



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



*Transforming Medical Education*

500 Hofstra University, Hempstead, NY 11549-5000 | [medicine.hofstra.edu](http://medicine.hofstra.edu)



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ZUCKER SCHOOL *of* MEDICINE  
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## Leadership



### **David L. Battinelli, MD**

*Dean*

*Betsey Cushing Whitney Professor of Medicine*

*Donald and Barbara Zucker School of Medicine at Hofstra/Northwell*

**When we began this journey, we didn't set out to disrupt medical education but soon realized that's just what was needed to prepare our future doctors to meet tomorrow's healthcare challenges. Today, the success of the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell is a model for other medical schools across the country, and we have only just begun. In relentless pursuit of our mission to inspire diverse, promising students to lead and transform medicine for the betterment of humanity, we continue to turn medical education on its head, and we invite you to take this exciting and inspirational journey with us.**

Welcoming our first class of students in 2011, the Zucker School of Medicine launched a unique approach to medical education that challenged the traditional model of training that has existed since the early 20th century. Developed by a multidisciplinary team of clinicians and scientists from more than 20 departments at Northwell Health, in collaboration with Hofstra University, our curriculum structure merges class time, independent learning, scientific inquiry, and real-life application beginning day one of a student's medical education. Our goal is to produce doctors who are prepared to meet the demands of the nation's changing health care environment.

Today, the Zucker School of Medicine ranks highly for research, an unprecedented gain in reputation and measure of excellence that is on par with leading institutions nationwide and close to home. In just a short period, we have proven – through the success of our graduates – that our application-based, patient-centered approach to educating the next generation of physicians and scientists benefits our students and the patients they will serve.

Our vision for change has inspired a new movement in medical education throughout the country. It is a revolution in learning and health care that will produce the best clinicians, educators, and innovators in medicine for years to come.

## About Us

*Donald and Barbara Zucker School of Medicine at Hofstra/Northwell*

Established in 2008, the Zucker School of Medicine was founded by two equal partners: Hofstra University and Northwell Health. The Zucker School of Medicine 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 University and Northwell's Feinstein Institutes for Medical Research, including a partnership with Cold Spring Harbor Laboratory.

Our vision for the Zucker School of Medicine was to create an innovative, student-centered curriculum that leverages the vast clinical resources of Northwell Health and integrates academic course content with hands-on clinical experiences. This unique approach to learning 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

### Accreditation

The Zucker School of Medicine at Hofstra/Northwell is fully accredited by the Liaison Committee on Medical Education (LCME.org).

### Degrees Offered

- MD (Doctor of Medicine)
- MD/PhD (dual Doctor of Medicine/Doctor of Philosophy, Molecular Basis of Medicine)
- MD/OMS (dual Doctor of Medicine/Certificate in Oral and Maxillofacial Surgery)
- MD/MPH (joint Doctor of Medicine/Master of Public Health)
- MD/MBA (joint Doctor of Medicine/Master of Business Administration)
- PhD in the Molecular Basis of Medicine
- Hofstra 4+4 Program: BS-BA/MD (dual Bachelor of Arts or Bachelor of Science/Doctor of Medicine)

**Faculty:** 4,000+

- Academic Departments: 25

### Mission

The Zucker School of Medicine at Hofstra/Northwell, 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.

**Students (per class):** 100

- Annual MD Applicants: Approximately 5,500
- Median Overall GPA: 3.85 • Median Overall MCAT: 518

### National Residency Match

Zucker School of Medicine graduates have successfully matched into highly competitive residency programs across the country in a wide variety of specialty areas.

### Location

Nestled in western Long Island, NY, on the North Campus of Hofstra University, the Zucker School of Medicine is just 25 miles from the excitement of Manhattan and is easily accessible by car or the Long Island Rail Road. Long Island is home to a wide range of attractions, from the world-famous Jones Beach to the renowned Hamptons of the East End. Hofstra's beautiful 244-acre campus is a nationally recognized arboretum that includes lush greenery, flowers, and landscapes to inspire and motivate students.

## Core Values

Our core values shape the experiences and mentoring necessary for the transformation of our students into caring and accomplished 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



# ADMISSION

## MD Admission Requirements

All applicants must have earned a bachelor's degree from an accredited U.S. or Canadian college or university prior to matriculation into the MD program. Applicants must be U.S. citizens or permanent residents. Application materials for the Zucker School of Medicine at Hofstra/Northwell include the following:

- A completed primary application submitted through the American Medical College Application Service ([amcas@aamc.org](mailto:amcas@aamc.org)), including Medical College Admission Test (MCAT) scores (not older than 3 years) and official transcripts from all postsecondary schools attended.
- A Premedical Committee letter. If your school does not have a Premedical Committee, or a considerable amount of time has passed since graduation, you may submit three individual letters of recommendation – two letters from individual professors (at least one in science) and one letter from a nonacademic professional (included with the AMCAS application). Applicants may submit more than three letters of recommendation through AMCAS, though we do not guarantee that all letters beyond the minimum requirement will be reviewed by our Office of Admissions.
- A completed secondary application, including the \$125 application fee. If the applicant is eligible for fee assistance through the Association of American Medical Colleges Fee Assistance Program (AAMC FAP), the secondary application fee will be waived.
- Complete the CASPer™ exam. CASPer™, a 90-minute online situational judgment test, serves to further enhance our holistic application review process by assessing noncognitive skills and identifying personal attributes such as ethics, empathy, cultural sensitivity, collaboration, resiliency, and adaptability. CASPer™ test results are only valid for one admissions cycle. Applicants who have taken the test in previous years will need to retake the exam.

