Research Funding Announcement  
March 22, 2024

Visit the Princeton Research Funding Gateway to search by area of interest.

Selected Upcoming Funding Opportunities

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**Princeton Institute for International & Regional Studies, M.S. Chadha Center for Global India:**

- **Council of the Humanities: Belknap Visitors and Belknap Global Conversations**
  - Amount varies
  - Supports brief campus visits by distinguished individuals in the arts and letters
  - Nominations accepted any time; significant advance planning often required

- **Princeton Institute for International & Regional Studies, M.S. Chadha Center for Global India:**
  - **Proposal Due: 5/31/24**

- Funds research projects that substantially contribute to current priority areas: Inequality, Dissent & Power; Sustainability Transitions; and Artificial Intelligence for Social Good

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**University Center for Human Values & Program in Political Philosophy: Political Philosophy Graduate Travel and Research Grants**

- Up to $2K

- Supports grad students enrolled in Classics, History, Philosophy, Politics, or Religion who are working on topics in political philosophy

- Applications accepted any time

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**University Center for Human Values: Co-Sponsored Conferences and Workshops**

- Up to $10K, but typically $500-$2K

- Co-sponsors conferences and workshops on normative themes to be held on campus and open to participation by faculty and graduate students

- Requests accepted any time

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Cancer Research

**American Cancer Society: Institutional Research Grants**

Up to $360K

Block grant to an institution (or consortium), providing seed money for junior faculty to initiate cancer research projects so they can obtain preliminary results that enable them to be competitive for national research grants.

**Application**
- **Due:** Apr. 1
- **Annual deadlines:** Apr. 1 and Oct. 15

**Coastal Resilience**

**National Fish and Wildlife Foundation: 2024 National Coastal Resilience Fund (NCRF) Request for Proposals**

Average of $100K to $10M, depending on project type; non-federal match is encouraged.

Create and restore natural systems to enhance protection for communities from current and future coastal hazards, and improve habitats for fish and wildlife species.

**Application**
- **Mandatory Pre-Proposal Due:** Apr. 10 by 11:59 p.m.
- **Recorded Pre-Proposal Webinars available**
- **Invited Full Proposal Due:** Jul. 2 by 11:59 p.m.
- **Full Proposal Webinar:** Jun. 6, 3-4 p.m.

**Climate, Societal Change & Infectious Disease in Western Pacific**

**Global Institute for Disease Elimination (UAE): Falcon Awards for Disease Elimination - Western Pacific**

Up to $30K

Supports research focusing on accelerating disease elimination in the Western Pacific Region.

**Application**
- **Due:** Apr. 29

**Historical Humanities**

**Gerda Henkel Foundation: General Research Grants – Projects (Includes PhD & Postdoc Fellowships)**

Amount varies

Funds research fellowships for graduate students, postdocs, and faculty in the historical humanities.

**Application**
- **Due:** May 22 by 10:00 a.m. ET

**Neuroscience & Society**

**Dana Foundation: Neuroscience & Society – NextGen Program Pilot Projects**

Up to $150K

Strengthen neuroscience’s positive role in the world through development of the next generation of experts who responsibly apply neuroscience knowledge towards human flourishing.

**Application**
- **Mandatory Letter of Interest Due:** May 31

**Literary Translation**

**PEN America: PEN/Heim Translation Fund Grants**

$2K to $4K

Assists early-career translators to complete in-
### Challenges

**TED: The Audacious Project**

*Amount varies*

Convenes funders and social entrepreneurs with the goal of supporting big, bold solutions to the world’s most urgent challenges

Идеи Survey Submission

*Due: Apr. 15*

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**Spencer Foundation:**

**Racial Equity Special Research Grants**

*Up to $75K*

Funds education research projects that contribute to understanding and disrupting racial inequality in education at all levels

**Intent to Apply Form Due:** May 29 by 1:00 p.m.  
**Proposal Due:** Jun. 27 by 1:00 p.m.

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**Internet Freedom**

**Open Technology Fund:**

**Internet Freedom Fund**

*Usually $50K to $200K; can be up to $900K*

Funds technology-focused projects that promote human rights, Internet freedom, and open societies

