Finding Funding Resources

Physics Research Scholars Retreat
September 17, 2020
Finding Funding Resources Overview

1. Finding Funding Resources for Postdoctoral Scholars
2. General Grantsmanship Advice
3. Other Recommended Resources
Finding Funding

https://research.fas.harvard.edu/postdoc_opportunities

- Postdoctoral Scholars curated lists
- Funding dissemination
- Funding newsletters
- Using funding search tools
- Automated funding alerts
## Funding Opportunities for Postdoctoral Scholars

Below is a listing of notable funding opportunities available to postdoctoral scholars. If you are aware of an internal or external opportunity for postdocs but do not see it posted here, please email research.development@fas.harvard.edu.

- **External Opportunities**
- **Harvard Internal Opportunities**

<table>
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<th>Sponsor</th>
<th>Eligibility</th>
<th>Deadline Month</th>
<th>Description</th>
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<tr>
<td><strong>Alexander von Humboldt Research Fellowships for Postdoctoral Researchers</strong></td>
<td>Must have completed doctoral degree within the past 4 years; scientists and scholars of all nationalities and disciplines may apply</td>
<td>Rolling</td>
<td>A Humboldt Research Fellowship for postdoctoral researchers allows long-term research (6-24 months) in Germany. Applicants choose their own topic of research and their academic host. In recent years, between 25% and 30% of all applications have been successful.</td>
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<tr>
<td><strong>American Academy of Arts and Sciences: Visiting Scholars</strong></td>
<td>U.S. citizenship or permanent residency required; must have received doctoral degree no more than 4 years before the application deadline date</td>
<td>October</td>
<td>The Academy’s Visiting Scholars Program provides residential fellowships to postdoctoral scholars in the humanities and social sciences. Housed at the headquarters of the Academy in Cambridge, Massachusetts, Visiting Scholars participate in Academy-sponsored conferences, seminars, and informal gatherings while advancing their scholarly research. The annual stipend is $60,000, plus health insurance.</td>
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Science Division Website Funding Spotlight

science.fas.harvard.edu/pages/funding-spotlight

Funding Spotlight

Funding Spotlight RSS - Subscribe for funding opportunity updates!

Questions about any of the funding opportunities listed below can be addressed to Erin Hale or Susan Gomes on 617-496-9848.

Internal Harvard Opportunities

- Blavatnik Biomedical Accelerator
- Climate Change Solutions Fund
- Fund for Research on the Foundations of Human Behavior

Limited Submission Opportunities

- Simons Investigators in Mathematics, Physics, Astrophysics and Theoretical Computer Science
- Sloan Research Fellowships
- NSF Neurosciences Development for Advancing the Careers of a Diverse Research Workforce (RO5 Clinical Trial Not Allowed)
- NSF Major Research Instrumentation Program (MRI)
- Camille Dreyfus Teacher-Scholar Awards Program

Camille Dreyfus Teacher-Scholar Awards Program

Harvard Pre-Proposal Deadline: November 23, 2020
FAS/SEAS/IGP Deadline (if nominated): January 28, 2021
Sponsor Deadline (if nominated): February 4, 2021
Award Amount: $100,000 over five years

Eligible Applicants: Applicants must hold a full-time, tenure-track academic appointment, and are normally expected to have been appointed no earlier than mid-year 2015.

The Camille Dreyfus Teacher-Scholar Awards Program provides discretionary funding to support the research and teaching careers of talented young faculty in the chemical sciences. The Foundation seeks Camille Dreyfus Teacher-Scholars who demonstrate leadership in research and education. Applicants should describe their dedication and contributions to education in the chemical sciences, particularly with respect to undergraduates.

