Selected Upcoming Funding Opportunities

**Humanities**

**Office of the Dean for Research: Innovation Fund for New Ideas in the Humanities**
Up to $50K

Supports projects that will advance a discipline (through development of new ideas, working groups, conferences, technologies, datasets, and/or expanded access to scholarly resources) and/or through a major piece of scholarly work

Application Due: Mar. 1 via InfoReady Review

**Sustainability**

**Office of the Dean for Research, Andlinger Center for Energy and the Environment, & High Meadows Environmental Institute: Innovation Fund for the Sustainability of Our Planet**
Up to $300K

Funds research to discover, develop, and adopt sustainable solutions to mitigate the effects of human activities that degrade and pollute Earth

Application Due: Mar. 1 via InfoReady Review

**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

**Sustainable Energy**

**Office of the Dean for Research: Innovation Fund for Exploratory Energy Research**
Up to $300K

Supports the exploration of new ideas and concepts aimed at finding sustainable energy solutions

Application Due: Mar. 1 via InfoReady Review

**Humanities, Natural Sciences & Engineering**

**Office of the Dean for Research: Innovation Fund for Collaborations Between Artists and Scientists or Engineers**
Up to $150K

Encourages collaborations
between faculty in the arts and in the natural sciences or engineering to promote synergistic innovations.

Application Due: Mar. 1 via InfoReady Review

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**Physics; Cellular Therapy**

King Faisal Foundation: 2025 King Faisal Prize in 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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**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 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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**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

Proposal Due: Apr. 30 by 1:00 p.m. Annual deadlines: Apr., Aug., Dec.

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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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**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

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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

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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...
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 to concentrate on their work in a supportive, collegial environment in Roswell, NM

Application Due: Mar. 15 by 7:00 p.m.
NOTE: $25 application fee

Student Research in Any Scientific Field

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

Behavioral Economics

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

Provides summer training in behavioral economics

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

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. university to pursue cutting-edge research on retirement or disability issues

Application Due: Apr. 30 by 5:00 p.m.

Life Sciences: Early-Career Faculty

Howard Hughes Medical Institute: Freeman Hrabowski Scholars Program
Up to $8.6M

Supports early-career faculty in basic biomedical and biological sciences who are committed to advancing diversity, equity, and inclusion in science

Application Due: May 15 by 3:00 p.m.
Informational Webinars: Mar. 4, 2:00-3:00 p.m.; Mar. 12, 3:00-4:00 p.m.; recordings will be available

Impacts on Health Equity

Robert Wood Johnson Foundation: Pioneering Ideas – Exploring the Future to Build a Culture of Health
Amount varies
behavioral economics for grad students, postdocs, and new faculty; 2024 Institute: Jun. 29–Jul. 9, Dedham, MA

Application Due: Mar. 29

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.

U.S.–India Collaborations in 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

Grad Student Research at a DOE facility

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)

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

Earth & Space Sciences

National Aeronautics and Space Administration:
Research Opportunities in Space and Earth Sciences (ROSES-2024) #NNH24ZDA001N
Amount varies by topic

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
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/Institute Dean, Chair or Director

Limited Submission Opportunity

Graduate STEM Education

National Science Foundation: Innovations in Graduate Education #NSF 24-529
$300K to $1M, depending on topic area

Generate knowledge required for customization, implementation, and broader adoption of potentially transformative projects with scientists and engineers at NSF NCAR; Research Theme: Convergent & Actionable Earth System Science

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

Social Science Research on Japan

National Endowment for the Humanities & Japan-United States Friendship Commission: Fellowships for

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

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

Carbon Dioxide Removal

Department of Energy, Office of Fossil Energy and 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.

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.

