Research Funding Announcement
March 8, 2024

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

Selected Upcoming Funding Opportunities

Hellenic Studies

Seeger Center for Hellenic Studies & Center for Digital Humanities: Digital Humanities for Hellenic Studies – Working with Ancient & Medieval Texts
Free tuition; some travel & accommodation expenses may be covered

Workshop exploring computational methods for analyzing the textual culture of the ancient and medieval Mediterranean world; Jun. 25-28, Athens, Greece

Application Due: Mar. 11 by 11:59 p.m.

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

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

Faculty Fellowships in a New STEM Discipline

Simons Foundation: Pivot Fellowship Program
Salary support plus research, professional development funds

Enables faculty in STEM
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)

Educational Opportunity Gaps

Brady Education Foundation: Existing Program Evaluation & Research Project Grants
$10K to $368K
Seeks to close educational opportunity gaps through collaboration by researchers, educators, and other stakeholders in research projects and program evaluations with potential to inform private funders and public policy

Mandatory Stage 1 Proposal Due: Apr. 1
Invited Stage 2 Proposal Due: Aug. 1
NOTE: prior to submission of a Stage 1 Proposal, an optional brief inquiry may be made to determine project fit; see Application Guidelines
Additional Stage 1 deadlines: Aug. 1, Dec. 1, 2024; Apr. 1, 2025

Limited Submission Opportunity

Science, Engineering, & Medical Research

W.M. Keck Foundation: Science & Engineering and Medical Research Award Programs
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 Preproposal 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 Preproposal 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 teachers, and classroom teachers seeking to improve their teaching of mathematics in PK-12 classrooms

Proposal Due: May 1

Limited Submission Opportunity

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

Biomedical Science

National Academy of Medicine: David and Beatrix Hamburg Award for Advances in Biomedical
$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.

Faculty Fellowship in Italy

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

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 JDRF scientists to address critical gaps and challenges and potential breakthroughs in Type 1 diabetes research

Project Concept LOI Due: May 2 by 5:00 p.m.

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 access, public finance)

Letter of Interest Due: Jun. 1
Invited Proposal Due: Aug. 15

Informational webinar: Mar. 20, 2:00 p.m.
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

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

Anthropology & Related Fields

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

Supports dissertation research that advances anthropological knowledge

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

Microbial Ecology

Simons Foundation: Postdoctoral Fellowships in Marine Microbial Ecology
$285K

Provides postdoc fellowships in marine microbial ecology for

Annual LOI deadlines in May and Nov.
NOTE: JDRF offers other types of funding, including postdoc fellowships, innovation, and early-career faculty awards

Human Migration

Gerda Henkel Foundation: Forced Migration Program
Amount varies

Supports internationally-oriented, multidimensional, comparative research by grad students, postdocs, and faculty in the interdisciplinary field of Forced Migration Studies

Application Due: May 3

Long-Term Thinking & Radical Innovation

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$75K

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

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 interventions

Letter of Interest accepted any time
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)

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$285K

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Annual LOI deadlines in May and Nov.
NOTE: JDRF offers other types of funding, including postdoc fellowships, innovation, and early-career faculty awards

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Gerda Henkel Foundation: Forced Migration Program
Amount varies

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Application Due: May 3
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

Application Due: May 7 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

Humanities Programs & Resources

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

Computer, Information Science & Engineering: Future Directions

National Science Foundation: Directorate for Computer & Information Science & Engineering – Approaches to Research & Development Strategic Visioning #NSF 24-063
Up to $300K

Identify ambitious new mid-to-long-range R&D

Genomics

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

Establishes multi-investigator, interdiscipli- nary teams to develop integrated, transformative, high-risk, high-payoff genomic approaches to address a biomedical
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.

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 and provide access to humanities collections

Optional Draft Due: Apr. 9 by 11:59 p.m.
Application Due: May 21 by 11:59 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: Development of Informatics for Cancer Research Data #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.

