



HOFSTRA NORTHWELL  
**SCHOOL of MEDICINE**  
AT HOFSTRA UNIVERSITY<sup>SM</sup>



**Hofstra Northwell School of Medicine**  
*Transforming Medical Education*  
*Building the Next Generation of Physicians and Scientists*



Hofstra Northwell School of Medicine at Hofstra University



## Leadership



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### **Lawrence G. Smith, MD, MACP**

Founding Dean

*Teaching tomorrow's doctors is both a tremendous challenge and an extraordinary opportunity. Here, at the Hofstra Northwell School of Medicine, we embrace this opportunity to change the model of educating the next generation of physicians. Our innovative curriculum integrates the clinical and the scientific from day one of a student's education.*

In this new model of physician training, basic science, humanism, communication skills, clinical decision-making, innovation and respect for patients are integrated throughout the four-year curriculum to produce scientifically sophisticated, humane, team-oriented caregivers.

We believe that with this kind of real-life experience, our graduates will become leaders among their peers and sought after by patients.

### **David Battinelli, MD**

Dean for Medical Education

*Students at our school learn in a revolutionary, highly participatory curriculum that emphasizes patient-centered care and an interdisciplinary team approach to medicine.*

Our curriculum was developed by faculty from more than 20 departments of the School of Medicine and other schools at Hofstra University. Guided by teams of experienced clinicians and medical scientists, students put their learning into action, from the very beginning of their training, in state-of-the-art facilities at one of the country's leading health care systems.

Working together, we have successfully established the medical school of the future by offering a highly integrated curriculum that aligns physician training with a rapidly changing health care environment.

## About Us

*Hofstra Northwell School of Medicine at Hofstra University*

**Launched in 2008, the Hofstra Northwell School of Medicine at Hofstra University is the first allopathic medical school to open in New York state in more than 40 years.**

Hofstra University and Northwell Health System are partners in the establishment and operation of the School of Medicine, an institution built upon the strong clinical and graduate medical education programs of Northwell Health, and the robust research and academic programs of Hofstra University and The Feinstein Institute for Medical Research.

This dynamic collaboration offers highly motivated and academically talented prospective physicians the opportunity to study medicine within an innovative curriculum that integrates academic course content with hands-on clinical experiences throughout the four-year program. It is a new approach to learning that combines the biomedical, biopsychosocial and clinical medicine needed to prepare tomorrow's health care professionals — starting on the first day of medical training.

### Fast Facts

#### Mission

The Hofstra Northwell School of Medicine at Hofstra University, in a culture of community, scholarship, and innovation, is dedicated to inspiring diverse and promising students to lead and transform medicine for the betterment of humanity.

#### Accreditation

Fully accredited by the Liaison  
Committee on Medical Education  
2450 N Street, NW, Washington, D.C. 20037  
• [lcme.org](http://lcme.org)

#### Degrees Offered

- MD (Doctor of Medicine)
- MD/MPH (Master of Public Health)
- MD/PhD (Doctor of Philosophy,  
Molecular Basis of Medicine)
- PhD (Molecular Basis of Medicine)

#### Faculty: 2,400

- Academic Departments: 25

#### Students (per class): 100

- Annual MD Applicants: Approximately 6,200
- Average Overall GPA: 3.7 • Average MCAT: 34

#### Applications

- Begin: June 1 • Deadline: December 1

#### Financial Aid

The School of Medicine is committed to supporting students with need-based financial aid, including assistance from our team of dedicated financial planners who can help obtain public/private funding for medical education.

### Core Values

**Our core values provide the experiences and mentorship necessary for the transformation of our students into caring and excellent physicians who embody, and will be recognized by, these values in their professional lives.**

- Community ■ Learning ■ Scholarship ■ Patient-centeredness ■ Diversity
- Professionalism ■ Humanism ■ Reflection ■ Innovation ■ Vision



## Faculty

### *Renowned Educators*

The faculty of the School of Medicine includes nationally and internationally recognized medical educators, clinicians and scientists who represent diverse specialties and a wide range of interests.

