

Bowdoin College

2012 Biology, Biochemistry and Neuroscience Fellowship Application

Submission Deadline for HHMI, INBRE, PALLER: March 2, 2012 by 5 p.m.

PART A: APPLICANT/PROJECT INFORMATION

Name: _____
Last First M.I.

Class Year: _____

Email: _____

Student ID: _____

S.U. Box: _____

Cell Phone: _____

Project Title:

This project involves human or animal subjects and will have to be reviewed by Bowdoin's Research Oversight Committee (ROC). (See <http://www.bowdoin.edu/academic-affairs/research/research-oversight-committee/index.shtml>)

Yes
 No

Faculty Mentor: _____
Name Department

PART B: ELIGIBILITY INFORMATION

Please check the fellowships you wish to be considered for (check all that may apply). For complete descriptions of the below fellowships see <http://www.bowdoin.edu/biology/grants/index.shtml> and click on the applicable link.

The INBRE and / or HHMI Fellowships

Paller Research Fellowship - Support for research beginning in the summer of 2012 and continuing through the following academic year, normally culminating in Honors in Neuroscience.
Please note: Additional material is required, see Part F

Please check your preferred fellowship period:

8 Weeks 10 Weeks Other Specify _____

Applicants for Departmental fellowships in the Biological Sciences are also expected to apply for Institutional Fellowships. The deadline for Institutional Summer Fellowships is Tuesday, February 28, 2012 (noon). For more information on the Bowdoin College Institutional Summer Fellowships: <http://www.bowdoin.edu/student-fellowships/> for a complete listing and descriptions.

PART C: PROJECT DESCRIPTION

Please provide a complete project description using language understandable to a non-specialist. You are free to use the same proposal submitted for the Institutional Fellowships. Your description cannot exceed two, one-sided, single-spaced, type-written pages and should include:

- The disciplinary context and goal of your proposed project (i.e., what question(s), idea(s), or work(s) you will examine and why).
- The methodology you will employ to accomplish your goal.
- An explanation of how your proposed project draws upon previous coursework/experiences and how it will prepare you for your future plans.

Name: _____ Class Year: _____

PART D: PROJECT BUDGET and JUSTIFICATION

Every departmental fellowship offers a stipend. In addition, applicants may request up to \$1000. in project related expenses. If you wish to request support for project related expenses, please check with your faculty mentor. An itemized budget and justification will be submitted with the mentor letter.

PART E: ATTACHMENTS

- Your academic record printed from Bearings.

PART F: Additional material for PALLER

- Briefly, in less than one page, describe the future you see yourself pursuing, and how this neuroscience fellowship fits into those plans. Note: the guidelines for the institutional fellowships now include a statement similar to the (the relation of the fellowship to the major or later plans - so feel free to use some or all of the same material in this statement.
- Describe a problem or question that has arisen in the course of your classroom or laboratory work that has puzzled and interested you in such a way as to suggest further study. Include a concise description of the problem and the steps you would take to address the problem. This component of the Paller application consists of a short, but formal, research proposal. It should discuss a significant issue or problem in neuroscience that is a of particular interest to you. Your proposal must include a description of the issue or problem, a specific aspect of that problem that could be approached in a research project, and the experiments you would suggest be done to address the question. This should be written as a research proposal, including background, the question you are addressing and the hypothesis you are proposing to test, the experiments (including controls) needed to test the hypothesis, and the ways in which you would interpret the predicted experimental data. References and figures may be included. The proposal should be no more that 2-pages, single-spaced, with a minimum font of size of 11 (in a reasonable font such as Times). The proposals will be read and evaluated by the Neuroscience faculty, so you can assume a reasonably knowledgeable audience.

PART H: LETTER OF SUPPORT

A brief letter of support from your faculty mentor should be submitted separately to Julie Santorella.

SUBMITTING YOUR APPLICATION

Submit your application electronically, ideally as a single pdf file, to Julie Santorella {jsantore@bowdoin.edu} March 2, 2012, by 5 p.m.

Student signature * _____ Date _____