

Predoctoral Funding Opportunities

Below are internal and external opportunities that graduate trainees and mentors can apply for. As you are getting started with the below opportunities, please keep the [Graduate College Office of Fellowships](#) in mind for writing help and workshops. They also have resources for [finding additional funding opportunities](#).

If you want to get started applying to these external opportunities, please reach out to preaward@arizona.edu with the award name and deadline so that they can assist you. Please note that for external awards, proposals need to go through Sponsored Projects, so your final documents to be submitted by the university is often due 3-4 business days before the grant due date.

If you have something you'd like to see added, please reach out [Loren Drake](#).

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External Opportunities -Trainee Initiated

American Association of University Women International Fellowships

Eligibility: International Fellowships are awarded to women not United States citizens or permanent residents for full-time study or research in the United States. Doctoral applicants must have applied by December to an accredited institution of study for the period of the fellowship year. They must indicate the name of the institution in the International Fellowship application.

Compensation: \$20,000

American Heart Association Founders Affiliate Predoctoral Fellowship

Eligibility: Postbaccalaureate, predoctoral M.D., Ph.D., D.O., D.V.M. (or equivalent) students seeking research training with a sponsor/mentor before starting a research career. The awardee must meet American Heart Association citizenship criteria throughout the award. All basic disciplines and epidemiological, community, and clinical investigations that bear on cardiovascular and stroke problems apply.

Compensation: \$27,144 for stipend, \$4,550 for health insurance, and \$2,000 in project support

Department of Energy Computational Science Graduate Fellowship

Eligibility: Students in their first or second year of graduate study in the physical, engineering, computer, mathematical, or life sciences are eligible to apply for the D.O.E. Computational Science Graduate Fellowship. Applicants must be either U.S. citizens or permanent resident aliens. Students must be enrolled at a department that either does not require that graduate students perform support activities (e.g., teaching, grading, etc.) to qualify for the doctoral degree or will waive such requirements, if they exist, for DOE CSGF fellows during the period of their fellowship. Support of this fellowship is limited to 4 years and must be renewed each year.

Compensation: \$31,200 and full tuition and required fees

Ford Foundation Predoctoral Fellowship for Minorities

Eligibility: Must be citizens or nationals of the United States who are enrolled in or planning to enroll in an eligible research-based program leading to a Ph.D. or Sc.D. degree at a U.S. educational institution. Individuals committed to a career in teaching and research at the college or university level. Positive factors include membership in one or more of the following groups whose underrepresentation in the American professoriate has been severe and longstanding, capacity to respond in pedagogically productive ways to the learning needs of students from diverse backgrounds, or sustained personal engagement with

communities that are underrepresented in the academy and an ability to bring this asset to learning, teaching, and scholarship at the college and university level.

Compensation: \$20,000 and \$2,000 in tuition

Hertz Foundation Graduate Fellowship Award

Eligibility: Eligible applicants for Hertz Fellowships must be students of the applied physical sciences who are citizens or permanent residents of the United States of America and who are willing to morally commit to making their skills available to the United States in time of national emergency (see website's Moral Commitment section). The only HILS field that qualifies is "Quantitative Biology and Bio-Engineering."

Stipend: Two options: \$31,000/ 9-month personal stipend renewable for five years, OR \$36,000/ 9-month personal stipend for two years and \$3,500/ year supplemental stipend* from Hertz to supplement another fellowship plus tuition

Howard Hughes Medical Institute Gilliam Fellowships for Advanced Study

Eligibility: Past participants in the HHMI Exceptional Research Opportunities Program (EXROP) must be graduating seniors or recent baccalaureate recipients (within two years) who have completed no more than one year of Ph.D. training. There is no citizenship requirement.

Stipend and Tuition: Fellowship year: \$46,500

NSF Graduate Research Fellowships

Eligibility: The 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 in the early stages of their graduate study. Applicants must be United States citizens or nationals or permanent resident aliens of the United States. Applicants are expected to adequately prepare to begin graduate study and research by the summer or fall of the application year. Applicants must have completed no more than twelve months of full-time graduate study or its equivalent by August 31st, prior to the program submission deadline. Medical sciences or research with disease-related goals, including work on the etiology, diagnosis, or treatment of physical or mental disease, abnormality, or malfunction in human beings or animals, animal models of such conditions, or the development or testing of drugs or other procedures for their treatment are **ineligible** for this award.

Stipend and Tuition: \$42,000 for new fellowships pending funds.