Understanding Complex Living Systems

National Science Foundation: Division of Molecular and Cellular Biosciences Core Programs #NSF 24-539
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

Plant Research

National Science Foundation & USDA National Institute of Food
Biomedical Imaging and Medical Technologies

Facilities #DE-FOA-0003267
Collaborative Research
Plasma Science
Office of Science:
Department of Energy,
Plasma Science

#DE-FOA-0003250
Opportunity
Integration Funding
Office Technology
2024 Vehicle Technologies & Renewable Energy: FY
Office of Energy Efficiency
Department of Energy,
Clean Transportation

Department of Energy,
Office of Energy Efficiency & Renewable Energy: FY
2024 Vehicle Technologies
Office Technology
Integration Funding Opportunity
#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

Plasma Science

Department of Energy,
Office of Science: Research on General Plasma Science
Collaborative Research Facilities #DE-FOA-0003267
$20K to $120K

Supports early-stage basic research at DOE’s general plasma science collaborative research facilities, including PPPL

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

Geosciences & Environmental Research

Funding Opportunities for Engineering Research in

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

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 & Italian Ministry of Universities and Research: Lead Agency Opportunity on Artificial Intelligence #NSF 24-055
Up to $600K

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

Proposal accepted any time

Computer & Information Science & Engineering

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

NOTE: Interested PIs are strongly encouraged to contact a relevant NSF Program Officer to get feedback on the proposed topics before submitting the proposal

The National Science Foundation has issued a series of Dear Colleague Letters encouraging the submission of research and education proposals related to the following topics as Emerging Industries:

Funding Opportunities for Engineering Research in

Biotic Interactions and Agriculture: Plant
#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

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

American English

The National Science Foundation has issued a series of Dear Colleague Letters encouraging the submission of research and education proposals related to the following topics as Emerging Industries:

Funding Opportunities for Engineering Research in

Biotic Interactions and Agriculture: Plant
#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

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

Application Due: Apr. 1 by 11:59 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**

**Applications Open for HMEI Graduate Fellowships and Awards**

Princeton’s High Meadows Environmental Institute (HMEI) is now accepting applications for graduate research fellowships and awards in the areas of climate change, environmental policy, water issues and other pressing environmental topics. Applications are **due by April 1**; Princeton Ph.D. candidates in **all departments** are encouraged to apply.

**NSF’s Spring 2024 Grants Conference to be held June 3 – 5**

The National Science Foundation will host its **Spring 2024 Grants Conference** in Philadelphia on June 3 – 5. This event will be both in-person ($750) and virtual ($50); **registration will open on Wednesday, March 6, at 12:00 p.m.** NSF anticipates that in-person registration will sell out quickly.

**NJEDA to Hold Monthly Office Hours Highlighting Innovation Programs**

To respond to challenges faced by NJ technology and biotechnology companies in raising capital, the New Jersey Economic Development Authority is launching monthly **Innovation Programs Office Hours** to highlight programs offered by the Authority to stimulate the innovation economy. Alternating between in-person and virtual events, these will offer one-on-one sessions with the NJEDA’s Innovation team to discuss programs and networking opportunities with industry stakeholders. Participation in office hours is encouraged for pre-seed, seed, early-stage, and growth-stage startup companies in the technology and life sciences industries, as well as investors seeking opportunities in innovative companies. Programs covered will include direct company investments, such as the Angel Match Program, and investor benefits, such as the Angel Investor Tax Credit Program. For a list of upcoming office hours, and to register for a session, [click here](#).

**Accessing and Using AI Resources in Research and Education**

NSF has issued NSF 24-051, **Request for Information on Researcher and Educator Use Cases for the National Artificial Intelligence Research Resource (NAIRR)**. This Dear Colleague Letter encourages response from the broad U.S. science and engineering research and education community to a Request for Information that is being conducted on behalf of the NAIRR Pilot federal
interagency working group. The goal is to gather current and anticipated research and education use cases for the NAIRR Pilot and to also identify current and anticipated challenges and barriers that researchers and educators may face in accessing and using AI resources and tools for their activities (research proposals are not being invited at this time). Responses should be submitted by 5:00 p.m. on March 8 using the online submission form.

Engineering Research Priorities for Sustainable Material Design, Scale-Up and Recyclability

The Engineering Research Visioning Alliance (ERVA), an NSF-funded initiative, has released a report titled Engineering Materials for a Sustainable Future, which identifies research priorities and underscores the role the engineering research community can and must play to make progress toward a more sustainable economy. The executive summary and full report are available here.

