Prestigious Graduate Fellowships

Department of Energy Computational Science Graduate Fellowship (CSGF)
www.krellinst.org/csgf

- **Disciplines:** Any Engineering/Science field using high-performance computing to solve problems.
  Math/Computer Science Track: For researching HPC-enabling technologies in applied mathematics, statistics or computer science. No focus on a specific STEM application is required.
- **Award:** 4-year fellowship with full tuition & fees and a $36,000 annual stipend; $5,000 academic allowance ($1,000/year on renewal); 12-week practicum at a DOE national lab; access to DOE supercomputers; and an annual program review for fellows, alumni, and DOE staff in Washington, DC
- **Citizenship:** US Citizen or Permanent Resident
- **Academic Profile:** Graduating senior entering a PhD program or in the first year of PhD program

*Due January*

American Society of Mechanical Engineers (ASME) Scholarships
https://www.asme.org/asme-programs/students-and-faculty/scholarships/graduate-scholarships

- **Disciplines:** mechanical engineering
- **Award:** A variety of scholarships from $3,000 - $10,000
- **Citizenship:** US or Canadian Citizens, Permanent Resident, current visa international students, some minority/underrepresented programs (different requirements for each award)
- **Academic Profile:** Graduate Students in either Master’s, PhD program, or both

*Due March*

Department of Energy National Nuclear Security Administration

Stewardship Science Graduate Fellowship (DOE NNSA SSGF)
https://www.krellinst.org/ssgf/how-apply

- **Disciplines:** high energy density physics, nuclear, materials under extreme conditions and hydrodynamics
- **Award:** $36,000 + renewal up to 4 years, 12 research practicum at DOE defense labs, conferences and publication opportunities.
- **Citizenship:** US Citizen, Permanent Resident
- **Academic Profile:** Graduate Student with < 2 full years complete

*Due April*
Prestigious Graduate Fellowships

Airport Cooperative Research Program - various grants, scholarships, and fellowships
https://acousticalsociety.org/
- **Disciplines:** transportation and disciplines related to improvement of aviation systems (policymakers, managers, operators, designers)
- **Award:** $12,000 stipend, publication and presentation of work at annual meeting
- **Citizenship:** US or Canadian Citizens, Permanent Resident, current visa international students, some minority/underrepresented programs
- **Academic Profile:** Graduate Students. Master and PhD students will be evaluated separately.
  
  *Due: May*

The Notre Dame Institute for Advanced Study Graduate Fellowship (NDIAS)
https://ndias.nd.edu/fellowships/
- **Disciplines:** All applied and theoretical. Theme 2019 “the nature of trust” applied to any discipline
- **Award:** Up to $90,000 subsidized housing, research funding, a faculty office, opportunities to engage in sustained dialogue with multi-discipline cohort
- **Citizenship:** US Citizen, Permanent Resident, International students
- **Academic Profile:** Any stage of graduate career. Must spend a year in residence.
  
  *Due: September*

The Hertz Foundation Graduate Fellowship
www.hertzfoundation.org
- **Disciplines:** Applied physical, biological, and engineering sciences
- **Award:** Up to 5 years, full tuition and a $34,000 yearly stipend (over 9 months), $5,000 annual stipend for Fellows with dependent children
- **Citizenship:** US Citizen or Permanent Resident
- **Academic Profile:** Graduating senior entering a PhD program or in the first year of PhD program
  
  *Due: October*
Prestigious Graduate Fellowships

The Facebook Fellowship Program
https://research.fb.com/programs/fellowship

- **Disciplines:** Applied statistics, AR/VR Photonics and Optics, Computational Social Science, Computer Graphics, Computer Vision, Compute Storage and Efficiency, Distributed Systems, Economics and Computation, Machine Learning, Natural Language Processing, Networking and Connectivity, Programming Languages, Security/Privacy, Spoken Language Processing and Audio Classification, UX/Ingram Well-being, Hardware and Software Infrastructure for Machine Learning.
- **Award:** Full Tuition & $37,000 grant
- **Citizenship:** US Citizen, Permanent Resident, International students, underrepresented and minority students
- **Academic Profile:** PhD Students, underrepresented and minority students

