Finding What You Need at the MBL

2014

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Organized by the MBL Communications Office, comm@mbl.edu
2014 Finding What You Need at the MBL

Accounts Payable
Homestead 203, 8:00 AM–5:00 PM
Fax: (508) 289-7931
• Ken Crosby, Accounts Payable Bookkeeper, x7755, kcroby@mbl.edu
• Debbie Aguiar, Accounts Payable Assistant, x7224, daguiar@mbl.edu

Pays bills Friday afternoons. Check requests must be received one week prior to payment date.

Accounts Receivable
Homestead 205, 8:00 AM–4:30 PM
Fax: (508) 289-7931
• Carol Coughlan, Accounts Receivable Specialist, x7266, ccoughlan@mbl.edu or ar@mbl.edu

Accepts payment for all MBL invoices and accounts. Visa®, Mastercard®, American Express®, and Discover® credit cards accepted. Answers questions about accounts and charges.

Affirmative Action (see Equal Employment Opportunity Coordinator)

Apparatus Department
Lillie 8a, 8:00 AM–4:30 PM
• William Haskins, x7227, whaskins@mbl.edu
• Paul Atwood, x7444, patwood@mbl.edu
• Robert Lewis, x7444, rlewis@mbl.edu

Rents a wide variety of scientific equipment. Qualified technicians available to troubleshoot and repair electronics, scientific equipment, and personal computers. Sells a variety of electronics components. Dry ice available for sale by the pound. Handles the ordering and delivery of all compressed gas cylinders.

Aquaculture and Engineering Division
(see Marine Resource Department)

Aquatic Resource Division (see Marine Resources Department)

Associates Office
Candle House 202, 10:00 AM–4:00 PM
• Susan Joslin, Associates Administrator and Event Coordinator, x7281, sjoslin@mbl.edu

MBL Associates support the scientific mission of the MBL through their gifts to the Annual Fund and their volunteer efforts to raise funds, assist MBL programs, and promote the MBL in the community. The MBL Associates program provides research awards for young scientists, supports the MBLWHOI Library, and also helps bring the work of the laboratory to a broader public by sponsoring the Falmouth Forum Series, offering educational events for students and by operating the MBL Gift Shop. Membership is open to anyone with an interest in the laboratory.

Audio-Visual Services
Broderick House/17 North Street
Monday-Friday, 8:00 AM–5:00 PM

Contact: IT Helpdesk
Phone: 508-289-7654
Web Requests: helpdesk.mbl.edu
E-mail: avsupport@mbl.edu or helpdesk@mbl.edu

Provides audio and visual media services, videoconferencing, and rental equipment. www.mbl.edu/it

BioCurrents Shared Resource (BSR)
Lillie 2nd Floor
Scientific Instrument Development, Repair, and Modification

• Mark Messerli, Manager, x7295, mmesserli@mbl.edu
• Diane Cook, Administrator, x7243, dcook@mbl.edu

L 214-Instrument Development
L 215-Central Laboratory
L 219B-Sensor Fabrication
L 220-Administrator
L 223-BSR Manager
L 224-Culture Facility
L 226-Molecular Biology

The BioCurrents Shared Resource (BSR) helps support the needs of resident and visiting scientists. Members of the resource develop, repair and modify scientific instrumentation. While the center continues to advance electrical and electrochemical detection, a wide range of instruments are supported.

For a consultation, contact Mark Messerli x7295. The BSR also maintains a culture room next to the Central Microscopy Facility as well as a host of other supporting scientific instruments available for use at a nominal fee.
Biological Bulletin
Homestead 3rd Floor, 8:00 AM–5:00 PM

• James L. Olds, Editor-in-Chief, H 309, x7170, jolds@mbl.edu
• Carol Schachinger, Managing Editor, H 315, x7149, cschachinger@mbl.edu
• Victoria Gibson, Staff Editor, H 313, x7428, vgibson@mbl.edu
• JeanneMarie Borgese, Administrative Assistant, H 317, x7402, jborgese@mbl.edu

Publishes the MBL’s 117-year-old, bi-monthly scientific journal, edited by James L. Olds of George Mason University’s Krasnow Institute for Advanced Study. The Bulletin features outstanding original research reports of general interest to biologists worldwide.

Brown-MBL Partnership and Brown-MBL Graduate Program
Starr 116

• Christopher Neill, Director, Starr 223, x7481, cneill@mbl.edu
• Alison Maksym, Coordinator, Starr 116, x7777, amaksym@mbl.edu

MBL and Brown University offer a joint Ph.D. program in which students are admitted to Brown and study under collaborating MBL and Brown mentors. The Brown-MBL Partnership fosters research collaboration between the two institutions.

Cellular Dynamics Program
Lillie 220

• Rudolf Oldenbourg, Director, L110, x7426, roldenbourg@mbl.edu
• Diane Cook, Program Administrator, L220, x7243, dcook@mbl.edu

The CDP researchers explore the functions of living cells including cell motility, cell division, protein-protein interactions, molecular trafficking, molecular transport and metabolism, and signaling within and between cells. Researchers also advance instrumentation to provide new tools for exploring these topics.

Chief Financial Officer/Controller
Homestead 2nd Floor, 8:00 AM–5:00 PM

• Mary Harrington, Interim CFO and Controller, H 210, x7239, mharrington@mbl.edu
• Nancy Blegen, Financial Tax Analyst, H 209, x7796, nblegen@mbl.edu

Child Care Services
Periwinkle Club (4–6 yrs.)
Osterhout Cottage, Memorial Circle
8:30 AM–5:00 PM, June 23-August 29
(508) 299-2037

Satellite Club (children entering the second grade in the fall through age 12)
100 Water Street
8:30 AM–5:00 PM, June 23-August 29
(508) 289-7778

Summer day camps for children of MBL scientists, staff, and members of the Woods Hole scientific community. Enrollment is by the week. Space is limited. Application is on the MBL website. For more information or application, contact the Human Resources Office, MBL, 7 MBL Street, Woods Hole, MA 02543; (508) 289-7422; humanres@mbl.edu.

Woods Hole Day Care Cooperative
Winter programs hours: Toddler/Preschool Program in Woods Hole
8:30 AM–5:00 PM, Monday–Friday
Summer program hours: Toddler group in Falmouth, 8:30 AM–5:00 PM, Monday–Friday

Year-round program for toddlers and preschoolers. For more information, contact Anne Keafer, Director, at (508) 548-9473, woodsholedaycarecooperative@gmail.com. (Not affiliated with MBL.)

Computer Network Access (see IT)
General questions: comm@mbl.edu.

Oversees MBL public and media relations, edits, designs, and maintains the MBL’s web site (www.mbl.edu) and campus information monitors. Other publications include: MBL Catalyst, Annual Report, LabNotes, The Collecting Net. Also coordinates MBL special outreach events, MBL Club, summer tour program, and the Logan Science Journalism Program.

Courses (see Education Office)

Custodial Services
Lillie 227, 7:00 AM–4:00 PM
• Denise Shepherd, Operations Assistant, x7776, dshepherd@mbl.edu

Development Office
Candle House, 8:00 AM–5:00 PM
• Pamela Clapp Hinkle, Director of Development & External Relations, CH 312, x7276, phinkle@mbl.edu
• A. Kristine Johnson, Director of Planned Giving & Special Gifts, CH 211, x7766, kjohnson@mbl.edu
• Mary Loftus, Director of Foundation & Corporate Relations, CH 311, x7414, mloftus@mbl.edu
• Martha Tarafa, Director of Major Gifts, CH 202, x7171, mtarafa@mbl.edu
• David Gallagher, Associate Director of Development, CH 208, x7119, dgallagher@mbl.edu
• Dina DiCarlo, Assistant Director of Development, CH 203, x7450, ddicarlo@mbl.edu
• Dixie Berthel, Administrative Assistant, CH 200, x7704, dberthel@mbl.edu
• Carolyn Johnson, Assistant to External Relations, CH 300, x7650, cjohnson@mbl.edu
• Barbara Sylvia, Database Assistant, CH 200, x7451, bsylvia@mbl.edu

Responsible for private support of the MBL including foundation and corporate support, annual fund, major gifts, and planned giving.