In addition, unlike other institutions, the School of Medicine offers a uniquely distinct Science Education Department devoted solely to the teaching of the biomedical and biopsychosocial sciences.

- Faculty members include full-time educators dedicated entirely to teaching and clinical care in Northwell Health.
- Faculty open-door policy creates an accessible and collegial environment and reflects professors' engagement with their students.

School of Medicine faculty and other Northwell Health professionals are actively involved in the planning and delivery of lectures and laboratory sessions, offering students access to Northwell Health's clinical practitioners and the full spectrum of School of Medicine faculty.

## Students

### *Motivated Learners*

Our students are adult, independent learners with a passion for humanistic medicine. The School of Medicine seeks applications from prospective students who are excited about participating in an innovative curriculum.

Beginning with a charter class of 40 students in 2011, the School of Medicine increased enrollment by 20 students per class in the years to follow. Maximum enrollment is 100 students per class.

- Applicants come from varied backgrounds, majors, careers, and all parts of the country.
- Students in attendance represent nearly 25 states and over 80 colleges/universities, including the top 20 undergraduate institutions in the United States.

Prospective students apply for admission online through the American Medical College Application Service (AMCAS). The School of Medicine invites students whom it deems to be strong candidates for personal interviews. Offers of admission are extended on a rolling basis.

The School of Medicine's Office of Diversity and Inclusion promotes the recruitment, retention and advancement of a diverse faculty and student body, with a focus on underrepresented minorities in health care. The office is dedicated to enhancing a diverse and promising student body to lead and transform medicine for the betterment of humanity.



## Medical School Curriculum

*Integrated Academics, Clinical Experiences, Community Service*

**The School of Medicine emphasizes eight core competencies to measure student achievement throughout the four-year curriculum that is based on:**

- Medical knowledge
- Patient care
- Interpersonal skills/communication
- Professionalism
- Practice-based learning and improvement
- Systems-based practice
- Research and scholarship
- Population health

For students at the School of Medicine, learning is about putting growing knowledge into action as members of a health care team. Beginning in the first year, medical students can expect to:

- Train and become licensed as emergency medical technicians, and participate as staff on ambulance calls.
- Work side-by-side with physicians and other health care professionals for a minimum of one afternoon per week.
- Actively join in the coordinated care of a panel of patients while developing an understanding of the social and cultural factors that impact health and illness.

Integrated with study and training, students also reach beyond the School of Medicine and clinical environment into the surrounding community to learn through service and develop a sense of social responsibility. Hofstra University and Northwell Health have a strong history of partnering with community-based organizations to address issues and concerns.

Student-led outreach efforts include teaching elementary-age children about hand-washing and healthy habits; fundraising for childhood cancer, women's heart health, and other causes; extending CPR training and wellness instruction to underserved populations; and caring for patients in need at the Hofstra Northwell Free Clinic in Queens, New York. Hofstra Northwell students also mentor young people in our Medical Scholars Pipeline Program — a summer learning opportunity at the School of Medicine for high school students from groups underrepresented in medicine.





## Program Summary

*From the First to Second 100 Weeks and Beyond*

**The Hofstra Northwell School of Medicine at Hofstra University has a fully integrated curriculum that enables students to apply medical science to the care of patients from the beginning of their medical education and throughout their educational program.**

**The First 100 Weeks of the MD curriculum includes normal and abnormal molecular, cellular, and organ physiology, as well as pharmacology and therapeutics. Structure lab time integrates normal and abnormal anatomy, embryology, histology, pathology, imaging, physical diagnosis and ultrasound. Two key components of the First 100 Weeks are a longitudinal, community practice-based clinical experience, known as the Initial Clinical Experience (ICE), and classroom sessions that focus on non-biological sciences and core clinical skills.**

During the Second 100 Weeks of the curriculum, students participate in the Advanced Clinical Experience (ACE). Consistent with the school's guiding principles, ACE continues to integrate scientific and clinical learning. However, in ACE, the ratio of clinical time-to-classroom time is increased. Student experiences are designed with an increasing focus at two tertiary hospital campuses, which provide exposure to more acute illnesses as the students progress in their clinical ability.

