Office of Research and Sponsored Programs (ORSP)

External Fellowships, Scholarships and other Opportunities for Graduate Students
This pamphlet provides a list of external fellowship, scholarship, internship and other opportunities available to current and future graduate students at both the Master’s and Doctoral levels. Federal and non-federal opportunities are represented. The list is by no means inclusive of all opportunities, but, rather, points to some of the larger, well-funded federal and non-federal programs that are open to interested graduate students. We encourage you to explore additional opportunities using the useful directory of online search engines for graduate opportunities provided on the last page.

For each program, a brief description and URL is provided. Carefully read the program guidelines and eligibility requirements to determine the appropriateness of the opportunity and that you meet the program’s eligibility criteria (e.g., many federal programs require that the applicant be a U.S. citizen or permanent resident at the time of application). Where questions arise, we strongly encourage and advise that to contact the program directly.

Please note that many of these opportunities are posted on an annual, revolving basis by federal and non-federal agencies and sponsors. Although the deadline(s) for some of these opportunities may have passed, it is quite possible that a future announcement with be forthcoming. Thus, it is important that you call or write the program(s) in which you have an interest, as well as frequently check the program’s website for any updates.

We wish you the best of luck for success!

Sincerely,

The Office of Research Sponsored Programs (ORSP)
Montclair State University
I. FEDERAL FELLOWSHIPS and OTHER FEDERAL OPPORTUNITIES

National Science Foundation (NSF)

Graduate Research Fellowship Program:

The Graduate Research Fellowship provides three years of support for graduate study leading to research-based masters or doctoral degrees and is intended for students who are at the early stages of their graduate study.

Doctoral Dissertation Research Improvement Grants (DDRI):

Doctoral Dissertation Improvement Grant (BIO)

The National Science Foundation award grants to doctoral students in specified areas of study to improve the quality of dissertation research. These grants provide funds for items not normally available through the student's university.

National Institutes of Health (NIH)

Office of Intramural Training & Education

The NIH Intramural Research Program offers programs for high school and college students, recent college graduates, graduate students, professional students, and postdoctoral and clinical fellows.

Biomedical Research Training Program for Individuals from Underrepresented Groups (NHLBI)

The NHLBI established the Biomedical Research Training Program for Individuals from Underrepresented Groups (BRTPUG) to offer opportunities for underrepresented undergraduate, post-baccalaureate individuals, and graduate students to receive training in fundamental biomedical sciences and clinical research disciplines.

National Aeronautics and Space Administration (NASA)

Earth and Space Science Fellowship (NESSF)

The NASA Earth and Space Science Fellowship (NESSF) program supports graduate students in basic and applied research in Earth science and space science. Awards of $30,000 per year are made for up to three years. More information and application instructions can be found at http://solicitation.nasaprs.com/open by searching for NESSF.

Department of Energy (DOE)

Computational Science Graduate Fellowship (CSGF)

The Department of Energy Computational Science Graduate Fellowship (DOE CSGF) program provides outstanding benefits and opportunities to students pursuing doctoral degrees in fields of study that use high performance computing to solve complex science and engineering problems.

Office of Science Graduate Student Research (SCGSR) Program

The goal of the Office of Science Graduate Student Research (SCGSR) program is to prepare graduate students for science, technology, engineering, or mathematics (STEM) careers critically important to the DOE Office of Science mission, by providing graduate thesis research opportunities at DOE laboratories. The SCGSR program provides supplemental awards to outstanding U.S. graduate students to pursue part of their graduate thesis research at a DOE laboratory in areas that address scientific challenges central to the Office of Science mission.

National Energy Technology Laboratory: Research Fellowships

Through various national programs, NETL contributes to the training of scientists and engineers, helping to build a regional and national workforce with strong, math, science, and technical skills.

Environmental Protection Agency (EPA)

EPA National Center for Environmental Research (NCER) Fellowships for Graduate Environmental Study

Graduate Fellowships for masters and doctoral level students in environmental fields of study.

Department of Defense (DoD)

SMART-Science, Mathematics and Research for Transformation Defense Scholarship for Service Program

The Department of Defense (DoD) offers scholarships to undergraduate, master's, and doctoral students who have demonstrated ability and special aptitude for training and education in Science, Technology, Engineering & Mathematics (STEM) fields and offers them career opportunities to continue their research in civil service roles following graduation.

