



American Physiological Society Undergraduate Summer Research Fellowship Application

General Information

The APS **Undergraduate Summer Research Fellowships** program will fund 12 fellowships during the summer of 2006. These fellowships are to support full-time undergraduate students to work in the laboratory of an established investigator. The intent of this program is to excite and encourage students to pursue a career as a basic research scientist. Faculty sponsors/advisors must be active members of the APS in good standing.

The intent of this program is to provide support for first- through third-year students. Undergraduate students who will be graduating in the spring of 2006 are **not** eligible to apply for these summer fellowships. Students must have an over-all GPA of ≥ 3.0 to apply (0-4.0 scale).

Selection of participants will be based upon academic merit, the perceived quality of the proposed experience and the availability of appropriate faculty mentors. Special consideration will be given to applicants whose socioeconomic background, access to educational opportunities, and other life experiences suggest that they would especially benefit from this type of program.

The award will consist of a \$3,000 stipend to the student (10 weeks support) and an unrestricted \$300 grant to the faculty sponsor/advisor. Student awardees will also be eligible for a travel grant (\$1,000 maximum) to allow them to present their research data at the following year's APS annual meeting (Experimental Biology 2007) or a 2006 APS fall Conference.

Late or incomplete applications will not be reviewed. All applications will be reviewed, evaluated, and ranked by the APS Career Opportunities in Physiology Committee. The top 12 will receive funding. All decisions are final.

Print out the following application form, complete the form (type or print clearly), and mail it to:

The American Physiological Society
Undergraduate Summer Research Fellowship Program
Education Office
9650 Rockville Pike
Bethesda, MD 20814-3991
(301) 634-7132 education@the-aps.org

**The application postmark deadline is
February 3, 2006.**

**2006 Undergraduate Summer Research Fellowship
Student's Permanent Address**

Name	
Address 1 (Permanent)	
Address 2 (Current)	
City	
State	
ZIP/Postal Code	
Country	
Area Code/Telephone	
Email Address	
Social Security Number	

**American Physiological Society
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UNDERGRADUATE STUDENT APPLICANT (To be completed by the student)

Please type or print clearly.

NAME (Last, First, Middle Initial)	
Ethnicity (check one):	<input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not-Hispanic or Latino
Racial category (if applicable, check one): for more information, see http://www.the-aps.org/education/applicationinfo.htm	<input type="checkbox"/> Black or African American <input type="checkbox"/> Native Hawaiian or other Pacific Islander <input type="checkbox"/> American Indian or Alaska native <input type="checkbox"/> Asian <input type="checkbox"/> Caucasian
Citizenship:	<input type="checkbox"/> US Citizen <input type="checkbox"/> Non-US Citizen (which country _____) <input type="checkbox"/> Permanent Resident (please supply copy of green card) <input type="checkbox"/> Resident of another country (please supply copy of visa)
Address	
Email address	
Phone	
College or University	
Undergraduate Major	
Year you entered college	
Year of anticipated graduation	
Over-all Grade Point Average (GPA)-to date on a 0-4.0 scale (Note: At time of submission student applicants must have a GPA ≥ 3.0)	
Science/Math GPA (on a 4.0 scale)	
List any college awards or honors	
Working title of research project	
Name of Faculty Sponsor	
Faculty Sponsor's Department	

(See questions on following page)

4. How does this work or project relate to your long-term career goals?

5. Have you applied for any other fellowships?

If so, how would you handle the situation if you received both fellowships?

ATTENTION: Student

Please print the following **three** pages.

Have your advisor complete and return them to you.

Submit the completed pages with your completed application.

FACULTY SPONSOR/ADVISOR (To be completed by the faculty sponsor)

Please type or print clearly.

NAME (Last, First, Middle Initial)	
APS Membership Number ¹	
Degree	
Institution	
Department	
Rank or title	
Years at this institution	
Mailing address	
Phone	()
Fax	()
Email	
Name of undergraduate student applicant	

Please answer each of the questions below; please type or print clearly. Answers may be provided on a separate sheet; if so, please retype the questions on the attached sheet.

1. Please describe your general areas of expertise and research activity.

¹ Membership numbers are printed on the APS membership card, or contact the APS membership office at members@the-aps.org or call (301) 634-7171.

2. Please list four recent publications that are representative of your current work and interests. (Please list full citation).

1.

2.

3.

4.

3. Please provide a general description of your research laboratory (i.e., facilities, personnel, number of other undergraduate/graduate students, collaboration of other faculty).

4. Please describe the project or experiments in which the student will be involved. To the extent possible, please delineate what you anticipate will be the student's responsibilities and activities contributing to the completion of this project. (If the student has already begun work on this project, also describe the activities and progress to date.) **Also, please describe how you personally plan to interact with the student.**

5. Please list the grant or resources that are available to support this work (indicate source and amount).

6. Do you anticipate that this project will be completed during the summer, or is it expected or required that the student will continue to work in your lab during the subsequent semester(s)?

7. One of the purposes of this program is to excite and encourage this student to pursue a career involving physiological research. Aside from the student actually doing research and assisting with the collection of experimental data, do you have any other activities planned over the summer that might enhance the professional development of this student?

8. Please describe what prior experience have you had with undergraduate and pre-doctoral students.

PLEASE NOTE:

The advisor/sponsor and one other faculty person must provide a letter of recommendation.

See “Other Items Required” below.

OTHER ITEMS REQUIRED

1. Undergraduate Transcript

The student applicant must enclose a complete undergraduate transcript. An “unofficial” copy of the transcript is acceptable. If not listed on the transcript, courses taken and grades for the 2005 fall semester should be written in by hand. **If the transcript is not in English, please provide an English translation of courses, grades, and grading system.**

Please note: If the application is submitted to APS before the fall semester is completed, it is understandable that the fall semester grades may not be available. Assuming that these grades will be posted prior to the February 3rd fellowship application deadline, this information should be forwarded to the APS so that it may be added to the application prior to the 3rd.

2. Student Applicant-Personal Statement

The student applicant must provide a one page, single-spaced, typed personal statement. This statement should describe:

- your background, achievements, interests and short-term goals.
- long-term career goals
- comments on why you are applying for this APS Summer Fellowship.
- statement concerning your choice for this particular faculty advisor

3. Two Letters of Recommendation

Two letters of recommendation from faculty are required. *One must be from the faculty sponsor/advisor.* These letters should be sealed and signed across the seal by the faculty member and enclosed in the application packet.

To the extent possible, these letters should rank this student in comparison to other students at similar levels. Both letters should speak directly to the issue of this student's potential to pursue a career in physiology as a basic research scientist. The letter from the faculty sponsor/advisor should describe the basis or factors that resulted in his/her inviting this student to work in your laboratory. **Letters should also comment specifically on the student's career aspirations and the stage of development of those aspirations.**

4. Fellowship Application Checklist

All items checked, completed, and/or enclosed.

The complete application packet should be mailed to:

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Education Office
9650 Rockville Pike
Bethesda, MD 20814-3991**

The application deadline is February 3, 2006.



**American Physiological Society
Undergraduate Summer Research Fellowship Application**

**APPLICATION FORM
CHECK LIST**

- Fellowship Application Form--all sections complete
- Student undergraduate transcript (**English translation required if in foreign language**)
- Student Personal Statement
- Letter of recommendation from faculty sponsor (sealed/signed))
- Additional letter of recommendation (sealed/signed)
- This checklist