National Defense Science and Engineering Fellowship

Eligibility: The NDSEG Fellowship Program is open only to applicants who are citizens or nationals of the United States. Applications are encouraged from women, persons with

disabilities, and members of ethnic and racial minority groups that historically have been underrepresented in science and engineering fields. To be eligible, applicants must either be enrolled in their final year of undergraduate studies, or have completed no more than the equivalent of one year of academic full-time graduate study as a part-time or full-time student.

Stipend and Tuition: Tuition plus 12 month stipend (~ \$31,000)

National Research Service Awards (NRSA) for Individual Predoctoral Fellowships (F31) or for M.D./PhD and other Dual Degree Fellowships (F30)

Eligibility: The applicant must be at the dissertation research stage of their training and must show evidence of both high academic performance in the sciences and substantial interest in a research area of high priority to the participating Institutes. Participating Institutes may have different eligibility requirements for individuals applying for a Kirschstein-NRSA F31 award. Additional information and requirements specific to a particular Institute are at the F31 contact website (<https://grants.nih.gov/grants/guide/pa-files/pa-21-051.html>). By the time of award, the applicant must be a citizen or a non-citizen national of the United States or have been lawfully admitted for permanent residence. An applicant must have a baccalaureate degree and be currently enrolled in a Ph.D. or equivalent research degree program in the biomedical, behavioral, or clinical sciences at an accredited domestic or foreign institution.

Stipend and Tuition: Yes, N.I.H. predoctoral minimum and tuition

National Research Service Awards for Individual Predoctoral Fellowships (F31) to Promote Diversity in Health-Related Research

Eligibility: Encouraged applicants are individuals from racial and ethnic groups that have been shown by the National Science Foundation to be underrepresented in health-related sciences on a national basis, individuals with disabilities, who are defined as those with a physical or mental impairment that substantially limits one or more major life activities or individuals from disadvantaged backgrounds. By the time of award, the individual applicant must be a citizen or a non-citizen national of the United States or have been lawfully admitted for permanent residence. An applicant must have a baccalaureate degree and be currently enrolled in a Ph.D. or equivalent research degree program in the biomedical, behavioral, or clinical sciences at an accredited domestic or foreign institution.

Stipend and Tuition: N.I.H. predoctoral minimum and tuition

NIH Research Supplements to Promote Diversity in Health-Related Research (NIH Diversity Supplement)

- Funds are available for administrative supplements to recruit and support high school, undergraduate and graduate/clinical students, postdoctorates (including health professionals), and eligible investigators.

- Trainees should not have been on NIH grants from the laboratory prior to application so apply early if there is an agreement between you and the trainee for them to join before they would need to transition to an NIH account.
- Award period cannot extend past the date of the grants end i.e. you can't ask for 3 years of funding when only 2 years are left on the grant.
- Increases chances for getting [NIH DEIA award](#).

Non-Academic Research Internships for Graduate Students (INTERN) Supplemental Funding Opportunity

- This opportunity is open to PIs (and co-PIs) who are supporting graduate students through an active NSF award and will support them for an additional six months.
- The PI/co-PI of an active NSF award may request supplemental funding for one or more graduate students to gain knowledge, skills and experiences that will augment their preparation for a successful long-term career through an internship in a non-academic setting, including the following: For-profit industry laboratories or industry research and development groups, Start-up businesses, such as (but not limited to) those funded through the NSF's Small Business Innovation Research (SBIR) program and Small Business Technology Transfer (STTR) program, Government agencies (all levels) and National Laboratories, Museums, science centers, and other informal learning settings, Policy think-tanks, and Non-profit organizations.
- Additional link <https://new.nsf.gov/funding/opportunities/non-academic-research-internships-graduate>

Paul and Daisy Soros Fellowships for New Americans

Eligibility: 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 applicant must either have a bachelor's degree or be in her/his final year of undergraduate study. To be eligible, you must not be older than thirty years of age as of **NOVEMBER 1**. The Trustees strongly encourage applications from candidates who have not yet begun their graduate studies. Still, full consideration will be given to candidates in the first or second years of graduate studies in their current program.

Stipend and Tuition: \$20,000 and one-half the tuition cost of the U.S. graduate program attended by the Fellow (up to a maximum of \$16,000 per academic year)

Pharmaceutical Research and Manufacturers of America Foundation (PhRMA): Predoctoral Fellowships for Training in Pharmacology and Toxicology

Eligibility: The fellowship program of predoctoral support is designed to assist full-time, in-residence Ph.D. candidates in the fields of pharmacology or toxicology who are enrolled in

U.S.A. schools of medicine, pharmacy, dentistry, or veterinary medicine. The program supports full-time advanced students who will have completed the bulk of their pre-thesis requirements (at least two years of study) and are engaged in thesis research as Ph.D. Candidates by the time the award is activated. Students just starting in graduate school should not apply.

