



NEW YORK MEDICAL COLLEGE  
VALHALLA, NEW YORK 10595  
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## FACTS

### The University

- New York Medical College, with more than 1,400 students, 850 residents and fellows, and 3,000 faculty members, educates physicians, scientists and health care professionals who are highly qualified to assume leadership roles in the fields of health care and biomedical research.
- Advanced degrees are awarded from the School of Medicine (M.D.), the Graduate School of Basic Medical Sciences (M.S., Ph.D.) and the School of Health Sciences and Practice (M.S., M.P.H., D.P.T., Dr.P.H.). Dual degree programs are also offered (M.D./M.P.H., M.D./Ph.D. and D.P.T./M.P.H.).
- The university is affiliated with a network of hospitals and health care facilities in the New York metropolitan area and Hudson Valley region, ranging from large urban medical centers and regional tertiary care facilities to smaller suburban hospitals. The College is affiliated with other educational institutions and programs as well.
- Of the university's 1,685 employees, 1,334 work in Westchester County, representing some \$88 million dollars in annual compensation, making the university a significant factor in the local economy.
- The operating budget for FY 2010-2011 is \$212,665,000.
- The university currently corresponds with more than 12,000 alumni who are actively engaged in medical practice, health care administration, public health, teaching and research throughout the nation and abroad.
- The construction of a \$32.1 million Medical Education Center and the renovation of the Basic Sciences Building (BSB), have significantly expanded the university's ability to provide superior medical education and research capability.
- BSB renovations have resulted in approximately 122,000 sq. ft. of laboratory and office space dedicated to research. The space (18,000 sq. ft.) is configured as open laboratories with core instrument areas in order to provide maximum flexibility for the recruitment of top-level faculty scientists.

### Research

- New York Medical College is the leading academic biomedical research institution between New York City and Albany. As of June 30, 2010, the total value of sponsored research and other programs under management at the College is more than \$35 million.
- These programs are funded by the National Institutes of Health, corporations and other sources. Nearly 60 percent of the university's research funding comes from the NIH.
- The university has special strengths in cardiovascular disease, cancer, disaster medicine, kidney disease, the neurosciences and infectious diseases. More than 200 scientists are engaged in these and other vital research activities.
- Some of the most prestigious and respected biotechnology firms in the region call on the university to supplement their existing resources, find new platform technologies and explore product ideas. The College offers access to centralized research facilities commonly used in drug discovery and development. Biotech companies can interact with university scientists and use sophisticated research equipment at a fraction of the cost associated with development and/or purchase and maintenance.
- University resources include core facilities for functional genomics, confocal and dual photon microscopy, electron microscopy, flow cytometry, mass spectrometry, molecular modeling, phosphorimaging, and protein structure. Also available are the laboratory animal complex, health sciences library, and an instrument and design shop. Additionally, there is a biosafety level-3 laboratory and a stem cell laboratory.

## The School of Medicine

- The School of Medicine, founded in 1860, is among the oldest of the nation's 130 medical schools. It has 794 students. The School received 11,490 applications for 194 places in the first-year class entering 2010.
- The nation's first scholarship program specifically for minority students was established here in 1928.
- More than 850 physicians and dentists are enrolled in more than 54 College-sponsored specialty and sub-specialty residency and fellowship programs and are advancing their medical knowledge and skills at affiliated hospitals.
- Physicians at affiliated hospitals value their access to the university's distinguished faculty, enabling them to enhance their knowledge of the latest technologies and treatments for patients. These hospitals also provide greater depth and variety of learning experiences for medical students and residents as they build their clinical skills.
- Continuing Medical Education programs provide an essential resource for physicians and other health care professionals wishing to advance their knowledge and skills. Thus the College helps maintain the quality of health care throughout the New York region.

## The School of Health Sciences and Practice

- Nearly 500 students are enrolled in the School of Health Sciences and Practice. Most students are employed in settings such as government and public health agencies, clinical practices, hospitals, nursing homes, corporations, biotechnology companies, environmental and pharmaceutical laboratories and community service organizations.
- Master of Public Health degrees are offered in health policy and management, epidemiology, behavioral sciences and health promotion, and environmental health science. A Master of Science degree (M.S.) is offered in a medically-oriented speech-language pathology program.
- The school offers a Doctorate in Physical Therapy (D.P.T.), and a Doctor of Public Health degree (Dr.P.H.) is offered in epidemiology and in health policy and management.
- The Institute of Public Health is the school's primary asset for research, community service and practical hands-on experience for public health master's and doctoral students.
- The Centers of Excellence in the Institute of Public Health focus on interdisciplinary research and training in disaster medicine, disability and health and medical outcomes research.

## The Graduate School of Basic Medical Sciences

- Nearly 200 students are enrolled in the Graduate School of Basic Medical Sciences.
- The school offers M.S. and Ph.D. degrees in cell biology, biochemistry and molecular biology, pharmacology, experimental pathology, physiology, and microbiology and immunology. An array of outstanding doctoral programs enables faculty scientists to train future generations of Ph.D.-level researchers and teachers.
- Master's degree programs educate those who seek to function at the senior technical level in biomedical fields in industry and academic research institutions. Others wishing to attain graduate level mastery of basic medical sciences for careers in business and education, and those preparing for doctoral study in science and health professions, also are enrolled.
- An accelerated master's track in the interdisciplinary basic medical sciences program allows students to take selected pre-clinical medical school courses and complete the requirements for a master's in one year.
- The Integrated Ph.D. Program was launched in 2005. Focusing on core scientific knowledge and the interrelatedness of basic medical science disciplines, the new curriculum provides students with an opportunity to rotate through three different laboratories before declaring an area of interest and provides a collegial and supportive atmosphere for students.

## The Leadership

- Ronald F. Poe, Chairman, Board of Trustees
- Karl P. Adler, M.D., President and Chief Executive Officer
- Ralph A. O'Connell, M.D., Provost and Dean, School of Medicine
- Francis L. Belloni, Ph.D., Dean, Graduate School of Basic Medical Sciences
- Robert W. Amler, M.D., Dean, School of Health Sciences and Practice

*For more information, please contact the Office of Public Relations at (914) 594-4536.*