New Life Science Building
Atrium
Nursing and Health Science Community
Biology and Biochemistry Community
Chemistry Community
Observatory
Nursing Clinical Skills and Simulation Lab (1)
Active Classrooms (1/2)
Physics Community
General Labs (10)
Analytic Lab
Biochemistry Lab
General Lab
Kinesthesiology Lab
Microbiology Lab
Computer Labs (1/7)
Microscopy Digital Imaging Lab (1)
Simulation Suite (1)
Archaeology Community
Endowment
Greenhouse (1)
General Classrooms (8)
Student Lounge (1)
Student Capstone Labs (5)
Instrumentation Lab (1)
Conference Room (1)
Research Labs (1/15)
Tissue Culture Lab (1)

Medix Scientific
Mellon Trust
Mircobac
Neuber Environmental Services Inc.
Novum Pharmaceutical Research Services of Pittsburgh
Park Analytical Services
PPG Industries
Psychology Software Tools Inc.
Quest Diagnostics
Raike Financial
RxBox
Scribe America
Service Master Rapid Response

South Hills Health System
U.S. Army Communications and Defense Dept.
U.S. Geological Survey
U.S. Steel Corporation
University of Pittsburgh
University of Pittsburgh Biotech and Engineering Center
UPMC
UPMC Presbyterian
UPMC Sports Medicine
WBI Investments
Westinghouse Process Control
Westmoreland County Community College
Wilshire Associates Inc.

Naming opportunities are payable over five years.

**LIFE SCIENCES** Building Construction and Smith Hall Renovation

**Naming opportunities are payable over five years.**

By 2020, an additional 250,000 public health workers are needed to dodge a workforce shortage. [Medicare (2017)]

The primary driving force in this looming crisis is the aging of the Baby Boomer generation: Today, there are more Americans over the age of 65 than at any other time in U.S. history. Between 2010 and 2030, the population of senior citizens will increase by 75 percent to 69 million, meaning one in five Americans will be a senior citizen; in 2050, an estimated 88.5 million people in the U.S. will be aged 65 and older.


More than 290,000 Baby Boomers in Pittsburgh’s tristate region are eligible to retire in the next decade. This will result in a significant shortage of skilled employees across many sectors including IT, business and finance, healthcare and life sciences, energy, and advanced manufacturing. Also in this timeframe, economic growth is expected to create 50,000 new positions, adding up to nearly 340,000 open jobs. This gap is already exacerbated by a continuously shrinking pipeline of would-be workers emerging from our education system.

Why a new Life Sciences Building? Why Now?

“In summary, while the ‘bones’ of the structure are sound, Smith Hall does not meet the University of Pittsburgh’s standards for a modern science facility.”

It is vital that Pitt-Greensburg remain at the cutting edge of classroom and building design through the continuous improvement of facilities.

• State-of-the-art facilities are needed if students and faculty are to perform at the highest level.
• At present, nearly 50% of students attending Pitt-Greensburg major in the Natural Sciences, continuing a 10-year trend of rising interest in the sciences.
• Enrollment in the areas of Applied Mathematics, Information Technology, Pre-Engineering, and Pre-Medical Careers has grown 38% in the last three years.
• The number of Natural Science courses offered has grown 38% in the last three years.
• The number of Natural Science courses attended by our students has increased significantly over the last 10 years.

Pitt-Greensburg is at a tipping point. Our future annual enrollment in the STEM* majors is conservatively projected to increase by a minimum of 20% over the next five years.

*science, technology, engineering, and mathematics

It is anticipated that by the fall of 2019, the existing science facilities will not accommodate anticipated increases in student enrollment from the new science- and health-related programming.

• Smith Hall houses the most popular of our three divisions: the Natural Sciences. Originally built in 1976, the classrooms and science labs contain outdated furniture, fixtures, and equipment.
• Bringing the existing facilities up to a level where students and faculty have adequate research space for general chemistry labs is limited and most lab sections are too crowded.
• There is a dire need to expand and renovate our sciences facilities to ensure the quality of our academic science- and health-related programming and to guarantee that our students are prepared for the world they will encounter after graduation.
• We have no separate lab space for analytical, instrumental, or physical chemistry. Labs for these courses are scheduled in time slots when the general or organic lab is free or in B-13 Smith Hall, which is not a lab space. It is a classroom with tables.
• More significantly, we have no dedicated lab space for students working on senior projects or for faculty research. Chemistry majors use the chemistry stockroom as their research space. Space available for students and faculty are to perform at the highest level.

Why should you care about your nurse’s degree or the nurse-to-patient ratio?

• Working to fuel the economic rebirth of Westmoreland County via the “needs and edis” model successfully used by Pittsburgh.
• Helping the region, in which we are located, to advance central to our mission as a state-assisted university.
• Playing a key role in advancing the economic progress in western Pennsylvania by developing signature academic programs at the intersection of student interest and emerging occupational opportunities and thus equip students to fill jobs so that the students and jobs remain in the region.
• Connecting the best of the big and small school environments as part of the University of Pittsburgh network of schools—the resources of our nation’s most prestigious research institutions mixed with the individualized experiences of a small liberal arts college.
• Responding to emerging employment opportunities and changing student interest, Pitt-Greensburg is making a concentrated effort to meet the educational needs of the community by adding new majors and minors to its program selections. A biochemistry major, a full baccalaureate nursing (BSN) program, and a track in healthcare management for business majors have recently been added.