



DEADLINE:

**March 1, 2010**

*Applications must be complete and received by this date to be considered.*

# 2010 Logan Science Journalism Program at the Marine Biological Laboratory

**Biomedical Hands-On  
Laboratory Application**

## **Logan Science Journalism Program**

MBL  
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Candle House 200  
Woods Hole, Massachusetts  
02543-1015  
[www.MBL.edu/sjp](http://www.MBL.edu/sjp)  
Tel: (508) 289-7423  
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*The Logan Science  
Journalism Program at the  
MBL offers fellowships in  
a program designed  
to increase public  
understanding of biology,  
biomedicine, and  
environmental and  
polar research.*

## **Purpose**

The Logan Science Journalism Program at the MBL provides journalists with fellowships, enabling them to observe and participate in the scientific process by working closely with investigators carrying out research, and with graduate students learning the latest research methods. The interaction between journalists and scientists is a two-way street: The journalists gain a deeper familiarity with details of the science and the way scientists think and do their experiments, and conversely, the scientists learn the influences and constraints that shape the way science is reported to the public. Sharing the experience with journalists from other parts of the country (and the world) and other branches of the media is an additional program benefit.

## **The Biomedical Hands-On Lab**

*MBL, Woods Hole, MA – May 19 - 27, 2010*

An intensive course designed to introduce journalists to research techniques used throughout basic biomedical science. Topics covered include culturing cells, light and electron microscopy, gel electrophoresis, immunoblotting, immunofluorescence, and cloning and sequencing genes.

Selected Biomedical Hands-On Lab Fellows may spend a second week in Woods Hole visiting MBL laboratories and course lectures or up to seven additional weeks participating full-time in one of MBL's courses for graduate students and more advanced scientists. Course topics include neural systems & behavior, parasitology, embryology, microbial diversity, neurobiology, or physiology. (Shorter summer courses covering a variety of topics are also offered. Visit the MBL's website at [www.MBL.edu/education/courses/summer/](http://www.MBL.edu/education/courses/summer/) for all course descriptions.) Please indicate your interest in spending additional time in Woods Hole visiting laboratories or as part of a course in section "1" of this application.

*NOTE: MBL courses are intended for advanced graduate students and postdocs who are prepared to put in long days. Typical schedules begin at 8:30 AM and end late in the evening, six days a week. There are some lectures, but most time is spent in the laboratory. Fellows are encouraged to participate fully in all facets of these courses.*

## Eligibility

A limited number of fellowships are available in 2010. Applicants must be professional science journalists, editors, or producers with at least two years experience. Preference will be given to print or broadcast journalists with staff positions, although freelancers and online journalists will be considered. A basic knowledge of biological principles and methods is advantageous, but is not essential. Applications from minority group members and women are strongly encouraged.

## Program Staff

**Program Directors:** Dr. Robert Goldman, Chairman, Department of Cell and Molecular Biology, Northwestern University and Mr. Boyce Rensberger, Former Director, Knight Science Journalism Fellowships, Massachusetts Institute of Technology; **Directors of the Biomedical Hands-On Laboratory Course:** Dr. David Burgess, Boston College and Dr. Charles “Brad” Shuster, New Mexico State University; **Director of the Polar Hands-On Laboratory Course:** Dr. Christopher Neill, The MBL Ecosystems Center; **SJP Administrative Director:** Andrea Early, Director of Communications, MBL.

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The Logan Science Journalism Program at the MBL is sponsored by:

- George and Harmon Logan
  - American Society for Biochemistry and Molecular Biology
  - FASEB
  - Friends and Alumni of the Science Journalism Program
- Golden Family Foundation
- Howard Hughes Medical Institute
- Irving Weinstein Foundation, Inc.
  - National Science Foundation Office of Polar Programs

## Support

Financial support for all fellows includes the cost of the laboratory course, tuition, housing (for both unaccompanied fellows and those accompanied by their families), transportation to and from Woods Hole (for the fellow only), and library fees. **It is expected that fellows from other countries will pay their own travel expenses to the United States.**

## Non-U.S. Fellows

Fellows from outside the United States may be accepted into the program. However, English is the language of the program. Therefore, competence in conversational and written English is required.

## Families

Fellows participating only in the Biomedical Hands-On Lab course are discouraged from bringing their families to Woods Hole. Family activities and resources are limited in Woods Hole in late May/early June. Fellows who remain in Woods Hole for a longer period of time are welcome to bring their families.

