

# MONTCLAIR STATE UNIVERSITY

## Office of Sponsored Programs (OSP)

### External Fellowships, Scholarships and other Opportunities for Graduate Students



## Office of Sponsored Programs

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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 will 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 Sponsored Programs (OSP)  
Montclair State University

## **I. FEDERAL FELLOWSHIPS and OTHER FEDERAL OPPORTUNITIES**

### **Department of Defense (DoD)**

**National Defense Science and Engineering Graduate Fellowship Program (NDSEG):** <https://ndseg.sysplus.com/>

The NDSEG Fellowship Program is a competitive fellowship that is awarded to U.S. citizens, U.S. nationals, and U.S. dual citizens who intend to pursue a Doctoral degree aligned to the DoD services Broad Agency Announcements (BAAs) in research and development at a U.S. institution of their choice.

**Science, Mathematics, and Research for Transformation (SMART)**

**Scholarship-for-Service Program:** <https://www.smartscholarship.org/smart>

The SMART Scholarship-for-Service Program is a combined educational and workforce development opportunity for STEM students. SMART offers scholarships for undergraduate, masters, and doctoral students pursuing a STEM degree. Scholarship recipients receive full tuition, annual stipends, internships, and guaranteed employment with the Department of Defense after graduation.

### **Department of Energy (DOE)**

**Computational Science Graduate Fellowship (CSGF):** <https://www.krellinst.org/csgf/>

The DOE Computational Science Graduate Fellowship 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:**

<https://science.osti.gov/wdts/scgsr>

The goal of the Office of Science Graduate Student Research program is to prepare graduate students for STEM careers critically important to the Office of Science mission, by providing graduate thesis research opportunities at DOE laboratories.

**National Energy Technology Laboratory Internships:**

<https://netl.doe.gov/education/internships/gep>

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 Research Fellowships and Scholarships:**

<https://www.epa.gov/careers/research-fellowships-and-scholarships>

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

### **The Los Alamos National Lab**

**Graduate Research Assistant Program:** <https://www.lanl.gov/careers/career-options/student-internships/graduate/index.php>

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.

### **National Aeronautics and Space Administration (NASA)**

**Various Grants and Programs:** <https://science.nasa.gov/learn/learner-opportunities/#graduate>

Through various training programs and funding opportunities, NASA contributes to the training of graduate and doctoral students in STEM fields. Some of these programs occur only at NASA centers, but others support students or scientists at universities. Some are funded through NASA's Science Mission Directorate, but many are sponsored either by other directorates within NASA, the NASA Office of STEM Engagement, or non-NASA organizations.

### **National Institutes of Health (NIH)**

**Office of Intramural Training & Education:**

<https://www.training.nih.gov/research-training/>

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.

**NHLBI Biomedical Research Training Programs:**

<https://www.nhlbi.nih.gov/grants-and-training/training-and-career-development/graduate-and-doctoral-students>

Through various training programs and funding opportunities for training, the National Heart, Lung, and Blood Institute (NHLBI) contributes to the training of graduate and doctoral students in biomedical research.

## **National Science Foundation (NSF)**

### **Graduate Research Fellowship Program:**

<https://www.nsf.gov/funding/opportunities/grfp-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.

**Computer and Information Science and Engineering Graduate Fellowship (CSGrad4US):** <https://new.nsf.gov/cise/graduate-fellowships>

The CSGrad4US program helps bachelor's degree holders return to academia and pursue their research interests in computer and information science and engineering fields. The three-year fellowship includes a stipend and cost-of-education allowance.

## **Oak Ridge Institute for Science Education (ORISE)**

**Graduate Internships and Fellowships:** <https://orise.ornl.gov/internships-fellowships/graduates.html>

The Oak Ridge Institute for Science and Education 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.

## **Smithsonian Institution Office of Academic Appointments and Internships**

**Various Internships:** <https://internships.si.edu/opportunities>

The Office of Academic Appointments and Internships coordinates central management and administration for internships, fellowships, and research associates throughout the Smithsonian Institution's 21 museums, research centers, offices, and the zoo. Eligibility varies by program.

## **U.S. Department of State**

**Fulbright U.S. Student Program:** <https://us.fulbrightonline.org/about/fulbright-us-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 Foreign Student Program:**

<https://foreign.fulbrightonline.org/about/foreign-student-program>

The Fulbright Foreign Student Program enables graduate students, young professionals and artists from abroad to study and conduct research in the U.S. The Fulbright Foreign Student Program operates globally in more than 160 countries.