## Recommended Coursework

The Zucker School of Medicine at Hofstra/Northwell believes the study of medicine is enriched by contact with other intellectual disciplines; therefore, it seeks students with a diverse blend of educational credentials. A liberal arts background in classes such as anthropology, history, literature, philosophy, political science, psychology, religion, and/or sociology, which requires students to read broadly, write extensively, and present oral arguments, is highly recommended.

While there are no prerequisites in the natural sciences needed to apply, the Zucker School of Medicine strongly recommends successful completion of the following courses:

- One year of college biology with lab
- Chemistry, to the level of organic or biochemistry
- One year of college mathematics, preferably including statistics
- One year of college physics
- English literature or equivalent, including writing

Additional coursework in cell biology, embryology, ethics, genetics, and molecular biology is helpful, but not required for admission.

## Deadlines

### Early Decision

- AMCAS Application Deadline: August 1
- Secondary Application Deadline: August 31\*

### Regular Decision

- AMCAS Application Deadline: November 1
- Secondary Application Deadline: December 1\*

*\*Applications will not be reviewed until MCAT scores, CASPer™ scores, a Premedical Committee letter or three letters of recommendation, and a completed secondary application have been received.*

For more information about admission criteria and other degree programs at the Zucker School of Medicine, please contact the Office of Admissions at [medicine.admissions@hofstra.edu](mailto:medicine.admissions@hofstra.edu) or 516-463-7519.

# Medical School Core Curriculum

*Integrated Academics, Clinical Experiences*

## First 100 Weeks (Years 1 and 2)

First-year students spend the first eight weeks of the curriculum training and becoming 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 medical school's groundbreaking academic coursework.

Science and clinical knowledge are interwoven during the First 100 Weeks through case-based sessions called PEARLS (Patient-Centered Explorations in Active Reasoning, Learning, and Synthesis). PEARLS sessions are intentionally designed to ensure that students acquire the skills to solve clinical problems by critically evaluating and applying basic and clinical scientific knowledge to socially contextualized patient care.

The First 100 Weeks includes four integrated courses in the first year and three courses in the second year, each of which contains three major components: (1) Mechanisms of Health, Disease, and Intervention, (2) Structure, (3) Patient, Physician, and Society, and (4) Initial Clinical Experience (ICE) clerkship.

### Mechanisms of Health, Disease, and Intervention

- Molecular, cellular and organ physiology, and pathophysiology
- Cellular and organ physiology
- Pharmacology
- Therapeutics