U.S. Department of State

Fulbright U.S. Student Program

The largest U.S. international exchange program offering opportunities for students, scholars, and professionals to undertake international graduate study, advanced research, university teaching, and teaching in elementary and secondary schools worldwide.
Fulbright Program for Non-U.S. Students

Educational exchanges that strengthen understanding and communication between the United States and over 140 countries.

The Los Alamos National Lab

Graduate Research Program

The Graduate Research Assistant (GRA) Program is a year-round educational program that provides students with relevant research experience while they are pursuing a graduate degree. In some cases, students can arrange to conduct masters or doctoral thesis research at the Laboratory. The majority of the appointments are in the technical and scientific disciplines.

Oak Ridge Institute for Science Education

Academic Fellowships and Scholarships, Research Experiences, Sabbaticals and Internships

The Oak Ridge Institute for Science and Education (ORISE) and Oak Ridge Associated Universities offer a wide variety of education and research opportunities for interested graduate students in computer science, mathematics, engineering and the physical sciences.

II. NON-FEDERAL FELLOWSHIPS and OTHER OPPORTUNITIES

Ford Foundation

Pre-Doctoral Fellowships

Predoctoral fellowships will be awarded in a national competition administered by the National Research Council (NRC) on behalf of the Ford Foundation. The awards will be made to individuals who, in the judgment of the review panels, have demonstrated superior academic achievement, are committed to a career in teaching and research at the college or university level, show promise of future achievement as scholars and teachers, and are well prepared to use diversity as a resource for enriching the education of all students. U.S. citizens or nationals only.

Dissertation Fellowships

Awards will be made for study in research-based Ph.D. or Sc.D. programs to include Earth Sciences, and Ecology and Environmental Sciences. Recipients must be committed to a career in teaching and research at the college or university level. US citizens or nationals only.

The Whitaker Foundation

Whitaker International Fellows and Scholars Program

The goal of the Whitaker International Fellows and Scholars Program is to assist in the development of professional leaders who are not only superb engineers and scientists, but who also will lead and serve the profession with an international outlook. We encourage young biomedical engineers who are keen for an international experience to take advantage of this program. U.S. citizens or permanent residents only.

The Paul and Daisy Soros Fellowship Program

Fellowships for New Americans

Provides opportunities for continuing generations of able and accomplished New Americans to achieve leadership in their chosen fields. A New American is an individual who (1) is a resident alien; i.e., holds a Green Card, or, (2) has been naturalized as a U.S. citizen, or (3) is the child of two parents who are both naturalized citizens.

American Association of University Women (AAUW)

Career Development Grants

Career Development Grants support women currently holding a bachelor's degree who are preparing for career advancement, career change, or to re-enter the work force. Special consideration is given to AAUW members, women of color, women pursuing their first advanced degree or credentials in nontraditional fields. U.S. citizens or permanent residents only.

International Fellowships

International Fellowships are awarded for full-time study or research to women who are not United States citizens or permanent residents. Both graduate and postgraduate study at accredited institutions are supported. Preference to women who reside in their home country at time of application.

American Fellowship

American Fellowships support women scholars completing doctoral dissertations, conducting postdoctoral research, or finishing research for publication. Recipients must be United States citizens or permanent resident

Association for Women in Science

Education and Professional Development Awards

The AWIS Educational and Professional Development Awards support travel for professional development, broadly defined. AWIS particularly wishes to encourage
early-career scientists. Individuals may request funding to attend a conference, to acquire specialized training, or to pursue professional development in other ways that take them from home.

**The Leopold Schepp Foundation**

**Scholarships for Graduate Education**

The Foundation grants approximately 200 individual awards each year to both full time undergraduate students enrolled in four year bachelor programs and to full time graduate students.

**The Sigma Xi: The Scientific Research Society**

**Grants-In-Aid Research Program**

The program awards grants of up to $1,000 to students from all areas of the sciences and engineering.

**Metropolitan Museum of Art**

**Fellowships**

The Metropolitan Museum of Art annually welcomes a group of graduate students, museum professionals, and senior scholars to undertake independent study and research related to the Museum's collections. Fellows become immersed in the life of the Museum through behind-the-scenes tours, weekly gatherings with members of the Museum staff, and tours of the collections and exhibitions.
### III. LISTS and/or SEARCHABLE DATABASES of FUNDING OPPORTUNITIES for GRADUATE STUDENTS:

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<td>National Academies Fellowships Office</td>
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<td>Scholarly Societies Project</td>
<td><a href="http://www.scholarly-societies.org/">http://www.scholarly-societies.org/</a> (Provides links to scholarly societies that may fund fellowships.)</td>
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