Applications accepted any time

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**Science & Engineering**

**Department of Energy, Office of Science: 2025 Ernest Orlando Lawrence Award**

*$20K honorarium*

Honors mid-career U.S. scientists and engineers for exceptional scientific, technical, and engineering achievements that support the broad missions of DOE and its programs

**Nomination & 3-6 Letters of Support Due:** May 9 by 5:00 p.m.

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**Minority Health & Health Disparities**

**National Institutes of Health: Small Business Innovation Research (SBIR) Grants – Innovations for Healthy Living: Improving Minority Health and Eliminating Health Disparities**

*#RFA-MD-24-006*

Usually up to $306,872 for Phase I, but up to $500K for certain topics

Funds efforts by small, medium, and large businesses to conduct research and development activities related to advanced distribution transformers or power transformer designs

**Application Due:** Apr. 12 by 5:00 p.m.

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**Global Challenges & the Bioeconomy**

**National Science Foundation: Global Centers 2024 – Use-Inspired Research Addressing Global Challenges through the Bioeconomy #NSF 24-556**

*Up to $5M for U.S. portion*

Funds international, progress translations of works of fiction, creative nonfiction, poetry, or drama into English

**Application Due:** Jun. 1

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**Mathematical Sciences, AI & Formal Methods**

**National Science Foundation: Artificial Intelligence, Formal Methods, and Mathematical Reasoning #NSF 24-554**

*$50K to $1.2M*

Funds research at interface of AI, formal methods, and interactive theorem provers to guide and enhance research in mathematical sciences, formal methods, and AI

**Proposal Due:** Jun. 3 by 5:00 p.m.  
**Next proposal deadline:** Feb. 5, 2025

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**Advancing Transformer Technology**

**Department of Energy, Office of Electricity: Flexible Innovative Transformer Technologies #DE-FOA-0003071**

*Up to $75K*

Supports research, development, and demonstration activities related to advanced distribution transformers or power transformer designs

**Application Due:** Apr. 12 by 5:00 p.m.

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**Health in Rural Populations**

**National Institutes of Health: Strategies to Improve Health Outcomes and Advance Health Equity in Rural Populations**

*#RFA-MD-24-006*

Funds efforts by small businesses to conduct research and development activities related to advanced distribution transformers or power transformer designs

**Application Due:** Apr. 12 by 5:00 p.m.
Investigator Program
Research: Young Force Office of Scientific Department of Defense, Air Engineers
Early Career Scientists &

Requested Letter of Intent Due: Apr. 17 by 5:00 p.m. Application Due: May 17 by 5:00 p.m.

Interconnection of Clean Energy into the Power Grid
Department of Energy, Solar Energy Technologies & Wind Energy Technologies Offices: Solar and Wind Interconnection for Future Transmission (SWIFTR) #DE-FOA-0003246
Topic 1: $1M to $2M; Topic 2: $1M to $2.5M; non-federal cost share required

Develop new analytical tools and approaches that will accelerate the reliable interconnection of renewable energy into the electrical grid

Mandatory Concept Paper Due: Apr. 17 by 5:00 p.m. Application Due: Jun. 28 by 5:00 p.m.
A Teaming Partner List will be available

Early Career Scientists & Engineers
Department of Defense, Air Force Office of Scientific Research: Young Investigator Program #FOAAFRLAFOSR20240004
Up to $450K

Supports early career scientists who show exceptional ability and promise for conducting basic research related to the Air Force’s mission and objectives

Requested Letter of Intent Due: May 28 by 5:00 p.m. Proposal Due: Jun. 28 by

Cancer Interventions
National Institutes of Health: Toward Translation of Nanotechnology Cancer Interventions #PAR-22-071
Up to $1.9M in direct costs

Funds advanced pre-clinical research supporting translation of nanotechnology-based cancer diagnostics and therapeutics

Application Due: May 17 by 5:00 p.m. Additional Due Date: Nov. 17

Neuroscience
National Institutes of Health: BRAIN Initiative – Targeted BRAIN Circuits Projects–TargetedBCP #RFA-NS-23-024
Amount varies

Funds research seeking to understand how circuit activity leads to mental experience and behavior using innovative, methodologically-integrated approaches

