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Faculty of Arts and Sciences

RESEARCH DEVELOPMENT SERVICES

Finding Funding Resources

Physics Research Scholars Retreat
May 10, 2022



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Finding Funding Resources Overview

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



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Finding Funding

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

- Postdoctoral Scholars curated lists
- Funding newsletters
- Using funding search tools
- Automated funding alerts

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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](#)

External Opportunities			
Sponsor	Eligibility	Deadline Month	Description
Alexander von Humboldt Research Fellowships for Postdoctoral Researchers	Must have completed doctoral degree within the past 4 years; scientists and scholars of all nationalities and disciplines may apply	Rolling	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.
American Academy of Arts and Sciences: Visiting Scholars	U.S. citizenship or permanent residency required; must have received doctoral degree no more than 4 years before the application deadline date	October	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.
American Association of University Professors: Postdoctoral Fellowships	U.S. citizenship or permanent residency required; must have received doctoral degree no more than 4 years before the application deadline date	November	The American Association of University Professors (AAUP) Postdoctoral Fellowship (\$20,000) is a national award for postdoctoral scholars in the humanities and social sciences. The fellowship is awarded annually to a small number of postdoctoral scholars who have demonstrated exceptional research potential and leadership skills. The fellowship is awarded to scholars who have completed a doctoral degree within the past four years and who are currently employed as postdoctoral fellows or research associates at a U.S. university or college. The fellowship is awarded to scholars who have demonstrated exceptional research potential and leadership skills. The fellowship is awarded to scholars who have demonstrated exceptional research potential and leadership skills.



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Science Division Website Funding Spotlight

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

FAS Division of Science

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RESOURCES

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 - Facilities and Resources - Sample Language for Describing Core Facilities
- Safety & Compliance
- FAS Research Core Facilities
- Administrators

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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 617-496-9448.

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](#)
- [NIH Neuroscience Development for Advancing the Careers of a Diverse Research Workforce \(R25 Clinical Trial Not Allowed\)](#)
- [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/OSP 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.**



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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).



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Funding Announcements

research.fas.harvard.edu/funding-spotlight

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CONTACTS

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) 496-5252

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,

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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



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Funding Newsletter: Engineering & Applied Sciences



Funding Newsletter

for the John A. Paulson School of 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 RAS website](#) and the [OSP website](#) for information about submitting proposals and managing your awards.

For assistance, please contact:

Erin Hale, Senior Research Development Officer
erin_hale@fas.harvard.edu | 617-496-5252

Jennifer Corby, Research Development Officer
jcorby@fas.harvard.edu | 617-495-1590

News, Announcements, and Special Features

As part of the University's plan for a safe reopening, a limited number of researchers and lab personnel will be authorized to return to campus. [These are the steps](#) that individuals returning to campus must take prior to entering Harvard facilities in order to enable the safety of those returning and essential on-site 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 FDO [here](#).

Foundation Opportunities

- [Smith Family Award for Excellence in Biomedical Research](#)
- [Burroughs Wellcome Fund: Career Award at the Scientific Interface \(CASI\)](#)
- [Simons Investigators in Mathematics, Physics, Astrophysics and Theoretical Computer Science](#)
- [Ford Foundation, Sloan Foundation, Open Society Foundations, and Mozilla: 2020 Digital Infrastructure Research RFP*](#)
- [Arnold O. Beckman Postdoctoral Fellowship](#)
- [Sloan Research Fellowships](#)
- [Simons Foundation Targeted Grants to Institutes*](#)
- [Banting Postdoctoral Fellowships 2020-2021](#)
- [Eppley Foundation for Research: Support for Advanced Scientific Research](#)
- [Simons Foundation Fellows in Mathematics*](#)
- [Simons Foundation Fellows in Theoretical Physics*](#)
- [Simons Foundation Collaborations in Mathematics and the Physical Sciences*](#)
- [United States - Israel Binational Science Foundation Research Grants*](#)
- [The Franklin Institute Bower Award & Prize for Achievement in Science](#)