Dining Services and Catering
• Cheryl Greene, General Manager Dining Services, x7164, cgreene@mbl.edu
• Swope Kitchen, x7589

Swope Dining Room hours (summers only), Monday–Saturday: 7:00–8:30 AM (breakfast); 11:30 AM–1:00 PM (lunch); 5:00–7:00 PM (dinner). Sunday Brunch, 10:00 AM–2:00 PM. Advance box lunch orders accepted.

Café Swope open for breakfast and lunch Monday–Friday, 7:30 AM–1:30 PM. Credit cards accepted.

Contact Dining Services for all catering and special food events.

Director’s Office
Candle House 301, 8:00 AM–5:00 PM
• Joan V. Ruderman, President and Director, CH 301, x7300, jruderman@mbl.edu
• Arthur Sussman, Special Advisor to the MBL-UChicago Affiliation, x7385
• Colleen M. Cavannaugh, Speaker of the MBL Society, x7659, ccavannaugh@mbl.edu
• Marcia Donovan, Executive Assistant, CH 300, x7300, mdonovan@mbl.edu

Diving Safety
Lillie 118 E
• Bill Grossman, Diving Safety Officer, x7655, wgrossman@mbl.edu

The MBL is a member of the American Academy of Underwater Sciences (AAUS). All MBL divers must comply with AAUS standards, the MBL Diving Handbook, and any additional requirements established by the DSO or MBL’s Diving Control Board. Diving safety is a part-time duty of DSO Bill Grossman. Please contact him well in advance of any proposed diving activities. Because his DSO responsibilities are not covered full-time, he is not always available, however program requirements cannot be compromised.

Drug-Free Workplace (see Equal Employment Opportunity Coordinator)

Ecosystems Center
Starr Building 225
• Christopher Neill, Director, x7481, cneill@mbl.edu
• Kelly Holzworth, Center Administrator, x7471, kholzworth@mbl.edu

The mission of the Ecosystems Center is to investigate the structure and functioning of ecological systems and to predict their response to changing environmental conditions, to apply the resulting knowledge to the preservation and management of natural resources, and to educate both future scientists and concerned citizens.
Education Office
Homestead, First Floor, 8:00 AM–5:00 PM

- William S. Reznikoff, Director of Education, oversees educational programs, grants, budgets, financial aid, H 115, x7268, breznikoff@mbl.edu
- Carol Hamel, Admissions Coordinator, student and course information, H 113, x7401, chamel@mbl.edu
- Catherine Hemmerdinger, Education Program Coordinator, faculty information, H 105, x7340, chemmerdinger@mbl.edu
- Mananjo Jonahson, Equipment Loan Support, general course support, Lb 152, x7651, mjonahson@mbl.edu
- Robert Lewis, Laboratory Assistant, L-8A, x7444, rlewis@mbl.edu
- Jennifer Martin, Budget Analyst, H 102, x7441, jmartin@mbl.edu
- Martha Peterson, Equipment Loan Program Manager, vendor-supported special topics course coordinator, Lb 152, x7272, mpeters@mbl.edu

Oversees MBL educational programs; assigns course lab space; administers faculty contracts and payments. Admissions inquiries can be sent to admissions@mbl.edu.

Electron Microscope Laboratory
(see Microscopy Facilities)

E-mail Service (see Information Technology)

Emergency Information (see last page)

Environmental, Health, & Safety Office
Lillie 118, 8:00 AM–5:00 PM

- James Marcello, EH&S Manager, x7424, jmarcello@mbl.edu
- Bill Grossman, Diving Safety Officer, x7655, wgrossman@mbl.edu

The EH&S office is responsible for radiation safety, chemical safety, occupational safety and health, chemical and biological waste management, biosafety/rDNA research, and environmental compliance. This office provides a comprehensive range of safety services.

Contact the EH&S Manager if you have any questions or need assistance. Researchers must contact the EH&S Office in advance if they wish to use radioactive materials or acutely hazardous chemicals.

Equal Employment Opportunity Coordinator
Homestead 111, 8:00 AM–4:30 PM

- Ann Egan, Director of Human Resources, x7122, eeo@mbl.edu

Oversees MBL’s adherence to federal and state regulations regarding equal opportunities, drug-free work place policy, sexual harassment policy, disability assistance services, and affirmative action program on behalf of employees and applicants for employment. Questions regarding these policies should be directed to the EEO Coordinator.

Eugene Bell Center for Regenerative Biology and Tissue Engineering

- Jonathan Gitlin, Director, x7270, jgitlin@mbl.edu
- Barbara Burbank, Center Administrator, x7700, bburbank@mbl.edu
- General inquiries, bellcenter@mbl.edu

Center researchers study the ability of marine and other aquatic animals to regenerate their tissues and body parts. Understanding regeneration in these animal models holds great promise for translating this knowledge to medical treatments for serious human conditions such as diabetes, spinal cord injury, and degenerative neural diseases such as Alzheimer’s.

Exhibit Center
100 Water Street

The Robert W. Pierce Exhibit Center houses the MBL Gift Shop and offers an unique opportunity for visitors to learn about the MBL. For more information, please call the Communications and Public Affairs Office at x7423, or the Gift Shop at x7230.

Robert W. Pierce Exhibit Center Hours:
May: 11:00 AM–3:00 PM (Mon., Wed., Fri.)
June: 11:00 AM–4:00 PM (Mon., Wed., Fri., Sat.)
July-August: 10:00 AM–4:30 PM (Mon.–Sat.)
September: 11:00 AM–4:00 PM (Mon., Wed., Fri.)
October: 11:00 AM–3:00 PM (Mon., Wed., Fri. until Columbus Day, then closed)
December 8,10,12: 11:00 AM–4:00 PM (Mon., Wed., Fri. for HOLIDAY SALES)
Closed mid-October - April (Open by appointment)
External Relations
Candle House, 8:00 AM–5:00 PM
(see Associates; Development; Communications and Public Affairs)

Oversees the MBL’s External Relations programs including Development, Communications, Community and Government Relations, and the MBL Associates.

- Pamela Clapp Hinkle, Director, x7276, phinkle@mbl.edu

Facilities, Services, and Projects Office
Lillie 203, 8:00 AM–5:00 PM

- William Brosseau, Interim Director of Facilities, x7773, wbrosseau@mbl.edu
- Pamela Wilmot (12:00 PM–5:00 PM), Assistant to the Director of Facilities, x7325, pwilmot@mbl.edu

Provides leadership, planning and oversight of all physical plant operations and related services. Including new construction, Plant Operations and Maintenance; Buildings Services, Transportation and Grounds; Environmental Health and Safety; and Housing.

Financial Services Office (see Chief Financial Officer/Controller; Accounts Payable; Accounts Receivable)

Foreign National Exchange Visitors Program
Homestead 112, 8:00 am–4:30 pm

- Cathy Schmidt, Foreign National Coordinator, x7122, visas@mbl.edu

Advises and coordinates all matters relating to immigration (and visas) for MBL-sponsored international visitors and employees. Counsels hosts and guests interested in pursuing foreign exchange research opportunities at the MBL.