Requested Letter of Intent Due: May 28 by 5:00 p.m. Proposal Due: Jun. 28 by

Synthetic Biology
National Institutes of Health: Notice of Special Interest (NOSI) – Synthetic Biology for Biomedical Applications #NOT-EB-23-002
Amount varies

Various NIH Institutes are encouraging new applications to advance interdisciplinary research activities relevant to synthetic biology and its impact on human health

Application due dates vary; many RFPs continue into 2024 or 2025
NOTE: Interested PIs are strongly encouraged to discuss their proposed research/ aims with a program officer well in advance

Basic & Applied Scientific Research
Department of Defense, Army Research Laboratory (ARL): Broad Agency Announcement for Foundational Research #W911NF-23-S-0002
Amount varies by topic and purpose

Supports innovative research in a range of scientific areas of potential benefit to Army operations; includes Early Career Program, Single-
Mandatory White Paper
Due: Apr. 22 by 11:59 p.m.
Proposal Due: Jun. 21 by
11:59 p.m.
NOTE: pre-proposal
questions must be
submitted via email by
Mar. 25

Early Career Scientists &
Engineers
Department of Defense,
Office of Naval Research
(ONR): Young Investigator
Program #N0001424SF004
$750K
Funds research by early
career scientists and
engineers on a wide range
of topics of interest to ONR
Proposal & Letters of
Support Due: Apr. 30 by
5:00 p.m.
NOTE: Applicants strongly
encouraged to discuss
their research ideas with
appropriate Program
Officer no later than noon
on Apr. 16, prior to
submitting a proposal; brief
informal White Papers may
be emailed to facilitate
these discussions, if desired

Environmental Change &
Resilient Communities
National Science
Foundation: Confronting
Hazards, Impacts and Risks
for a Resilient Planet
(CHIRRP) #PD 24-297Y
Amount varies
Funds projects focusing on
innovative and
transformative research
that advances Earth
system hazard knowledge
and risk mitigation in
partnership with affected
communities
Target Date for Mandatory
Concept Outline: May 6
by 5:00 p.m.
Target Date for Proposal:
5:00 p.m.
NOTE: Consultation
with relevant NIH
Scientific/Research staff
is strongly recommended
by May 28
Additional Proposal Due
Date: Oct. 2

Solid Waste Recycling
NJ Department of
Environmental Protection:
Solid Waste Recycling
Enhancement Act Higher
Education Research Grant
Program
Amount varies
Funds recycling research,
demonstration, and
education projects; see
Grant Application. Section
B, for current topics of
interest
Application Due: May 28
by 3:00 p.m.
NOTE: Princeton can
submit only one
application per topic area;
PIs should send an
expression of interest to
odfrlimitedsubs@princeton.
edu.

Computing in STEM
Education
National Science
Foundation: Improving
Undergraduate STEM
Education – Computing in
Undergraduate Education
#NSF 24-553
Up to $2M, depending on
track
Funds partnerships to re-
envision effective, scalable
computing instruction
focusing on undergrads
from groups underserved
by traditional computing
courses and careers
Proposal Due: May 30 by
5:00 p.m.

Suggested White Paper
Due: Open continuously
until Nov. 20, 2027
Current list of ARL research
topics
Prospective applicants are
strongly encouraged to
contact the relevant ARL
Technical Contact to first
discuss the concept
Your Princeton Team

The Corporate Engagement and Foundations Relations team can assist faculty with building strategic research partnerships with external partners, and with proposal development.

The Office of the Dean for Research is available to assist faculty with collaborative federal proposals for centers and institutes, training grants, and equipment grants, as well as initiatives that advance strategic priorities such as diversity, equity, and inclusion.

We welcome the opportunity to work with you.

Alerts & Notices

New NSF Application Guide Now Available

NSF has published a revised version of its Grants.gov Application Guide (NSF 24-006), which has been updated to align with the revisions to the Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 24-1). A by-chapter summary of changes is provided at the beginning of the document. The Guide will be effective for applications submitted (via Grants.gov) or due, on or after May 20, 2024.

Interested in the Civic Innovation Challenge (CIVIC) Program?