Internal Opportunities

- [Blavatnik Biomedical Accelerator*](#)
- [Radcliffe Institute for Advanced Study: Fellowship Program](#)
- [Radcliffe Institute for Advanced Study: Exploratory Seminars](#)
- [Climate Change Solutions Fund*](#)
- [Harvard Data Science Initiative Faculty Special Projects Fund](#)
- [Harvard Solar Geoengineering Research Program: Residency Program and Harvard Faculty Research Grants](#)

Industry/Corporate Opportunities

- [Merck 2020 Research Grants](#)
- [Sony Research Award Program](#)
- [Microsoft AI for Earth Grants](#)
- [Facebook Fellowship Program*](#)
- [NetApp Advanced 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*](#)
- [DARPA Disruption Opportunity \(DO\): Thermal Engineering using Material Physics \(TEMP\)*](#)
- [DARPA Polyplexus Pilot Topic Opportunity Notice - Modeling and Prediction of Complex Dynamical Events \(Topic 23\)](#)
- [DoD FY2021 Vannevar Bush Faculty Fellowship Program \(VBFF\)](#)
- [DARPA Verified Security and Performance Enhancement of Large Legacy Software \(V-SPELLS\)*](#)
- [National Geospatial Intelligence Agency Boosting Innovative GEOINT Research Broad Agency Announcement \(NGA BIG-R BAA\) Topic #1: Modeling the Path to COVID-19 Resurgence*](#)

Sloan Research Fellowships

FAS/SEAS/OSP 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 126 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 other 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 Chodrow-Reich (Economics, 2020), Nicholas Bellono (MCB, 2019), Christina Woo (CCB, 2019), Finale Doshi-Velez (SEAS, 2018), Yaron Singer (SEAS, 2018), Stefanie Stantcheva (Economics, 2018), Tristan Collins (Math, 2018), Samuel Gershman (Psychology, 2018), Amanda Pallais (Economics, 2017), Demba Ba (SEAS, 2016), Melissa Dell (Economics, 2016), Nathaniel Hendren (Economics, 2016), Shmuel Rubinstein (SEAS, 2016), Ariel Amir (SEAS, 2015), and Kang-Kuen Ni (CCB, 2015).



Pivot

research.fas.harvard.edu/funding-databases
pivot.proquest.com

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



The screenshot shows the Pivot website interface. At the top, it features the Harvard Library logo and the text "Funding opportunities powered by pivot". Navigation links for "Announcements", "Log in", and "Sign up" are visible. A search bar is present with a "Search" button. Below the search bar, there are tabs for "Funding", "Profiles", and "Papers Invited". The main content area is titled "Funding Discovery" and includes a search bar with a "Search Pivot" button and a "View Tutorial" link. A sidebar on the left lists "Most Popular" (10), "Editor's Pick" (4), "Health Science Funding News" (4), and "Humanities and Social Science Funding News" (4). The main content area features a "Funding Discovery" section with a description and a "Browse by Keyword" section with a "Take a Tour" link. A large circular sunburst chart is displayed, showing a total of \$71.58B of funding available, with various colored segments representing different funding categories.



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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.

FOUNDATION DIRECTORY ONLINE Professional

HI HARVARD UNIVERSITY, HARVA... HELP CHAT

FIND FUNDING PATHWAYS RESOURCES

Win more grants and make a bigger difference.
Find the right funders now.

Describe what you are trying to fund: Close Advanced Search & Filters

Subject Area
What needs funding. Ex: Biodiversity, Education

Geographic Focus
Where funding will be used

Population Served
Who will be affected. Ex: At-risk youth, Veterans

Organization Name
Name of specific grantmaker or recipient

Location
Location of grantmaker or recipient

Who's Who
Someone serving in organization

Include U.S. Federal Funders Additional Filters

SEARCH

Looking for FDO hints and tips?

Check out the handy help videos for tips on how to master FDO in minutes. Get the insights you need to achieve your fundraising goals.