Previously Announced Opportunities
February 8, 2024

Humanities

Office of the Dean for Research: Innovation Fund for New Ideas in the Humanities
Up to $50K

Supports projects that will advance a discipline (through development of new ideas, working groups, conferences, technologies, datasets, and/or expanded access to scholarly resources) and/or through a major piece of scholarly work

Application Due: Mar. 1 via InfoReady Review

Sustainability

Office of the Dean for Research, Andlinger Center for Energy and the Environment, & High Meadows Environmental Institute: Innovation Fund for the Sustainability of Our Planet
Up to $300K

Funds research to discover, develop, and adopt sustainable solutions to mitigate the effects of human activities that degrade and pollute Earth

Application Due: Mar. 1 via InfoReady Review

Natural Sciences, Engineering

Andlinger Center for Energy and the Environment: Maeder Graduate Fellowship in Energy and the Environment
AY24-25 fellowship rate

One-year fellowship for a post-graduates graduate student researching topics related to energy and/or the environment as impacted by energy

Faculty Nomination Due: Apr. 1 (nominations from outside of engineering are encouraged)

Water & the Environment

High Meadows Environmental Institute: Mary and Randall Hack ’69 Graduate Award for Water and the Environment
Up to $10K

Provides dissertation support to graduate students doing research on topics related to water

Application Due: Apr. 1
Encourages collaborations between faculty in the arts and in the natural sciences or engineering to promote synergistic innovations

Application Due: Mar. 1 via InfoReady Review

Books on Architecture & Fine Arts

Art & Archaeology: Barr Ferree Publication Fund
Amount TBD

Supports the publication expense of books of merit on architecture and other topics in the fine arts

Application Due: Apr. 15
Applications accepted annually in Apr. and Nov.

Natural Food Preservatives

Kraft Heinz Company: Natural Food Preservation Ingredients Against Molds and Yeasts
Typically $25K to $100K

Seeking natural ingredients and technologies to replace artificial preservatives in foods to inhibit spoilage microorganisms like molds and yeasts

Proposal Due: Feb. 29

Cancer Research

American Association for Cancer Research & GlaxoSmithKline: ACR Gertrude B. Elion Cancer Research Award
$225K

Supports tenure-eligible assistant professors doing basic, translational, or clinical research on cancer etiology, diagnosis, treatment, or prevention

Mandatory Letter of Intent Due: Mar. 4 by 1:00 p.m.
Invited Application Due: Mar. 10

Treating Pancreatic Cancer

Daiichi Sankyo: Small Molecules and Peptides or Screening System for Pancreatic Ductal Adenocarcinoma (PDAC) Cells
Up to $150K

Seeking novel chemical derivatives to internalize into wide range of PDAC cells selectively via unique mechanism of action, and screening systems to identify their desired chemical products

Proposal Due: Mar. 31

Improving Diet Quality & Nutrition

Robert Wood Johnson Foundation: Healthy Eating Research
Up to $275K

Funds solution-oriented research focusing on policy, systems, and environmental change at national, state, local, and tribal levels to improve health outcomes for families

Mandatory Concept Paper Due: Apr. 3 by 3:00 p.m.
Invited Proposal Due: Jul. 10 by 3:00 p.m.

Cross-Cultural Discourse

American Library in Paris: Visiting Fellowship
$5K stipend

Allows writers, researchers, and artists to pursue a book project or documentary that contributes to cross-cultural discourse, while participating actively in the life of the American Library

Application Due: Apr. 1
NOTE: There is a EUR 30 application fee

Women & Girls in STEM

$50K

Science Outreach category recognizes initiatives that support the participation and retention of girls and women in STEM

Application Due: Apr. 8 by 7:59 p.m.