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

Amount varies

Supports innovative research relevant to understanding the effects of climate change on cancer risks, control, and survivorship, and ways to prevent or mitigate negative health effects

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

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)

Seeks to harness computing to accelerate scientific discovery in bold new directions, while also driving new computing advancements

Proposal Due: May 13 by 5:00 p.m.
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: Apr. 23 by 5:00 p.m.
In-Person Ideas Lab Workshop: Jun. 10-14 (by invitation only)
Invited Full Proposal Due: Aug. 30 by 5:00 p.m.
Informational Webinar: Mar. 14, 1-2 p.m.

Annual application deadlines: Feb. 5, Jun. 5, Oct. 5 through Feb. 2026

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.
Additional application deadlines: Sep. 6, 2024; Jan. 8, May 5, 2025

From Lab to Marketplace

National Science Foundation: Partnerships for Innovation – Technology Translation

Supports development of pathways or networks to increase coordination and optimization of follow-up observations for MMA campaigns.

Proposal Due: May 13 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.

Cell-Free Systems

National Science Foundation: Ideas Lab – Advancing Cell-Free Systems Toward Increased...
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

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.

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. 20 by 5:00 p.m.

Informational Webinar: Mar. 26, 1-2 p.m.

Basic Science & Engineering Research

Department of Defense – FY2025 Multidisciplinary Research Program of the University Research Initiative (MURI) #N0001424SF0002

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.

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

The University’s High Meadows Environmental Institute (HMEI) has several research and learning opportunities for Princeton graduate students across campus:

HMEI Climate and Environmental Sciences and Engineering Graduate Fellowship Program (CESEn) enables Ph.D. candidates (post-generals) in science, engineering, and other academic disciplines to add an environmental and/or climate-focused science/engineering dimension to their doctoral research. Applications are due by April 1 at 11:59 p.m.

HMEI-STEP Graduate Fellowship Program enables Ph.D. candidates (first, second or third year) in science, engineering and other academic disciplines to explore the environmental policy dimension of their doctoral research. Students who complete program requirements receive a graduate certificate in Science, Technology and Environmental Policy in addition to a degree from their department. Applications are due by April 1 at 11:59 p.m.

HMEI administers the Princeton Energy and Climate Scholars (PECS) program, which brings together a select interdisciplinary group of Princeton Ph.D. students with research expertise ranging from climate science and energy policy to environmental humanities. PECS enhances the students’ research experience by encouraging them to transcend the boundaries of their fields and by fostering a sense of common intellectual adventure. Group membership requires a two-year commitment. Applications are due by April 1 at 11:59 p.m.

Upcoming NSF Webinars & Events

NSF will present information about the revised Proposal & Award Policies & Procedures Guide (PAPPG) on March 12, 2:00-3:00 p.m. Registration for this webinar is now open.

There will be a funding opportunity webinar on March 14, 3:00-5:00 p.m., for Growing Convergence Research #NSF 24-527. Learn more here about the NSF program before the event, and then join the webinar on Zoom; Passcode is GCR.

Registration is now open for NSF’s Spring 2024 Grants Conference in Philadelphia on June 3 – 5. This event will be both in-person ($750) and virtual ($50). NSF anticipates that in-person registration will sell out quickly.

Quantum Technology Experts Needed

The National Institute of Standards and
Technology (NIST) is looking for scientists interested in engaging with a new international technical committee on Quantum Technologies, including leading technical working groups in specific quantum technical areas, or potentially serving as technical advisor of the U.S. National Committee Technical Advisory Group. Click here for more information.

Entrepreneurial Training for Biomedical Device Innovators

The National Institute of Biomedical Imaging and Bioengineering (NIBIB) is offering its academic grantees an opportunity to participate in an entrepreneurial training and mentorship course aimed at providing business frameworks and essential tools to successfully translate biomedical technology from the lab to the market through its commercialization assistance program, Concept to Clinic: Commercializing Innovation – Education (eC3i). The course will be held online from June 3 – August 22.

