



**THE UNIVERSITY OF PITTSBURGH**

- Most Innovative Schools, U.S. News & World Report 2025 Best College rankings.
- Pitt attracts more than \$1.2 billion external research funding to Pennsylvania.
  - Medicine: \$833 million
  - Health Sciences: \$145 million
  - STEM: \$125 million
  - Arts, humanities, social sciences and related fields: \$70 million
- Pitt leverages that support to contribute \$5.2 billion to communities throughout Pennsylvania.
- The Higher Education Research and Development (HERD) survey listed Pitt #16 out of 900 institutions for research and development expenditures.
- 97% of Pitt graduates achieve a successful career outcome within six months.



**SWANSON SCHOOL OF ENGINEERING Undergraduate Program**

- 10 ABET accredited engineering programs housed in 6 departments
  - Bioengineering
  - Chemical Engineering
  - Civil Engineering
  - Computer Engineering
  - Electrical Engineering
  - Environmental Engineering
  - Engineering Science
  - Industrial Engineering
  - Mechanical Engineering
  - Materials Science & Engineering
- Strong focus on experiential learning and co-curriculars
  - 34% participate in Co-Op
  - 30% conduct undergraduate research
  - 30% participate in entrepreneurial activities and competitions
  - 18% engage in a global experience
  - More than 50 engineering student organizations and engineering competitions with national recognition



**Graduate Program**

- 2 National Science Foundation Graduate Research Fellows.
- 4 NIH Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (F31) Fellows.
- 3 National Defense Science and Engineering Graduate Fellows.
- Focused MS programs in Construction Management, Medical Product Engineering, and Electric Power place students locally, regionally, and nationally in high-demand careers.

**SWANSON STUDENTS**

With the first engineers graduating in **1846**, Pitt's Swanson School is one of the oldest engineering programs in the U.S.

**2,720** UNDERGRADUATE STUDENT POPULATION



**771** GRADUATE STUDENT POPULATION



**12:1** UNDERGRADUATE STUDENT-TO-FACULTY RATIO



**96%** STUDENTS WORKING IN INDUSTRY/IN GRADUATE SCHOOL



**University of Pittsburgh®**

**Swanson School of Engineering**

**engineering.pitt.edu**



SWANSON RESEARCH (FY25)

 **\$63.5M** RESEARCH EXPENDITURES

 **\$2.4M** INDUSTRY-SPONSORED RESEARCH

 **142** FUNDING AWARDS

SWANSON CO-OP AND FIRST EMPLOYERS

- Aerotech
- Alstom
- ANSYS
- Bayer
- Bechtel Plant Machinery
- Curtiss-Wright
- Deloitte
- Eaton
- Emerson
- Epic
- FedEx
- Langan Engineering and Environmental Services
- MSA
- Naval Nuclear Laboratory
- Philips
- Sherwin Williams
- Siemens
- UPMC
- Westinghouse
- ZOLL

SWANSON IMPACT

**Research and Innovation**

- 63 startups
- 41 patents in FY25 (38% of Pitt)
- 29 NSF CAREER Awards since 2016

**Academy Memberships**

- National Academy of Engineering
- National Academy of Inventors
- National Academy of Science
- Royal Academy of Canada
- Royal Academy of Engineering of Spain

**Student Recognition**

- 13 GEM Scholars since 2021
- 11 Goldwater Scholars
- 10 Whitaker Scholars
- 8 Fulbright Scholars
- 4 Churchill Scholars
- 4 Naval Academy of Science and Engineering Scholars
- 3 Boren Awards
- 2 Rhodes Scholars
- 2 Lindau Nobel Laureate Scholars
- 1 Truman Scholar



SWANSON AREAS OF INTERNATIONAL EXPERTISE

ENERGY



HEALTHCARE



MANUFACTURING



SUSTAINABILITY



University of Pittsburgh®

**Swanson School of Engineering**

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