NSF’s current Civic Innovation Challenge (#NSF 24-534) solicitation (included in the February 8 issue of the Funding Announcement) will support planning grants for projects addressing community challenges identified by civic-academic partnerships, in the areas of climate and environmental instability, and bridging gaps between essential resources and services and community needs. Proposals are due by May 1. NSF has now issued a Frequently Asked Questions document (#NSF 24-065), which may be useful in understanding this solicitation and preparing a proposal.

Grid-Scale Energy Storage and AI

The Department of Energy’s Office of Electricity is hosting a hybrid Frontiers in Energy Storage: Next-Generation AI Workshop on April 16 from 9 a.m.-5 p.m. Pacific Time at Lawrence Berkeley National Laboratory (Berkeley, CA) and virtually (noon-8 p.m. Eastern Time). The workshop will bring together researchers, industry leaders, and innovators to explore the potential of AI tools and advancements for increasing the adoption of grid-scale energy storage. Advance registration is required for both in-person and virtual attendance. Registration
Achieving Higher Power Density for Solar-Powered Systems

The Intelligence Advanced Research Projects Activity (IARPA), Office of the Director of National Intelligence, invests in high-risk, high-payoff research programs to tackle some of the most difficult challenges facing the agencies and disciplines in the Intelligence Community. It’s Superior Options for Long-Life Solar Technologies with Impressive Conversion Efficiencies (SOLSTICE) program aims to develop novel solar-powered and hybrid solar-powered systems with significantly higher power density than existing technologies. Prior to the release of a Broad Agency Announcement funding opportunity, IARPA is hosting a SOLSTICE “Proposers Day,” where participants can learn about the program and its technical requirements and objectives.

The Proposers Day will be held on April 9 from 10 a.m.-5 p.m. in Washington, D.C. In-person seating is limited, and there will be a virtual attendance option via Webex. Registration is open until noon on April 4. A recorded video of the meeting will also be made available to the public on the SOLSTICE program website.

Previously Announced Opportunities
March 8, 2024

Quantitative Social Sciences

Data-Driven Social Science Initiative (DDSS): Large-Scale Grants
Over $5K

Funds projects at the forefront of quantitative social science research

Application Due: Mar. 25
Applications accepted in the fall and spring
NOTE: Applications are reviewed monthly (Oct. to May) for Small Scale Grants of up to $5K

Fellowships in Wind Power

Andlinger Center for Energy and the Environment & New Jersey Economic Development Authority: New Jersey Wind Institute Fellowship Program
Graduate students: $30K; rising junior undergrads: $15K; plus $1K for expenses

Opportunity for graduate students and rising juniors from all disciplines to impact the future of offshore wind in NJ and build connections with policymakers and other industry stakeholders

Application Due: Apr. 8
NOTE: while these fellowships are funded by NJEDA, each participating institution administers the program for its own students

Sustainable Waste Management

Faculty Fellowships in a New STEM Discipline
Research Related to Inflammatory Bowel Disease

Kenneth Rainin Foundation: Early Career Catalyst Award
$500K

Supports research by early-career investigators, in any field, that has potential to improve the lives of people with IBD

Mandatory Letter of Inquiry
Due: Mar. 29 by 8:00 p.m.
Invited Proposal Due: Jun. 12 by 8:00 p.m.
Interviews with finalists: Sunday, Jul. 14 (virtual or in-person in San Francisco)

Environmental Research & Education Foundation: Sustainable Solid Waste Management Practices
$15K to $500K; average $160K

Supports research to improve sustainable management of solid waste as it relates to climate change and greenhouse gas emissions, emerging contaminants, or advancing materials circularity and recycling

Mandatory Preproposals
Due: May 1 by 5:00 p.m.
Topic Approval Request
Due: Apr. 17 by 5:00 p.m.
(if required; see Grant FAQs)
Annual Preproposals
deadlines: May 1, Dec. 1

Engineering

United Engineering Foundation: Grants Program
Amount varies

Supports collaborative, broad-based, interdisciplinary projects that further the engineering profession as a whole, and are outside the proposing organization's "business as usual"

Mandatory Concept Paper
Due: May 1 by 6:00 p.m.
Invited Proposal Due: Aug. 1

Improving PK-12 Mathematics Instruction

National Council of Teachers of Mathematics: Action Research on Mathematics Teaching Practices
Up to $6K

Supports collaborative research by university faculty, preservice

Art History

Andy Warhol Foundation: Arts Writers Grant
$15K to $50K

Supports emerging or established writers (including art historians and curators) who write articles or books about post-WWII visual art for general or specialized art audiences

Application Due: May 15 by 11:59 p.m.