This is a limited submission opportunity and only one nomination may be put forward from Harvard University.
The Office of the Vice Provost for Research is facilitating the internal application process. To be considered for the Harvard nomination, potential applicants must submit an internal pre-proposal via the link above.
Limited Submission Opportunities

research.fas.harvard.edu/limited-submission-opportunities

- Limited submission opportunities (LSOs) are funding opportunities where the sponsor has placed a limit on the number of applications that may be submitted from an institution.
- Researchers may not apply directly for LSOs without institutional endorsement.
- All announcements of LSO competitions will be disseminated by FAS Research Development to FAS department chairs and select administrators.
- Questions regarding LSO competitions may be directed to Erin Hale (erin_hale@fas.harvard.edu) or Susan Gomes (sgomes@fas.harvard.edu).
Funding Announcements
research.fas.harvard.edu/funding-spotlight

FAS Research Administration Services

Contact Information

Erin Hale  
Senior Research Development Officer  
Funding opportunity identification and dissemination; proposal development support; limited submission opportunities; Dean's Competitive Fund  
erin_hale@fas.harvard.edu  
p: (617) 495-5252

Susan Gomes  
Director of Research Development and Strategy  
Strategy and operations lead for FAS research development team including finding funding, large scale proposal development, grantsmanship advice, proposal development resources.

Funding Announcements

The following resources provide information on current funding opportunities. Please contact FAS Research Development if you have questions about any funding opportunities or if you would like support developing your proposal. Sign up for any of our listservs here.

Science Division Funding Spotlight
The Funding Spotlight contains information on current, notable opportunities for faculty in the sciences and engineering. Faculty and administrators may sign up for the Funding Spotlight RSS feed in order to receive these funding announcements.

Arts, Humanities, and Humanistic Social Sciences Opportunities
This page contains an archive of monthly funding opportunity announcements disseminated by FAS Research Development relating to the Arts and Humanities.

Social Sciences Opportunities
This page contains an archive of monthly funding opportunity announcements disseminated by FAS Research Development relating to the Social Sciences.

Engineering and Applied Sciences Opportunities
This page contains an archive of monthly funding opportunity announcements disseminated by FAS Research Development relating to the Engineering and Applied Sciences.
Funding Newsletter: Engineering & Applied Sciences

August 2020

A Note from the Research Development Team
Due to the COVID-19 pandemic, our team will be working remotely. We are available to provide assistance via email, phone, or Zoom conferencing. Please also refer to our FAS Research Development website and the OIEP website for information on submitting proposals and managing your awards.

For assistance, please contact:
Eric Hafe, Senior Research Development Officer
eric.hafe@fas.harvard.edu | 617-495-5322
Jennifer Conry, Research Development Officer
jconry@fas.harvard.edu | 617-495-1989

News, Announcements, and Special Features
As part of the University’s plan for a safe re-opening, a limited number of researchers and lab personnel will be authorized to return to campus. Those on campus that individuals returning to campus must take prior to entering Harvard facilities in order to enable the safety of those returning and on-campus staff. We also encourage you to visit the division of science and SEAS Coronavirus FAQs website.

The FAS Research Development team has compiled the following resources for those seeking funding for COVID-19 research:
- For an aggregated list of COVID-19 research funding opportunities, visit the SPIN website while on a Harvard network and click on Search in the menu bar and then click on COVID-19 Coronavirus Funding Opportunities in the drop down menu. This list is updated daily and can be exported to Excel.
- Harvard Link: Alternatively, you may add the key word COVID to your Harvard Link account to receive updated COVID-19 funding recommendations.
- Other Funding Search Databases Available to Harvard Affiliates: All Harvard affiliates have access to the funding databases Pivot, SPIN and PDR here.

