

The mission of the University of Pittsburgh School of Medicine is to educate science-based, skilled, and compassionate physicians and clinicians who are prepared to meet the challenges of practicing medicine in the 21st century. The school also conducts cutting-edge biomedical research focused on bettering the human condition and advancing our fundamental understanding of medical science.

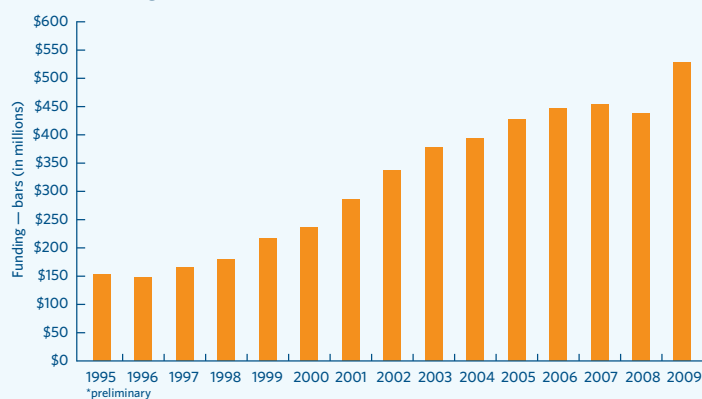
The University of Pittsburgh is a leader among academic medical institutions in the United States in National Institutes of Health (NIH) funding — a universally recognized benchmark of research excellence.

- Together with Children's Hospital of Pittsburgh of UPMC, Magee-Womens Research Institute, and its other affiliates, the University ranked fifth among educational institutions in NIH funding in fiscal year 2008.
- The University joined the distinguished ranks of top 10 NIH-funded academic institutions in 1997 and has steadily climbed the rankings within this elite group since then.

The School of Medicine supports continued research excellence through construction of new facilities, advanced academic programming, and the recruitment of top scientific talent from around the world.

- The University of Pittsburgh spent nearly \$654 million for research of all kinds in fiscal year 2009, with more than 80 percent devoted to research in the health sciences. University research spending from all sources has grown nearly 5 percent over the previous two fiscal years.
- The 10-story, 335,000-square-foot Biomedical Science Tower 3, opened in 2005, houses the Center for Vaccine Research; the Drug Discovery Institute; the structural biology and computational biology programs, which are among the most advanced in the country; and the Pittsburgh Institute for Neurodegenerative Diseases, among other programs. In addition, the University leases 145,000 square feet of research space in the Bridgeside Point II building near campus.
- The 218,000-square-foot John G. Rangos Sr. Research Center at Children's Hospital of Pittsburgh of UPMC opened in 2008, and Magee-Womens Research Institute doubled its research space with a new facility in 2007.
- Projects in the planning stages include construction of a biomedical research and biotechnology center near Palermo, Italy, being funded in part by the Italian government and jointly overseen by the School of Medicine and UPMC.

NIH Funding to Pitt 1995-2009*



The University of Pittsburgh is nationally recognized for its educational excellence and commitment to the advancement of biomedical science.

- The School of Medicine has received a maximum five-year cycle length from the Accreditation Council for Graduate Medical Education. This is a longer period of time than that given to many peer institutions, including Johns Hopkins, Massachusetts General, Stanford, the University of Pennsylvania, and Yale.
- Areas of research excellence in the School of Medicine include drug discovery and design; vaccine development; organ transplantation/immunology; stem cell biology and tissue engineering; medical device development; vascular biology; cancer research and therapy; cardiology and cardiovascular biology; bioinformatics and computational biology; psychiatry, neurobiology, systems neuroscience, and neurological surgery.
- In 2008, the School of Medicine received the American Medical Student Association's Paul R. Wright Award for Excellence in Medical Education for its emphasis on revitalizing professionalism in medical education.
- The School of Medicine enjoys strong collaborative relationships across departments, as well as with all of the University of Pittsburgh and its Schools of the Health Sciences, UPMC, Carnegie Mellon University, and corporate partners such as Intel and RAND.