Communications Technology

Marconi Society: Paul Baran Young Scholar Award
$5K

Celebrates the next generation of young leaders in advanced communications technology whose contributions will help close the digital divide

Nomination Due: May 15
NOTE: Nominees must be 27 years old or younger
Limited Submission Opportunity

Science, Engineering, & Medical Research

W.M. Keck Foundation: Science & Engineering and Medical Research Award Programs
$500K to $5M; significant cost share matching funds expected

Funds innovative, high-risk, interdisciplinary research that challenges prevailing paradigms, and has potential to develop breakthrough technologies, instrumentation or methodologies

Internal Submission Due: Apr. 8 by 5:00 p.m. via InfoReady Review
NOTE: Prospective candidates must be nominated by their Department/Center/Institute Dean, Chair or Director

Cleantech Startup Accelerator

Cleantech Open Northeast: 2024 Cleantech Open Accelerator
Mentoring, networking, hands-on training, in-kind services, prizes

12-week program provides entrepreneurs and corporate innovators the resources they need to launch and grow successful cleantech businesses

Application Due: Apr. 14 by 11:59 p.m. PST ($75 fee) Program Participation Fee: $1,950 ($1,200 for student-led companies) Travel costs for mandatory in-person events are not reimbursed Informational webinars: Mar. 11, 4:00 p.m.; Mar. 20, 4:00 p.m.

Proposal Due: May 1

Research on Challenges Facing Youth

William T. Grant Foundation: Improving the Use of Research Evidence – Major Research Grants
$100K to $1M

Supports studies that enhance the use of research evidence in ways that benefit youth

Mandatory Letter of Inquiry Due: May 1 by 3:00 p.m. Annual deadlines in Jan., May, and Aug. (LOIs for Officers’ Research Grants not accepted in May)

Research on Challenges Facing Youth

William T. Grant Foundation: Reducing Inequality – Major Research Grants
$100K to $600K

Funds high-quality field-initiated studies on reducing inequality in youth outcomes

Mandatory Letter of Inquiry Due: May 1 by 3:00 p.m. Annual deadlines in Jan., May, and Aug. (LOIs for Officers’ Research Grants not accepted in May)

Diabetes Research

Juvenile Diabetes Research Foundation: Strategic Research Projects
Amount varies; awards can be $1M or more

Funds partnerships with teachers, and classroom teachers seeking to improve their teaching of mathematics in PK-12 classrooms

Proposal Due: May 1

Biomedical Science

National Academy of Medicine: David and Beatrix Hamburg Award for Advances in Biomedical Research and Clinical Medicine
$50K

Recognizes creative and accomplished biomedical scientists who are advancing health and the human condition around the world

Nomination Due: May 15 by 11:59 p.m. PT

Women’s History

National Archives Foundation: Cokie Roberts Fellowship for Women’s History
Up to $12,500 plus training, mentorship, publicity

Fellows perform original research on women’s history at a National Archives facility for a published book, article, essay, film, short series, or art piece to benefit the general public

Application Due: May 15 by 11:59 p.m.

Evaluating Social Programs & Policies

Arnold Ventures: Building Evidence – Support for Causal Studies to Evaluate Social Programs and Policies
Typically $350K to $500K

Funds causal research to advance knowledge on potentially effective policies, programs, and interventions within key AV policy areas (higher education, infrastructure, contraceptive choice and
Faculty Fellowship in Italy

Rockefeller Foundation: 2025 Bellagio Center Residency Program
Room & board, private studio; travel funding may be available

Provides 4-week opportunity to forge cross-disciplinary and cross-cultural connections while advancing a specific breakthrough project that demonstrates clear social impact and charitable purpose; any project topic may be proposed but addressing climate change, and building vibrant, resilient societies are priority themes

Pre-Application Assessment Due: Apr. 25 by 5:00 p.m. Invited Application Due: May 17 by 5:00 p.m.