General Use Equipment Rooms
Lillie 218 and Rowe 217/218/317/318/417

- Rob Lewis, L 8A, x7444, rlewis@mbl.edu
- Louie Kerr, L 208, x7273, lkerr@mbl.edu

Comprises general use equipment in Lillie and Rowe. Equipment includes balances, pipet puller, osmometer, pH meters, spectrophotometers, spectrofluorometer, ultrahigh, high, and low speed centrifuges, high-energy sonicator, -20º and -80º freezers and x-ray film processors. Capability for tissue cultures are available. Facility staff must check out users. For more information and a copy of the GUER Guide go to: http://www.mbl.edu/services/research/general-use-rooms/

Gift Shop (MBL)
Located in the Robert W. Pierce Exhibit Center at 100 Water Street, the MBL Gift Shop sells a variety of unique MBL-related merchandise as well as a wide selection of marine-related gifts, toys, games, and books.

Hours:
May: 12:00 AM–3:00 PM (Mon., Wed., Fri.)
June: 11:00 AM–4:00 PM (Mon., Wed., Fri., Sat.)
July-August: 10:00 AM–4:30 PM (Mon.–Sat.)
September: 11:00 AM–4:00 PM (Mon., Wed., Fri.)
October: 11:00 AM–3:00 PM (Mon., Wed., Fri. until Columbus Day, then closed)
December 8, 10, 12: 11:00 AM–4:00 PM (Mon., Wed., Fri. for HOLIDAY SALES)
Closed mid-October–April (Open by appointment)

For more information or to purchase gift shop items, please contact Judy Andrade, Gift Shop Supervisor, x7230, during business hours. At other times, contact Susan Joslin, x7281, sjoslin@mbl.edu. Shop online: giftshop.mbl.edu

Graduate Program
(see Brown-MBL Partnership)

Grass Fellowship Program

- Ann Woolford, CH 3rd floor, x7521, gfp@grassfoundation.org

Holidays
2014/2015 MBL Holiday Observances:

Independence Day - July 4
Labor Day - September 1
Columbus Day - October 13
Thanksgiving Day - November 27
Day after Thanksgiving - November 28
Christmas - December 25
New Year's Day - January 1
Martin Luther King, Jr. Day - January 19
Presidents' Day - February 16
Memorial Day - May 25
Housing and Conference Services
Swope Center, 8:30 AM–5:00 PM

- Germar Kelly, Director of Conferences, Housing & Dining, x7212, gkelly@mbl.edu
- Liz McCarthy, Assistant Director of Conferences, Housing & Dining, x7214, lmccarthy@mbl.edu
- Deborah Deering, Coordinator of Housing, x7213, ddeering@mbl.edu
- Suzanne Livingstone, Assistant Coordinator of Housing, x7431, slivingstone@mbl.edu
- Cindy MacDonald, Front Office Assistant, x7247, cmacdonald@mbl.edu
- Barbara Stackhouse, Front Office Assistant (Sundays), x7668, bstackhouse@mbl.edu
- David Murray, Front Office Assistant, x7668, dmurray@mbl.edu
- Karen Ciejek, Front Office Assistant, x7668, kciejek@mbl.edu
- Noreen McNamara, Head Housekeeper, x7591, nmnamara@mbl.edu
- Nancy Hadway, MBL ID Card Processing, x7190, nhadway@mbl.edu, idcard@mbl.edu

Registers all incoming guests, issues ID cards and parking permits. Provides general information. Handles MBL accommodations, meal plans, and information on off-campus housing. Coordinates Housekeeping services.

Human Resources
Homestead, first floor, 8:30 AM–4:00 PM

- Ann Egan, Director, x7622
- Cathy Schmidt, Human Resources/Foreign National Coordinator, x7122
- Molly Kelleher, Human Resources Assistant, x7422, humanres@mbl.edu


Information Technology (IT)
Broderick House / 17 North Street
Monday–Friday, 8:00 AM–5:00 PM

- Becky Mountford, IT Coordinator, x7453, rmountford@mbl.edu

Contact: IT Helpdesk
Phone: 508-289-7654
Web Requests: helpdesk@mbl.edu

E-mail: helpdesk@mbl.edu
www.mbl.edu/it

Provides technical support for computers and network services. Coordinates computer hardware, software, and peripherals. Provides computer equipment rentals for courses and visiting scientists. Provides Internet access for labs, lectures, and individuals. Provides core IT services: email, FTP, VPN, website support. Provides telephone services, voice mail, and conference calls. Provides voice and data services to the cottages. Provides audio and visual services including video conferencing.

Institutional Animal Care and Use Committee (IACUC)

- Alan Kuzirian, Chairperson, MRC 212, x7480, akuzirian@mbl.edu
- Barbara Burbank, IACUC Recording Secretary, MRC-314, x7700, bburbank@mbl.edu

The MBL IACUC oversees all vertebrate animal use at the MBL. The committee, chaired by Dr. Kuzirian, is responsible for overseeing the IACUC’s evaluation and approval of institutional animal care and use protocols. No vertebrate research can occur without an approved protocol. Forms and other information can be accessed on the MBL website or by contacting one of the above people.

The MBL Stable Isotope Laboratory
Starr 334, 9:00 AM–5:00 PM

- Marshall Otter, Lab Manager, x7462 (office), x7762 (lab), motter@mbl.edu
mbl.edu/ecosystems/silab

Devoted to ecosystems research. Houses three stable isotope ratio mass spectrometers for measurement of $^{15}N$, $^{13}C$, $^{34}S$, $^{18}O$ and $^2H$ on various types of environmental samples.

Josephine Bay Paul Center for Comparative Molecular Biology and Evolution
Lillie 3rd Floor

- David Mark Welch, Director, L 335, x7377, dmarkwelch@mbl.edu
- Julie Huber, Associate Director, L 305, x7291, jhuber@mbl.edu
- Katie Newhall, Center Administrator, L 339, x7137, knewhall@mbl.edu
- Evie Gomes, Staff Coordinator, L 338, x7282, egomes@mbl.edu
- Staff Assistant, L 338, x7138, orders@mbl.edu
- BPC Conference Room, L 317, x7795
Center researchers explore the genetic relationships among living organisms, with major program areas in molecular microbial ecology, genomics and metagenomics, and molecular evolution.

**Lectures** (see electronic monitors in Lillie, Loeb, and Swope or visit: mbl.edu/calendar)

**Library**
MBLWHOI Library Office, Lillie 230
Staff assistance: 8:00 AM–5:00 PM

Stacks and reading rooms available 24 hours by card access: (508) 289-7002, library@mbl.edu

- Diane Rielinger, x7341, Co-Director MBLWHOI Library, MBL Archivist, drielinger@mbl.edu
- Lisa Raymond, Co-Director MBLWHOI Library, Manager WHOI Data Library and Archives, McLean Basement Level, WHOI Quissett Campus, (508) 289-3557, lraymond@whoi.edu
- Jennifer Walton, Library Services Coordinator, x7452, jwalton@mbl.edu

This jointly operated library provides in person reference and online information services which includes access to more than 2600 full text-journals, 90 online databases, and interlibrary loan services. MBL access cards may be obtained in Swope building.

**Machine Shop**
Lillie 7, 7:30 AM–4:00 PM

- Rick Langill, x7237, rlangill@mbl.edu

Designs and manufactures sophisticated prototype instruments and devices to precise tolerances. Offers design and engineering assistance for manufacture and repair of systems, equipment, and parts. Provides first-hand knowledge of metals, plastics, and techniques necessary to satisfy research requirements.

**Mail Room**
Lillie 8b, Monday–Friday, 8:00 AM–5:00 PM

- Horace Bryant, x7228, hbryant@mbl.edu

Upon arrival, register at the Mail Room to ensure proper service. Upon departure, leave a forwarding address. All outgoing mail should be in the mail room by 3:15 PM. Mail Room lobby closes at 7:00 PM.