*Due: October*

Lawrence Fellowship (LLNL) or Graduate Scholar Program (LGSP):

Lawrence Livermore National Laboratory [https://fellowship.llnl.gov/](https://fellowship.llnl.gov/)

- **Disciplines:** all technical disciplines than can strengthen U.S. security, including computation, engineering, and physical and life sciences
- **Award:** 3 year fellowship w >$100, 000 stipend
- **Citizenship:** US or Canadian Citizens, Permanent Resident, International students,
- **Academic Profile:** Graduate Students in either Master’s, PhD program, or both

*Due October*

IBM PhD Fellowship Program


- **Disciplines:** Engineering, physical sciences, management, business, chemistry, computer science electrical engineering, physics, autonomic computing, nanotechnology, grid computing e-business on demand.
- **Award:** $35,000 + benefits and mentor in IBM facility, renewable
- **Citizenship:** US Citizen, International Students
- **Academic Profile:** Graduate Student working on Dissertation; Faculty must submit proposal on behalf of student;

*Due October*
Prestigious Graduate Fellowships

The Gilliam Fellowship for Advanced Study (HHMI)
https://www.hhmi.org/science-education/programs/gilliam-fellowships-advanced-study#Eligibility

- **Disciplines**: biomedical and life science disciplines including plant biology, evolutionary biology, biophysics, chemical biology, biomedical engineering, and computational biology
- **Award**: $50,000 per year/3 dissertation years distributed as follows: $33,000 stipend, $10,000 tuition and fees, $3,000 fellow education allowance, $4,000 diversity and inclusion allowance for adviser.
- **Citizenship**: US Citizen, Permanent Resident, undocumented individuals with temporary permission to say in the U.S.
- **Academic Profile**: Awarded to advisor-student pair; PhD thesis students ONLY (No MD/PhD or dual degree), Nominations to be made in year 2 or 3 of PhD program: must be from racial, ethnic, or underrepresented groups
- **Nomination due**: Mid October; Application due Early January

National Science Foundation Graduate Research Fellowship Program (NSF GRFP)
www.nsfgrfp.org

- **Disciplines**: Science and engineering fields supported by NSF (see website)
- **Award**: 3 years of support during a 5-year fellowship period, with a $34,000 annual stipend, opportunities for internships (GRIP), research abroad (GROW), and supercomputer access (XSEDE)
- **Citizenship**: US Citizen, US National, or Permanent Resident
- **Academic Profile**: Graduating senior entering a graduate program or current graduate student with less than 12 months of completed graduate study ***Current graduate students are limited to 1 application, submitted in either the first or second year
- **Due October to early November. (Deadline depends on discipline; see website.)

Paul & Daisy Soros Fellowship for New Americans
www.pdsoros.org

- **Disciplines**: All
- **Award**: 1 to 2 year fellowship, including a total stipend up to $50,000 and tuition up to $20,000/year
- **Citizenship**: Born in the US to parents born abroad as non-US citizens; Naturalized Citizen; Green Card holder; adopted from another country; DACA status (see website for more details)
- **Academic Profile**: Graduating senior entering a graduate program or first- or second-year graduate student aged ≤ 30
- **Due**: November
Prestigious Graduate Fellowships

National Physical Science Consortium
http://www.npsc.org/
- **Disciplines:** STEM, Astronomy, Chemistry, Computer Science, Geology, Materials, Math, Physics
- **Award:** $20,000 per year for up to 6 years + $6,000 for fees
- **Citizenship:** US Citizen, Permanent Resident
- **Academic Profile:** Graduate student that can work 1-2 summer paid internships