### Structure

- Anatomy
- Embryology
- Histology
- Imaging
- Pathology
- Ultrasound skills

### Patient, Physician, and Society

- Social and behavioral sciences
- Core clinical skills

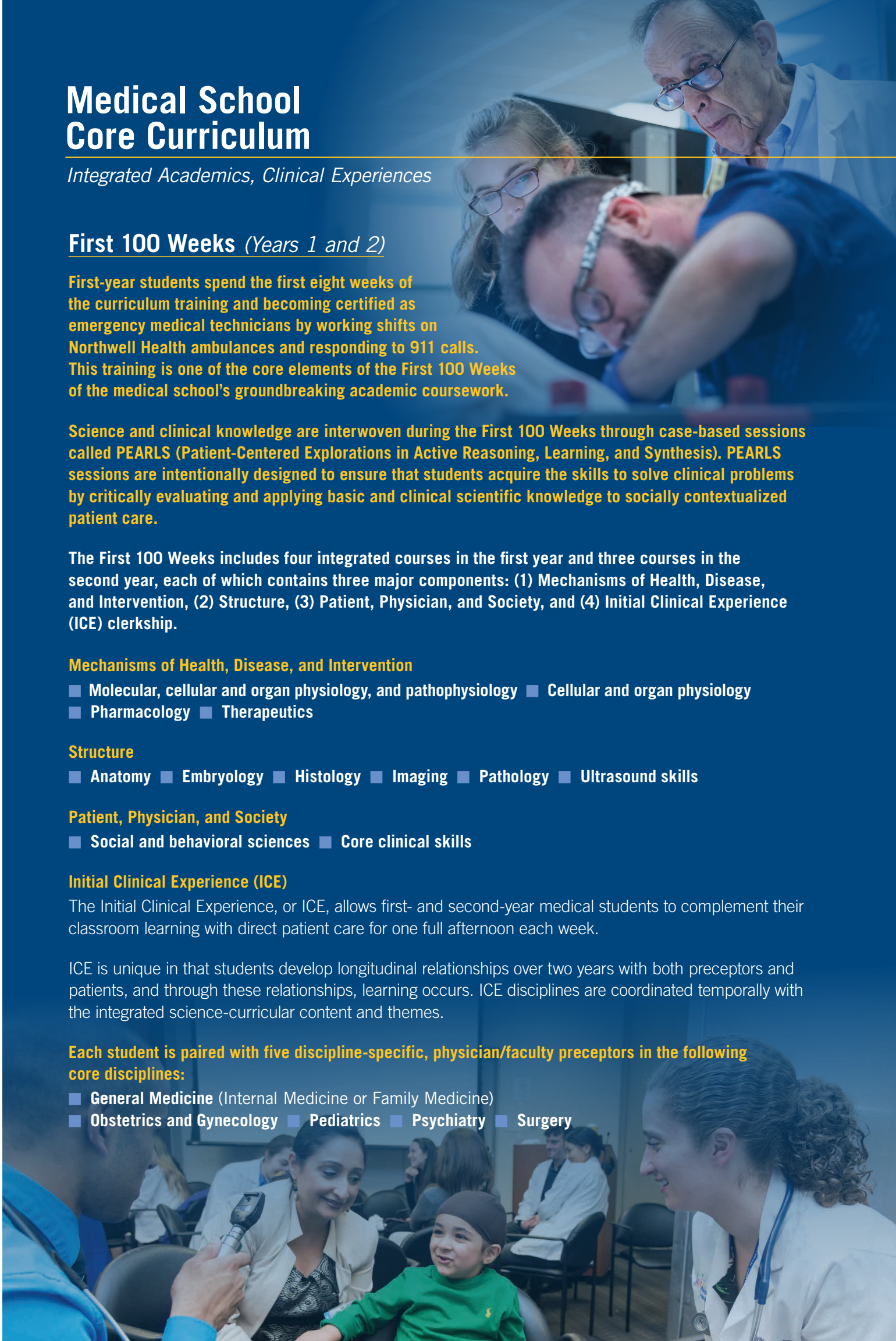
### Initial Clinical Experience (ICE)

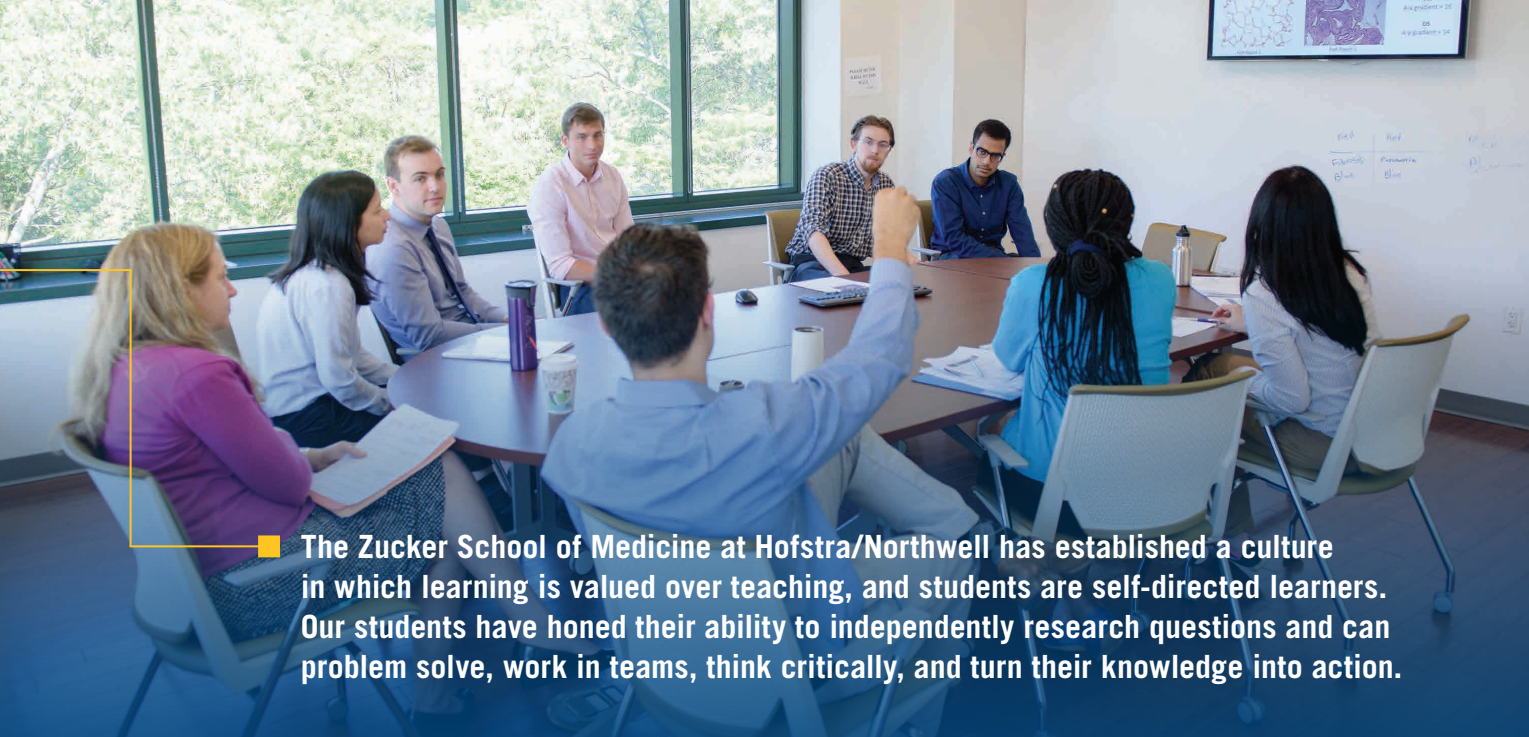
The Initial Clinical Experience, or ICE, allows first- and second-year medical students to complement their classroom learning with direct patient care for one full afternoon each week.