**Marine Resources Department**
MRC 314, 7:30 AM–4:30 PM

- David Remsen, Marine Resources Department Manager, x7477, dremsen@mbl.edu, for general and financial questions.
- Janice Simmons, Animal Care Technician, x7458, jsimmons@mbl.edu, for questions about water quality testing, tank space applications (including zebrafish tanks) and husbandry.
- Dan Calzarotte, Animal Care Technician, x7458, dcalzarotte@mbl.edu
- Abigale Bumpus, Seasonal Animal Care Support, x 7458, abumpus@mbl.edu
- Troy Mcinerney, Seasonal Animal Care Support, x 7458, tmcinerney@mbl.edu
- Marine Specimens Order Desk, MRC 114, x7375, specimens@mbl.edu

Provides custom organism collection for scientists and for shipment around the world. Arranges boat charters for special collecting and educational trips. Scientists may place orders for MBL-collected organisms for in-house use or for shipment by visiting MRC 114, contacting the Order Desk at x7375 or specimens@mbl.edu.

Provides investigators with tank rental, specialized research space, water quality testing, and animal care services in the Marine Resources Center according to availability within the facility (also assigns tank space in Rowe and Loeb). Customized tanks with specific temperature and photoperiod control are available.

Requisition forms for detailing specific tank space needs are available in MRC 314, by request at x7700 or at: www.mbl.edu/mrc/services/pdf/tankspaceform.pdf.

**MBL Club**
100 Water Street, opposite Candle House
Open June 23–August 22, hours vary

- Matthew Burns, MBL Club Coordinator, x7623, mblclub@mbl.edu

Offers social, cultural, and recreational activities to the community during summer months. MBL Club members granted free or reduced admission to Club events. mbl.edu/mblclub.

**Meeting Rooms/Conference Services**
Swope Center, 8:30 AM–5:00 PM

- Liz McCarthy, Assistant Director of Conferences, Housing & Dining, x7214, meetingspace@mbl.edu, conferences@mbl.edu
Schedules all campus meeting spaces for conferences, courses, meetings, and other MBL events. Contracts and coordinates the conferences, workshops and meetings using MBL facilities.

Microscopy Facilities

- Louis Kerr, x7273, lkerr@mbl.edu
  mbl.edu/services/research/cmf/

The Light Optics Laboratory, Electron Microscope Laboratory, and Confocal Laboratory compose the Central Microscopy Facility. Complete equipment list and price sheets are available. Contingent upon staffing, a technician is available to provide preparative services. Workstations are available with Molecular Devices MetaMorph image processing and analysis system, the Zeiss Axiosview and ZEN systems and the HLK EBSD software, all for off-line analysis. We have a FluidVis 3D image analysis system and a open source workstation with Image J and OME. The facility also supplies liquid nitrogen.

Light Optics Laboratory
Lillie 208, 8:30 AM–4:30 PM

Houses light microscopy and photomicrography equipment. State-of-the-art optical microscopy equipment for techniques (phase, dark-field, fluorescence, polarization, DIC, structured illumination) available. Available are the Zeiss Axio Imager Z2 with an Apotome system, Zeiss AxioZoom dissecting unit, Poscope electronic polarization system, and a Nikon 50i system. Imaging supported with high resolution Zeiss Axiocam cameras. The Molecular Devices MetaMorph system and Zeiss ZEN system for image capture and processing are available.

Electron Microscope Laboratory
Lillie 208, 8:30 AM–4:30 PM

Houses JEOL 200CX transmission electron microscope and Zeiss Supra 40VP scanning electron microscope and most ancillary equipment necessary for microscopy specimen preparation. CryoSEM, EBSD, and EDS for the SEM are available. An image processing system is also available.

Confocal Laboratory
Lillie 208, 8:30 AM–4:30 PM

We have a Zeiss LSM-710 NLO two photon confocal microscope mounted on an inverted microscope. We have a LSM 780 with spectral imaging capabilities. We have the Combi laser micro-dissection and laser tweezers system. A Zeiss Observer SD spinning disc system with incubator and LSM 510 for electrophysiology is also available. All will be equipped for triple labeled fluorescence and outfitted for high resolution DIC. Attached to the microscopes will be a computer workstation with image processing, 3D reconstruction, and time-lapse software. Image processing, analysis, and storage will be available.

Notary Public
Candle House 300, 8:30 AM–5:00 PM
(Please call for an appointment.)

- Marcia Donovan, Candle House 300, x7300, mdonovan@mbl.edu

Notarizes documents.

Office of Research & Programs
Candle House 304, 8:00 AM–5:00 PM

- Jonathan Gitlin, Deputy Director of Research & Programs, x7270, jgitlin@mbl.edu
- Jane MacNeil, Administrator of Research & Programs, x7173, jmacneil@mbl.edu
- Ann Woolford, Coordinator of Research & Programs, x7173, awoolford@mbl.edu

Provides leadership, planning, and oversight of all academic and research programs. Develops and oversees policies relating to education, training, and scientific research; research and training infrastructure; and commercial relations with private enterprises, including intellectual property and technology transfer.

Payroll
Homestead 211, 8:00 AM–5:00 PM

- Melissa Newman, Payroll Bookkeeper, x7222, mnewman@mbl.edu

Periwinkle Club (see Child Care Services)

Planned Giving (see Development Office)

Plant Operations & Maintenance
(Deadline Issues)
Lillie Basement, 7:00 AM–5:00 PM

- William Brosseau, Interim Director of Facilities, x7773, wbrosseau@mbl.edu
- Denise Shepherd, Operations Assistant, x7776, pomp@mbl.edu
- Donald Settlemire, Maintenance Supervisor, x7333, dsettlemire@mbl.edu
OVERSEES THE OPERATION, MAINTENANCE, AND REPAIR
OF ALL PHYSICAL PLANT SYSTEMS, INCLUDING SEAWATER,
FRESHWATER, PLUMBING, CARPENTRY, REFRIGERATION, AND
HVAC. ALSO ELECTRICITY FOR HEAT, POWER, AND LIGHTING.
OFFERS AUTOCLAVE MAINTENANCE/REPAIR. CRAFTSPeOPLE
ARE ALSO AVAILABLE FOR INDIVIDUAL NEEDS, SERVICES, AND
PROJECTS. THIS OFFICE COVERS OVERALL SECURITY FUNCTIONS
FOR THE MBL COMMUNITY. PLEASE DON’T HESITATE TO
CONTACT THIS OFFICE ON ANY SECURITY-RELATED ISSUE. THE
INTERIM DIRECTOR IS AVAILABLE THROUGH THE WATCH STAFF,
at x7217, FOR ASSISTANCE AFTER HOURS.

PUBLIC INFORMATION
(SEE COMMUNICATIONS & PUBLIC AFFAIRS)

PURCHASING
Lilie 3, 8:00 AM–5:00 PM
- Lionel Hall, x7449, lhall@mbl.edu
- Lisa Hunt, x7446, lhunt@mbl.edu

PROCUREMENT PROVIDES PURCHASE ORDER FORMS AND
NUMBERS FOR ITEMS PURCHASED THROUGH THE MBL.
ALL ORDERS MUST HAVE A VALID PURCHASE ORDER NUMBER.

RADIATION SAFETY (SEE ENVIRONMENTAL, HEALTH,
& SAFETY OFFICE)

RESEARCH ADMINISTRATION (SEE SPONSORED PROGRAMS
OR CHIEF ACADEMIC AND SCIENTIFIC OFFICER)

RESEARCH SPACE ADMINISTRATION
Candle House 3rd Floor, 8:00 AM–5:00 PM
(SEE OFFICE OF RESEARCH & PROGRAMS)

SAFETY (SEE ENVIRONMENTAL HEALTH & SAFETY OFFICE)

SATELLITE CLUB (SEE CHILD CARE SERVICES)

SECURITY (SEE PLANT OPERATIONS & MAINTENANCE)

SEMESTER IN ENVIRONMENTAL SCIENCE
Starr Building
- Kenneth Foreman, Program Director, Starr 116,
x7348, kforeman@mbl.edu, ses@mbl.edu
- Alison Maksym, Educational Coordinator,
Starr 116, x7777

THE SEMESTER IN ENVIRONMENTAL SCIENCE IS A
15-WEEK PROGRAM OFFERED EACH FALL SEMESTER
BY THE ECOSYSTEMS CENTER THAT PROVIDES UNDER-
GRADUATES WITH AN OPPORTUNITY TO CONDUCT RESEARCH
ON FRESHWATER, ESTUARINE AND TERRESTRIAL ECOSYSTEMS
IN COLLABORATION WITH CENTER SCIENTISTS. STUDENTS CAN
ENROLL AND RECEIVE CREDIT THROUGH BROWN UNIVERSITY
OR FROM THEIR HOME INSTITUTIONS IF THEY ARE MEM-
BERS OF THE MBL CONSORTIUM IN ENVIRONMENTAL
SCIENCE.