Stipend: \$30,000 a year for a maximum of 2 years

Workplace Equity for Persons with Disabilities in STEM and STEM Education

- Individuals with disabilities eligible for facilitation awards include principal investigators, other senior project personnel, and graduate, and undergraduate students.

External Opportunities – Mentor Initiated

While there are [excellent internal](#) and external resources to facilitate being the best possible mentor, advisor, and ally for these individuals, this email aims to offer additional funding mechanisms they are eligible for should they be a good fit for your laboratory and join your group. Examples of successful applications are available for you [here](#) (for reference only). We may also be able to direct you to other professors awarded training grants who can give you advice upon request.

NIH Research Supplements to Promote Diversity in Health-Related Research (NIH Diversity Supplement)

- Funds are available for administrative supplements to recruit and support high school, undergraduate and graduate/clinical students, postdoctorates (including health professionals), and eligible investigators.
- Trainees should not have been on NIH grants from the laboratory prior to application so apply early if there is an agreement between you and the trainee for them to join before they would need to transition to an NIH account.
- Award period cannot extend past the date of the grants end i.e. you can't ask for 3 years of funding when only 2 years are left on the grant.
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- The PI/co-PI of an active NSF award may request supplemental funding for one or more graduate students to gain knowledge, skills and experiences that will augment their preparation for a successful long-term career through an internship in a non-academic setting, including the following: For-profit industry laboratories or industry research and development groups, Start-up businesses, such as (but not limited to) those funded through the NSF's Small Business Innovation Research (SBIR) program and Small Business Technology Transfer (STTR) program, Government agencies (all levels) and National Laboratories, Museums, science centers, and other informal learning settings, Policy think-tanks, and Non-profit organizations.
- Additional link <https://new.nsf.gov/funding/opportunities/non-academic-research-internships-graduate>

Workplace Equity for Persons with Disabilities in STEM and STEM Education

- Individuals with disabilities eligible for facilitation awards include principal investigators, other senior project personnel, and graduate, and undergraduate students.

Internal Opportunities – Trainee Initiated

These are some of the opportunities available specifically to UArizona graduate students and can be found on the [UArizona Graduate College funding opportunity website](#).

1. **Graduate Access Fellowships** that provide up to \$8,000 fellowship for incoming domestic masters and doctoral graduate students.
2. **Richard Harvill Fellowships** that provide a \$12,000 fellowship plus full tuition for doctoral graduate students who have completed their bachelors in spring 2023 and been admitted to a graduate program for fall 2023.
3. **Peter W. Likins Graduate Fellowship** that provides a \$10,000 fellowship plus full tuition for a masters or doctoral student who has overcome challenges to achieve academic progress in graduate program.
4. **University Fellows Program** that provides a competitive financial package (\$32,000 plus full tuition and student health insurance), professional development programming, mentoring and community engagement opportunities to recruit top doctoral track graduate students.
5. **Graduate Tuition Scholarships** for cross discipline graduate student programs such as National Science Foundation Graduate Research Fellowships, and ARCS Foundation Scholars and training grants that support graduate students from more than 2 academic colleges.
6. **Dr. Maria Teresa Velez Diversity Leadership Scholarship** honors Dr. Velez and her lifelong commitment to promoting graduate student diversity and inclusion. The award is \$25,000, full tuition and student health insurance.

7. **Marshall Foundation Dissertation Fellowship and the Dr. Maria Teresa Velez – Marshall Dissertation Scholarship** provides 7 awards (generally \$10,846 plus full tuition and student health insurance) that support dissertations that show significant impact to the economy of the state of Arizona.
8. **Peace Corps Coverdell Fellows Program** supports community-based internships through .25 FTE graduate assistantships. Information on the program may be found at <https://grad.arizona.edu/peacecorps/>
9. **Bilinski Fellowships** support dissertating graduate students in select humanities and social science programs. The award provides a \$35,000 cash award, full tuition and student health insurance. Please refer to <https://grad.arizona.edu/funding/opportunities/russell-j-and-dorothy-s-bilinski-fellowships>
10. **Tech Launch Az Student Entrepreneurial Fellow:** UA Tech Launch Arizona and the Graduate College collaborate to provide U.S. citizen or Permanent Resident degree-seeking graduate students (main campus only) to gain practical startup company and technology commercialization experience. The selected Fellow will receive an hourly wage from Tech Launch and \$10,000 Graduate Tuition Scholarship from the UA Graduate College
<https://grad.arizona.edu/funding/opportunities/tech-launch-az-student-entrepreneurial-fellow>