



**DONALD AND BARBARA
ZUCKER SCHOOL of MEDICINE
AT HOFSTRA/NORTHWELL**

AT A GLANCE

Established in 2008, the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell was founded by two equal partners: Hofstra University and Northwell Health. The school is built upon the strong clinical and graduate medical education programs of Northwell, as well as the robust research and academic programs of both Hofstra and Northwell's Feinstein Institute for Medical Research. The Zucker School of Medicine has been recognized among the top medical schools nationwide for medical research (*U.S. News & World Report Best Graduate Schools*, 2017, 2018, 2019), and enrolls a diverse community of over 400 students.

LEADERSHIP

Lawrence G. Smith, MD, MACP, *Founding Dean*
David Battinelli, MD, *Vice Dean for Medical Education*

ACCREDITATION

Fully accredited by the Liaison Committee on Medical Education, www.lcme.org

DEGREES OFFERED

- MD: Doctor of Medicine
- MD/PhD: Dual Doctor of Medicine/Doctor of Philosophy, Molecular Basis of Medicine
- MD/MPH: Joint Doctor of Medicine/Master of Public Health
- MD/MBA: Joint Doctor of Medicine/Master of Business Administration
- PhD: Doctor of Philosophy, Molecular Basis of Medicine
- Hofstra 4+4 Program: BS-BA/MD: Dual Bachelor of Arts or Bachelor of Science/Doctor of Medicine

STUDENTS: 99 per class

Annual MD Applicants: Approximately 5,300
Median Overall GPA: 3.80
Median MCAT: 516

FACULTY: 3100+

Academic Departments: 25

HISTORICAL TIMELINE

- **2008** Hofstra University and North Shore-LIJ Health System enter into a joint agreement to form the first allopathic medical school in New York in nearly 40 years.
- **2009** The Medical Scholars Pipeline Program begins for high-achieving, underserved high school students interested in careers in health care.
- **2011** The inaugural class of 40 men and women begins medical studies.
- **2012** The medical school publishes its first literary journal, *Narrateur: Reflections on Caring*.
- **2013** Construction begins on a 65,000-square-foot expansion of the medical school's original 48,000-square-foot building, formerly the training facility for the New York Jets football team.
- **2014** The medical school launches The Osler Society, part of the Humanities in Medicine program, for students and health professionals to explore, foster, and unite the arts with the practice of medicine.
- **2015** The medical school unveils new, ultramodern 113,000-square-foot education facility, receives full LCME accreditation, and marks the graduation of its first class.
- **2016** The medical school is renamed Hofstra Northwell School of Medicine to parallel the rebranding of North Shore-LIJ Health System to Northwell Health.
- **2017** Donald and Barbara Zucker, New York philanthropists and Northwell's leading lifetime donors, make a generous gift of \$61 million in support of the next generation of health professionals – earmarking \$50 million for medical student scholarships. In recognition, the medical school is renamed the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell.

CURRICULUM HIGHLIGHTS

The innovative curriculum at the Zucker School of Medicine fosters a learning environment that values independent study and early patient interactions. Training is divided into the First 100 Weeks (Years 1 and 2) and Second 100 Weeks (Years 3 and 4). The school also offers a unique Science Education Department, with full-time educators dedicated entirely to teaching biomedical, biopsychosocial, and clinical sciences.

- **EMT Training: The First Eight Weeks**

During the first eight weeks of the medical school's curriculum, students train and are certified as emergency medical technicians by working shifts on Northwell Health ambulances and responding to 911 calls. This training is one of the core elements of the First 100 Weeks of the school's groundbreaking academic course work.

- **PEARLS**

The foundation of the medical school's curriculum during the First 100 Weeks is an innovative educational method called PEARLS – Patient-Centered Explorations in Active Reasoning, Learning, and Synthesis. PEARLS cases start with a common patient scenario that gives students a chance to explore biomedical science issues through an active learner-centered process involving self-directed collaborative learning with their peers. Students and a facilitator meet in small groups three times a week to explore basic science concepts in the setting of clinical cases.

- **Initial and Advanced Clinical Experiences**

Students learn about the importance of patient-centered care across all four years of their education. Integral to this approach to learning is the students' exposure to direct and consistent patient care during the Initial Clinical Experience of the First 100 Weeks and the Advanced Clinical Experience of the Second 100 Weeks in both inpatient and ambulatory settings.

- **Structure Lab**

The Structure Lab integrates all the disciplines of anatomy under one roof, combining the best of traditional methods with the latest digital imaging. In this state-of-the-art setting, students learn normal gross anatomy, histology, and embryology alongside pathology, medical imaging, ultrasound, and physical diagnosis. During each Structure session (First 100 Weeks), students rotate in small groups with the guidance of a faculty facilitator through a series of stations designed to apply their understanding of biomedical science to clinical problems.

- **Simulation Training**

As part of the first-year experience, medical students spend many hours at Northwell Health's Center for Learning and Innovation and its Patient Safety Institute, where they learn and strengthen their clinical skills through the use of simulation education. Simulation education with standardized patients and high-fidelity mannequins provides a critical bridge between classroom learning and real-life clinical experience.

RESEARCH

Medical students also train at the world-renowned Feinstein Institute for Medical Research (the research arm of Northwell Health) and Cold Spring Harbor Laboratory. These resources provide a strong foundation upon which to expand basic science, translational, health services, and clinical research efforts championed by the Zucker School of Medicine.

- Approximately 70 percent of students engage in research between the first and second year of training, and nearly 100 percent do so by graduation.
- Due to the generosity of donors, 100 percent of summer research projects receive funding from the Zucker School of Medicine.

OUTREACH

Zucker School of Medicine staff and students participate in a variety of initiatives that connect to our local communities. These initiatives, many of which are annual programs, include health education in hospitals, community fairs, and elementary schools; mentoring young students interested in science and medicine; volunteering at local shelters and food pantries; and supporting medical research through fundraising for childhood cancer, women's health, and other causes. Students also engage with local and national organizations that support service-learning opportunities, including the school's free clinic, which serves the primary health care needs of uninsured patients.

- **Medical Scholars Pipeline Program**

Established in 2009, the Medical Scholars Pipeline Program is a multiyear, four-week summer program for young scholars from underserved areas. The program works collaboratively with the Gateway Institute for Pre-College Education at The City College of New York and has expanded to include Lenox Hill Hospital in Manhattan. To date, nearly 150 students have participated in the program, including 75 students who completed the three-year curriculum, and 100 percent of program graduates have enrolled at prestigious universities. Several program graduates have enrolled at professional health care schools, including the Zucker School of Medicine.

- **Student-Run Free Clinic**

Managed by medical students with the support of on-site faculty-physicians, the Zucker School of Medicine Free Clinic in Rego Park (Queens), New York, offers annual physicals, sick visits, vaccines, blood work, electrocardiograms, and much more for patients in need. For more information, call 631-393-5650, weekdays from 9 a.m. to 5 p.m.

Location and Contact Information

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