

GRADUATE PROGRAMS

The Center for Molecular Medicine at the Maine Medical Center Research Institute participates in several graduate programs leading to the Ph.D. degree:

- Cooperative Ph.D. Program in Molecular Genetics and Cell Biology
- Functional Genomics Program
- Graduate School of Biomedical Sciences



Cooperative Ph.D. in Molecular Genetics and Cell Biology

This cooperative program is administered through the Department of Biochemistry, Microbiology, and Molecular Biology at the University of Maine in Orono. Participating institutions include Maine Medical Center Research Institute, The Jackson Laboratory, and the University of Southern Maine. All doctoral students in this program are expected to be familiar with general aspects of the fields of biochemistry, molecular biology and cell biology, and to develop an extensive knowledge of their thesis research areas. Students are expected to carry out a research project leading to original findings, publish papers in peer-reviewed journals, and write a thesis describing the work. All students participating in the program at Maine Medical Center Research Institute receive tuition and stipend support.

For more information and advising, contact Lucy Liaw, Ph.D., tel (207) 885-8142, email liawl@mmc.org.

Functional Genomics Program

This program is supported by the National Science Foundation program in Integrative Graduate Education Research Training (IGERT). This is an integrated program leading to an interdisciplinary Ph.D. in Functional Genomics. Students will receive training in the biological, physical, and computational sciences through a combination of courses, workshops, and research seminars. Emphasis will be placed on a high quality research environment and a tutorial relationship between the student, mentor, and program committee. Central to this training is the use of a paired mentoring system, with a primary mentor from the area of the student's primary area of research, and a secondary mentor from a second discipline. These mentors and the student will develop a research project dependent upon interdisciplinary collaborations. All students receive tuition and stipend support.

For more information, visit the program website at www.umaine.edu/genomics/application.htm

Graduate School of Biomedical Sciences

The Graduate School of Biomedical Sciences is a newly established, collaborative program between seven academic, medical, and biomedical research entities in the State of Maine. The goal of the program is to provide high quality graduate education with a specialty focus in one of the following areas: Molecular and Cellular Biology, Neuroscience, Biomedical Engineering and Functional Genomics.

For more information about the program, contact: Dr. Keith Hutchison, Interim Program Director, 207-581-2827 or email: keithh@maine.edu.

For more information about MMCRI and application requirements please visit our website at www.mmcri.org