

# Prestigious Graduate Fellowships

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## Department of Energy Computational Science Graduate Fellowship (CSGF)



[www.krellinst.org/csgf](http://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/ame-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

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## 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](http://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

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## The Facebook Fellowship Program

<https://research.fb.com/programs/fellowship>

facebook research

- 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/Instagram 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

**Due: October**

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

Lawrence Livermore National Laboratory <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

<https://www.research.ibm.com/university/awards/fellowships.html>

- 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**

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## 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 stay 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](http://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](http://www.pdsoros.org)

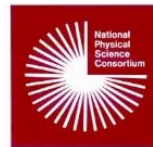


- Disciplines: All
- Award: 1 to 2 year fellowship, including a total stipend up to \$50,000 and tuition up to \$20,000/year
- Citizenship: Born in the US to parents born abroad as non-US citizens; Naturalized Citizen; Green Card holder; adopted from another country; DACA status (see website for more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

**Due: November**

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## 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

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## American Association for University Women (AAUW)



[www.aauw.org](http://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](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***

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## Ford Foundation Predoctoral Fellowship

<http://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  $\geq$  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**  
Delivering science and technology to protect our nation and promote world stability

## 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***