SEMINARS (SEE ELECTRONIC MONITORS IN LILIE, LOEB,
AND SWOPE OR VISIT: MBL.EDU/CALENDAR)

SEXUAL HARASSMENT (SEE EQUAL EMPLOYMENT
OPPORTUNITY COORDINATOR)

SHIPPING AND RECEIVING (SEE TRANSPORTATION
& GROUNDS)

SHUTTLE SERVICE (SEE TRANSPORTATION & GROUNDS)

SPECIAL TOPICS COURSES (SEE EDUCATION OFFICE)

SPONSORED PROGRAMS
Homestead 3rd Floor, 8:00 AM–5:00 PM
- Rebecca Lynn, Manager, H 311, x7691, rlynn@mbl.edu
- Susan Kilmer, Senior Grant Coordinator, H 306,
x7301, skilmer@mbl.edu
- Cordelia Roth, Grant Coordinator, H 302,
x7284, croth@mbl.edu

ADMINISTERS MBL SCIENCE GRANTS AND CONTRACTS.

STOCK ROOM
Lilie 2 & 3
WINTER: MON. - FRI., 9:00–11:50 AM; 1:10–3:00 PM
SUMMER: MON. - FRI., 9:00-11:50 AM; 1:10–4:00 PM
- Lionel Hall, x7236, chemroom@mbl.edu;
Stockroom, x7236, chemroom@mbl.edu

PROVIDES CHEMICALS, LABORATORY GLASSWARE, OTHER
LAB SUPPLIES, AND OFFICE SUPPLIES.

SUMMER COURSES (SEE EDUCATION OFFICE)

SWITCHBOARD
Dial 0 or (508) 548-3705, Swope Center
24 HRS/DAY, 7 DAYS/WEEK

TELEPHONE SERVICES
Broderick House / 17 North Street
Monday-Friday, 8:00 AM–5:00 PM

CONTACT: IT HELPDESK
PHONE: 508-289-7654
WEB REQUESTS: helpdesk@mbl.edu
E-MAIL: helpdesk@mbl.edu
Provides telephone services, FAX lines, telephone equipment, long distance access codes, voice mail, teleconferencing. Advice on cellular phone service and other communication needs is provided. Provides voice and data services to the cottages. www.mbl.edu/it.

**Tennis Club**

Tennis courts located at Stony Beach

- Tennis Club Steward, (508) 540-0732

Membership is open to all in the Woods Hole community. Activities include a children’s program, and professional tennis instruction.

The fee for one season of access to the Stony Beach courts is $60.00 for an individual. Family or Junior memberships are also available. MBL Club members and students enrolled in an MBL course receive free membership but must register with the Steward. Registration information and complete descriptions of Club regulations, fees, and sign-up policies are available from the MBL Club steward, CH 200, at the Stony Beach tennis courts, or leave a message for the MBL Tennis Club Steward at (508) 540-0732.

**Tours (see Communications and Public Affairs)**

**Transportation & Grounds**

Lillie Basement Room 10A, 7:30 AM–5:00 PM

- Bob Kaski, Supervisor, 7326, rkaski@mbl.edu

*Parking:* parking@mbl.edu

*Mailroom:* Horace Bryant, x7228, hbryant@mbl.edu

*Boxes and equipment moving:* boxes@mbl.edu

Provides a wide variety of campus services, including shipping and receiving, moving heavy equipment, recycling, Summer Shuttle Program, parking, grounds maintenance, warehouse management, and bike room.

**Veterinary Services**

MRC 311

- Dr. Amy Hancock, Veterinarian, x7522, ahancock@mbl.edu
- Daniel Johnson, Mammalian Animal Care Coordinator, x7288, djohnson@mbl.edu
- Kathryn Dever, Animal Care Assistant, x7662, kdever@mbl.edu

Provides disease consultation and animal care services for investigators and aquaculturists. www.mbl.edu/services/serv_vet_serv.html

**Water Quality Analysis**

MRC 201

- Janice Simmons, x7458, jsimmons@mbl.edu

Provides water quality analysis; chemical analysis of seawater using computer-based sondes, spectrophotometric and colorimetric determinations for 11 parameters. Y.S.I. analytical software support available. Call for additional information and appointments.

**Woods Hole Day Care Cooperative**

(see Child Care Services)

**National Xenopus Resource**

Loeb Laboratory

- Marko Horb, Director, mhorb@mbl.edu or xenopus@mbl.edu
- Kaitlin Doucette, Research Assistant, kdoucette@mbl.edu
- Esther Pearl, Research Associate, epearl@mbl.edu
- Cristy Salanga, Research Assistant, csalanga@mbl.edu
- Lynn Ware, NXR Technician, lware@mbl.edu
- Barbara Burbank, Program Administrator, x7700, bburbank@mbl.edu

The National Xenopus Resource (NXR) is a unique facility of the MBL for supporting *X. laevis* and *X. tropicalis*, including breeding, maintaining genetic stocks, providing stocks to researchers, developing new experimental tools and husbandry techniques, conducting workshops, and/or meeting other needs of the *Xenopus* research community in the United States and abroad. The NXR is supported by an NIH grant, which is housed in the Loeb Laboratory and is a component of the Eugene Bell Center for Regenerative Biology and Tissue Engineering.
For Emergency Assistance:

**Personal Injury** — Call the MBL Emergency Number, ext. 7911, or the Falmouth Fire Department, 9 + 911.

**Chemical Spill or Radiation Accidents** — Call the MBL Environmental Health & Safety Office (EH&S) at ext. 7424 or ext. 7911. MBL operators and watchmen have appropriate emergency numbers.

**Fire** — Sound nearest alarm, evacuate, and call 9 + 911 and ext. 7911.

**Poisoning** — Call Massachusetts Poison Control Center 9 + 1 (800) 222-1222.

**MBL Watch Staff** — Call ext. 7217.

1. Remember to wear safety glasses, goggles, gloves, lab coats, or aprons as recommended by chemical manufacturers when handling chemicals. These and other safety supplies are available in the Stock Room. Contact the EH&S Office at x7424 for assistance in selecting appropriate protection.

2. In the event of any chemical spill, evacuate the immediate area and contact the EH&S Office, x7424. Re-enter only if the spill poses no danger.

3. All waste chemicals are now collected in the lab by the Safety department. Waste chemicals must be placed in secure containers labeled (waste sticker) with all chemical contents, laboratory name, and phone extension. Call x7424 or e-mail jmarcello@mbl.edu.

4. Please locate nearby emergency equipment including: fire extinguishers, first aid kits, eyewash stations, safety showers, and fire alarms. You may lose valuable time searching for these in an emergency.

5. Electrical equipment used with seawater tables or in wet areas must be connected through a ground fault interrupter (GFI) circuit. If none is available, a GFI can be obtained through Apparatus.

6. Hypodermic needles, syringes, pasteur pipettes, broken medical glassware, and other sharps should be stored in approved bio-hazardous waste containers. Call x7424 for pickup when containers are full or when your research is complete (i.e., you are leaving the lab.)