## **II. NON-FEDERAL FELLOWSHIPS and OTHER OPPORTUNITIES**

### **American Association of University Women (AAUW)**

#### **American Fellowship:**

<https://www.aauw.org/resources/programs/fellowships-grants/current-opportunities/american/>

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

#### **Career Development Grants:**

<https://www.aauw.org/resources/programs/fellowships-grants/current-opportunities/career-development/>

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:**

<https://www.aauw.org/resources/programs/fellowships-grants/current-opportunities/international/>

International Fellowships are awarded for full-time study or research to women who are not U.S. 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.

### **Armed Forces Communication and Electronics Association (AFCEA)**

**Shrader Graduate Scholarship:** <https://www.afcea.org/shrader-graduate-scholarship>

The Shrader Graduate Scholarship is established to encourage students who lack the financial means to be able to further their education in the fields that support the

mission of AFCEA Educational Foundation.

**STEM Teachers:** <https://www.afcea.org/stem-teacher-scholarships>

The AFCEA Educational Foundation is offering competitive-based scholarships to students actively pursuing a graduate degree or credential/licensure for the purpose of teaching science, technology, engineering or math (STEM) subjects at a U.S. school in grades K-12. The scholarships are made possible by generous contributions from ManTech and AFCEA International.

### **Ford Foundation**

**Dissertation Fellowships:**

[https://sites.nationalacademies.org/PGA/FordFellowships/PGA\\_047959](https://sites.nationalacademies.org/PGA/FordFellowships/PGA_047959)

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.

### **Graduate Fellowships for STEM Diversity**

**STEM Fellowships:** <https://stemfellowships.org/>

The STEM Fellowships program was founded to increase the number of American citizens with graduate degrees in STEM fields, emphasizing recruitment of a diverse applicant pool.

### **Metropolitan Museum of Art**

**Met Fellowship Program:** <https://www.metmuseum.org/about-the-met/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.

### **National Collegiate Athletic Association (NCAA)**

**NCAA Postgraduate Scholarship Program:**

<https://www.ncaa.org/sports/2013/11/21/ncaa-postgraduate-scholarship-program.aspx>

The NCAA awards \$10,000 up to 126 postgraduate scholarships annually. The scholarships are awarded to student-athletes who excel academically and athletically and who are at least in their final year of intercollegiate athletics competition.

### **The Paul and Daisy Soros Fellowship Program**

**Fellowships for New Americans:** <https://pdsoros.org/why-become-a-fellow/>

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.

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

**Grants in Aid of Research Program (GIAR):**

<https://www.sigmaksi.org/programs/grants-in-aid-of-research>

The Sigma Xi Grants in Aid of Research (GIAR) program has provided graduate students with valuable educational experiences. By encouraging close working relationships between students and mentors, the program promotes scientific excellence and achievement through hands-on learning. The program awards grants of up to \$1,000 to students from all areas of the sciences and engineering.

### **III.    LISTS and/or SEARCHABLE DATABASES of FUNDING OPPORTUNITIES for GRADUATE STUDENTS:**

<b>UC Berkeley Guide to Extramural Fellowships</b>	<a href="http://www.grad.berkeley.edu/financial/deadlines.shtml#extramural">http://www.grad.berkeley.edu/financial/deadlines.shtml#extramural</a>
<b>Cornell Fellowships Database</b>	<a href="http://www.gradschool.cornell.edu/fellowships/">http://www.gradschool.cornell.edu/fellowships/</a>
<b>UCLA Fellowships Database: GRAPES</b>	<a href="https://grad.ucla.edu/funding/">https://grad.ucla.edu/funding/</a>
<b>Penn State University-The Graduate School External Awards Database</b>	<a href="https://gradschool.psu.edu/funding/external-funding-opportunities">https://gradschool.psu.edu/funding/external-funding-opportunities</a>
<b>Institute of International Education</b>	<a href="https://www.iie.org/en/Programs">https://www.iie.org/en/Programs</a>
<b>Graduate/Undergraduate Curated Funding Opportunity List) – <i>For Montclair community only</i></b>	<a href="https://pivot.proquest.com/curated_opps/823">https://pivot.proquest.com/curated_opps/823</a>
<b>National Academies Fellowships Office</b>	<a href="http://sites.nationalacademies.org/pga/fellowships/">http://sites.nationalacademies.org/pga/fellowships/</a>
<b>AAUW Educational Foundation</b>	<a href="http://www.aauw.org/fga/fellowships_grants/index.cfm">http://www.aauw.org/fga/fellowships_grants/index.cfm</a>