

Fellowship Opportunities Available to Graduate Students

Below is a list of fellowships to which Optics students can apply. While Ph.D. students in Optics normally receive full fellowship support, it is in their interest to apply for external fellowships for several reasons. Firstly, external fellowships have great curricular value, and get you in contact with funding agencies or professional societies. Secondly, having an external fellowship increases your chances of joining the research group of your choice. Thirdly, once you have joined a research group, an external fellowship gives you and your advisor more freedom to pursue a project of your choice.

For more options, visit also <http://www.rochester.edu/college/fellowships/>

The National Science Foundation Graduate Research Fellowship Program (GRFP) The NSF Graduate Research Fellowship provides three years of support for graduate study leading to research-based master's or doctoral degrees and is intended for students who are at the early stages of their graduate study.

mission requirements of NASA. Research areas are in disciplines that lead to aeronautics and space careers. Applicants must be U.S. citizens.

<http://fellowships.hq.nasa.gov/gsrp/program/>

National Institutes of Health The NIH awarding institutes use three major instruments to provide funds to organizations outside the NIH to accomplish program goals--grants, cooperative agreements, and contracts. With grants and cooperative agreements, the applicant investigators are responsible for developing concepts, methods and approaches for their research projects. With contracts, the awarding institute is responsible for establishing plans, protocols, and detailed requirements.

<http://grants1.nih.gov/grants/index.cfm>

National Physical Sciences Consortium Fellowship National Physical Sciences Fellowships provide support for two or three years, or for a full six years, depending on the employer-sponsor. Eligibility requirements include U.S. citizenship, but prizes awarded with an emphasis on underrepresented minorities and women. **Deadline: November (check website).**

<http://www.npsc.org/>

The National GEM Consortium Fellowship Programs The GEM Fellowship programs are designed to offer opportunities for underrepresented minority students to obtain MS and PhD degrees in engineering and the natural and physical sciences **Deadline: November (check website)**

www.gemfellowship.org/

American Association of University Women Fellowships The AAUW Educational Foundation is one of the world's largest sources of funding exclusively for graduate women. Both U.S. and international fellowships are available. **Deadline: November (check website)**

www.aauw.org/

Semiconductor Research Corporation Graduate Fellowship Program and Master's Scholarship Program. The GRC Research fellowships are designed to allow a [GRC member company](#) to sponsor a fellowship for a student on a task funded under this program with funds designated from this program. The Research Fellowships are renewable for up to three years of doctoral study and provide full tuition and fees

Science, Mathematics, & Research for Transformation (NDEP) The National Defense Education Program sponsors a fellowship for graduate students pursuing a degree in Science, Technology, Engineering, and Mathematics (STEM) including a full scholarship and to be gainfully employed upon degree completion. Eligibility includes US citizenship.
<http://www.asee.org/fellowships/smart/>

Xerox Foundation: The sponsor awards scholarships to minority individuals enrolled as full-time under4 0 630.11.0 1 Tshi

demonstrate financial need; have a minimum grade point average of 3.25; be a woman; and be a citizen of the United States.