To be eligible to participate, investigators must have an NIBIB-funded K99/R00, R01, U01, or P41 research project grant award that is active or in a No-Cost Extension through September 2024. Applications are due by April 12.

Previously Announced Opportunities

February 23, 2024

**Natural Sciences, Engineering: New & Replacement Equipment**

**Offices of the Provost and of the Dean for Research: 2024 Transformative Equipment Initiative**

Amount varies

Supports purchase of new equipment by departments, units or individual faculty, or replacement of equipment in shared facilities

Application Due: May 15 via InfoReady Review

**Race-Conscious Policies**

**Russell Sage, Hewlett, Spencer, & William T. Grant foundations: Promoting Educational Attainment & Economic Mobility among Racially, Ethnically, & Economically Diverse Groups after the 2023 Supreme Court Decision to**

**Research on Education**

**Spencer Foundation: Small Research Grants Program**

Up to $50K

Funds research that is relevant to the most pressing questions and compelling opportunities in education
Science (Physics) and Medicine (Cellular Therapy)
SAR 750,000 (approx. $200K)

International prizes recognizing outstanding achievement in science and medicine; topics vary annually

Internal Submission Due: Mar. 11 by 5:00 p.m. via InfoReady Review
NOTE: Nominations must come from the University (not an individual) and require a signed institutional nomination letter. CEFR will coordinate this process; submit nomination materials in InfoReady Review.
Award ceremony will be held in Riyadh, Saudi Arabia; date TBD

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Studying American Federalism

Center for the Study of Federalism: Research Grants & Dissertation Grants
Research: up to $15K; Dissertation: up to $7,500

Supports scholarly work that will advance thinking about federalism as a principle of American government, law, and politics

Application Due: Mar. 15
Annual Application Deadlines: Mar. 15, Oct. 15

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Visual Arts

Roswell Artist-in-Residence Foundation: Artist-in-Residence Program
$13,200 stipend; $3K for supplies; housing; studio space (additional funds available for families)

One-year fellowship allows studio-based visual artists

Ban Race-Conscious Admissions at Colleges & Universities
Trustee Grants: up to $200K; Presidential Grants: up to $75K

Funds social science research on social, political, and economic effects of Supreme Court ban on race-conscious admissions, ways to promote educational attainment and economic mobility among racially, ethnically, and economically diverse groups, and future of race-conscious policies more generally

Mandatory Letter of Intent Due: Apr. 16 by 2:00 p.m.
Invited Proposal Due: Jul. 22 by 2:00 p.m.

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Cancer Disparities

American Association for Cancer Research: AACR Cancer Disparities Research Fellowships
$130K

Encourages and supports postdoctoral fellows conducting cancer disparities research and establishing a successful career path in this field

Application Due: Apr. 16 by 1:00 p.m.
NOTE: Applicants must be AACR members in good standing; no annual dues is required for Associate membership for postdocs

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Applying Technology to Pressing Global Challenges

MIT Solve: 2024 Global & Custom Challenges
$10K or more, coaching, support, etc.

Seeks exceptional innovators who are using technology to solve

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Cancer Research

Elsa U. Pardee Foundation: Support for Innovative Cancer Research
Typically $75K to $200K

Funds short-term, early-stage research directed toward identifying new treatments or cures for cancer; also supports postdocs new to cancer research

Application Due: Apr. 30
Annual deadlines: Apr. 30, Aug. 31, Dec. 15

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Alternatives to Animals in Research

International Foundation for Ethical Research: Graduate Student Fellowships for Alternatives to the Use of Animals in Science
Up to $45K

Awarded to grad students whose proposals show great potential to reduce, replace, or refine the use of animals in research, testing, and/or education

Mandatory Pre-Proposal Due: Apr. 30 by 11:59 p.m. CST

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Retirement & Disability Research

