Attention graduate students and post-doctoral fellows!

2019 Advanced Research Training

Marine Biological Laboratory, Woods Hole, MA USA

Investigate contemporary research problems and learn cutting-edge approaches from an internationally renowned faculty.

Each year, MBL courses attract a diverse population of over 500 of the best and brightest students in the world, from more than 300 institutions and over 30 countries. Applicants must be in training for, or possess, a PhD or equivalent degree.

**SUBSTANTIAL financial assistance is available.**

### Development and Reproduction
- Frontiers in Reproduction: Molecular and Cellular Concepts and Applications
  April 27 – June 9
- Embryology: Concepts & Techniques in Modern Developmental Biology
  June 2 – July 15
- Zebrafish Development & Genetics
  August 5 – August 19
- Frontiers in Stem Cells & Regeneration
  September 29 – October 5
- Workshop on Molecular Evolution
  August 1 – August 11
- Gene Regulatory Networks for Development
  October 13 – October 26
- Biology of the Inner Ear
  August 6 – August 28

### Cell Physiology, Microbiology, and Infectious Disease
- Physiology: Modern Cell Biology Using Microscopic, Biochemical & Computational Approaches
  June 16 – August 4
- Biology of Parasitism: Modern Approaches
  June 15 – August 4
- Microbial Diversity
  July 7 – August 21
- Physical Biology of the Cell
  August 4 – August 25
- Strategies & Techniques for Analyzing Microbial Population Structures
  July 22 – August 1
- Molecular Mycology: Current Approaches to Fungal Pathogenesis
  July 17 – August 2

### Microscopy
- Modern Methods in Microscopy: Strategies & Techniques in Sample Preparation
  April 20 – April 30
- Analytical & Quantitative Light Microscopy
  May 1 – May 10
- Optical Microscopy & Imaging in the Biomedical Sciences
  August 19 – August 29

The MBL is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and an affiliate of the University of Chicago.

MBL courses derive major support from grants awarded by the Burroughs Wellcome Fund, the Leona M. and Harry B. Helmsley Charitable Trust, the Howard Hughes Medical Institute, the National Institutes of Health, The Grass Foundation, and the Simons Foundation.

mbl.edu/courses