

## **MD/PHD DEGREE PROGRAM**

This program allows students interested in careers in medical science to undertake training in both clinical medicine and research. The Medical Scientist Training Program (MSTP) at Rochester is funded by an MSTP grant from the National Institutes of Health, and provides an outstanding faculty and a wide diversity of research training opportunities found only in our nation's leading biomedical research and clinical training centers.

## **MD/MBA PROGRAM**

Rochester offers a combined degree program in Health Care Management in conjunction with our Simon Business School. This program serves students who wish to earn an MBA degree as well as their MD degree. It is designed to prepare physician managers who understand the impact of business decisions on health care systems, can respond intelligently and effectively in management of health related facilities, and can contribute to the development of health policy. Matriculants in this program complete their first year of study at the Simon School, then spend 4 years in the School of Medicine and Dentistry, and take additional electives for credit in both schools.

## **MD/MS IN MEDICAL HUMANITIES**

The Medical Humanities Masters degree program provides a foundation in the use of perspectives and tools from humanities and arts to study the human contexts of health care.

## **MD/MS IN PUBLIC HEALTH**

The Master's in Public Health (MPH) is a 43-credit program accredited by the Council on Education for Public Health (CEPH) and has a long-standing tradition of training a diverse range of public health and health professionals in the skills needed to identify, prevent and solve community health programs.

## **DEAF HEALTH PATHWAY**

To add to the medical school experience by providing opportunities to advance language, cultural, and medical skills related to the Deaf population. To prepare medical students to become leaders in Deaf health.

The Deaf Health Pathway provides seminars for Deaf health disparities education and ASL instruction over the first 2 years of medical school or those students with interests in the health, language and culture of the Deaf community. During Phases 3 and 4, there is the option to develop an elective to further your education and create scholarly work regarding the Deaf community. This pathway is a community and student-centered curriculum with faculty support and oversight through the Division of Health Humanities. No prior ASL or Deaf cultural knowledge is required for admission to the pathway.

## **GLOBAL HEALTH PATHWAY**

To prepare University of Rochester graduates to effectively assess, engage in, and lead global health efforts throughout their medical careers.

The Global Health Pathway at the University of Rochester School of Medicine and Dentistry is an elective program available to selected medical students that have an interest or demonstrated commitment to careers in the future that include global and public health. Students will gain additional knowledge and skills in the health problems and solutions of populations that transcend socioeconomic and ethnic status and national borders. Knowledge will be gained through a didactic lecture series, direct experience and independent projects.

The required clinical experiences will build on the clinical skill set present in the Double Helix Curriculum to improve the ability to practice community-based medicine under diverse social, economic and cultural situations. Volunteer work and patient interactions will foster compassion and an appreciation for the plights of underserved populations. Students also will develop a sense of global health advocacy appreciating the role of the physician as an agent for change in community and global health.

## **HEALTH, EQUITY, AND LAW POLICY PATHWAY**

To enable students to find their voice to influence the world around them through policy and help shape their future patients' experiences related to health and healthcare.

The Health, Equity, and Law Policy Pathway (HELP) is designed for students who understand social determinants of health have an important influence on health inequalities and are interested in how policy is formed and implemented. With local and national opportunities, participants learn and experience how policy makers control health, everything from finances to pre-authorization requirements for procedures and medication, to the cost of prescription drugs. The HELP Pathway enables participants to find and use their voice to influence policy and help shape their future patients' experiences related to health and healthcare.

## **HEALTH HUMANITIES AND BIOETHICS PATHWAY**

To cultivate arts and humanities-based perspectives, knowledge, and skills in order to provide compassionate, ethical, and contextually informed healthcare.

The Health Humanities and Bioethics Pathway provides medical students with training in the health humanities, arts, and bioethics throughout their four years of medical school. Students have diversified opportunities in a variety of clinical and research activities, courses and electives, as well as special events and competitive awards. Each student develops a Pathway Project in collaboration with a faculty mentor. Admission to the Pathways is through a competitive application process and is limited to 20 students each year.

## **HEALTHCARE INNOVATION AND ECONOMICS PATHWAY**

Educate future doctors to design and develop innovative strategies and technologies that will improve healthcare delivery and patient care.

The Healthcare Innovation and Economics Pathway at the University of Rochester School of Medicine and Dentistry is for students with interest in the health economics, alternate career pathways in industry, business administration, medical startups, and healthcare innovation that will revolutionize the delivery of healthcare. Longitudinal courses are offered throughout medical school in conjunction with faculty at the University of Rochester Medical Center, the Center for Health + Technology, and the Innovation Center at the Simon Business School.

## **LATINX HEALTH PATHWAY**

To add to the medical school experience by providing opportunities to advance language, cultural, and medical skills related to the LatinX population. To prepare medical students to become leaders in LatinX health.

The LatinX Health Pathway provides an enriched learning experience over the four years of medical school for those students with intermediate and advanced Spanish language proficiency interested in developing language, cultural and clinical skills to work with Spanish speaking patients, families, and communities. Admission to the Pathway is through an application process and language assessment. Enrollment is limited to 12 students each year.

## **MEDICAL EDUCATION PATHWAY**

To provide students with a learner-centered, longitudinal experience that promotes the development of knowledge, skills, and attitudes that are necessary for future careers as clinician-educators and medical education leaders.

The Medical Education Pathway prepares students to be academic medical educators, provides knowledge in educational theory, and develops skills in teaching. Activities include serving as a problem based learning tutor, leading a small group, developing learning objectives and delivering a lecture. In addition, students write high quality examination questions, perform assessments, and provide feedback.