Boston College Center for Retirement Research & U.S. Social Security Administration: Dissertation Fellowship Program
$28K

Allows doctoral candidates at any accredited U.S.
Sigma Xi, The Scientific Research Honor Society: Grants in Aid of Research
Members: $500 to $5K (grad students), $500 to $2K (undergrads); non-members: up to $1K

Promotes close working relationships between students and mentors, and scientific excellence and achievement through hands-on learning

Application & Advisor Recommendation Form Due: Mar. 15
Annual Application Deadlines: Mar. 15, Oct. 1

Russell Sage Foundation: Summer Institute in Behavioral Economics
Most participant costs are covered

Provides summer training in behavioral economics for grad students, postdocs, and new faculty; 2024 Institute: Jun. 29–Jul. 9, Dedham, MA

Application Due: Mar. 29

Burroughs Wellcome Fund: Climate Change and Human Health Seed Grants
$2,500 to $50K

Fosters new connections among scholars, practitioners, educators, and communicators who may together mitigate climate change’s impact on human health

Proposal Due: Apr. 25 by 3:00 p.m. Proposals accepted on a rolling basis through Jul. 2026, and reviewed quarterly; deadline for next review is Jul. 25, 2024

Robert Wood Johnson Foundation: Pioneering Ideas – Exploring the Future to Build a Culture of Health
Amount varies

Funds innovative approaches to advancing health equity; focus areas include: Future of Evidence; Future of Social Interaction; Future of Food; Future of Work

Application accepted any time

U.S.-India Collaborations in Cancer Research

Mark Foundation for Cancer Research: Emerging Leader Awards
$750K

Supports high-risk, high-impact cancer research by early-career investigators that is distinct from their current and previous work

Mandatory Letter of Intent Due: Apr. 29 by 5:00 p.m. Invited Application Due: Jul. 22 by 5:00 p.m.
Earth & Space Sciences

National Aeronautics and Space Administration: Research Opportunities in Space and Earth Sciences (ROSES-2024) #NHH24ZDA001N
Amount varies by topic area

Supports a wide range of basic and applied research and technology in space and Earth sciences of interest to NASA’s Science Mission Directorate

Submission Due: dates vary by topic area; earliest is Mar. 8

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**Limited Submission Opportunity**

Quantum Science & Technology

National Science Foundation: NSF National Quantum Virtual Laboratory (NQVL) – Quantum Science and Technology Demonstrations, Pilot Phase #NSF 23-604
Up to $1M (Pilot phase)

NQVL aims to develop and utilize use-inspired and application-oriented quantum technologies

Internal Submission Due: Mar. 11 by 5:00 p.m. via InfoReady Review
NOTE: Letter of Support is required from the submitting Department/Center/Institution Dean, Chair, or Director

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Cyberinfrastructure for Climate Research

National Science Foundation: Supporting Computing & Networking Research for a National Discovery Cloud for Climate #NSF 24-058
Up to $600K

Supports pilot efforts by the computer and network systems community to build an integrated national-scale cyberinfrastructure capable of supporting end-to-end climate research and education

Proposal Due: Apr. 15
NOTE: Interested PIs should contact a relevant NSF program officer to discuss their project prior to developing a proposal

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Carbon Dioxide Removal

Department of Energy: Office of Science Graduate Student Research (SCGSR) Awards
Amount varies; monthly stipend for living expenses plus transportation

Supplemental funds for graduate awardees to conduct part of their PhD thesis research at a DOE facility in collaboration with a DOE scientist over a period of 3-12 months

Application Due: May 1 by 5:00 p.m.
Application Assistance Workshops: Mar. 7, 2:00-3:30 p.m. (Overview of SCGSR Program and Application Process); Apr. 18, 2:00-4:30 p.m. (Q&A, Application and Proposal Guidance)

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Social, Policy, Behavioral Sciences