ICE is unique in that students develop longitudinal relationships over two years with both preceptors and patients, and through these relationships, learning occurs. ICE disciplines are coordinated temporally with the integrated science-curricular content and themes.

**Each student is paired with five discipline-specific, physician/faculty preceptors in the following core disciplines:**

- General Medicine (Internal Medicine or Family Medicine)
- Obstetrics and Gynecology
- Pediatrics
- Psychiatry
- Surgery





■ The Zucker School of Medicine at Hofstra/Northwell has established a culture in which learning is valued over teaching, and students are self-directed learners. Our students have honed their ability to independently research questions and can problem solve, work in teams, think critically, and turn their knowledge into action.

## PEARLS

PEARLS is the foundation of our student-centered curriculum during the initial years of training. The goal of PEARLS is for students to learn the key concepts of biomedical science embedded in real patient cases, while also fostering teamwork, leadership, lifelong learning, and reflection.

Each student is assigned to a PEARLS group of eight or nine peers and one faculty facilitator for the duration of a course. The first session of the week involves dissecting two cases and developing specific learning objectives. During the second and third sessions, students work together to synthesize their understanding of the material.

### Essential principles of PEARLS include:

- Challenging students to develop higher cognitive skills of analysis, synthesis, and evaluation (focusing on *how* or *why*, rather than *what*).
- Providing a bridge for linking pre-existing knowledge to new knowledge.
- Encouraging students to consider cases from multiple perspectives, including science, clinical reasoning, prevention, and population health.
- Requiring all individual group members to identify learning objectives and research-related information, and to explain the results of that inquiry during subsequent student-led sessions.

PEARLS cases thoroughly integrate all aspects of the curriculum and provide the structural framework for learning sessions throughout each week.

*“The hands-on experience attracted me to the Zucker School of Medicine. I wanted the clinical experience as early as possible. Here, we begin our Initial Clinical Experiences (ICE) our first year of medical school and get to assist and witness expert physicians in their fields. In most schools, you wouldn’t have that opportunity until your third year.”*

**Kenenna Onyebeke**  
Class of 2025



## Medical School Core Curriculum

*Integrated Academics, Clinical Experiences*

The founders of the Zucker School of Medicine at Hofstra/Northwell sought a significant departure from traditional undergraduate medical education and created a curricular design that includes the following guiding principles:

- A fully integrated four-year science and clinical curriculum
- An adult learner environment that values independent study and self-directed learning
- Built upon experiential and active small group, case-based learning
- Focused on conceptual knowledge in action, not memorizing facts
- Early meaningful patient interactions with emphasis on both individual and population health
- Reflection on the transformation from person to professional

### Second 100 Weeks (Years 3 and 4)

The advanced clinical experiences remain true to the pedagogy established in the First 100 Weeks, incorporating structured exercises that ensure a continuous intertwining of science and clinical medicine so that students learn to apply science successfully in the context of patient care.

#### Advanced Clinical Experience (Year 3)

The Advanced Clinical Experience of the Second 100 Weeks is structured around six core clerkships in both inpatient and ambulatory settings in the following fields:

- |                     |                             |
|---------------------|-----------------------------|
| ■ Internal Medicine | ■ Surgery                   |
| ■ Pediatrics        | ■ Obstetrics and Gynecology |
| ■ Neurology         | ■ Psychiatry                |

Additionally, students are given two opportunities to personalize their course of study by choosing a two-week specialty. For half of the Advanced Clinical Experience, students participate in a community practice-based ambulatory experience called Continuity Clinic.

#### Preparation for Residency (Year 4)

During Preparation for Residency, students are required to complete three acting internships in the fields of:

- Family Medicine, Internal Medicine, Pediatrics, or Surgery
- Emergency Medicine
- Critical Care

These acting internships prepare students for residency and the level of responsibility expected during postgraduate training.

During Preparation for Residency, students also complete elective experiences, and are given dedicated professional development time to focus on study for the United States Medical Licensing Examination (USMLE) Step 2 and the residency application process.





## Guiding Principle: Assessment Drives Learning

The overarching goal of the Zucker School of Medicine at Hofstra/Northwell assessment system is to assist students in becoming reflective practitioners of medicine who embrace lifelong learning opportunities and complement their learning with a critical approach to self-assessment and self-improvement.