Admissions to the School of Medicine are increasingly competitive, attracting top-quality students from around the globe.

- For 2009, the School of Medicine received 5,202 applications for admission and interviewed 974 prospective students, for a first-year class of 150 members.
- Students' 2009 average medical college admission test scores of 11.68 represent the highest in the school's history. A total of 44 percent of medical students received merit scholarships. In addition, there were 300 PhD students registered in the medical school for 2009-10.

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- The School of Medicine has 569 students: 257 women (45 percent) and 312 men (55 percent). Of these students, 176 (31 percent) are Pennsylvania residents.
- Students consistently score above the national mean and enjoy a higher-than-average pass rate on the U.S. Medical Licensing Examination, which entails a basic sciences test at the end of the second year and clinical knowledge and skills tests in the fourth year.
- In 2009, 60 percent of School of Medicine graduates matched to coveted residencies in premier centers, including Barnes-Jewish Hospital; Brigham and Women's Hospital; Duke University Medical Center; the Hospital of the University of Pennsylvania; Johns Hopkins Hospital; Massachusetts General Hospital; UCLA Medical Center; University of California, San Francisco Medical Center; University of Chicago Medical Center; University of Washington Affiliated Hospitals; and UPMC.
- School of Medicine students in the classes of 2008 and 2009 authored more than 85 completed abstracts, 65 national presentations, and 155 peer-reviewed journal publications. In addition, students received more than 35 national research awards.
- Project work by students in the class of 2009 resulted in 14 fellowships, grants, or other national awards; 25 School of Medicine awards; co-authorship of 100 peer-reviewed papers; and more than 132 national presentations and abstracts.
- The School of Medicine offers opportunities for students to pursue in-depth study in various areas of concentration, including health care to underserved populations, global health, women's health, neuroscience, and patient safety, as well as international study programs in Africa, Asia, Europe, and South America.
- Through its Interdisciplinary Biomedical Graduate Program, the School of Medicine offers doctoral degrees in biochemistry, molecular genetics, cell biology, physiology, immunology, microbiology, virology, pathology, and pharmacology. Other graduate programs include training in biomedical informatics, clinical and translational science, computational biology, neuroscience, molecular biophysics and structural biology, integrative molecular biology, and medical education.

School of Medicine students and faculty members are committed to giving back to the community through service and reinvestment.

The School of Medicine provides exceptional resources to sustain success.

- As of July 9, 2009, the School of Medicine had 2,092 regular and 2,028 volunteer faculty members. Sixty-seven currently are members of the Academy of Master Educators, which recognizes and rewards excellence in medical education.
- The School of Medicine encompasses 29 diverse departments ranging from traditional disciplines like anesthesiology, pediatrics, and orthopaedics to newer scientific programs that integrate advanced concepts in biomedical informatics and computational, structural, and developmental biology.
- Residents and fellows at the School of Medicine can take part in 110 programs throughout the teaching hospitals of UPMC, making UPMC the third largest sponsoring institution in the United States. Within the past five years, 68 program directors have received commendations from residency review committees in their areas of specialty.
- The Health Sciences Library System supports the educational, research, clinical, and service activities of the health sciences community of the University of Pittsburgh and UPMC through development and provision of innovative information services and a comprehensive collection of electronic and print resources.
- All medical students engage in a scholarly project to help them learn the scientific method by developing a hypothesis and collecting, analyzing, and interpreting data, while enhancing their ability to think independently.
- \$642 million in sponsored research, supporting more than 23,100 jobs.
- \$145.2 million to communities, including sales, wage, and real estate taxes.
- \$1.74 billion in total University-related spending.
- Research also drives new product development and promotes entrepreneurship and the commercialization of technology.
- A U.S. Department of Commerce analysis estimates that 36 jobs are created for every \$1 million in research and development expenditures.
- Pitt already has played a direct organizational or sponsorship role in the formation of some 42 companies.