NSF National Center for Atmospheric Research: Early Career Faculty Innovators Program
Up to $250K

Faculty in social, policy, and behavioral sciences co-develop interdisciplinary, actionable research projects with scientists and engineers at NSF NCAR; Research Theme: Convergent & Actionable Earth System Science

Letter of Intent Due: May 1
Invited Proposal Due: Sep. 15
Q &A Sessions: Mar. 6, 5-6 p.m.; Apr. 4, 11 a.m.-12 p.m.; see online Program Flyer to register

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Cyber-Physical Systems

National Science Foundation: Cyber-Physical Systems (CPS) – SMALL and

Office of Science Department of Energy: Office of Fossil Energy and Carbon Dioxide Removal

Climate Discovery Cloud for Research for a National Innovators Program

Supports pilot efforts by the computer and network systems community to build an integrated national-scale cyberinfrastructure capable of supporting end-to-end climate research and education

Program

Amount varies by NSF Directorate

Invited Proposal Due: May 1
Q &A Sessions: Mar. 6, 5-6 p.m.; Apr. 4, 11 a.m.-12 p.m.; see online Program Flyer to register

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Limited Submission Opportunity

Biotechnology

National Science Foundation & Dept. of Biotechnology (DBT), Government of India: Special Guidelines for Submitting Collaborative Proposals under NSF & DBT Collaborative Research Opportunities #NSF 24-054
Amount varies by NSF Program

Supports discoveries and innovations in areas of mutual interest to advance knowledge, technologies, and innovation that advance biotechnology and promote the bioeconomy

Proposal Due: Apr. 11
NOTE: Interested PIs are encouraged to contact relevant NSF program directors for specific guidance

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Collaborative Research Proposals under NSF & DBT Submitting Collaborative Proposals under NSF & DBT Collaborative Research Opportunities #NSF 24-054
Amount varies by NSF Program

Supports discoveries and innovations in areas of mutual interest to advance knowledge, technologies, and innovation that advance biotechnology and promote the bioeconomy

Proposal Due: Apr. 11
NOTE: Interested PIs are encouraged to contact relevant NSF program directors for specific guidance

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**Limited Submission Opportunity**

Department of Energy: Office of Science
department or director

**Limited Submission Opportunity**

Department of Energy: Office of Science

**Limited Submission Opportunity**

Department of Energy: Office of Science
Graduate STEM Education

**National Science Foundation: Innovations in Graduate Education**

*NSF 24-529*

$300K to $1M, depending on Track

Generate knowledge required for customization, implementation, and broader adoption of potentially transformative approaches to graduate STEM education

Internal Submission Due: Mar. 12 by 5:00 p.m. via InfoReady Review

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Clean Transportation


*DE-FOA-0003250*

$500K to $2.5M; 50% cost share required for Interest Area #3

Funds projects to advance deployment of technologies critical to achieving net-zero greenhouse gas emissions in the transportation sector

Mandatory Concept Paper Due: Mar. 12 by 5:00 p.m.
Application Due: Apr. 30 by 5:00 p.m.
A Teaming Partner List is available

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Plasma Science

**Department of Energy, Office of Science: Research on General Plasma Science Collaborative Research Facilities**

*DE-FOA-0003267*

$20K to $120K

Carbon Management: Carbon Negative Shot Pilots *DE-FOA-0003082*

$5M to $7M, depending on Interest Area

Supports pilot and testing projects to help develop a commercially viable carbon dioxide removal industry in the U.S.

Application Due: Apr. 16 by 11:59 p.m.

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Cyberinfrastructure

**National Science Foundation: Campus Cyberinfrastructure**

*NSF 24-530*

Amount varies by program area; $100K to $1.4M

Invests in coordinated campus-level networking and cyberinfrastructure improvements for science applications and research projects

Proposal Due: Apr. 22 by 5:00 p.m.

