



Curricular Initiatives at the Zucker School of Medicine

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

Students are eligible to apply for admission to the **MD/MPH**, **MD/MA in Clinical Bioethics**, **MD/MS in Translational and Clinical Research**, or **MD/MBA** program during their third year. Accepted students take an additional year between their third and final (fifth) year of training to complete the majority of their MPH, MA, MS, or MBA coursework. Most students use a portion of their elective time during their final year of medical school to complete MPH, MA, MS, or MBA coursework.

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 over all years of the MD program, culminating in a capstone project.

- The **Humanities in Medicine (HIM)** scholarly concentration allows Zucker School of Medicine (ZSOM) 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 **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 a summer experience, longitudinal mentoring, case study discussions, healthcare policy advocacy opportunities, and seminars.
- The **Medical Education** scholarly concentration focuses on teaching and learning, curriculum development, instructional strategies, research methods, and evaluation and assessment, and introduces these concepts through a variety of methodologies, including a summer experience, longitudinal mentoring, workshops, and participatory teaching within the medical school environment.
- The **Health Economics and Clinical Effectiveness** scholarly concentration helps students understand evaluation of medical interventions in health care, how to develop best clinical practices based on cost-effectiveness strategies and improved outcomes; how to identify real-world barriers and solutions for disparities in clinical care; and how to use assessments to inform health policy decisions for improved outcomes on a population level.

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 includes experience in a full scope of applications for medical ultrasound with a focus on point-of-care applications. 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 healthcare communications with the Spanish-speaking community. Program activities include passing assessments and completing clinical requirements.

For more information on any of these programs, please contact:

- **Tiffany Jordan**, Assistant Director of Curricular Initiatives and Grants Management, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell
■ tiffany.m.jordan@hofstra.edu



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