Anthropology & Related Fields

Wenner-Gren Foundation: Post-PhD Research Grant
Up to $25K

Funds research by doctorates in anthropology or a closely related field that will further our understanding of what it means to be human

Application Due: May 1
Annual Application Deadlines: May 1 and Nov. 1, depending on project start date

Anthropology & Related Fields

Wenner-Gren Foundation: Dissertation Fieldwork Grant
Up to $25K

Supports dissertation research that advances anthropological

Long-Term Thinking & Radical Innovation

Heriot-Watt University, Panmure House & FCLTGlobal: 2024 Panmure House Prize
$75K

Recognizes work on the practical implementation of long-term thinking in relation to innovation, finance, and social and economic change, or research on long term funding of innovation

Application Due: May 6 by noon
NOTE: written endorsement by head of department or center is required

Microbial Ecology

Applied Microbiology & Systems Ecology

Letter of Interest Due: Jun. 1 Invited Proposal Due: Aug. 15
Informational webinar: Mar. 20, 2:00 p.m.

Water Desalination

First Place: $40M (Track A), $8M (Track B); many additional prizes awarded throughout competition

Five-year competition to generate novel, reliable, affordable, sustainable seawater desalination technologies to increase access to clean water while minimizing harm to marine life; Track A: New Desalination System; Track B: Novel Membrane Materials

Team Registration & Qualifying Submission Due: Track B – Feb. 28, 2025; Track A – Apr. 30, 2025
NOTE: Team registration fee of $700 (Track A), $500 (Track B), $700 (both Tracks)

Evaluating Social Programs & Policies

Arnold Ventures: Strengthening Evidence – Support for RCTs to Evaluate Social Programs and Policies
Typically $350K to $500K

Funds research involving rigorous randomized controlled trials across the spectrum of social policy to build the body of proven, effective policies, programs, and
Drug Discovery

PhRMA Foundation: Drug Discovery Targets & Pathways – Predoctoral, Postdoctoral Fellowships & Faculty Research Starter Grants
$30K to $120K; varies by award type

Supports grad students, postdocs, and early-career faculty pursuing drug discovery research

Mandatory Letter of Intent Due: May 1 by noon
Invited Application Due: Aug. 29 by noon

Social Sciences

Russell Sage Foundation: Visiting Researcher Awards
No funding awarded

Provides short-term office space, equipment, and library access for scholars conducting research relevant to the Foundation’s priority areas within social science research

Applications Due: May 7 by 2:00 p.m.

Life Sciences

International Human Frontier Science Program Organization: Long-Term (LTF) and Cross-Disciplinary (CDF) Postdoctoral Fellowships
Amount varies by host country

Funds international, interdisciplinary postdoc positions leading to new skills in the life sciences

Mandatory Letter of Intent Due: May 14 by 1:00 p.m.
Invited Proposal Due: Sep. 26 by 1:00 p.m.

Health Inequities

Amount varies

Develops evidence about ways to dismantle or remedy health inequities, and produce better outcomes for people and communities of color

Application and Letter of Intent accepted any time
Full Proposals accepted by invitation only

Genomics

National Institutes of Health: Centers of Excellence in Genomic Science #PAR-23-098
Up to $7.5M in direct costs

Letter of Interest accepted any time
Informational webinar: Mar. 20, 2:00 p.m.
Humanities Programs & Resources

National Endowment for the Humanities: Humanities Initiatives at Colleges and Universities #20240507-AA
Up to $150K

Supports the development of new programs, courses or resources in the humanities, or enhancement of existing ones

Optional Draft Due: Mar. 26 by 11:59 p.m.
Application Due: May 7 by 11:59 p.m.
Live Q&A session: Mar. 12, 2:00 p.m., click here to join; a recorded webinar is also available

Humanities: Preservation & Access

National Endowment for the Humanities, Division of Preservation and Access: Research and Development Grants #20240521-PR
Tier I: Up to $100K; Tier II: up to $350K

Supports projects addressing challenges in preserving or accessing various humanities collections and resources

Optional Draft Due: Apr. 9 by 11:59 p.m.
Application Due: May 21 by 11:59 p.m.