The Zucker School of Medicine's comprehensive, competency-based assessment system includes numerous opportunities for tracking each student's developmental progress in the educational program through:

- Direct observation
- Formative feedback
- Self-assessment
- Peer assessment
- Summative assessment

During the First 100 Weeks, assessment mirrors the active learning that occurs in class sessions and is aligned with each of the three curricular components – Mechanisms of Health, Disease, and Intervention; Structure; and Patient, Physician, and Society. Grading in the First 100 Weeks is entirely pass/fail, and performance on individual assessments is reported in a manner devoid of numerical scores to minimize competition and promote teamwork.

### Assessment modalities include:

- Short-answer essay exams
- Faculty/preceptor narrative feedback
- Clinical Skills Exams (CSEs)
- Lab practicals
- Project-based presentations

During the Second 100 Weeks, assessment components align with clinical experiences. The grading system in the Second 100 Weeks consists of honors, high pass, pass, and fail.

### Assessment modalities include:

- National Board of Medical Examiners (NBME) subject exams
- Short-answer essay exams
- CSEs
- Faculty and resident narrative feedback
- Clinical presentations and discussions
- Clinical documentation
- Professionalism performance assessments

*"I truly appreciate the opportunity to have meaningful interactions with every faculty member and student through small-group learning environments, such as PEARLS and Physical Diagnosis. Everyone is supportive of each other; there is not a modicum of competitiveness in the Zucker School of Medicine student body."*

**Eusha Hasan**  
Class of 2026



# MD/PhD Program

## Overview

In addition to receiving their MD degree, students in the MD/PhD program receive their PhD degree in the Molecular Basis of Medicine from the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell. The program trains individuals to pursue scholarly activity in biomedical, translational, and clinical research, with the goal of transforming and improving medical care for the population at large. The unique aspects of this program are the emphasis on both the study of human disease and the application of that study to clinical practice. Students can complete their PhD work in laboratories located within the Feinstein Institutes for Medical Research or Cold Spring Harbor Laboratory.

## Application and Interview Process

Applicants interested in applying to our MD/PhD program should apply through AMCAS and select MD/PhD as their program type. After applying through AMCAS, applicants are notified via email of the Zucker School of Medicine's receipt of a verified application. Please visit [medicine.hofstra.edu/mdphdrequirement](http://medicine.hofstra.edu/mdphdrequirement) for complete application requirements.

## MD/PhD Curriculum and Timeline

Medical students in the MD/PhD program complete the First 100 Weeks of the MD curriculum and take the Step 1 licensing exam. Then they enter the laboratory to begin the PhD phase of the program; this can follow 1-2 clerkships if desired. During this phase of training, students in the MD/PhD program have the opportunity to continue to practice and refine their clinical skills. In partnering with Northwell Health, there are many options available, and arrangements can be tailored with regard to the interest/need of the student. Once the dissertation is complete, various re-entry points allow for students to reintegrate into the MD curriculum for the Second 100 Weeks.

<p><b>Year One (MS1)</b>  <b>MD</b> ▶ MS1 coursework  <b>PhD</b> ▶ <i>Critical Readings and Topics in Translational Medicine</i> course</p>	<p><b>Year Three (PhD1)</b>  <b>PhD</b> ▶ Qualifying exam completed and continued work on PhD project</p>	<p><b>Year Six (MS3)</b>  <b>MD</b> ▶ Advanced Clinical Experience</p>
<p><b>Summer between MS1 and MS2</b>  <b>PhD</b> ▶ Lab Rotations          ▶ <i>Model Organisms</i> course</p>	<p><b>Year Four (PhD2)</b>  <b>PhD</b> ▶ Continued work on PhD project</p>	<p><b>Year Seven (MS4)</b>  <b>MD</b> ▶ Preparation for Residency</p>
<p><b>Year Two (MS2)</b>  <b>MD</b> ▶ MS2 coursework</p>	<p><b>Year Five+ (PhD3)</b>  <b>PhD</b> ▶ Preparation for defense and transition back to MD curriculum          ▶ Students are required to pass their defense before returning to the MD curriculum</p>	<p><i>The required courses Bioinformatics and Ethics and Responsible Conduct of Research are taken during the PhD years.</i>  <i>Year Five may be longer than 12 months, and a student may re-enter the MD curriculum in June, July, October, or November. This results in a shortened MS4 year in which MD requirements are reduced for MD/PhD students.</i></p>

## Contact Information

For more information about the MD/PhD program, please visit [medicine.hofstra.edu/mdphd](http://medicine.hofstra.edu/mdphd).

**For specific questions, please contact:**

- **Betty Diamond**, MD, Director of MD/PhD and PhD Programs, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell ■ Email: [bdiamond@northwell.edu](mailto:bdiamond@northwell.edu)
- **Tiffany Jordan**, MHEA, Assistant Director, Curricular Initiatives and Grants Management, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell ■ Email: [tiffany.m.jordan@hofstra.edu](mailto:tiffany.m.jordan@hofstra.edu)

# Curricular Initiatives

The Donald and Barbara Zucker School of Medicine at Hofstra/Northwell offers numerous learning opportunities that work in conjunction with the MD curriculum and allow students to pursue a second degree, explore specialties, and delve deeper into areas of interest.