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Social Science Research on Japan

**National Endowment for the Humanities & Japan-United States Friendship Commission: Fellowships for Advanced Social Science Research on Japan**

*20240424-FO*

$30K to $60K ($5K per month)

Supports research and writing on modern Japanese society and political economy, Japan’s international relations, and U.S.-Japan relations

Application Due: Apr. 24 by 11:59 p.m.
Information Session: Mar. 6, 2:00-3:00 p.m. (registration not required); recording will be available
Advanced Japanese language skills are required

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Understanding Complex Living Systems

**National Science Foundation: Division of Molecular and Cellular Biosciences Core Programs**

*NSF 24-539*

Amount varies by program.

Typically $100K to $1M or more

Funds quantitative, mechanistic, predictive, and theory-driven fundamental research to promote understanding of complex living systems

Proposal accepted any time

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Plant Research

**National Science Foundation & USDA National Institute of Food and Agriculture: Plant Biotic Interactions**

*NSF 20-576*

Usually $100K to $1.2M

Studies of processes mediating beneficial and antagonistic interactions between plants and their viral, bacterial, oomycete, fungal, plant, and invertebrate symbionts, pathogens, and pests

Proposal accepted any time

Computer & Information Science & Engineering
Mandatory Letter of Intent Due: Mar. 29 by 5:00 p.m.  Application Due: Apr. 29 by 11:59 p.m.

Medical Technologies

National Institute of Biomedical Imaging and Bioengineering, Atlanta
Center for Microsystems-Engineered Point-of-Care Technologies (ACME POCT): Microsystems-Based Point-of-Care Technologies
One year of development support services

Supports the development, adaptation, or validation of microsystems-based point-of-care (POC) medical technologies

Expression of Interest Due: Mar. 31 by 11:59 p.m.
Invited Proposal Due: Jun. 2 by 11:59 p.m.
Informational webinar: Feb. 27, 2:00 p.m.: register here
NOTE: NIBIB has additional Centers that offer Point-of-Care technology development services in other topic areas

Quantitative Predictions of Climate-Related Effects

Department of Commerce, National Institute of Standards and Technology (NIST): Center of Excellence in Climate Measurements #2024-NIST-CECM-01
Up to $2,667,900

Funds creation of an interdisciplinary center that will coordinate efforts to standardize methods and metrics for forecasting consequences of climate trends

Understanding of Biological Processes

National Institutes of Health: NIH Collaborative Program Grant for Multidisciplinary Teams #PAR-23-077
Up to $7.5M in direct costs

Supports multi-team research that increases understanding of biological processes at a range of levels, from molecules to populations

Requested Letter of Intent Due: Apr. 29 by 5:00 p.m.  Application Due: May 29 by 5:00 p.m.
Letters of Intent accepted Apr. and Dec. through 2025

Artificial Intelligence

National Science Foundation: Computer and Information Science and Engineering (CISE) – Core Programs: SMALL Projects #NSF 23-561
Up to $600K

Funds research and education to develop new knowledge in computing, communications, and information science and engineering

Proposal accepted any time

Funding Opportunities for Engineering Research in Artificial Intelligence #NSF 24-055
Up to $600K for U.S. portion

Supports collaborative research on artificial intelligence between U.S. and Italian researchers

Proposal accepted any time to the SMALL project class of the CISE Core Programs (see previous RFP)
NOTE: Interested PIs are strongly encouraged to contact a relevant NSF Program Director to discuss their proposed collaboration prior to developing a proposal
Application Due: Apr. 1 by 11:59 p.m.

Quantum Information Science and Engineering
#NSF 24-042

Funding Opportunities for Engineering Research in Emerging Areas of Advanced Manufacturing
#NSF 24-043

Funding Opportunities for Engineering Research to Achieve Net-Zero Climate Goals by 2050
#NSF 24-045

Proposal Due: Apr. 30 for consideration during FY2024 (proposals submitted later will be considered for FY2025)

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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