Informatics for Cancer Research Data

National Institutes of Health: Development of Innovative Informatics Methods and Algorithms for Cancer Research and Management #RFA-CA-24-016
Up to $275K in direct costs

Supports development of informatics methods and algorithms to improve acquisition, analysis, visualization, or interpretation of data across the cancer research continuum including cancer biology, treatment and diagnosis, early detection, risk assessment and prevention, control and epidemiology, and/or cancer health disparities

Requested Letter of Intent Due: May 10 by 5:00 p.m.
Application Due: Jun. 21 by 5:00 p.m.

Discovery #NSF 24-541
Enabled Scientific Accelerating Computing-Enabled Scientific Discovery – Innovative Informatics for Cancer Research (Emerging Ideas)
Up to $500K (Track I: $100K to $250K; Track II: $275K in direct costs)

National Institutes of Health: Development of Innovative Informatics Methods and Algorithms for Cancer Research and Management #RFA-CA-24-016
Up to $275K in direct costs

Supports development of informatics methods and algorithms to improve acquisition, analysis, visualization, or interpretation of data across the cancer research continuum including cancer biology, treatment and diagnosis, early detection, risk assessment and prevention, control and epidemiology, and/or cancer health disparities

Requested Letter of Intent Due: May 10 by 5:00 p.m.
Application Due: Jun. 21 by 5:00 p.m.

Additional application deadline: Nov. 15

Humanities: Preservation & Access

National Endowment for the Humanities, Division of Preservation and Access: Education and Training #20240521-PE
Up to $350K

Supports projects that develop and implement educational programs for professionals who preserve humanities collections and resources

Science & Engineering – Approaches to Research & Development Strategic Visioning #NSF 24-063
Up to $300K

Identify ambitious new mid-to-long-range R&D directions that align with national and societal priorities, and communicate findings to broad CISE community

Mandatory Concept Outline Due: May 1 by 5:00 p.m.
Invited Proposal Due: May 31 by 5:00 p.m.

Atmospheric Sciences

National Science Foundation: Coupling, Energetics, and Dynamics of Atmospheric Regions (CEDAR) #NSF 22-575
$100K to $1M per institution

Funds research toward understanding the behavior of atmospheric regions from the middle atmosphere upward through the thermosphere and ionosphere into the exosphere in terms of coupling, energetics, chemistry, and dynamics on regional and global scales

Proposal Target Date: May 3 by 5:00 p.m.
Proposals due annually by the first Friday in May

Climate Change & Cancer

National Institutes of Health: Impacts of Climate Change Across the Cancer Control Continuum #PAR-23-153
Amount varies

Supports innovative research relevant to understanding the effects of climate change on cancer risks, control, and prevention

Computing & Biological, Mathematical, Physical Sciences or Engineering

National Science Foundation: ACED – Accelerating Computing-Enabled Scientific Discovery #NSF 24-541
Up to $500K (Track I: Emerging Ideas)
### Next-G Wireless Networks

**National Science Foundation: Ideas Lab – Breaking the Low Latency Barrier for Verticals in Next-G Wireless Networks (Breaking Low)**

#NSF 24-545  
Up to $7.4M  

Accelerate and enable new technologies and contribute to the growth of the U.S. economy in advanced wireless communications.

**Mandatory Preliminary Proposal Due:** Apr. 18 by 5:00 p.m.  
**In-Person Ideas Lab Workshop:** Jul. 22-24 (by invitation only)  
**Full Proposal Due:** Sep. 30 by 5:00 p.m.  
**Informational Webinars:** Mar. 8, 3-4 p.m. or Mar. 18, 4-5 p.m.  
**NOTE:** Prospective PIs are strongly encouraged to consult with relevant Program Officers prior to submitting a preliminary proposal.

### Protein Design

**National Science Foundation: Ideas Lab – Use-Inspired Acceleration of Protein Design**  
#NSF 24-550  
Up to $11.25M  

Accelerates the translation of novel approaches to protein design and enables new applications of importance to the U.S. bioeconomy.

**Mandatory Preliminary Proposal Due:** May 6 by 5:00 p.m.  
**Additional application deadlines:** Sep. 6, 2024; Jan. 8, May 5, 2025.