7. Compressed gas cylinders must be secured in place at all times, even if their use is only temporary. Clamps are available from Apparatus. Cover valve with cap and use a hand truck when transporting.

8. Do not store any flammable solvents in refrigerators or freezers that have not been either made or modified for flammable storage. Internal ignition sources may ignite confined vapors.

9. All stored chemicals must be well labeled. Chemicals left in laboratories at season’s end will either be placed into the surplus or disposed of accordingly.

10. Material Safety Data Sheets and other sources of information on chemical hazards are available online.

11. All carcasses of warm-blooded animals and preserved, contaminated, or exotic marine animals must be cremated. Contact the EH&S Office at x7424 for instructions.

12. SCUBA divers wishing to use MBL facilities must contact William Grossman, the MBL’s Diving Safety Officer, at x7655 or e-mail wgrossman@mbl.edu.

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The MBL Environmental, Health, and Safety Office (EH&S) is located in Lillie 118 (Rooms D and E). The Scintillation Count Room is located in Lillie 118 (Room F). If you have any questions regarding lab safety, radiation safety, chemical waste disposal or other safety concerns, please contact James Marcello at ext. 7424.
2014 Course Information

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<tr>
<th>Course</th>
<th>E-mail</th>
<th>Main Lab</th>
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<tbody>
<tr>
<td>Biology of Parasitism</td>
<td><a href="mailto:bop@mbl.edu">bop@mbl.edu</a></td>
<td>Lb 306</td>
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<td>7949/7950</td>
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<td>Embryology</td>
<td><a href="mailto:embryo@mbl.edu">embryo@mbl.edu</a></td>
<td>Lb 260</td>
<td>Lb 255a/b</td>
<td>7887/7564</td>
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<td>Microbial Diversity</td>
<td><a href="mailto:microb@mbl.edu">microb@mbl.edu</a></td>
<td>Lb 207</td>
<td>Lb 206a</td>
<td>7770</td>
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<tr>
<td>Neural Systems &amp; Behavior</td>
<td><a href="mailto:nsb@mbl.edu">nsb@mbl.edu</a></td>
<td>Lb 160</td>
<td>Lb 157a/b</td>
<td>7578/7555</td>
</tr>
<tr>
<td>Neurobiology</td>
<td><a href="mailto:neuro@mbl.edu">neuro@mbl.edu</a></td>
<td>Lb 108</td>
<td>Lb 104a/b</td>
<td>7445/7422</td>
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<td>Physiology</td>
<td><a href="mailto:physio@mbl.edu">physio@mbl.edu</a></td>
<td>Lb 353</td>
<td>Lb 352</td>
<td>7967</td>
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<tr>
<td>SPINES</td>
<td><a href="mailto:spines@mbl.edu">spines@mbl.edu</a></td>
<td>Lb 153</td>
<td>Lb 166/167</td>
<td>7534/7211</td>
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<td>Methods in Computational Neuroscience</td>
<td><a href="mailto:mcn@mbl.edu">mcn@mbl.edu</a></td>
<td>Lb 360</td>
<td>Lb 361</td>
<td>7976</td>
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<td>Molecular Mycology</td>
<td><a href="mailto:momy@mbl.edu">momy@mbl.edu</a></td>
<td>Lb 207</td>
<td>Lb 205a/b</td>
<td>7753/7756</td>
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<td>Lb 160</td>
<td>Lb 157a/b</td>
<td>7578/7555</td>
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Biology of Parasitism
June 20 – August 9

COURSE DIRECTORS
Deitsch, Kirk, Weill Cornell Medical College
Ward, Gary, University of Vermont

FACULTY
Billker, Oliver, Wellcome Trust Sanger Institute
Catteruccia, Flaminia, Harvard School of Public Health
Dimopoulos, George, Johns Hopkins University
Bloomberg School of Public Health
Engwerda, Christian, Queensland Institute of Medical Research
Hill, Kent, University of California, Los Angeles
Sher, Franklin Alan, National Institutes of Health
Sinnis, Photini, The Johns Hopkins University
Tachezy, Jan, Charles University
Van Dooren, Giel, Australian National University
Zaph, Colby, University of British Columbia

COURSE COORDINATOR / ASSISTANTS
Cotton, Rachel, Harvard University
Williams, Jennie, Chapel Hill Chauncy Hall School

Embryology
June 7 – July 20

COURSE DIRECTORS
Sánchez Alvarado, Alejandro, Stowers Institute for Medical Research
Behringer, Richard, M.D. Anderson Cancer Center

FACULTY
Collazo, Andres, California Institute of Technology
Galliot, Brigitte, University of Geneva
Green, Stephen, California Institute of Technology
Harland, Richard, University of California, Berkeley
Henry, Jonathan, University of Illinois
Keller, Raymond, University of Virginia
Maddox, Paul, University of North Carolina
Ober, Elke, University of Copenhagen
Patel, Nipam, University of California, Berkeley
Piotrowski, Tatjana, Stowers Institute for Medical Research
Ronshaugen, Matthew, University of Manchester
Seaver, Elaine, University of Florida
Sherwood, David, Duke University
Streit, Andrea, King's College London
Trainor, Paul, Stowers Institute for Medical Research
Wallingford, John, University of Texas, Austin
Wikramanayake, Athula, University of Miami
Zeller, Robert, San Diego State University

COURSE COORDINATOR / ASSISTANTS
Famiglietti, Amber, Swarthmore College
Jinson, Shane, MBL
Kaufman, Carolyn, Stowers Institute for Medical Research

Microbial Diversity
July 5 – August 21

COURSE DIRECTORS
Leadbetter, Jared, California Institute of Technology
Newman, Dianne, California Institute of Technology

FACULTY
Dawson, Scott, University of California, Davis
Hanselmann, Kurt, Swiss Federal Institute of Technology
O’Toole, George, Geisel School of Medicine at Dartmouth
COURSE COORDINATOR
Kern, Suzanne, California Institute of Technology

COURSE ASSISTANTS
Michel, Alice, California Institute of Technology
Salgado, Cristian, University of Maryland

Neural Systems & Behavior
June 7 – August 3

COURSE DIRECTORS
Fenton, André, New York University
Hofmann, Hans, University of Texas at Austin

FACULTY
Adesnik, Hillel, University of California, Berkeley
Alarcon, Juan Marcos, SUNY Downstate Medical Center
Angstadt, James, Siena College
Bhandawat, Vikas, Duke University
Blitz, Dawn, Miami University
Brecht, Hans, BCCN, Humboldt University Berlin
Bucher, Dirk, New Jersey Institute of Technology
Calabrese, Ronald, Emory University
Chacron, Maurice, McGill University
Dudchenko, Paul, University of Stirling
Fortune, Eric, New Jersey Institute of Technology
Golowasch, Jorge, New Jersey Institute of Technology
Harris, Rayna, University of Texas at Austin
Kristan, William, University of California, San Diego
Langston, Rosamund, University of Dundee
Leifer, Andrew, Princeton University
Maimon, Gaby, The Rockefeller University
Mesce, Karen, University of Minnesota
Nadim, Farzan, NJIT/Rutgers University
Norris, Brian, California State University
Puhl, Joshua, National Institutes of Health
Reiser, Michael, HHMI / Janelia Farm Research Campus
Renn, Susan, Reed College
Ritt, Jason, Boston University
Stein, Wolfgang, Illinois State University
Szczupak, Lidia, Universidad de Buenos Aires
Theobald, Jamie, Florida International University
Todd, Krista, University of California, San Diego
Van Der Meer, Matthijs, University of Waterloo
Weir, Peter, University of Washington
Wenning-Exelbeen, Angela, Emory University
White, Stephanie, University of California, Los Angeles
Wood, Emma, University of Edinburgh
Wright, Terrence, University of California, Davis
Zee, Michele (Jade), Northeastern University

COURSE COORDINATOR / ASSISTANTS
Shanley, Mary, Northeastern University
Veary, Janelle, Northeastern University

