



The American Physiological Society  
**Porter Physiology Development Program**

**Porter Physiology Fellowships for Minority Students**  
**Application Deadline: January 15**

The goal of the Porter Physiology Development Program is to encourage diversity among students pursuing full-time studies toward the Ph.D. (or D.Sc.) in the physiological sciences and to encourage their participation in the American Physiological Society.

The Porter Physiology Development Program provides 1-2 year full-time graduate fellowships in programs leading to the Ph.D. (or D.Sc.) in the physiological sciences. The program is open to underrepresented ethnic minority applicants who are citizens or permanent residents of the United States or its territories.

For more information on the program, visit:

[http://www.the-aps.org/education/minority\\_prog/stu\\_fellows/porter\\_phy/ov\\_pp.htm](http://www.the-aps.org/education/minority_prog/stu_fellows/porter_phy/ov_pp.htm) .

Application Deadline: January 15

Apply online at <http://www.the-aps.org/awardapps>

Fellowship period:  
September 1-August 31

The American Physiological Society, Education Office, 9650 Rockville Pike,  
Bethesda, MD 20814-3991; (301) 634-7132; fax (301) 634-7098; [education@the-aps.org](mailto:education@the-aps.org)

## **Guidelines for NEW Porter Fellowship Applications**

### **1) Applicant's Personal Information**

Contact information

Ethnicity/race

Citizenship

Month/Year began Graduate School

### **2) Applicant's Educational Background**

- a) Request **OFFICIAL** transcripts to be sent to APS Education Office from EACH institution attended, including your current institution. APS staff will upload them into your online application. Please check back to make sure we have received them. You will be able to see when each transcript is uploaded.
- b) Upload a copy of the acceptance letter to the graduate training program **ONLY** if coursework has not yet begun
- c) Upload a current CV or resume
- d) Upload a **COMPLETE** list of all the undergraduate institutions you have attended. Include the following for each institution:  
Name of college/institution, City/State, Year(s) attended, Degree received (if any)
- e) Upload a **COMPLETE** list of all graduate institutions you have attended. Include the following for each institution:  
Name of college/institution, City/State, Year(s) attended, Degree received (if any)

### **3) Applicant's Biographical Sketch (To be completed by APPLICANT)**

Upload a file containing the following information (be sure to address all 3 items):

- Brief biographical sketch (in addition to your CV)
- Previous opportunities and experiences in research
- Statement regarding your specific interest in studying the physiological sciences and career aspirations

### **4) Advisor/Program Director Contact Information**

Include Advisor's/Program Director's name and title, department, institution, telephone and email address

### **5a) Applicant's Proposed Training/Research Plan (To be completed by APPLICANT)**

This description should NOT be "cut and pasted" from a grant proposal. Rather, it should be written by the student applicant with only editorial assistance from the preceptor.

**LIMITATIONS:** The proposal is limited to 5 pages (not including references) using 1 inch margins and 12 pt font (Times New Roman, Times or Arial fonts are acceptable). The proposal should include the following sections: 1) Specific Aims & Hypothesis (no longer than 1 pg), 2) Background and Purpose, 3) Preliminary Data (if available, no more than 1 pg including figures and tables), 4) Research Design and Methods, 5) Expected Outcomes & Limitations (1/2 pg), 6) Significance of the study (1/2 pg)

**5b) Training Potential (1 pg).** The application must include statements addressing the planned value of the proposed fellowship experience and research training program, and how these relate to the applicant's needs in preparation for a career as an independent researcher.

**6) Advisor's/Program Director's Research Training Environment (To be completed by ADVISOR/PROGRAM DIRECTOR)**

The letter from the primary mentor should include a statement that addresses the following issues:

**Instruction in the Responsible Conduct of Research**

Applications must include (a) the sponsoring institution's plans for providing and (b) the candidate's plans for obtaining instruction in the responsible conduct of research, including the rationale, subject matter, appropriateness, format, frequency and duration of instruction. The amount and nature of faculty participation must be described. It is suggested that the following topics be covered: conflict of interest, data sharing, responsible authorship, policies for handling misconduct, policies regarding the use of human and animal subjects, and data management. Applications without plans for training in responsible conduct of research will be considered incomplete and may be returned without review. No award will be made if an application lacks this component.

**Human Subjects Research (if applicable)**

If the proposed research involves human subjects, the mentor must provide some verification that an IRB approval has been received (letter of approval) or is pending review. The adequacy of plans for attaining approval for the care and use of human subjects is assessed as part of the fellowship evaluation.

**Care and Use of Vertebrate Animals in Research (if applicable)**

If vertebrate animals are to be used in the project, the mentor must provide some verification that the institutes animal use and care committee (or similar) has reviewed and approved the use of animals (letter of approval) is that the review of the permit application is pending. The adequacy of plans for attaining approval the care and use of vertebrate animals is assessed as part of the fellowship evaluation.

**Upload the following documents:**

- a) Advisor's/Program Director's biographical sketch (NIH-style, **NOT CV**)
- b) Description of the environment for research and training of the fellow including:
  1. Physical facility
  2. Laboratory
  3. Technical support
  4. Number of previous and current trainees
- c) List of Applicant's Other Pending and Current Fellowship Awards/Other Support  
Include Source/Agency and Award Amount for each (if none, specify "none")
- d) Affirmation of Student-Written Proposal  
Upload a signed and dated statement certifying that the information provided in the application is accurate to the best of the advisor's knowledge and that the research plan was **written by the student applicant and approved by the advisor.**

**7) Recommendation Letters**

Request the uploading of **two CONFIDENTIAL letters of recommendation that provide an assessment of** your overall qualifications and potential. One letter **MUST** be from your research advisor/Program Director. Enter the persons' email address for system notification.

**If you have any questions regarding your application or its submission, please contact Ms. Brooke Bruthers, Minority Programs Coordinator, at [bbruthers@the-aps.org](mailto:bbruthers@the-aps.org) or 301-634-7226**