

Since admission of the first medical school class in 1925, the University of Rochester School of Medicine and Dentistry has provided exceptional basic and clinical research training opportunities for its medical students. By graduation, most of them have had basic or clinical research experience a part of their education.

Our research training opportunities are diverse. The medical school has several established centers of research excellence in the Aab Institute of Biomedical Sciences:

- Center for Pediatric Biomedical Research
- Wilmot Cancer Center
- Aab Cardiovascular Research Institute
- Center for Oral Biology
- Center for Vaccine Biology & Immunology
- Center for Neural Development and Disease

Additionally, the medical school has several freestanding centers of research excellence:

- Alzheimer's Disease Care, Research & Education
- Lung Biology and Disease Program
- Environmental Health Sciences Center
- Center for Biomedical Ultrasound
- Hubbard Center for Aging
- Flaum Eye Institute
- Center for Clinical Trials
- Autoimmunity Center of Excellence
- Neuromuscular Disease Center
- Center for Visual Science
- AIDS Research Center
- Strong Children's Research Center
- Center for Navigation & Communication Sciences
- Center for Research & Evidence-Based Practice
- National Center for Deaf Health Research
- Strong Center for Developmental Disorders
- Schmitt Program of Integrative Brain Research
- Rochester Center for Brain Imaging
- Del Monte Neuromedicine
- Center for Human Experimental Therapeutics

Students are encouraged to contact centers, departments, programs or individual faculty for additional information, and visit websites.

## **SUMMER RESEARCH EXPERIENCES**

These fellowships are made possible through a National Institutes of Health Research grant and funds from the Golisano Children's Hospital at Strong in the Department of Pediatrics. In the late winter, applicants are solicited from students who can choose to undertake research with a faculty member who has an active research program. This program is coordinated through out Department of Pediatrics.

## **YEAR OUT FELLOWSHIP**

Many students choose to extend their initial research experience in order to complete and publish a body of work in a scientific journal. Our Academic Research Tract (ART) provides a tuition-free year out for research that can lead to a Distinction in Research degree, and is focused on students interested in academic residencies and potential academic careers. Other year-out research options also exist.

## **HOWARD HUGHES MEDICAL STUDENT SCHOLARSHIP**

These fellowships provide up to two years of exceptional funding for medical students who wish to undertake a basic science research experience. These fellowships may be completed at the University of Rochester, or in laboratories at the National Institutes of Health on their Bethesda campus.

## **SARNOFF FELLOWSHIP**

This program is designed to give medical students without extensive research experience an opportunity to spend a year conducting extensive work in a research laboratory at an institution other than their own.

## **FOUNDATION FELLOWSHIPS**

Most of the national disease-specific foundations such as the Leukemia Society of America, the Arthritis Foundation, etc., offer generous summer research fellowships for students. These fellowships often are announced in late winter for research experiences commencing the following summer.

## **DEGREE GRANTING PROGRAMS**

Opportunities are also available for students to enter graduate programs leading to a Master's or a Doctoral degree. Over the last several years, students from each class have elected to obtain either the MS or the Ph.D in a basic science department or interdisciplinary program offering these degrees.

## **EDUCATIONAL PROGRAMS**

All basic and clinical science departments have ongoing seminars by University of Rochester faculty and visiting scholars from other outstanding academic research centers. Students may attend any of these seminars and listings of daily events are posted throughout the medical school complex and on the web. Brochures describing University faculty research interests are available from the Strong Children's Research Center, from the MD/PhD office in the Office of Medical Education, the OMSEP, or in program listings in each of the specific departments and interdisciplinary programs. Each of these programs has a web site for ready access. Additional information regarding specific research programs or degree programs may be obtained by visiting our website at the address listed in the Admissions brochure or can be accessed through the University's home page.