The Third Year is composed of 48 weeks, each divided into three 12-week blocks in the core disciplines of internal medicine, surgery, pediatrics, obstetrics/gynecology, neurology, and psychiatry. Each of the three blocks is followed by a Reading Week, and a Reflection, Integration and Assessment Week. The year includes a total of six weeks of selectives in the specialties and subspecialties of medicine.

The Fourth Year, "Preparation for Residency," includes three required acting internships in medicine or pediatrics, critical care and emergency medicine. These acting internships are designed to prepare students for residency and the level of responsibility expected during postgraduate training. With faculty guidance, students customize their experiences with electives in clinical medicine and research.

**Students enrolled in the MD/PhD program complete the MD curriculum as well as four longitudinal seminar courses in Critical Readings and Topics in Translational Medicine; Model Organisms in Biomedical Research; Rational Drug Design and Research Ethics; and Responsible Conduct of Research. For approximately three years, students conduct significant, original scholarly research resulting in a thesis and a peer-reviewed publication.**

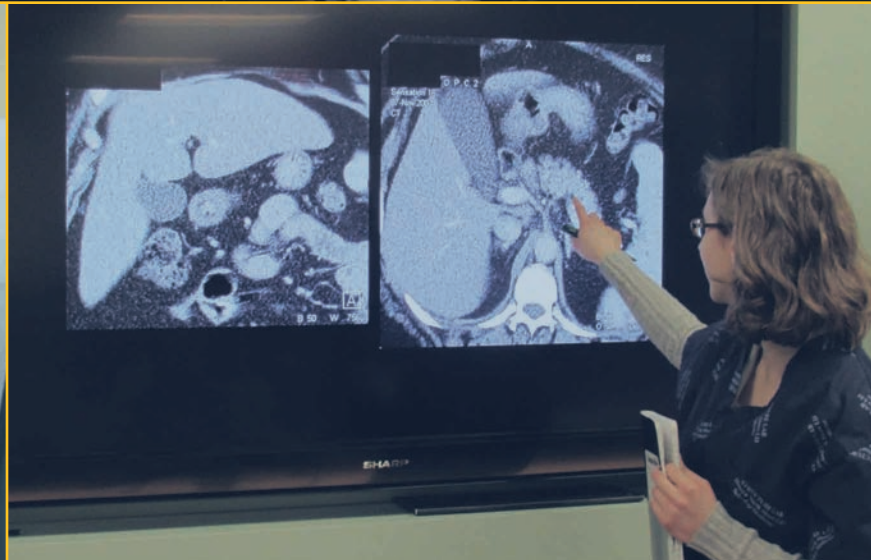
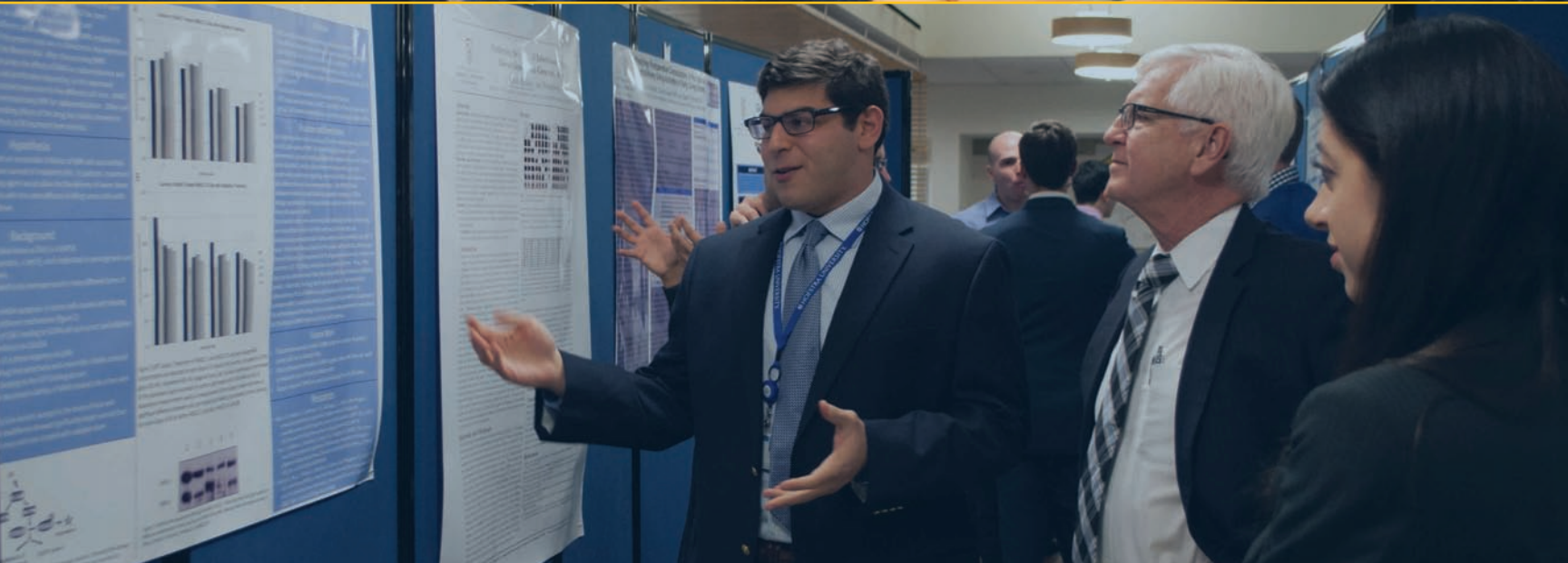
Through the interdisciplinary training of the MD and MPH programs, students complete a five-year integrated program culminating in a dual MD/MPH, combining skills and experiences to enter careers in clinical medicine as well as research, community health, international health, policy, and population health. Complementing the full MD program, students complete the expedited 12-month Master of Public Health curriculum at Hofstra University, including theoretical course work and practical experiences in research methods, health policy, social determinants of health, epidemiology, and global health.

