Franklin Counties, some dating back to as early as 1928, are maintained in this 350 square foot facility. With the significant renovations to Science Building I, the size and significance of the SUNY Oneonta herbarium will unquestionably grow.



Sedimentology Laboratory \$50,000



Located on the second floor, the 490 square foot Sedimentology Laboratory serves as the center for student and faculty research in all aspects of sedimentary geology. The laboratory includes high-tech equipment for analysis of particle sizes, a fume hood for acid digestion of samples, petrographic and stereoscopic microscopes, and a variety of small-scale apparatus for modeling sedimentary processes.

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Water Resources “Smart” Classroom..... \$50,000

A smaller sized lecture room used primarily for Water Resources courses, this “smart” classroom is equipped with twenty-four laptop computers each loaded with Visual MODFLOW, the foundation program for GEOL 389 Groundwater Modeling. The room also houses an island designed for class demonstrations and a fume hood for chemical storage and volatile experiments.



Tissue Culture Laboratory..... \$50,000

NAMED: The Pietraface Tissue Culture Laboratory



Located on the third floor, this 320 square foot area is where faculty and students conduct cellular, molecular and plant biology research.

For More Information

If you have any questions about the naming opportunities described in this publication, please contact one of the following College Advancement Staff members:

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