

# The Hope College-Howard Hughes Medical Institute Faculty Development Grants for Interdisciplinary Research

## Application Instructions and Form

Please return the proposal, application form, and brief (NSF 2-page format) curriculum vitae for all Principal Investigators to Dr. Christopher C. Barney, Hope College-HHMI Program Co-Director, Department of Biology, Hope College, Holland, MI, 49423 ([Barney@hope.edu](mailto:Barney@hope.edu)) by **January 25, 2008**.

General Instructions for Application for a Hope College-HHMI Interdisciplinary Research Grant

1. Each grant proposal should include as a cover page the first page of the application form (third page of this document).
2. Each grant proposal should include the completed budget page (fourth page of this document).
3. Each grant proposal should be no greater than **four** pages in length (12 point font, single spaced). Graphs and tables can be incorporated directly into the proposal or can be provided as appendices to the proposal. The first page of the proposal must contain the title of the proposed project and the name of the principal investigators.
4. A brief summary/abstract of the proposal must be provided directly after the title/PI names. This should be no longer than one-half page in length and does not count as part of the four-page limitation.
5. A maximum of **five** pages can be included in the appendix materials to the grant proposal, not counting the curriculum vitae.
6. A total of **two** hard copies and **one** electronic copy of the grant proposal must be provided. Each copy must contain (in order) the application cover sheet, the budget page, the proposal itself, appendix pages, and curriculum vitae. The electronic copy should be submitted to [Barney@hope.edu](mailto:Barney@hope.edu) as a single file.
7. For purposes of easy reference for reviewers please use page numbers on your proposal.

8. Applications should include a description of the proposed research (including the significance, objectives, methods, expected outcomes, and potential difficulties), how the research is innovative/original, and how the research will help establish a new interdisciplinary research team or provide bridge support for an established interdisciplinary research team.
9. Please note that your application should also include a description of how the research activities will be incorporated into one or more of your own courses, an investigative interdisciplinary case study, an interdisciplinary course, or an interdisciplinary minor at Hope College. **Preference will be given to proposals that have a strong plan for using the research collaboration as the basis for an interdisciplinary investigative case study or an interdisciplinary course.** You are encouraged to apply for separate funding from the Hope College-HHMI Program for the development of specific case studies or courses involving such activities. Interdisciplinary investigative case study and interdisciplinary course development proposals may be submitted at any time.
10. Please include in the research proposal your plan for seeking external funding to continue the research work.
11. Please note that the budget for each award is a total of \$10,000, which includes no more than \$7,000 in salary to be divided equally between the principal investigators. For two PIs, the \$7,000 in salary is equivalent to 5 weeks of full-time summer research on the project for each PI.

# **The Hope College-Howard Hughes Medical Institute Faculty Development Grants for Interdisciplinary Research**

**Principal Investigators (A minimum of two faculty members from separate departments. Eligible departments are Biology, Chemistry/Biochemistry, Computer Science, Engineering, Geological and Environmental Sciences, Mathematics, Nursing, Physics, and Psychology. Please contact the HHMI Program Director if a potential PI is from another department.). Please give names, academic ranks, and departments.**

**Title of Proposed Research**

**Projected time period for the study**

**Summer\_\_\_\_\_ and/or Academic Year\_\_\_\_\_**

**List Current or Pending Research Support (for this proposal and for other work)**

**List Current Undergraduate Research Students working with each PI**

**List Current Research Collaborators working with each PI and nature of collaboration**

**Budget**

**Total Budget is Limited to \$10,000**

**1. Faculty Stipends/FICA/MQFE**

**Name:**

**Amount:**

**Name:**

**Amount:**

**Name:**

**Amount:**

**2. Supplies/Equipment:**

**3. Travel:**

**4. Student assistants:**

**5. Other (please explain):**