Foundation Opportunities
- Smyth Family Award for Excellence in Biomedical Research
- Automotive Woman’s Fund: Career Award at the Scientific Interface (CAISI)
- Simons Investigator in Mathematics: Physics Astrophysics and Theoretical Computer Science
- Ford Foundation Sloan Foundation, Open Society Foundation, and Mozilla 2020 Global Infrastructure Research (GIR)
- Arnold O. Beckman Postdoctoral Fellowship
- Sloan Research Fellowship
- Simons Foundation Targeted Grants to Institutions
- Alfred P. Sloan Research Fellowships 2020-2021
- Sloan Foundation Fellowship for Research: Support for Advanced Scientific Research
- Sloan Foundation Fellowships in Mathematics
- Sloan Foundation Fellowships in Theoretical Physics
- Sloan Foundation Collaborations in Mathematics and the Physical Sciences
- United States - Israel Biological Science Foundation Research Grant
- The Franklin Institute Bower Award & Prize for Achievement in Science

Internal Opportunities
- Brainstorm Biomedical Accelerator
- Radcliffe Institute for Advanced Study: Fellowships Program
- Radcliffe Institute for Advanced Study: Fellowship Seminars
- Climate Change Solutions Fund
- Harvard Data Science Initiative Faculty Special Projects Fund
- Harvard Social Science Research Program: Residency Program and Harvard Faculty Research Grants

Industry/Corporate Opportunities
- Merck 2020 Research Grants
- Sony Research Award Program
- Microsoft for Earth Grants
- Facebook Fellowship Program
- NationalAdvanced Technology Group (ATG) Faculty Fellowship Program
- Amazon Machine Learning Research Awards

U.S. Department of Defense (DOD)
- Awards for Fundamental Research in Socio-Mathematics of Information and Influence
- DTRA Infection Defeat (ID) - Thermal Environments using Material Physics (TEMP)
- DODO Polyurethane Formulat ReOpportunity Notice - Modeling and Prediction of Complex (OPPORTUNITY 20-03)
- OAS DOD/2020/01000000103 - FY2021 Weather Safety Faculty Fellowship Program (WSFP)
- DTRA Secured and Performance Enhancement of Long Leopov Software\ (SPEL)

Sloan Research Fellowships
FAS/SEAS/DSP Deadline: September 8, 2020
Sponsor Deadline: September 15, 2020
Award Amount: $75,000 for two years
Eligible Applicants: Candidates must be tenure-track, though untenured, as of September 15, 2020. Candidates must hold a Ph.D. or equivalent degree in chemistry, computer science, economics, mathematics, molecular biology, neuroscience, ocean sciences, physics, or a related field.

The Sloan Research Fellowship Program recognizes and rewards outstanding early-career faculty who have the potential to revolutionize their fields of study. These two-year fellowships are awarded yearly to 128 researchers in recognition of distinguished performance and a unique potential to make substantial contributions to their field. Successful candidates for a Fellowship generally have a strong record of significant independent research accomplishments that demonstrate creativity and the potential to become future leaders in the scientific community. Nominated candidates are normally several years past the completion of their Ph.D. in order to accumulate a competitive record of independent, significant research. Fellowship funds may be used by the fellow for any expense judged supportive of the fellow’s research including staffing, travel, lab expenses, equipment, or summer salary support. Fellowship funds may not be used for indirect costs.

In order to be considered for a Sloan Research Fellowship, a candidate must have a letter of nomination from a department head or another senior researcher officially nominating the candidate and describing his or her qualifications, initiative, and research. No more than three candidates may be nominated from any one department.

Recent recipients include Emily Breza (Economics, 2020), Gabriel Chodorow-Reich (Economics, 2020), Nicholas Bellomo (MCB, 2019), Christina Woo (CCB, 2019), Finale Doshi-Velez (SEAS, 2018), Yaron Singer (SEAS, 2018), Stefanie Stanichova (Economics, 2018), Tristan Collins (Math, 2018), Samuel Gershman (Psychology, 2018), Amanda Pallais (Economics, 2017), Demba Ba (SEAS, 2016), Melissa Dill (Economics, 2016), Nathaniel Hendren (Economics, 2016), Shmuel Rubinstein (SEAS, 2016), Ariel Amir (SEAS, 2015), and Kang-Kuen Ni (CCB, 2015).
Pivot is a key-word-searchable database for finding funding opportunities specifically tailored to your research needs. It includes information on federal, private, and international funding options. With your Pivot account, you can:

- Sign up to receive customized funding alerts
- Save and return to previous funding searches
- Track individual funding opportunities
- Claim your profile, which will allow the system’s proprietary matching algorithm to suggest funding opportunities and potential collaborators to you
Foundation Directory Online (FDO)
research.fas.harvard.edu/funding-databases

FDO is a database containing information on private and corporate foundations and government grantmakers that fund national and international projects. The database provides information on each foundation’s application process, recently awarded grants and their recipients, the number and dollar amount of grants made each year, geographic focus, specified areas of interest, contact information, and more.
Harvard Link

link.harvard.edu

Research funding sources recommended for you

Harvard College Office of Undergraduate Education Course Development Funds
Harvard College

Course Development Funds are meant for limited experiments or one-time investments that improve individual courses or whole concentrations.

Funding
varies

Contact
oue@fas.harvard.edu

Website
https://oue.fas.harvard.edu/f...

Faculty Curricular Innovation Award
Harvard College

The Mindich Program in Engaged Scholarship (MPES) aims to stimulate faculty innovations in teaching and learning through the development of applied and experiential learning experiences with people or in

Funding
varies

Deadline
2019-02-28

Contact
publicservice@fas.harvard.edu
APPLYING FOR FUNDING

Before you Apply

• Determine whether the opportunity is a good fit for your research
  - Review Agency/Foundation mission/strategic priorities
  - Review solicitation carefully
  - Review Abstracts of Funded Proposals
  - Contact the Program Officer

• Discuss the Opportunity with Your Advisor/Mentor

• Ask for a Sample Proposal

• Let your Grant Manager Know of Your Intent to Apply (5 day rule)
Sample Proposal Library
research.fas.harvard.edu/proposal-library

FAS Research Administration Services

Sample Proposals

FAS Research Development has collected samples of successful proposals from recent award recipients that are available to FAS and SEAS faculty and PIs by request. Those proposals marked with an asterisk (*) are available to postdoctoral scholars. If you are interested in obtaining a copy of one of these proposals, please contact us.

Requests for sample proposals must come directly from FAS faculty, postdocs and PIs.

If you are interested in an award that is not on the list below, please let us know and we will do our best to add to our library.

Available proposal narratives:

- American Council of Learned Societies (ACLS)
  - Fellowships
  - Digital Innovation Fellowships
  - Bunting and Peabody Fellowships
  - Burnham-Wellcome Career Award at the Scientific Interface
  - Caroline Deynoux Teacher-Scholar Award Program
  - Climate Change Solutions Fund
  - Co Teh Scholar Award
  - Dana Foundation-Program in Brain and Immuno-Imaging
  - Greens Competitive Fund for Promising Scholarship
  - Department of Defense
    - Air Force Office of Scientific Research (AFOSR)
    - Army Research Office
    - Defense Advanced Research Projects Agency (DARPA), Young Faculty Award
    - Defense Threat Reduction Agency
Proposal Submission Process

In most cases, proposals to external sponsors require institutional authorization. Proposals are therefore submitted through Harvard’s Office of Sponsored Programs (OSP) and are subject to institutional review.

Day 5
Proposal must be received by OSP at least five (5) full business days prior to the sponsor’s due date. The proposal components must be in final form with the exception of the narrative, which may be submitted in draft form subject to revision. If the applicant is unable to meet the 5-day deadline, an exception request must be submitted. The cognizant School or Divisional Dean will review exception requests.

Day 3
The final and complete proposal must be received by OSP at least three (3) full business days prior to the sponsor’s due date. The proposal will be considered submission-ready at this point. The applicant must provide the final narrative. If the final narrative is not ready, the applicant must complete an exception request. The cognizant School or Divisional Dean will review exception requests.