Award in Book Illustration

Science, Conservation,
J.M. Kaplan Fund: Furthermore Grants in Publishing – Alice Award
$25K
Recognizes a richly illustrated book making a valuable contribution to its field (including fine arts, natural/built environments) and demonstrating high standards of production
Submission Due: Apr. 1
NOTE: Review submission criteria

Awards in Engineering Excellence
National Academy of Engineering: Awards Recognizing Engineering Excellence
Amount varies; $20K to $500K
Various awards honoring lifetime dedication to engineering achievement and commitment to advancing the human condition and/or education
Nominations Due: Apr. 1

Mathematics & Physics
Breakthrough Prize: 2025 New Horizons Prizes in Physics and Mathematics
$100K
Recognizes early-career researchers who have already produced important work in their fields
Nomination Due: Apr. 1 (self-nominations not accepted)

Life Sciences, Mathematics & Physics
Breakthrough Prize: 2025

Bioethics
Greenwall Foundation: Bernard Lo, MD Award in Bioethics
$25K
Recognizes contributions to varying areas in bioethics; 2024 Award will be presented for shaping the public discussion or policy debate about bioethics and equity in healthcare or research
Nomination Due: Mar. 25 by 11:59 p.m. (self-nominations not accepted)

Protein-Protein Interactions
Daiichi Sankyo: Bifunctional Small Molecule Compound Technology that Modulates Protein-Protein Interactions Up to $150K
Seeking bifunctional small molecules to inhibit target protein function through

National Geographic Society: National Geographic Explorer Grants – Level I and Level II
Level I: Up to $20K; Level II: Up to $100K
Funds bold, innovative, transformative projects in science, conservation, storytelling, education, and technology in selected focus areas
Application Due: Apr. 11 by 11:59 p.m. (Level I applicants are encouraged to submit a pre-application first)
Applications accepted in April and October

Neurobiology
Whitehall Foundation: Research Grants and Grants-in-Aid
$30K to $300K
Supports research in invertebrate and vertebrate neurobiology to better understand behavior
Mandatory Letter of Intent Due: Apr. 15 by noon
Invited Application Due: Sep. 1
Three LOI deadlines yearly: Jan. 15, Apr. 15, Oct. 1

Social Sciences
Russell Sage Foundation: Research Grants (Core Programs and Special Initiatives)
$50K to $200K
Supports research projects in various areas of the social sciences
Mandatory Letter of Inquiry Due: Apr. 16 by 2:00 p.m. (new accounts must be created at least 1 week
protein-protein interactions, and a methodology for rationally designing such bifunctional compounds.

Proposal Due: Mar. 31

**Breakthrough Prizes in Fundamental Physics, Life Sciences and Mathematics**

$3M

Awarded to individuals who have made outstanding advances in their field and profound contributions to human knowledge.

Nomination Due: Apr. 1 (self-nominations not accepted)

**Social Sciences**

**Russell Sage Foundation: Selected Timely Issues**

$50K to $200K

Supports social science research on the effects of: social movements; racial, ethnic, or gender bias and discrimination; and 2023 Supreme Court decision on race-conscious affirmative action.

Mandatory Letter of Inquiry Due: Apr. 16 by 2:00 p.m. (new accounts must be created at least 1 week ahead)

Invited Proposal Due: Jul. 22 by 2:00 p.m.

Annual LOI deadlines in Apr., Jul., Nov.

**Agriculture & Food**

**Foundation for Food & Agriculture Research: Seeding Solutions Program**

$300K to $1M; non-federal matching funds required

Develops cross-sector partnerships that support research on animal and crop systems, agricultural system interactions with ecosystems, and bolstering healthy food systems.

Pre-Application Due: Apr. 3 by 5:00 p.m.

Full Application Due: Jul. 31 by 5:00 p.m.

**Responsible Technology**

**National Science Foundation et al.: Responsible Design, Development, and Deployment of Technologies #NSF 24-524**

Phase 1: $75K to $500K (workshops, planning grants, Translational Research Coordination Networks)

Multidisciplinary, multi-sector teams examine and demonstrate principles, methodologies, implementations, and impacts associated with responsible design, development, and deployment of technologies in practice.

