

# Find NSF Funding

NSF's Funding Search lets you search for funding by:

- Keyword
- Directorate and/or Division
- Broadening Participation Focus
- Education Level
- Submission Limits
- Award Type



Start looking for funding opportunities:

<https://beta.nsf.gov/funding/opportunities>



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# Directorate for Biological Sciences (BIO)

Research and researchers supported by BIO advance the frontiers of biological knowledge and provides a theoretical basis for prediction within complex, dynamic living systems through an integration of scientific disciplines.



[Learn more  
about BIO](#)



[Find BIO funding  
opportunities](#)



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# Division of Biological Infrastructure (DBI)

DBI invests in the innovation and capacity-building of cutting-edge research infrastructure for fundamental biological science that includes human capital, technologies, institutes and centers, and mid-to-large scale facilities.



[Learn more about DBI](#)



[Find DBI funding opportunities](#)



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# Division of Environmental Biology (DEB)

DEB supports research and training on evolutionary and ecological processes acting at the level of populations, species, communities, and ecosystems.



[Learn more  
about DEB](#)



[Find DEB funding  
opportunities](#)



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# Division of Integrative Organismal Systems (IOS)

IOS supports research aimed at improving our understanding of organisms as integrated units of biological organization.

Focus areas include behavioral systems, developmental systems, neural systems, physiological and structural systems, and plant genome research.



[Learn more about IOS](#)



[Find IOS funding opportunities](#)



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# Division of Molecular and Cellular Biosciences (MCB)

MCB supports fundamental research at the intersection of disciplines to uncover the emergent properties of complex living systems across the molecular, subcellular and cellular scale.

Focus areas include cellular dynamics, genetic mechanisms, molecular biophysics, and systems and synthetic biology.



[Learn more about MCB](#)



[Find MCB funding opportunities](#)



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# Get NSF News

Sign-up for emails on:

- New solicitations
- Events
- Upcoming due dates

You can also sign-up for newsletters sent by NSF Directorates including information on new priorities and solicitations, highlights from the community, and more!



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**NSF101 collaborates with program staff across the agency to provide clear, basic instructions to applicants who might be new to applying for NSF funding to improve accessibility and demystify the NSF experience.**



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# Be a Part of NSF

Learn about becoming an NSF Reviewer or Rotating Program Officer

## NSF Reviewers

Provide helpful advice on the merits of proposals and constructive comments to proposers.

Learn about:

- Peer review process
- Common problems with proposals
- Strategies to write strong proposals

Send an e-mail to the PO of the program(s) that fits your expertise

- Introduce yourself and identify your areas of expertise
- It is most helpful if you also attach a 2-page CV

## Rotator Programs

50% of NSF Program Directors are temporary program directors (rotators) from academia, national labs, etc.

- Influence new directions in the fields of science, engineering, and education
- Support cutting-edge interdisciplinary research and mentor junior research members
- Collaborate with others and increase your visibility
- Retain your ties to your current institution and return to it with new insights and experience for your team

<https://beta.nsf.gov/careers/rotator-programs>



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# Research on Emerging Infectious Diseases

NSF supports emerging infectious disease research through core programs across the agency .

Special solicitations are typically aimed at larger, more interdisciplinary, and integrative projects that go beyond the scope of what a single research program can accomplish.

NSF also emphasizes support for the training of the next generation of STEM workers.



[Learn more about NSF programs that support research on emerging infectious diseases](#)



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# Life on a Warming Planet

NSF supports disciplinary and interdisciplinary research, training, and enabling infrastructure across diverse scientific disciplines to study the complex responses of life on a warming planet.

This includes foundational studies of living systems' response to climate change and development of new data analytic and modeling tools, observing systems and other infrastructure.

Outcomes from this research informs approaches for the management of natural and human-managed ecosystems that provide food, fiber and clear water.



[Learn more about NSF programs that support research on life on a warming planet](#)



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# NSF Support Across Your Career

Academic career pathways aren't always simple and linear, but have on- and off-ramps, pivots, and different barriers for different people.

To ensure a diverse STEM workforce in academia and beyond, NSF supports **students** and **educators** at career transition points across diverse institution types.

Pre-K to 12	Research Assistantships for High School Students (RAHSS)	Research Experiences for Teachers Sites in the Biological Sciences (BIO-RETS)	
Undergrad	Research Experiences for Undergraduates Sites (REU Sites) and Supplemental Awards	Research Coordination Networks in Undergraduate Biology Education (RCN-UBE)	Research in Undergraduate Institutions (RUI) and Research Opportunity Awards (ROA)
Postbacc	Research and Mentoring for Postbaccalaureates (RaMP) in Biological Sciences		
Grad	Graduate Research Fellowship Program (GRFP)		
Postdoc	Postdoctoral Research Fellowships in Biology (PRFB)		
Early Career Faculty	Building Research Capacity of New Faculty in Biology (BRC-BIO)	Faculty Early Career Development Program (CAREER)	
Mid-Career Faculty	Mid-Career Advancement (MCA) Program	Transitions to Excellence in Molecular and Cellular Biosciences Research (Transitions)	

[Learn more at nsf.gov](https://www.nsf.gov)



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# Postdoctoral Research Fellowships in Biology (PRFB)

NSF/BIO supports postdoctoral research fellows in three areas:

1. Broadening Participation
2. Integrative Research Investigating the Rules of Life
3. Plant Genome Postdoctoral Research Fellowships

These fellowships help awardees establish themselves as independent researchers and begin a career in biological research.

Applicants must:

- Be U.S. citizens or permanent residents
- Enrolled as a graduate student or in a position requiring a PhD for no more than 15 months
- Select sponsoring scientists that offer an opportunity to significantly broaden the applicants research focus and training
- Present a research plan within the purview of NSF/BIO



Scan the QR code to learn more about the [PRFB Program](#) or contact program directors:

Area 1 or 2: [bio-dbi-prfb@nsf.gov](mailto:bio-dbi-prfb@nsf.gov)

Area 3: [dbipgr@nsf.gov](mailto:dbipgr@nsf.gov)



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# Building Research Capacity of New Faculty in Biology (BRC-BIO)

As part of NSF/BIO's efforts to broaden, strengthen, and diversify the STEM workforce, the BRC-BIO program supports pre-tenure faculty in the biological sciences at institutions that are not among the nation's most research intensive (including PUIs, some MSIs, and other institutions classified as R2, D/PU, or M1-3).

PIs must be at the Assistant Professor rank (or equivalent) with service for no more than 3 years by proposal submission date and have both research *and* educational responsibilities.



[Learn more about BRC-BIO](#)



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# NSF CAREER Program

NSF's Faculty Early Career Development Program (CAREER) supports early-career faculty who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization.



[Learn more about the CAREER Program](#)



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# Helpful NSF URLs

## [NSF Funding Search](#)

<https://beta.nsf.gov/funding/opportunities>

## [Directorate for Biological Sciences](#)

<https://www.nsf.gov/dir/index.jsp?org=BIO>

## [Broadening Participation in STEM](#)

<https://beta.nsf.gov/funding/initiatives/broadening-participation>

## [Graduate Research Fellowship Program \(GRFP\)](#)

<https://www.nsfgrfp.org/>

## [NSF News and Email Sign-Up](#)

<https://beta.nsf.gov/news>

<https://service.govdelivery.com/accounts/USNSF/subscribe/new>

## [Science Matters](#)

<https://beta.nsf.gov/science-matters>

## [NSF Rotator Programs](#)

<https://beta.nsf.gov/careers/rotator-programs>



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