# MD Program



# Shaping the Future through Science and Medicine

Health care is evolving rapidly. Physicians and scientists must be prepared to take on this century's social, medical, and scientific challenges with thoughtful innovation that leads to improved patient- and community-centered care. Our approach to medical education allows students individually and collectively to achieve their maximum potential through exceptional clinical experiences, curricular initiatives, community immersion, and mentored research. Our core values reflect the ways in which our gradu-

ates apply science in the service of society. The MD Program combines the most progressive, technologically advanced, scientifically based education with the goal of improving societal health care needs locally in New York City and around the world. We explicitly blur the traditional distinction between pre-clinical and clinical years by integrating the basic sciences across courses as well-initiating students into the clinical environment from their first day of school. The Icahn School of Medicine at Mount Sinai (ISMMS) encourages and supports the bold thinking and disciplined science that will fundamentally change the face of medicine.

## **Accelerating Science through Dual Degrees**

We offer four dual degree programs:

MD/PhD: This integrated Medical Scientist Training Program (MSTP) in ISMMS's Graduate School of Biomedical Sciences combines clinical education with next-generation research in a translational environment.

**MD/MPH:** This four- or five-year program has core courses in Epidemiology, Biostatistics, Socio-behavioral Health, Health Management, and Environmental Health.

MD/Masters in Clinical Research: This fiveyear program offers training in clinical research education and a multidisciplinary approach to the field of clinical/translational research.

**MD/Masters in Bioethics:** This four-year program offers distance learning taught primarily online for the medical ethics master's degree competencies.

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## **Science Serving Society**

For more than 150 years, the Icahn School of Medicine has served the medically disenfranchised and those in need, whether they live in Harlem or Haiti. From their first day of medical school, our students work with our doctors to empower underserved communities and ensure that high-quality medical care remains available to all. All of our students participate in transformative service experiences in communities ranging from East Harlem and Elmhurst to Nogales, Arizona and Gorongosa, Mozambique. Over half of our students spend time at an international clinical site through the Global Health Center at some point during their training.

Icahn School of Medicine students have the opportunity to contribute to a progressive approach to medicine that has led to the creation of many pioneering advocacy programs and centers that are recognized worldwide, including:

## • The Mount Sinai Adolescent Health Center The largest provider of outpatient adolescent

The largest provider of outpatient adolescent health services in the country

### • The Mount Sinai Visiting Doctors Program

The largest academic physician home-visiting service in the nation

### The East Harlem Health Outreach Partnership

A free clinic founded by students at Icahn School of Medicine at Mount Sinai to help provide care for the uninsured

#### • The Mount Sinai Global Health Center

A collaboration with non-governmental organizations, hospitals, and medical schools dedicated to improving the health of the underserved around the globe by training tomorrow's global health leaders

## • The Center for Health Equity and Community Engaged Research

A hub for researchers across Mount Sinai interested in health equity, health disparities and community-engaged research

### • The Human Rights/Social Justice Scholars Program

A student-created comprehensive one-year track giving students the tools, resources, and mentorship to pursue the diverse aspects of health equity and social justice







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## **Innovative Curricular Offerings**

The Icahn School of Medicine at Mount Sinai's curriculum is designed to prepare students for the opportunities and challenges of practicing medicine and conducting biomedical research in the twenty-first century. The foundation rests on our tremendous strengths in translational research and medicine as well as service to communities around the globe. There are four themes that embody our core values and mission and thread through the curriculum: research and discovery, service learning, global health, and frontiers in science.

Highlights of the curriculum include:

- Formal longitudinal training in research, global health, service learning, leadership, teaching skills, and scientific innovation
- · Clinical, translational, basic or educational research opportunities mentored by world-class faculty to culminate in a required independent scholarly product by graduation
- Protected half days of "Flex Time" per week in years one and two for self-directed individualized learning, discovery, and leadership development
- Longitudinal clinical experience program partnering students with patients to enhance patient-centeredness and reflective practice
- Ample time for exploration of career choices and specialty specific skill-based preparation for residency education

• Health policy, advocacy, research methodology, and quality assurance weaved throughout the four-vear InFocus series

## **Groundbreaking Science**

Our history is rich with the stories of physicians and scientists who had the vision and the courage to push the boundaries of science and medicine. This drive to succeed is reflected in our new Leon and Norma Hess Center for Science and Medicine, a state-of-the-art facility that serves as a focal point for our translational research efforts. Students have the opportunity to work alongside internationally acclaimed researchers who are unraveling the molecular, genetic, and epidemiologic complexities of many disorders, placing us on the brink of breakthrough discoveries that will benefit society in countless ways. Medical students are mentored through a four-year research curriculum culminating in a capstone research project. They have protected time throughout medical school to focus on their research and almost one third will choose to pursue a scholarly year between years three and four.



## **Applying**

We attract applicants with the strongest academic credentials who are committed to both science and service and see themselves as playing an important role in the social fabric of society. Our goal is to train outstanding professionals who are prepared to enter society as informed leaders and advocates, able to advance science and clinical care and capable of promoting change.

Traditional Track: The Icahn School of Medicine participates in the American Medical College Application Service (AMCAS) of the Association of American Medical Colleges. Candidates for admission should file their AMCAS application no later than October 15 preceding the year for which admission is sought. Additional information will be requested of all applicants. Applicants submitting an AM-CAS application will be contacted by email and directed to a website where they can complete our online Supplemental Application.

Supplemental Applications can be submitted

process. The earliest date of notification of acceptance is generally November 15.

Applicants who have been offered admission to the School must respond within two weeks after receipt of notification.

For more information about the ISMMS application process and the admissions criteria, visit: icahn.mssm.edu/education/medical/admissions/regular-track/requirements.

FlexMed Track: The Donald and Vera Blinken FlexMed Program is an early assurance program that offers college sophomores from any major—early acceptance to medical school, exempting them from most of the traditional pre-med science requirements and from taking the MCAT. Applicants interested in FlexMed must apply during their sophomore year of college. FlexMed applications are not submitted through AMCAS and can be accessed directly from our website. Applicants must have completed either one year of Biology or Chemistry in order to apply. FlexMed applications can be submitted from October 15 through January 15. The Icahn School of Medicine at Mount Sinai has a rolling admissions process. The earliest date of notification of acceptance is generally June 2. For more information about the application process and admissions criteria for the Donald and Vera Blinken FlexMed Program, visit:

icahn.mssm.edu/flexmed.