The PhD program of study trains individuals to pursue scholarly activity in biomedical, translational and clinical research with the goal of transforming and improving medical care. The unique aspects of this program are the emphasis on the study of human disease and on application of that study to clinical practice.



# Medicine and Research

*From Bench to Bedside*





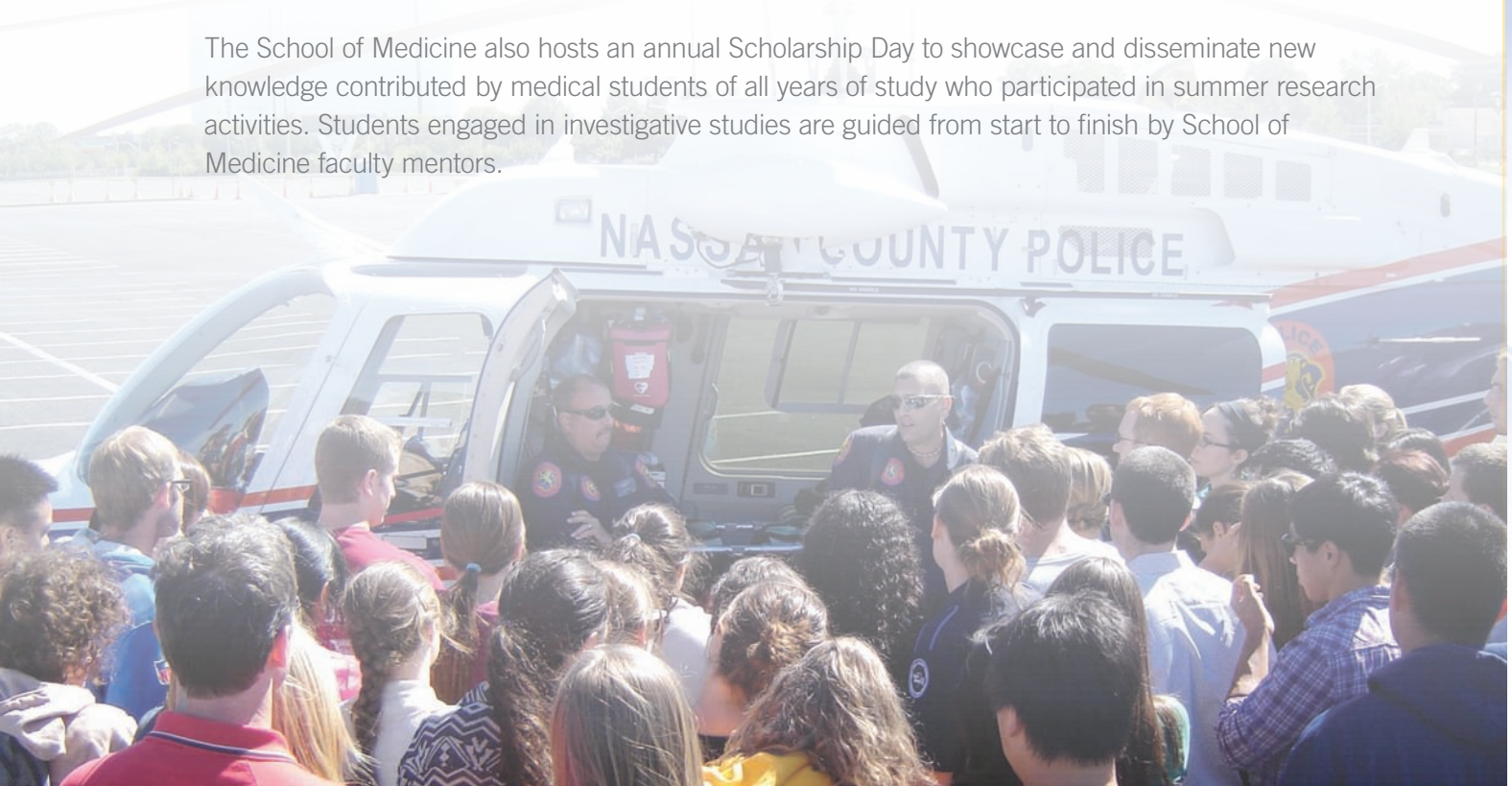
**The School of Medicine emphasizes the importance of discovery and innovation in the process of learning and in helping patients. Through partnerships with clinical services and laboratories within Northwell Health and externally, our faculty and students are engaged in all forms of collaborative research, in particular, investigations involving the underlying biological process of disease for use in development of new therapies and diagnostics.**

All medical students benefit from the extensive resources of the School of Medicine, The Feinstein Institute for Medical Research and Cold Spring Harbor Laboratory in a collaboration that equips students for the accelerating pace of medical research and scientific discovery in the years ahead. The school's affiliation and faculty connection to both The Feinstein Institute and Cold Spring Harbor Laboratory offer unlimited opportunities to all students to conduct basic and translational investigations in areas such as immunology, bioelectronic medicine, neuroscience, cancer biology, genetics and genomes.

- Each year, the School of Medicine admits four MD/PhD students who, over seven to eight years, complete both the MD degree program requirements and the requirements for awarding of the PhD in the Molecular Basis of Medicine.
- Approximately 70 percent of students engage in research during the summer after their first year of study, and nearly 100 percent do so by graduation.