## Joint Degrees

### MD/MPH Overview

The MD/MPH joint degree program is for students at the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell interested in acquiring public health knowledge and skills. The educational mission of the MD/MPH program is to prepare physicians with an enhanced understanding of the social, behavioral, economic, and political determinants of health, and the skills necessary to apply this knowledge to improve the health of populations through leadership in patient care, research, education, health care policy analysis, and community empowerment.

### MD/MBA Overview

The MD/MBA joint degree program at the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell is designed for students who are interested in acquiring core business competencies and leadership and decision analysis skills, as well as a strategic perspective of business problems as they relate to the health care environment. The educational mission of the program is to graduate physicians with an enhanced understanding of leadership and management skills while preparing them as potential health care leaders.

### Eligibility and Cost

The MD/MPH and MD/MBA Programs are open to all students enrolled in the Zucker School of Medicine, inclusive of the 4+4 BS-BA/MD program. The suggested timing to enter either of these programs is after completion of year 3 of the MD program. The goal is for students to attain both degrees within a five-year time frame. Accepted students will take a leave of absence from the MD program to complete the majority of their MPH or MBA coursework in one year.

Tuition and graduate fees for the MPH or MBA portions will be evaluated each year and are subject to change. This is in addition to the cost of attendance for the Zucker School of Medicine MD program.

### Contact Information

For specific questions, please contact:

- **Kaushik Sengupta**, PhD, Associate Dean for Graduate Education and Director, Online MBA Program, Frank G. Zarb School of Business ■ Email: [kaushik.sengupta@hofstra.edu](mailto:kaushik.sengupta@hofstra.edu)
- **Martine Hackett**, PhD, Chair, Department of Population Health, School of Health Professions and Human Services ■ Email: [martine.hackett@hofstra.edu](mailto:martine.hackett@hofstra.edu)
- **Tiffany Jordan**, MHEA, Assistant Director, Curricular Initiatives and Grants Management, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell ■ Email: [tiffany.m.jordan@hofstra.edu](mailto:tiffany.m.jordan@hofstra.edu)

### MD/MPH Curriculum

Medical students accepted into the MD/MPH program are granted 6 credits toward the MPH based on the Patient, Physician, and Society component, including the Initial Clinical Experience (ICE) of their First 100 Weeks curriculum, and the Advanced Clinical Experience/Continuity Clinic of the Second 100 Weeks. MD/MPH students are required to complete the remaining 36 credits of public health core courses, including a 3-credit supervised field internship and a 3-credit supervised culminating research experience. Most MD/MPH students use elective time during their fourth year of medical school to complete the field internship and culminating research experience. For detailed curricular information, please visit [medicine.hofstra.edu/education/md-mph](http://medicine.hofstra.edu/education/md-mph).

### MD/MBA Curriculum

MD/MBA students are required to complete 41 credits of business, accounting, and health care strategic management courses, including a 3-credit culminating capstone course. Most MD/MBA students will use elective time (up to a maximum of two electives) during their fourth year of medical school to complete any outstanding coursework. Some courses may be waived if students have applicable previous coursework. For detailed curricular information, please visit [medicine.hofstra.edu/education/md-mba/curriculum.html](http://medicine.hofstra.edu/education/md-mba/curriculum.html).

### Application

Interested students in good academic standing will need to complete a one-page Application Form by March 1 of the year prior to intended matriculation. Applications will be made available by and submitted to the assistant director of curricular initiatives, and then routed to the joint degree program manager.

## Curricular Initiatives

### Scholarly Concentrations

Longitudinal in nature, scholarly concentrations allow students to delve deeper into areas of interest and build on the existing MD curriculum. Scholarly activity occurs throughout all years of the MD program, culminating in a capstone project.

- The Humanities in Medicine (HIM) scholarly concentration allows Zucker School of Medicine students to undertake rigorous independent scholarship in cross-disciplinary fields of interest by studying biomedically relevant topics through the lens of the arts and humanities.
- The Medical Education scholarly concentration is a longitudinal program that focuses on teaching and learning, curriculum development, instructional strategies, medical education research methods, and evaluation and assessment.
- The IMPACcT (Improving Patient Access, Care, and cost through Training) program provides trainees with a mentored primary care experience that integrates education and clinical skills focused on patient-centered care, quality improvement, and population health in an interprofessional, team-based setting.
- The Klar Leadership Development and Innovation Management program focuses on leadership, team building, decision-making, and innovation management, and introduces these topics to medical students through a variety of methodologies, including an eight-week-long summer experience, longitudinal mentorship, case study discussions, health care policy advocacy opportunities, and seminars.

### Certificate Programs

Certificate programs allow students to demonstrate mastery of skills above and beyond what is required by the MD curriculum. While most requirements are fulfilled during the MS3 and MS4 years, students may have the opportunity to participate in these programs starting in the MS1 year.