Neurobiology
June 7 – August 3

COURSE DIRECTORS
Davis, Graeme, University of California, San Francisco
Ryan, Timothy, Weill Cornell Medical College

FACULTY
Aizenman, Carlos, Brown University
Araneda, Ricardo, University of Maryland
Arbeitman, Michelle, Florida State University
Bautista, Diana, University of California, Berkeley
Buchanan, JoAnn, Stanford University
Commons, Kathryn, Children’s Hospital/Harvard Medical School
Diaz, Elva, University of California, Davis
Eaton, Benjamin, University of Texas Health Science Center, San Antonio
Hammarlund, Marc, Yale University
Hess, Sam, University of Maine
Hoppa, Michael, Weill Cornell Medical College
Khodakhah, Kamran, Albert Einstein College of Medicine
Kirkwood, Alfredo, The Johns Hopkins University
Lee, Hey-Kyoung, The Johns Hopkins University
Littleton, J. Troy, Massachusetts Institute of Technology
Micheva, Kristina, Stanford University
Misgeld, Thomas, Technische Universite Munich
Mueller, Martin, University of Zurich
Oertner, Thomas, Center for Molecular Neurobiology Hamburg
Parrish, Jay, University of Washington
Pellegrino, Maurizio, University of California, Berkeley
Peterka, Darcy, Columbia University
Sack, Jon, University of California, Davis
Sagasti, Alvaro, University of California, Los Angeles
Smith, Stephen, Stanford University School of Medicine
Von Zastrow, Mark, University of California, San Francisco
Yasuda, Ryohei, Max Planck Florida Institute for Neuroscience
Zuo, Yi, University of California, Santa Cruz
COURSE COORDINATOR / ASSISTANTS
Huang, Roya, Williams College
Moeller, Hannah, University of California, Los Angeles
Ryan, Lucia, NY

Physiology
June 15 – August 3

COURSE DIRECTORS
Lippincott-Schwartz, Jennifer, National Institutes of Health
Marshall, Wallace, University of California, San Francisco
Phillips, Rob, California Institute of Technology

FACULTY
Borisy, Gary, The Forsyth Institute
Brzostowski, Joseph, National Institutes of Health
Cohen, Adam, Harvard University
Fischer, Robert, National Institutes of Health
Fletcher, Daniel, University of California, Berkeley
Garcia, Hernan, Princeton University
Goldstein, Bob, University of North Carolina – Chapel Hill
Howard, Jonathon, Yale University
Ingaramo, Maria, National Institutes of Health
King, Nicole, University of California, Berkeley
Kondev, Jane, Brandeis University
Nunnari, Jodi, University of California, Davis
Ott, Carolyn, National Institutes of Health
Petry, Sabine, Princeton University
Renz, Malte, National Institutes of Health
York, Andrew, National Institutes of Health

COURSE COORDINATOR / ASSISTANTS
Buschmann, Max, McGill University
Gau, Daniel, California State University
Silver, Brian, California Institute of Technology

Methods in Computational Neuroscience
July 30 – August 27

COURSE DIRECTORS
Fee, Michale, Massachusetts Institute of Technology
Goldman, Mark, University of California, Davis

FACULTY
Baccus, Stephen, Stanford University
Brody, Carlos, Princeton University
Daw, Nathaniel, New York University
Ermentrout, Bard, University of Pittsburgh
Fairhall, Adrienne, University of Washington
Frank, Loren, University of California, San Francisco
Gage, Gregory, Backyard Brains
Kleinfeld, David, University of California, San Diego
Latham, Peter, University College London
Lewis, Tim, University of California, Davis
Lisman, John, Brandeis University
Marder, Eve, Brandeis University
Pillow, Jonathan, University of Texas at Austin
Redish, David, University of Minnesota
Rinzel, John, New York University
Rubin, Jonathan, University of Pittsburgh
Sawtell, Nate, Columbia University
Solla, Sara, Northwestern University
Sompolinsky, Haim, Hebrew University
Tsodyks, Misha, Weizmann Institute

Summer Program in Neuroscience, Ethics & Survival
June 21 – July 19

COURSE DIRECTORS
King, Jean, UMASS Medical School
Trujillo, Keith, California State University
San Marcos
Molecular Mycology
June 15 – July 1

COURSE DIRECTORS
Alspaugh, James, Duke University School of Medicine
Hogan, Deborah, Dartmouth Medical School

FACULTY
Berman, Judith, Tel Aviv University
Del Poeta, Maurizio, Stony Brook University
Edwards, John, Harbor UCLA Medical Center
Kopka, James, Stony Brook University (SUNY)
Krysan, Damian, University of Rochester
Lin, Xiaorong, Texas A&M University
Lorenz, Michael, University of Texas Health Science Center
Mitchell, Aaron, Carnegie Mellon University
Rapleye, Chad, Ohio State University
Sheppard, Donald, McGill University
Wheeler, Robert, University of Maine
White, Ted, University of Missouri, Kansas City

COURSE COORDINATOR
Edwards, Carol, Harbor UCLA Medical Center

Zebrafish Development & Genetics
August 10 – August 24

COURSE DIRECTORS
Granato, Michael, University of Pennsylvania, School of Medicine
Houart, Corinne, King’s College London

FACULTY
Amacher, Sharon, The Ohio State University
Collazo, Andres, California Institute of Technology
Ekker, Stephen, Mayo Clinic
Fadool, James, Florida State University
Karlstrom, Rolf, University of Massachusetts
Moens, Cecilia, Fred Hutchinson Cancer Research Center
Mullins, Mary, University of Pennsylvania School of Medicine
Poss, Kenneth, Duke University Medical Center
Raible, David, University of Washington
Raz, Erez, University of Muenster
Schier, Alexander, Harvard University
Solnica-Krezel, Washington University School of Medicine
Woods, Ian, Ithaca College
Yelon, Deborah, University of California, San Diego

COURSE COORDINATOR
Wolman, Marc, University of Wisconsin

COURSE ASSISTANTS
Freeman, April, University of Oregon
Inglis, Caitlin, MA
Maloney, Kara, Children’s Hospital Boston
General Telephone Information

Conference Room Locations & Extensions

Broderick House-16, (508) 289-7310
Candle House 104/105, (508) 289-7159
Candle House Loft, (508) 289-7657
Homestead 302, (508) 289-7128
Lillie 100a, x7100, (Wall: 7100)
Lillie 103, x7103, (508) 289-7930 (Wall: 7103)
Lillie 317 (BPC), (508) 289-7795
Loeb G70 North, (508) 289-7542
Loeb G70 South, (508) 289-7544
Loeb 263, (508) 289-7552
Loeb 374, (508) 289-7532
MRC 210, (508) 289-7681
MRC 310, (508) 289-7682 (Desk: 7723)
Rowe 105, (508) 289-7917
Rowe 405, (508) 289-7403
Starr 209, (508) 289-7559
Starr 222, (508) 289-7110 (Wall: (508) 289-7110)
Starr 322, (508) 289-7114
Swope, Meigs Room, (508) 289-7935
Swope, Private Dining Room, (508) 289-7587

All conference rooms have wireless internet access.

Fax Numbers

Bay Paul Center, (508) 457-4727
Broderick House - IT, (508) 289-7302
Candle House, (508) 289-7934
The Ecosystems Center, (508) 457-1548
Encyclopedia of Life (EOL), (508) 289-7198
Homestead, (508) 289-7931
Human Resources, (508) 289-7118
Marine Resources Center, (508) 289-7900
Swope Conference Center, (508) 540-7187

MBL Telephone Instructions

All on campus MBL extensions can be called directly by using the (508) 289-xxxx exchange.

Memorial Circle and Devil’s Lane cottages can be called directly by using the (508) 299-xxxx exchange.

On Campus Calls:
Call the four-digit extension.