## Application Process and Deadline

**One electronic copy of the application form and supplemental material must be submitted and received in Woods Hole no later than March 1, 2010.** The applications will be reviewed by the Logan Science Journalism Program Selection Committee, which is composed of MBL staff and senior members of the scientific and science journalism communities. Notification of selection will be made in April.

# APPLICATION

## Logan Science Journalism Program at the MBL

7 MBL Street, Woods Hole, MA 02543-1015  
PHONE: (508) 289-7423 FAX: (508) 289-7934

Applications must be received no later than March 1, 2010. Please type or print (legibly, in ink) your application.

1.  I am a new applicant  I am an SJP alumnus/ae (Year of fellowship \_\_\_\_\_ )

I am applying for the Biomedical Hands-On Lab (Woods Hole, Massachusetts)

In addition to this course, I am applying for:

(if checking more than one, please rank your preference, with #1 being your top choice):

a second week in Woods Hole visiting MBL laboratories and course lectures

a 3-week course assignment in Woods Hole  a 7-week course assignment in Woods Hole

2. Name \_\_\_\_\_ M/F \_\_\_\_\_

3. Present Position \_\_\_\_\_

4 Business Address \_\_\_\_\_

\_\_\_\_\_ Telephone \_\_\_\_\_

E-mail \_\_\_\_\_ FAX # \_\_\_\_\_

5. Home Address \_\_\_\_\_

\_\_\_\_\_ Telephone \_\_\_\_\_

Cell Phone: \_\_\_\_\_ FAX # \_\_\_\_\_

6. Education (name, location, major, year)

Secondary \_\_\_\_\_

Undergraduate \_\_\_\_\_

Graduate \_\_\_\_\_

7. Employment (beginning with present position)

Organization	Dates	Position	Immediate Supervisor
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_____	_____	_____	_____
_____	_____	_____	_____

8. Major Publications, Fellowships, or Awards (attach additional pages, if necessary)

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9. Residency: I would like to be in residence at the MBL for \_\_\_\_\_ weeks.

**PLEASE NOTE:** Long-term fellowships are awarded for no more than eight weeks and based on available funding. Journalists who take the laboratory course only will be in residence for no more than ten days.

10. I am a member of the following minority group:  African American  Hispanic  Native American  Asian

11. Supplemental Material (one electronic copy of each, including this form, collated by section A-E.)

A. Statement (not to exceed 1,000 words) describing your journalistic experience and professional goals, and explaining how this fellowship or laboratory course will benefit your career. *(To be provided by all applicants.)*

B. A list of science courses taken after high school and a brief description of any science laboratory experience you have had. *(To be provided by all applicants.)*

C. **Biomedical Hands-On Lab applicants who wish to extend their stay:** Your choice of at least two major course or research areas in which you would be most interested (*e.g.*, Embryology, Microbial Diversity, Biology of Parasitism, Neural Systems & Behavior, Neurobiology, or Physiology), and the reason for your choice—see the MBL's website for a complete list of summer courses and course descriptions.

D. Six electronic samples of your science writing or editing. At least half of the samples should have been published within the last two years. Do not send works-in-progress or other unpublished works or elaborate presentations such as complete books, newspapers, magazines, or scrapbooks. Broadcast samples should be 30 minutes or less. Editors or broadcast directors should include brief descriptions of their involvement with each story. *(To be provided by all applicants.)*

E. A brief statement describing your proficiency in English. *(To be provided by all applicants whose first language is not English.)*

F. Three confidential letters of recommendation, mailed or e-mailed by the evaluators directly to the Logan Science Journalism Program at the MBL (aearly@mbledu), no later than **March 1, 2010**. Where possible, one letter should be from a current or recent supervisor of your professional work. Please indicate below the names, affiliations, and telephone numbers of those who will be submitting letters on your behalf. *(To be provided by all applicants.)*

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I submit this information in connection with my application for a Logan Science Journalism Fellowship, with the understanding that the number and selection of fellows and their final acceptance to the program lie entirely within the discretion of the Logan Science Journalism Program Selection Committee and the Marine Biological Laboratory. I authorize the MBL to share this information with the Logan Science Journalism selection committee.

Signature \_\_\_\_\_ Date \_\_\_\_\_

The Marine Biological Laboratory does not discriminate on the basis of race, color, national or ethnic origin, religion, sex, sexual or affectional preference, or handicap, in admission to, access to, employment in, or treatment in, any of its programs or activities.

I learned about the Logan Science Journalism Program from: \_\_\_\_\_ Colleague or SJP Alum  
\_\_\_\_\_ Program e-mail  
\_\_\_\_\_ Advertisement (specify source ) \_\_\_\_\_  
\_\_\_\_\_ Other (please specify) \_\_\_\_\_