

## General Information on Research Awards at the MBL

The Marine Biological Laboratory is pleased to announce the availability of funding for 2011 Research Awards. These prestigious awards provide costs for research and housing, and also enable awardees to benefit from the rich intellectual and interactive environment of the scientific community at the MBL. Funding requires a minimum stay of six weeks at the MBL.

Research awards can be used to support independent research in the Rowe building in independent lab space, collaborative research in a resident scientist's lab, or in the Loeb building in affiliation with the discovery courses. Research proposed in the resident program or courses requires pre-approval of the host lab and program and the course directors, respectively, and the CASO office.

Proposals for Research award support will be considered in, but are not limited to, the following fields of investigation:

- Cell Biology
- Developmental Biology
- Ecology
- Evolution
- Microbiology
- Neurobiology
- Physiology
- Tissue Engineering

The following programs are intended primarily to help support the costs of summer research at the MBL. Unless otherwise stated, applicants should use the [research award application](#) (pdf format). ***Application Deadline: December 15 unless otherwise stated.***

To request additional information, please contact:

Research Award Coordinator

Tel: (508) 289-7173; E-mail: [researchawards@mbl.edu](mailto:researchawards@mbl.edu)

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### **Junior Research Awards:**

#### ***Albert and Ellen Grass Faculty Grant***

The intent of the program is to promote innovative research collaborations, ideally between investigators from different institutions. Preference will be given to junior investigators, and they are a required member of any team seeking this fellowship support.

#### ***Stephen W. Kuffler Fellowship Fund***

Established in memory of Stephen Kuffler, who initiated the MBL Neurobiology Course, this fund is intended to encourage the career development of promising young investigators by helping to support them in the intense intellectual atmosphere of the MBL for the summer. It covers part of the costs of laboratory rental, housing, and other personal expenses.

#### ***Nikon Fellowship***

A summer fellowship at the MBL is available to a young investigator doing research in an area of biology in which she or he can make extensive use of advanced microscopy or micro-

manipulation systems provided by Nikon, Inc. for their laboratory and also benefit from the technical expertise offered by Nikon, Inc. to support these instruments. This generous fellowship includes a summer laboratory, housing, and a budget for incidental expenses, equipment rental, and supplies.

Requests will also be considered for collaborative research projects at the MBL during the off-season period.

#### **Junior or Senior Research Awards:**

##### ***The Laura and Arthur Colwin Endowed Summer Research Fellowship Fund***

This endowed fund provides support for independent investigators conducting research in the fields of cell and developmental biology during the summer months at the MBL.

##### ***The Erik B. Fries Endowed Fellowship Fund***

Established by the estate of Erik B. Fries, a biology professor at City College of New York, course director of MBL's Botany Course in the early 1900s, and a long-time Woods Hole resident, this endowed fund will be used to defray laboratory or library expenses of independent investigators at the MBL. Preference is given to investigator members of the Department of Biology of the City College of New York.

##### ***M. G. F. Fuortes Fellowship Fund***

Established in memory of M. G. F. Fuortes, a renowned neurophysiologist, this endowed summer fellowship fund is available to young investigators working in the neurosciences.

##### ***The H. Keffer Hartline and Edward F. MacNichol, Jr. Fellowship Fund***

This Fellowship Fund was established in memory of H. Keffer Hartline and his impact on sensory science. Dr. Hartline came to the MBL as a young scientist and "discovered" the eye of the horseshoe crab. He initiated his pioneering studies of the eye in 1929 and continued this research at the MBL for many summers. This fund provides support for scientists to carry out research in sensory neurobiology.

##### ***The Plum Foundation John E. Dowling Fellowship Fund***

Established in honor of Dr. John E. Dowling, this fellowship fund helps underwrite the costs of room and board, supplies, and laboratory space rental for outstanding applicants pursuing research on the neurobiology of vision and retinal research.

#### **Graduate/Postdoctoral Awards:**

##### ***Robert Day Allen Fellowship Fund***

This fellowship fund honors the memory of Professor R. D. Allen of Dartmouth College and the MBL. Dr. Allen was a distinguished investigator of cell motility processes, a leading microscopist, and one of the developers of video-enhanced optical microscopy with differential interference contrast. The award is for a young investigator committed to research on cell motility and cytoarchitecture, and contributes toward the costs of summer research at the MBL.

##### ***Frederik B. and Betsy G. Bang Fellowship Fund***

Summer fellowships honoring the late Frederik B. Bang, M.D., are offered for the study of the immune capability of marine animals and more generally for the use of marine models for research in molecular biology or biomedicine. Funds primarily support laboratory space and research expenses.

***The Eugene and Millicent Bell Fellowship Fund in Tissue Engineering at the MBL*** will provide a research award to visiting graduate students, postdoctoral fellows or faculty pursuing research in a variety of biomedical questions that advance our knowledge of biological composition and function at levels ranging from molecules to cells, to tissue, to organs and whole organisms. This work is grounded in a solid base of chemistry, physics, math and biology and aims to expand the possibilities for tissue and organ reconstitution and replacement.