Local Calls:
Call 9 + 508 + phone number.

Long Distance Calls:
Access Code Calls
Call 9 + 1 + area code + phone number (3 tones) + access code.

Calling Card Calls
Call 9 + your long distance carrier access number (i.e.: 1-800-call-att).

International Calls:
Access Code Calls
Call 9 + 011 + country code + city code + phone number + access code.

Calling Card Calls
Call 9 + 0 + 1 + country code + city code + phone number, wait for the tone and enter the credit card/calling card number.

Access Codes & Calling Cards:
Available to qualified MBL affiliates upon request. Contact Becky Mountford, ext. 7654 or e-mail: helpdesk@mbl.edu.

MBL Teleconference Line

Available to qualified MBL affiliates upon request. Contact Becky Mountford, ext. 7654 or e-mail: helpdesk@mbl.edu.
## 2014 SUMMER SHUTTLE SCHEDULE
Effective June 16 - August 29

**Bold times are express shuttles**

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</table>

**For Safety:** Fishing poles or animals are not allowed on vans or buses at anytime.

**Seat Belts and Car Seats:**
MA law requires all passengers to wear seat belts. Children under 5 years old, or weighing under 40 lbs MUST use car seats.

**Please Note:**
There is no shuttle service Saturday afternoons, Sundays, or holidays.

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**Saturday Morning Schedule**

<table>
<thead>
<tr>
<th>Leave Lillie</th>
<th>Leave Devil's Lane</th>
<th>Leave Lillie</th>
<th>Leave Devil's Lane</th>
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<tbody>
<tr>
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*Last shuttle to Devil's Lane leaves at 7:40 PM, Mon - Fri, and at 11:50 AM on Saturday*
### Quick Phone Reference

<table>
<thead>
<tr>
<th>Number</th>
<th>Department/Service</th>
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<tbody>
<tr>
<td>7224</td>
<td>Accounts Payable</td>
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<tr>
<td>7226</td>
<td>Accounts Receivable</td>
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<tr>
<td>7401</td>
<td>Admissions</td>
</tr>
<tr>
<td>7288</td>
<td>Animal Care Facility</td>
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<tr>
<td>7444</td>
<td>Apparatus</td>
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<tr>
<td>7375</td>
<td>Aquatic Resources Division (MRC) Office</td>
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<tr>
<td>7341</td>
<td>Archives</td>
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<tr>
<td>7654</td>
<td>Audio-Visual Services</td>
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<tr>
<td>7137</td>
<td>Bay Paul Center</td>
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<tr>
<td>7243</td>
<td>BioCurrents Research Center (BRC)</td>
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<tr>
<td>7149</td>
<td>Biological Bulletin</td>
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<tr>
<td>7164</td>
<td>Catering</td>
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<tr>
<td>7243</td>
<td>Cellular Dynamics Program</td>
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<tr>
<td>7378</td>
<td>Cellular Dynamics Program - Imaging</td>
</tr>
<tr>
<td>7173</td>
<td>Administrator of Research &amp; Programs</td>
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<tr>
<td>7423</td>
<td>Communications &amp; Public Affairs</td>
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<tr>
<td>7160/7776</td>
<td>Conference &amp; Lecture Room Reservations</td>
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<tr>
<td>7650</td>
<td>Development</td>
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<td>7164</td>
<td>Dining Services</td>
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<td>7300</td>
<td>Director's Office</td>
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<td>7472</td>
<td>Ecosystems Center</td>
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<td>7340</td>
<td>Education Office</td>
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<td>7372</td>
<td>Encyclopedia of Life (EOL)</td>
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<td>7424</td>
<td>Environmental Health &amp; Safety</td>
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<td>7378</td>
<td>Equal Employment Opportunity</td>
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<td>7273</td>
<td>Equipment, General Use</td>
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<td>7700</td>
<td>Bell Center</td>
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<td>7650</td>
<td>External Relations</td>
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<tr>
<td>7325/7454</td>
<td>Facilities, Services, &amp; Projects Office</td>
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<td>7275</td>
<td>Financial Services</td>
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<td>Food Service (Sodexo Services)</td>
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<td>7230</td>
<td>Gift Shop</td>
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<td>7381</td>
<td>Grass Foundation Lab</td>
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<td>Information Technology (IT)/Help Desk</td>
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<td>7431</td>
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<td>7591</td>
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<td>Human Resources/Personnel</td>
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<td>7002</td>
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<td>Machine Shop</td>
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<td>Marine Resources Program</td>
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<td>7206</td>
<td>Marine Resources Organism Tank Room</td>
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<td>7281</td>
<td>MBL Associates</td>
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<td>7623</td>
<td>MBL Club</td>
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<tr>
<td>508-289-7MBL</td>
<td>MBL Status Line (weather closings)</td>
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<td>7273</td>
<td>Microscopy Facilities</td>
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<td>7654</td>
<td>Network/Computer Service/Help Desk</td>
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<td>7300</td>
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<td>7222</td>
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<td>Plant Operations &amp; Maintenance</td>
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<td>7449</td>
<td>Purchasing</td>
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<td>7778</td>
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<td>7326</td>
<td>Shipping and Receiving</td>
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<td>7776/7217</td>
<td>Stock Room (Chem Room)</td>
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<td>7623</td>
<td>Tours, Pierce Exhibit Center</td>
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<td>7530</td>
<td>Transportation Services &amp; Grounds</td>
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<tr>
<td>7217</td>
<td>Watch Staff (off hours and weekends)</td>
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<td>7458</td>
<td>Water Quality Analysis</td>
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### Local Business Numbers — all #s 9 + (508) unless otherwise specified

<table>
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<tr>
<th>Business</th>
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<tbody>
<tr>
<td>Peter Pan Bus Lines</td>
<td>540-3954</td>
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<tr>
<td>Children’s School of Science</td>
<td>548-3603</td>
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<tr>
<td>MBL Dining Hall</td>
<td>289-7589</td>
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<tr>
<td>National Academy of Sciences (J. E. Jonsson Center)</td>
<td>548-3760</td>
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<tr>
<td>National Marine Fisheries Service (NMFS)</td>
<td>495-2000</td>
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<td>National Marine Life Center (Strandings)</td>
<td>743-9888</td>
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<td>NMFS Aquarium</td>
<td>495-2001</td>
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<tr>
<td>Oceanquest</td>
<td>414-1009</td>
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<tr>
<td>Periwinkle Club (summer only)</td>
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Satellite Club (summer only) 289-7778
Sea Education Association 540-3954
U.S. Coast Guard Woods Hole 457-3277
U.S. Geological Survey 548-8700
U.S. Post Office, Woods Hole 548-3298
Woods Hole, Martha’s Vineyard & Nantucket Steamship Authority 477-8600
Woods Hole Oceanographic Institution (WHOI) Main Number: 457-2000 or 548-1400 Information Office: 289-2252
Woods Hole Research Center 540-9900
Emergency

From an MBL phone extension:

MBL Emergency Number......7911 ....................... 508-289-7911

Chemical Spills or Radiation Accidents .............. 7424 or 7911 .......... 508-289-7424/7911

Falmouth Fire & Rescue Squad 9 + 911 ....................... 911

Falmouth Police Department .....9 + 911 ....................... 911

Drug Overdose ......................... 9 + 911 ....................... 911

Falmouth Hospital ................. 9 + 508-548-5300 .......... 508-548-5300

Massachusetts Poison Control Center .................. 9 + 1 + 800-222-1222 1-800-222-1222

Employee Assistance Program ......................... 9 + 1 + 800-828-6025 1-800-828-6025

Sexual Assault (Independence House) ................. 9 + 1-800-439-6507 1 + 800-439-6507

U.S. Coast Guard Emergency Search & Rescue ................ 9 + 508-548-5151 508-548-5151

Watch Staff ...................... 7217 ...................... 508-289-7217