- The Special Proficiency in Medical Ultrasound certificate program offers a full scope of applications for medical ultrasound with a focus on point-of-care use. Most of the requirements are completed in the fourth year and include an image portfolio, written exam, clinical exam, and educational project.
- The Medical Spanish certificate program is available for students who wish to work toward improving health care communications with the Spanish-speaking community. Program activities include passing assessments and completing clinical requirements.

### Contact Information

For more information about the MD/PhD program, please contact [Tiffany Jordan](#), MHEA, Assistant Director, Curricular Initiatives and Grants Management, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell, [tiffany.m.jordan@hofstra.edu](mailto:tiffany.m.jordan@hofstra.edu).



## Student Research

**The Zucker 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 the development of new therapies and diagnostics.**

All medical students benefit from the extensive resources of the Zucker School of Medicine, which include the Feinstein Institutes for Medical Research (the research arm of Northwell Health) 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. Facilitated by the Zucker School of Medicine Advisory Committee for Student Research and the Office of Medical Student Research, students have the opportunity to choose from several different types of research projects that explore a variety of key areas in medicine. These include short-term and longitudinal studies in basic science, clinical research, community health, medical education, medical humanities, and quality improvement.

- Each year, the Zucker School of Medicine admits four MD/PhD students who, over seven to eight years, complete program requirements for both the MD and the PhD in the Molecular Basis of Medicine degrees.
- At least 85% of students engage in research during the summer after their first year of study, and nearly 100% 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 Institutes for Medical Research, Cold Spring Harbor Laboratory, and other areas, while some travel abroad to work on public health projects, such as studying health issues of Haitian workers in the Dominican Republic.

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





## Faculty

### *Renowned Physicians and Educators*

The faculty of the Zucker School of Medicine at Hofstra/Northwell consists of more than 4,000 nationally and internationally recognized medical educators, clinicians, and scientists who represent a vast number of diverse specialties and wide range of interests. They are leaders in clinical skills education and research, and are engaged in a variety of community service endeavors.

Our faculty members are widely published, and many serve on numerous editorial boards and national study sections. We have a burgeoning Alpha Omega Alpha Honor Medical Society chapter with over 450 members and an Academy of Medical Educators that recognizes outstanding medical educators who embrace the academic guiding principles of the Zucker School of Medicine. Additionally, members of our faculty make regular media appearances as experts in the medical field.

### **Department of Science Education**

Unlike other institutions, the Zucker School of Medicine offers a uniquely distinct Science Education Department, which includes faculty members who are full-time educators and are dedicated entirely to teaching biomedical, biopsychosocial, and clinical sciences. Their open-door policy creates an accessible and collegial environment and reflects professors' engagement with their students.



*"I was drawn to the Zucker School of Medicine mostly because of how dedicated the faculty are to student learning. It was very apparent from the interview day and throughout my time as a medical student that every faculty member is dedicated to making us the most compassionate, ambitious, industrious, and committed physicians."*

**Pearl Subramanian**  
Class of 2024



## Student Life

*Connect closely with peers, educators, and mentors.*

**Each year the Zucker School of Medicine at Hofstra/Northwell welcomes approximately 100 new students from all regions, socioeconomic backgrounds, and walks of life. Our class size encourages a collaborative, close-knit academic culture and enables students to build genuine relationships with peers, faculty, and staff.**

The Office of Student Affairs, in partnership with various departments, works to ensure a supportive and positive learning environment for every student. From the first day of training through to graduation, the Office of Student Affairs' direct links to academic, wellness, and advising resources provide students with opportunities to connect closely with educators, mentors, peers, and alumni who can provide a wealth of experience, insight, and guidance.

### **Student support services at the Zucker School of Medicine include:**

- **Academic success/advising is dedicated to helping students with demonstrated or self-identified academic challenges through individual and group programming focused on each academic year.**
- **Career advising starts in the First 100 Weeks and is focused on supporting students as they transform from students to medical professionals, including multiple individualized relationships to provide direction during the residency match process and career exploration.**
- **The Office of Student Finance provides advice, planning, and options for responsible fiscal management of a student's journey through medical school and beyond throughout their career.**
- **The Office of Diversity, Equity, and Inclusion is committed to promoting inclusion, cohesion, understanding, and acceptance of differences in culture, color, and creed within the Zucker School of Medicine community and beyond.**
- **Wellness support is focused on all aspects of our student community, inclusive of physical, mental, spiritual, financial, and more. Active programming to support wellness for the student beyond academics is in place and continually evolving.**

### **Extracurricular Activities**

For personal growth, well-being, and success, students are encouraged to take part in a wide range of extracurricular activities and student organizations at the Zucker School of Medicine, including more than 96 active clubs, special interest groups, and committees. Students can also create and participate in a variety of community service initiatives. These include participation in pipeline programs mentoring young students interested in science and medicine, educating elementary school children in our local community about healthy living habits, fundraising and participating in programming for blood and childhood cancer research, women's heart health, and many other causes. Students can also be involved in caring for patients in need at the Zucker School of Medicine's student-run, free clinic in Rego Park, New York.