- Navigate search results like a pro to build your prospect list
- Discover opportunities through Recipient profiles
- Enhance your understanding of opportunities, through interactive charts
- Connect to prospects with FDO's LinkedIn integration

WATCH VIDEOS



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link.harvard.edu

link
 News
 Events
 Channels
 People
 Organizations
 Funding
 Syllabi
 Search
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Type

Harvard

External sources

Research funding sources recommended for you

<p>Harvard College Office of Undergraduate Education Course Development Funds</p> <p>Harvard College</p> <p>Course Development Funds are meant for limited experiments or one-time investments that improve individual courses or whole concentrations.</p>	<p> Funding varies</p> <p> Contact oue@fas.harvard.edu</p> <p> Website https://oue.fas.harvard.edu/f...</p>
<p>Faculty Curricular Innovation Award</p> <p>Harvard College</p> <p>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</p>	<p> Funding varies</p> <p> Deadline 2019-02-28</p> <p> Contact publicservice@fas.harvard.edu</p>



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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)



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Sample Proposal Library

research.fas.harvard.edu/proposal-library

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- [Sample Proposals](#)
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- [National Institutes of Health \(NIH\) Resources](#)
- [Broader Impacts](#)
- [Budget Preparation](#)
- [Review & Submission](#)
- [Award Setup](#)

CONTACTS

[Susan Gomes](#)
Director of Research Development and Strategy
 Strategy and operations lead for FAS research development team including

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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
- Banting Postdoctoral Fellowships*
- Burroughs Wellcome Career Award at the Scientific Interface*
- Camille Dreyfus Teacher-Scholar Award Program
- Climate Change Solutions Fund
- Cottrell Scholar Award
- Dana Foundation Program in Brain and Immuno-imaging
- Dean's 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



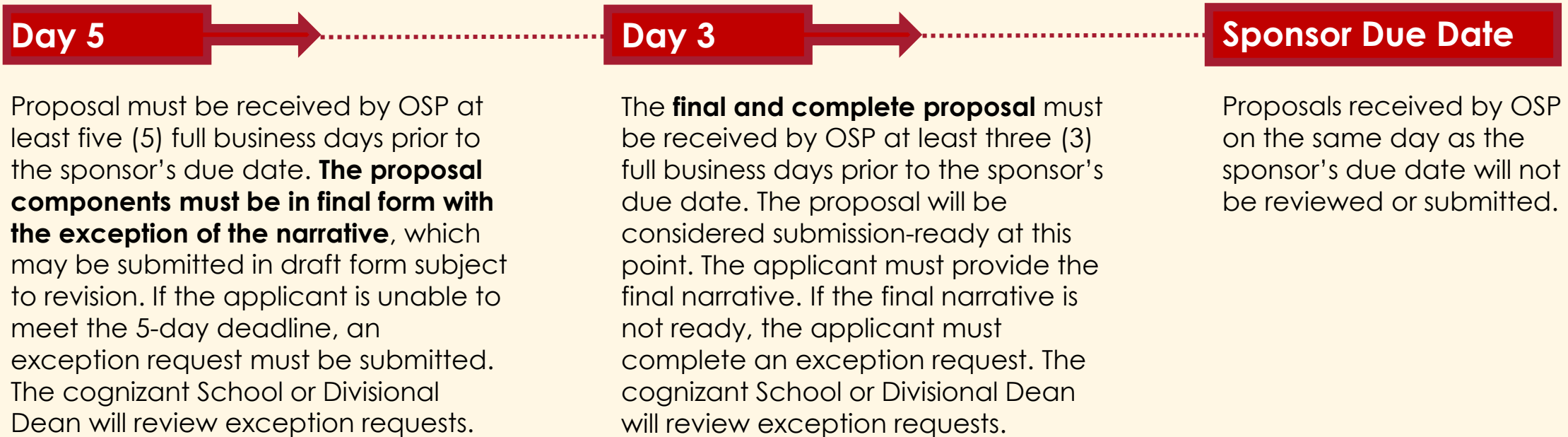
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Proposal Submission Process

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.





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Other Resources

- UCLA GRAPES database: Searchable database for graduate and postdoctoral opportunities with over 250 postdoctoral listings. <https://grad.ucla.edu/funding/#/>
- NSF Funding Search Tool: <https://www.nsf.gov/funding/>
- Pathways to Science: connects underrepresented students with STEM funding and research opportunities
<https://www.pathwaystoscience.org/Programs.aspx>
- Diversity Funding Opportunities:
<https://science.fas.harvard.edu/news/diversity-funding-opportunities>



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Research Development Contact Information

Website: research.fas.harvard.edu/research-development-support

E-mail: research_development@fas.harvard.edu

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