Students engage in research projects, locally and overseas, that cover a wide range of health issues. Many partner with top research investigators from The Feinstein Institute, Cold Spring Harbor Laboratory, and other areas of Northwell Health, while others travel abroad to work on public health projects, such as studying health issues of Haitian workers in the Dominican Republic.

The School of Medicine also hosts an annual Scholarship Day to showcase and disseminate new knowledge contributed by medical students of all years of study who participated in summer research activities. Students engaged in investigative studies are guided from start to finish by School of Medicine faculty mentors.



## Academic and Clinical Facilities

*On and Off Campus*

**Located on Hofstra University's campus, the Hofstra Northwell School of Medicine features a new addition to the main medical education center. Connected to the existing 50,000-square-foot east wing of the School of Medicine building (formerly home of the New York Jets summer training facility), the expanded structure adds 63,000 square feet of classroom and office space.**

Hofstra Northwell School of Medicine's facility features an open, contemporary, yet inviting space and seamless design that complements the original building wing and is punctuated by small group rooms, a multipurpose area, 240-seat lecture hall, and Structure Laboratory (Lab) offering the latest medical technology. The decor and layout also feature indoor and outdoor dining and lounge retreats to inspire socialization, collaboration and community. The facility is designed to meet the highest standards for LEED Silver Rating, a benchmark in green building design and sustainability.



Take the Hofstra Northwell virtual tour. Scan the barcode with your smartphone.

### Structure Laboratory

The 7,300-square-foot Structure Lab offers significant capacity, allowing room for more than 125 individuals. Approximately 7,000 square feet of the new Structure Lab is composed of a large open dissection teaching space and work area. Additional Structure Lab space includes model storage and an embalming lab for anatomical model preparation/storage; environmental room; medical waste storage; preparation room; and locker areas for men and women. The lab also features built-in telecommunication technology/computers, large monitors, and state-of-the-art surgical lighting.

### The Health Sciences Library

The Health Sciences Library at the School of Medicine is the hub for information literacy, connecting students and faculty to comprehensive resources and services that support learning, scholarship, innovation, patient-centered clinical care, and improving the health of the community. Thousands of electronic journals, textbooks, and databases can be accessed 24/7 from the Hofstra University Axinn Library Web page both on campus and off-site.

In addition to School of Medicine main campus facilities, students train within and have access to Northwell's network of hospitals, community health organizations, learning and research centers that includes:

- The Center for Learning and Innovation    ■ Bioskills Education Center
- Patient Safety Institute    ■ The Feinstein Institute for Medical Research
- Cold Spring Harbor Laboratory

*See inserts for more information about these affiliate centers and institutions.*

**Together, these state-of-the-art facilities and our team of distinguished educators are shaping the next leaders in science and medicine.**





**medicine.hofstra.edu**

**medicine.admissions@hofstra.edu**



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**Learn more.**  
Scan the barcode  
with your smartphone  
for a video about the  
School of Medicine.

Hofstra University is committed to extending equal opportunity to all qualified individuals without regard to race, color, religion, sex, sexual orientation, gender identity or expression, age, national or ethnic origin, physical or mental disability, marital or veteran status in employment and in the conduct and operation of Hofstra University's educational programs and activities, including admissions, scholarship and loan programs, and athletic and other school-administered programs. For additional contacts and related policies and resources, see [hofstra.edu/eoe](http://hofstra.edu/eoe).

In compliance with the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act and other federal law, detailed information on campus security and fire safety, including statistics, is available by accessing the Hofstra website at [hofstra.edu/campusafetyreport](http://hofstra.edu/campusafetyreport) or by contacting the Advisory Committee on Campus Safety. Crime statistics are also available at the U.S. Department of Education website at [ope.ed.gov/security](http://ope.ed.gov/security). The Advisory Committee on Campus Safety will provide upon request all campus crime and fire safety statistics as reported to the U.S. Department of Education. For additional information or a paper copy of the report, please call the Department of Public Safety at 516-463-6606.