### Improve Evidence-Based Health

**National Institutes of Health: Dissemination and Implementation Research in Health #PAR-22-105**  
Amount varies  

Funds work to identify, develop, and/or test strategies to disseminate and implement evidence-based interventions into public health, clinical practice, and community settings.

**Requested Letter of Intent Due:** May 5 by 5:00 p.m.  
**Application Due:** Jun. 5 by 5:00 p.m.  
**Annual application deadlines:** Feb. 5, Jun. 5, Oct. 5 through Feb. 2025

### Health-Sciences Research

**National Institutes of Health: Research Opportunities for New and "At-Risk" Investigators to Promote Workforce Diversity #PAR-22-181**  
Amount varies  

Funds research by PIs from diverse backgrounds, including those from underrepresented groups, that meets the mission of the participating NIH Institutes or Centers.

**Application Due:** May 6 by 5:00 p.m.

### Sustainable Regional Systems

**National Science Foundation: Sustainable Regional Systems Research Networks (SRS RNs)**  
#NSF 24-533  
Up to $15M  

Develops and supports interdisciplinary, multi-organizational teams working collaboratively to produce cutting-edge convergent research, education, and outreach that addresses grand challenges in sustainable regional systems.

**Proposal Due:** May 15 by 5:00 p.m.
**Carbon Management**

**Department of Energy, Office of Fossil Energy and Carbon Management:**

Carbon Management #DE-FOA-0002614

$1.5M to $3M; at least 20% cost share required

Advances technologies to convert CO2 into environmentally responsible, economically valuable products; develops lower-cost, highly efficient technologies to capture CO2 from industrial sources and power plants for permanent storage or conversion

Application Due: Apr. 29 by 8:00 p.m.

**Task-Based Interactions**

**National Science Foundation: Exploring Task-Based Interactions between Human and Synthetic Actors**

#NSF 23-156

Amount varies

Supports research that explores new ways in which humans can interact with synthetic agents to achieve important societal aims

Invited Proposal Due: May 1 (for FY 2024 consideration)

NOTE: Mandatory Concept Outline must be submitted and approved first

**Cell-Free Systems**

**National Science Foundation: Ideas Lab – Advancing Cell-Free Systems Toward Increased Range of Use-Inspired Applications**

#NSF 24-552

Up to $11.25M

Accelerate adoption of cell-free systems, enable new applications of this technology and contribute to the growth of the U.S. bioeconomy

Mandatory Preliminary Proposal Due: May 17 by 5:00 p.m.

In-Person Ideas Lab Workshop: Jul. 15-19 (by invitation only)

Invited Full Proposal Due: Sep. 6 by 5:00 p.m.

**From Lab to Marketplace**

**National Science Foundation: Partnerships for Innovation – Technology Translation Track (PFI-TT)**

#NSF 23-538

Up to $550K

Supports transition of NSF-funded discoveries from the lab to the marketplace to benefit society; having an Industry Partner is strongly encouraged

Proposal Due: May 7 by 5:00 p.m.

Additional deadlines:

Sep. 3, Jan. 7

Q&A Sessions held almost monthly at 1:00 p.m.; next two are Mar. 12 or Apr. 9.

See “Resources and Contact Information” section on the PFI Initiative’s website

The PFI-TT Track (above) is Open Call. The Research Partnerships Track (PFI-RP; up to $1M) is Limited Submission; Princeton may submit only one PFI-RP proposal per submission deadline. For information on the PFI-FP Track, click here; the deadline for internal submissions is April 1.

**Basic Science & Engineering Research**

**Department of Defense – FY2025 Multidisciplinary Research Program of the University Research Initiative (MURI)**

#N0001424SF002

Up to $7.5M; varies by topic

Funds multidisciplinary, multi-institutional, high-risk basic research in science and engineering of potential interest to the DoD

White Paper Due: May 17 by 5:00 p.m. (optional but strongly recommended)

Application Due: Sep. 6 by 5:00 p.m.
Do you know of an upcoming funding opportunity to share with your Princeton colleagues?

Please email it to researchfunding@princeton.edu at least four weeks prior to the application due date, and we will include it in an upcoming Funding Announcement and/or add it to the Princeton Research Funding Gateway. Thank you!

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