***The MBL Associates Endowed Fellowship***

The MBL Associates were formed in 1944 to provide a connection to the Laboratory for friends, both scientists and non-scientists who have an interest in the research, educational and cultural activities of the MBL. The Associates provide fellowship funds to help support the costs of summer research at the MBL.

***The William Townsend Porter Fellowship for Minority Investigators***

The Porter Foundation offers fellowship support for young scientists (undergraduates, senior graduate students, and postdoctoral trainees) who are from an under-represented minority group (African-American, Hispanic American, Native American) and are U.S. citizens or permanent residents to do research with senior investigators at the MBL. The fellowship contributes toward the expenses at the MBL during the summer.

**Postdoctoral Awards**

***The Baxter Postdoctoral Fellowship Fund***

Baxter International, Inc. has established a Fellowship Fund for postdoctoral investigators in the biological and biomedical sciences. This permanently endowed fellowship fund supports a scientist undertaking independent research at the Marine Biological Laboratory in the summer.

**Other Faculty Research Awards**

***The E. E. Just Endowed Research Fellowship Fund***

This fellowship honors Dr. Ernest Everett Just's contributions to developmental biology and experimental embryology. Dr. Just was the first African American to be professionally recognized for his scientific work, and much of it was accomplished at the MBL during the early part of the 1900s. This fellowship will underwrite an outstanding minority scientist's participation in research at the MBL.

***Ann E. Kammer Memorial Fellowship Fund***

In memory of Ann E. Kammer, a renowned zoologist, this endowed summer fellowship fund is available to women investigators, with a preference given to those working in the neurosciences.

***Lucy B. Lemann Fellowship Fund***

Established in memory of Lucy B. Lemann, a Woods Hole neighbor who worked to educate the public on environmental issues and nuclear disarmament, this endowed fellowship fund helps support the costs of summer research at the MBL.

***Frank R. Lillie Fellowship***

This fellowship was established in memory of Frank R. Lillie, a distinguished developmental biologist and the laboratory's director for many years. The award provides a research laboratory and funds for supplies.

***The Gruss Lipper Family Foundation Fellowship***

This fellowship/scholarship underwrites expenses and travel to bring Israeli investigators and

advanced students to the MBL to work independently or to collaborate with MBL scientists or to participate in the MBL summer and short courses.

***James A. and Faith Miller Memorial Fund***

This fellowship provides funds for summer research at the MBL in any relevant discipline, with preference given to developmental biology.

***The Evelyn and Melvin Spiegel Fellowship Fund***

Established with funds provided by the Sprague Foundation and various individuals, this fellowship fund supports summer research at the MBL in any relevant discipline, with preference given to developmental biology.

***The Burr and Susie Steinbach Fellowship Fund***

This fellowship honors the memory of H. "Burr" and Eleanor "Susie" Steinbach. Dr. Steinbach was a scientist, educator, and administrator who made important contributions toward the understanding of bioelectric generators, ionic equilibria across cell membranes, and the enzymology of cell organelles. He was Director of the MBL (1966-70) and a Life Member and Trustee of the Corporation. This fellowship fund, made possible by the generosity of the Steinbach family and others, helps cover laboratory fees, housing expenses, and other appropriate personal expenses.

**Distinguished Faculty Award:**

***Herbert W. Rand Fellowship***

This fellowship provides funds to bring to the Laboratory a distinguished investigator, preferably, but not necessarily, from outside of the United States. The award covers or assists with such expenses as travel, supplies, laboratory fees, and a stipend.

**Retired/Senior Awards:**

***John M. Arnold Award***

Established in 2007 this award funds an unfunded retired or senior researcher in any field of study.

**Library Reader Awards:**

***Fred Karush Endowed Library Readership***

The Karush family has established an MBL/WHOI Library Readership in Fred Karush's memory for qualifying scientists. This fund provides the fees for desk rental and full privileges in the MBL/WHOI Library, on a monthly basis, each summer. **DEADLINE: February 15 annually**

**Grass Foundation Fellowships**

The Grass Foundation makes available fellowships for summer research to young postdoctoral investigators in neuro-physiology at the MBL. The Grass Foundation seeks to encourage independent research by investigators early in their career and to increase research opportunities for persons trained for careers in neurobiological investigation. The normal tenure is fourteen weeks. The number of fellowships awarded varies annually. **DEADLINE: December 5th annually.** For more information, please go to our website at [www.grassfoundation.org](http://www.grassfoundation.org) or contact:

Grass Fellowship Coordinator  
Marine Biological Laboratory  
7 MBL Street  
Woods Hole, MA 02543-1015  
Tel: 508-289-7521  
Email: [gfp@grassfoundation.org](mailto:gfp@grassfoundation.org)