Civic–Academic Partnerships to Benefit Communities

**National Science Foundation: Civic Innovation Challenge (CIVIC) #NSF 24-534**

Stage 1 Planning Grants: up to $75K

Projects address community challenges identified by civic-academic partnerships, to achieve concrete impacts; Track A: Climate & environmental instability–building resilient communities; Track B: Bridging gap between essential resources & services and community needs.
**Advanced Rechargeables**

**Circular Use of Long-lived Innovations Research for (ARPA-E): Catalyzing Projects**


- $500K to $5M; cost sharing is required
- Develop innovative solutions that support the creation of a circular electric vehicle (EV) battery supply chain by prolonging battery life and reducing demand for critical minerals

**Sign up to attend Informational Webinars or 1:1 time during Office Hours**

**Solar Power & Photovoltaics**


- $250K or $400K, depending on Topic Area
- Through a streamlined application process, funds seedling R&D projects focusing on innovative and novel ideas in photovoltaics and concentrating solar-thermal power

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

**Circular Electric Vehicle Battery Supply Chain**


- $500K to $5M; cost sharing is required
- Develop innovative solutions that support the creation of a circular electric vehicle (EV) battery supply chain by prolonging battery life and reducing demand for critical minerals

**Genomics**

National Institutes of Health: National Human Genome Research Institute Predoctoral to Postdoctoral Transition Award #PAR-21-143 and NOT-HG-23-004

- Amount varies
- Supports graduate students from diverse backgrounds in transitioning to postdoctoral research positions in various areas of genomics research

**Application Due: Apr. 8 by 5:00 p.m.**

**Predoctoral Training in Scientific Health-Related Fields**

National Institutes of Health: Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship #PA-23-272

- Amount varies; stipend, tuition, fees, institutional allowance
- Enables predoctoral students to obtain mentored research training while conducting dissertation research in scientific health-related fields

**Application Due: Apr. 8 by 5:00 p.m.**

**National Medal of Science**

National Science Foundation: National Medal of Science

- No funds awarded
- The Nation's highest honor recognizing exceptional achievement in the sciences

**Nomination Form and 3 Letters of Support Due: May 3 by 11:59 p.m.**

**Informational Webinar: Mar. 12, 11:00 a.m.-12:00 p.m.; registration required**

**Technology & Innovation**

U.S. Patent and Trademark Office: National Medal of Technology and Innovation

- No funds awarded
- National award recognizing exceptional technological achievement contributing to America’s economic, environmental, and social well-being

**Nomination Form and 6 Letters of Support Due: May 3 by 11:59 p.m.**

**Informational Webinar: Mar. 12, 2:00-3:00 p.m.; recording will be available**

**Research Collaborations in Europe**

National Science Foundation: Research Collaboration Opportunity
Mandatory Concept Paper Due: Mar. 12 by 9:30 a.m.
Invited Application Due: TBD
NOTE: see #DE-FOA-0003324 for a related SBIR/STTR funding opportunity

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Neuroscience: Graduate Students

National Institutes of Health: NIH Blueprint & BRAIN Initiative Diversity
Specialized Predoctoral to Postdoctoral Advancement in Neuroscience Award
#RFA-NS-24-030
Amount varies

Supports mentored research training for advanced graduate students from diverse backgrounds, and facilitates their successful transition to postdoctoral positions

Requested Letter of Intent
Due: Mar. 15 by 5:00 p.m.
Application Due: Apr. 15 by 5:00 p.m.
Additional LOI Due Dates: Sep. & Feb through 2026

Sustainable Technologies for Industry

#DE-FOA-0003219
$500K to $7M; cost sharing required

Aims to accelerate the development and adoption of sustainable technologies that increase efficiency and eliminate industrial greenhouse gas emissions in the hardest-to-decarbonize industrial subsectors

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MD/PhD Dual-Degree Fellowships

National Institutes of Health: Ruth L. Kirschstein National Research Service Award Individual Fellowship for Students at Institutions with NIH-Funded Institutional Predoctoral Dual-Degree Training Programs #PA-23-260
Amount varies; stipend, tuition, fees, institutional allowance

Supports graduate students enrolled in an integrated MD/PhD training program during both graduate research training and clinical training

Application Due: Apr. 8 by 5:00 p.m.
Additional application deadlines: Apr. 8, Aug. 8 and Dec. 8 through Aug. 8, 2025

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Sabbatical Support in the Humanities

National Endowment for the Humanities: Division of Research Programs – Fellowships #20240410-FEL
$30K to $60K

Provides sabbatical support for humanities scholars pursuing research and writing projects

Application Due: Apr. 10 by 11:59 p.m.
Informational Webinar: Feb. 14, 12:30-2:00 p.m.; a recording will be made available

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Mathematical & Statistical Algorithms