### **Student Honors**

Zucker School of Medicine students can graduate with different distinctions and/or certificates for their commitment to research, humanitarian efforts, leadership, longitudinal primary care, and clinical skills such as ultrasound. In addition, students are eligible for induction into various honor societies, including Alpha Omega Alpha and Gold Humanism Honor Society, and to receive departmental awards and other recognitions of excellence from the school. The Zucker School of Medicine celebrates these milestones during each student's journey to residency.

## Academic and Clinical Facilities

*On and Off Campus*

**The Zucker School of Medicine at Hofstra/Northwell building consists of 113,000 square feet of high-tech learning, laboratory, meeting, and office space. On campus, students have access to all the resources they need to succeed – excellent library services with online and print collections; fitness, recreation, and dining facilities; arts and culture; and extensive wired and wireless internet access.**

An ultramodern, environmentally conscious facility, the Zucker School of Medicine at Hofstra/Northwell has evolved into an epicenter for numerous academic, industry, local, and national events. From the 2016 presidential debate at Hofstra, to professional conferences and community forums, the Zucker School of Medicine is the pulse of many important gatherings and discussions focused on generating positive energy, innovation, and change.

The building's layout features an open, contemporary, yet inviting space and seamless design that is punctuated by small group rooms, a multipurpose area, large medical education theaters, clinical skills rooms (unique to the Zucker School of Medicine), a health sciences library, and a structure laboratory that offers 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.

### Structure Laboratory

The 7,300-square-foot structure laboratory offers significant capacity, allowing room for more than 125 individuals. The lab features built-in telecommunication technology/computers, large monitors, and state-of-the-art surgical lighting.

### Medical Education Theaters

Two large medical education theaters (large group halls) offer cutting-edge audiovisual systems, secondary confidence monitors for presentations, and an occupant capacity of more than 200. The theaters also have a lecture capture system, allowing sessions to be recorded for playback over the network, as well as push-to-talk technology with automatic video capture of speakers in the audience.







### Small Group Rooms and Study Areas

The Zucker School of Medicine offers 25 small group classrooms throughout the facility intended to enhance discussion and collaboration, and improve learning outcomes. Groups of 8-10 students occupy these rooms during teaching sessions. Each room features interactive whiteboard technology as well as walls with writable and erasable surfaces. Enclosed workstations that accommodate one or two people are also available.

### Campus Amenities

Comfortable and convenient on-campus graduate housing and ample parking are available. When it's time to dine, the Zucker School of Medicine facility has its own on-site café with a variety of grab-and-go food/drink options and healthy fare. Students can enjoy a meal outdoors surrounded by beautiful green space, or relax in one of many indoor retreats, including an inviting student lounge complete with dining and relaxed-seating areas, workstations, and entertainment. They can also explore the numerous eateries available on and off the Hofstra University campus.

In support of a healthy lifestyle, students are encouraged to take advantage of Hofstra's on-campus fitness amenities, including:

- **The Swim Center, featuring an Olympic-size pool and four diving areas**
- **The David S. Mack Fitness Center, including state-of-the-art cardio and strength equipment, circuit training, cycle studio, basketball courts, indoor track, exercise classes, and intramural sports**
- **Biking and jogging trails**
- **Tennis, baseball, and soccer fields for recreational games and practice**

**All of these amenities and more are just steps away from the Zucker School of Medicine building, which features its own outdoor, half-court basketball area.**





# Northwell Health®

## Northwell Health Operating Statistics

- 2 million+ patients treated annually
- Over 5.5 million patient encounters and 37,000 births
- Over 259,378 hospital discharges
- 825,000 emergency visits
- 1,059,366 home health visits
- Over 225,000 ambulatory surgeries
- 108,857 ambulance transports

Northwell Health is the nation's 14th largest health care organization. Zucker School of Medicine at Hofstra/Northwell students train at many hospitals, including Katz Women's Hospital, Cohen Children's Medical Center, Zucker Hillside Hospital, and Lenox Hill Hospital in Manhattan.

Students also have the opportunity to utilize Northwell Health's training facilities, including:

- Center for Learning and Innovation
- Patient Safety Institute
- Bioskills Education Center

These training facilities include the latest operative technologies, human simulation/robotic laboratories, and high-tech research space. In addition, during the first nine weeks of the curriculum, students train as certified emergency medical technicians and work shifts on Northwell Health ambulances.

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

- Feinstein Institutes for Medical Research
- Cold Spring Harbor Laboratory

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



## Northwell Health

Northwell Health is New York state's largest health care provider and private employer, with 21 hospitals and over 900 outpatient facilities. Northwell cares for more than 2 million people annually in the metro New York area and beyond, and employs 83,000 employees in more than 100 medical specialties.

## Northwell Health Caregivers

- More than 12,000 affiliated physicians, including about 4,900 employed doctors and nearly 4,200 members of Northwell Health Physician Partners
- More than 18,900 nurses
- More than 5,000 volunteers



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