Sponsor Due Date
Proposals received by OSP on the same day as the sponsor’s due date will not be reviewed or submitted.
Other Resources

- UCLA GRAPES database: Searchable database for graduate and postdoctoral opportunities with over 250 postdoctoral listings. [https://grad.ucla.edu/funding/](https://grad.ucla.edu/funding/)
- NSF Funding Search Tool: [https://www.nsf.gov/funding/](https://www.nsf.gov/funding/)
- Pathways to Science: connects underrepresented students with STEM funding and research opportunities [https://www.pathwaystoscience.org/Programs.aspx](https://www.pathwaystoscience.org/Programs.aspx)
- Diversity Postdoc Fellowships and Opportunities: [https://www.minoritypostdoc.org/resources](https://www.minoritypostdoc.org/resources)
Engineering in situ sensors as instantaneous COVID-19 diagnostics
George Church, Robert Winthrop Professor of Genetics, Harvard Medical School

Air pollution, race, and health outcomes for COVID-19 in the United States: data access, methods, and dissemination
Francesca Dominici, Clarence James Gamble Professor of Biostatistics, Population and Data Science, Harvard T.H. Chan School of Public Health; Rachel Nethery, Assistant Professor of Biostatistics, Harvard T.H. Chan School of Public Health; Danielle Braun, Research Scientist, Department of Biostatistics, Harvard T.H. Chan School of Public Health; Antonella Zanobetti, Principal Research Scientist, Department of Environmental Health, Harvard T.H. Chan School of Public Health; Natesh Pillai, Professor of Statistics, Faculty of Arts and Sciences

A new method for detecting polar ice sheet instability in a warming world
Jerry X. Mitrovica, Frank B. Baird, Jr. Professor of Science, Faculty of Arts and Sciences

Volcanic CO2 vents: windows into the future of tropical forests
Benton Taylor, Assistant Professor of Organismic and Evolutionary Biology, Faculty of Arts and Sciences

Despair of a pandemic: using big data to understand the effects of COVID-19 on adolescents and their community
David Williams, Florence Sprague Norman and Laura Smart Norman Professor of Public Health, Department of Social and Behavioral Sciences Chair, Harvard T.H. Chan School of Public Health; Michelle Holmes, Associate Professor in the Department of Epidemiology, Harvard T.H. Chan School of Public Health, and Associate Professor of Medicine, Harvard Medical School; Todd G. Reid, Research Associate in the Department of Social and Behavioral Sciences, Harvard T.H. Chan School of Public Health, and Research Scientist, MIT Media Lab; Nicholas Carson, Assistant Professor of Psychiatry, Harvard Medical School

Electron super-highways for information processing
Suyang Xu, Assistant Professor of Chemistry and Chemical Biology, Faculty of Arts and Sciences

Imaging the cellular and molecular basis of brain aging
Xiaowei Zhuang, David B. Arnold, Jr. Professor of Science, Faculty of Arts and Sciences; William Allen, Junior Fellow, Harvard Society of Fellows
MCB
Department of Molecular
and Cellular Biology

1st Tuesday of the month
MCB/MCO Career Series
Tuesday, February 6, 2018, 3 pm

Writing a Grant That Will Get Funded

Josh Sanes
Paul J. Finsen Foundation Director,
Center for Brain Science, Harvard University
Jeff C. Torr Professor of Molecular and Cellular Biology

Presentation followed by discussion
Refreshments will be served

Questions? Please contact Polina Kehayou at kehayou@fas.harvard.edu
Research Development Contact Information

Website: research.fas.harvard.edu/research-development-support
E-mail: research_development@fas.harvard.edu

Resources:
- Early Career Awards
- Postdoc Curated List
- Funding Announcements
- Funding Opportunity Databases
- Internal and Federal Funding Resources
- Limited Submission Opportunities
- Sample Proposals Library
- Science Division Funding Spotlight
- Star-Friedman Challenge