*Due: November*

GEM Fellowship
https://www.gemfellowship.org/students/gem-fellowship-program/
- **Disciplines:** STEM
- **Award:** $24,000 per year for up to 3 years + paid summer internships
- **Citizenship:** US Citizen, Permanent Resident
- **Academic Profile:** Graduate student that can work 1-2 summer paid internships, minority and underrepresented

*Due: November*

NASA: Space Technology Graduate Research Opportunities (STGRO/NSTRF)
https://nspires.nasaprs.com/external/solicitations/solicitations!init.do
- **Disciplines:** Many disciplines: launch propulsion systems, space power and energy storage, robotics, communications, human health and life support, instruments, modeling/sim/IT/Processing, materials, mechanical engineering, thermal management systems, and MORE
- **Award:** $36,000 + tuition and fees – up to 4 years (+faculty advisor allowance)
- **Citizenship:** US Citizen, nationals, Permanent Residents
- **Academic Profile:** Graduate Students; University must submit proposal on behalf of student; see guidelines for each stage of academic career.

*Due: November*
Prestigious Graduate Fellowships

American Association for University Women (AAUW)
www.aauw.org

- **Disciplines**: ALL
- **Award**: $18,000 or $20,000
- **Citizenship**: US Citizen or International
- **Academic Profile**: Graduate student

*Due: November*

National Defense Science & Engineering Graduate Fellowship (NDSEG)
http://ndseg.asee.org

- **Disciplines**: Fifteen disciplines in Engineering and Science (such as cognitive, computer, mathematical, or life sciences)
- **Award**: 3-year fellowship with full tuition & fees, $38,400 annual stipend; up to $1,200 annually for health insurance, plus opportunities for summer internships at DoD labs or test centers
- **Citizenship**: US Citizen or US National
- **Academic Profile**: Graduating senior entering a PhD program or in the first year of PhD program

*Due: December*

Science, Mathematics And Research for Transformation (SMART) Scholarship
https://smartscholarshipprod.service-now.com/smart?id=smart_index

- **Disciplines**: 21 STEM disciplines
- **Award**: Full tuition and stipend ($25,000 - $38,000 depending on degree); up to $1,200 for health insurance annually, Misc. Supplies Allowance of $1,000 each academic year, paid summer research internships at DoD labs, employment placement after graduation (one year of employment required for every year of funding)
- **Citizenship**: USA, Australia, Canada, New Zealand, or United Kingdom
- **Academic Profile**: Undergraduate or graduate student able to participate in summer internships at Department of Defense (DoD) laboratories and willing to accept post-graduate employment with the DoD as a civilian research scientist

*Due: December*
Fellowship Programs Overview

**Prestigious Graduate Fellowships**

**Ford Foundation Predoctoral Fellowship**
https://nationalacademies.org/ford
- **Disciplines:** Most (see website)
- **Award:** 3 years of support in a 5-year fellowship period, with a $24,000 annual stipend and expenses paid to at least one conference of Ford Fellows
- **Citizenship:** US Citizen, Permanent Resident, DACA status
- **Academic Profile:** Graduating senior or current research-based PhD or ScD student with ≥ three years of study remaining to degree

*Due: December*

**Acoustical Society of America- various grants, scholarships, and fellowships**
https://acousticalsociety.org/
- **Disciplines:** acoustics, architectural acoustics, sound, (see website)
- **Award:** A variety of awards ranging from $1,000 - $30,000
- **Citizenship:** US Citizen, Permanent Resident, DACA status, international students, some minority /underrepresented programs
- **Academic Profile:** Graduate Students

*Due: December*

**Los Alamos National Laboratory Graduate Research Assistance Program**
https://www.lanl.gov/careers/career-options/student-internships/graduate/index.php
- **Disciplines:** Many disciplines: Computational science, engineering, biological and physical sciences.
- **Award:** $56,000 - $66,000 stipend per year – multi-year available depending on academic status
- **Citizenship:** US Citizen, Permanent Resident, international students, minorities and underrepresented encouraged
- **Academic Profile:** Graduate Students;

*Due Dates Vary: see website*