National Science Foundation: Social and Behavioral Science of Bias, Prejudice and Discrimination #NSF 24-052
Amount varies by NSF program; often $100K to $500K

Funds research that will expand the breadth and depth of scholarship on the science of bias, prejudice, and discrimination

Proposal due date varies by NSF program
NOTE: Interested PIs are encouraged to discuss their ideas with NSF Program Directors in target programs before preparing a proposal

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Acquisition

Manufacturing Equipment Discrimination #NSF 24-053
Up to $20K in travel expenses; European hosts to cover in-country living expenses

Current NSF grantees may request supplemental funds for research visits to any appropriate European Research Council-funded research group; early-career researchers and those still actively building their careers are strongly encouraged to apply

Requests due at least 3 months prior to proposed visit, but no later than May 17 for consideration using FY24 funds
NOTE: Interested PIs must discuss proposed visit with NSF Program Director managing their award prior to submitting a supplemental funding request

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Social, Behavioral & Natural Sciences

National Science Foundation: Social and Behavioral Science of Bias, Prejudice and Discrimination #NSF 24-052
Amount varies by NSF program; often $100K to $500K

Funds research that will expand the breadth and depth of scholarship on the science of bias, prejudice, and discrimination

Proposal due date varies by NSF program
NOTE: Interested PIs are encouraged to discuss their ideas with NSF Program Directors in target programs before preparing a proposal

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Manufacturing Equipment Acquisition
**Improve Health**

**Small Business Grants to Improve Health**

**National Science Foundation: Enabling Access to the Semiconductor Chip Ecosystem for Design, Fabrication, and Training (Chip Design Hub) #NSF 24-522**

Seeks proposals to establish and manage community infrastructure that provides centralized access and support for IC chip design

Proposal Due: Apr. 4 by 5:00 p.m.

**NOTE: Interested PIs are strongly encouraged to discuss their plans with cognizant Program Officers before developing a proposal**

**Future Manufacturing**

**National Science Foundation: Future Manufacturing #NSF 24-525**

Funds cross-disciplinary research and education to advance new cyber-, eco-, and bio-manufacturing capabilities

Proposal Due: Apr. 11 by 5:00 p.m.

**Future Manufacturing**

**National Science Foundation: Enabling Health**

**Humanities Advancement**

**National Endowment for the Humanities: Digital Humanities Advancement Grants #20240111-HAA**

**Physical & Energy Sciences**

**Department of Energy, Office of Science: Broad Agency Announcement – Financial Assistance Program #DE-FOA-0003177**

Application accepted any time until Sep. 30

**NOTE: Submission of a Pre-Application and discussion with a program manager is strongly encouraged prior to submitting a full application**

**Life Sciences, Environmental Biology**

**National Science Foundation: Leveraging Innovations From Evolution (LIFE) #NSF 24-049**

Typically $100K to $1M or more
National Institutes of Health: Omnibus Solicitation of NIH, CDC, FDA for Small Business Innovation Research Grants (SBIR) #PA-23-230

Up to $306,872 for Phase I Awards

Helps U.S. small businesses develop promising technologies and products that align with the NIH/CDC/FDA missions to improve health and save lives

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

Small Business Grants to Improve Health

National Institutes of Health: Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (STTR) #PA-23-232

Up to $306,872 for Phase I Awards

Fosters technology transfer through cooperative R&D between small businesses and research institutions to improve health and save lives

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

Science-Based Conservation

National Science Foundation & Paul G. Allen Family Foundation: Partnership to Advance Conservation Science and Practice #NSF 24-531

Typically $100K to $1M or more

Supports partnerships between academic researchers and conservation practitioners to advance science-based conservation efforts in the U.S.

Proposal Due: Apr. 24 by 5:00 pm

Informational Webinar:
Feb. 12, 3:00-4:00 p.m.
Next Proposal Due Date: Dec. 19

Sociology

National Science Foundation: Sociology Program #PD 98-1331

Typically $100K to $500K

Funds research on social life; causes and consequences of human behavior; processes of social change; and human social organizations

Proposal accepted any time

NOTE: interested PIs are strongly encouraged to consult with a relevant program officer prior to developing a proposal

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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