Selected Upcoming Funding Opportunities

Energy & Environment

Andlinger Center for Energy and the Environment: Innovative Research in Energy and the Environment
Up to $300K

Supports the development of multi-investigator, interdisciplinary projects that can lead to compelling research center grant proposals.

Requested Email of Intent Due: Sep. 15
Proposal Due: Oct. 6

Soil Health & Climate Change

The Story Exchange: Women in Science Incentive Prize
$5K plus potential media coverage

Recognizes women scientists working to find innovative, science-based solutions as climate change disrupts and depletes natural resources; 2023 topic: soil sustainability

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: Aug. 9 by 1:00 p.m.

Cancer

Hirshberg Foundation for Pancreatic Cancer Research: 2023 Seed Grant Program
$75K (single investigator) or

Cancer Research Institute: CRI Irvington Postdoctoral Fellowships
$228K

Provides knowledge and practical tools to pursue novel research ideas bridging immunology and computational biology.

Application Due: Sep. 1 by 5:00 p.m.
Annual deadlines: Mar. 1 and Sep. 1

Cancer

Cancer Research Institute:
**Open Research Infrastructure**

**Invest in Open Infrastructure: Open Infrastructure Fund**

$5K to $25K

Funds development of open research infrastructure services, to strengthen sustainability and resilience, and increase adoption of open infrastructure underpinning research and knowledge creation

Application Due: Jul. 31 by 7:59 p.m.

**Fellowships**

$228K

Provides postdoctoral fellowships in the broad field of immunology with relevance to solving the cancer problem

Application Due: Sep. 1 by 5:00 p.m.

Annual deadlines: Mar. 1 and Sep. 1

**Chemistry, Chemical Engineering, Materials Science**

**Procter & Gamble: A Solid Foam/Substrate for the Surface Cleaning Application**

$10K to $25K proof-of-concept funding

Supports research to improve the cleaning performance and durability of Mr. Clean Magic Eraser or expand its functionality by tailoring abrasion and absorbency, incorporating cleaning chemistries, and controlling their release during use

Proposal Due: Jul. 31

**Procter & Gamble: Barrier Development for Fiber-Based Packages Containing Liquid Detergents**

$10K to $50K or more

Supports biotech startup companies with high-potential early-stage biomedical innovations

Application Due: Aug. 15

**Mission BioCapital & Eli Lilly and Co.: Mission BioCapital Platinum Program 2023**

Up to $500K, lab bench at Princeton Innovation Center BioLabs in Plainsboro (or elsewhere), mentoring

Application Due: Aug. 15

**Access to Health Data**

**Robert Wood Johnson Foundation: Health Data for Action – Data Access Award**

No-cost access to a selected data set; first-time PIs may also receive up to $100K in funding

Reduces barriers in accessing health-related data by serving as a conduit between data owners and interested researchers to help answer important research questions and inform health policy

Brief Proposal Due: Aug. 18 by 3:00 p.m.

Invited Full Proposal Due: Jan. 12 by 3:00 p.m.

See the Call for Proposals for available data sets

Informational webinar: Jul. 18, 1:00-2:00 p.m.

**Samuel H. Kress Foundation: History of Art Grants**

Typically $10K to $50K

Supports scholarly projects to enhance appreciation and understanding of...
Funds research on inner barrier solutions for fiber-based packages that enable sufficient product protection and shelf life for liquid detergents but remain fully recyclable in the existing paper and cardboard streams.

Proposal Due: Jul. 31

**Chemistry & Materials Science**

**Amcor Limited: Vinyl Chloride- and Styrene-Free Heat Sealable Coating for Food Packaging**

$25K to $100K

Supports development of a food-safe heat seal coating that adheres to aluminum foil even when immersed in boiling water.

Proposal Due: Jul. 31

**Chemical & Mechanical Engineering, Materials Science**

**Amcor Limited: Refillable, Re-Usable and/or Returnable Packaging Concepts and Formats**

$25K to $100K

Funds development of innovative concepts for the refill, re-use, and return system incorporation of plastic packaging.

Proposal Due: Jul. 31

**Materials Science, Chemistry**

**Kraft Heinz: Natural Sweetener Ingredient Technology for Low pH**

$25K to $100K

Seeking natural, food-safe sweeteners stable in low pH systems, or technologies to stabilize stevial glycosides in low pH systems.

**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: Aug. 31

**Material Handling**

**Raymond Corporation: University Research Program**

$100K to $250K

Funds engineering and technical research designed to advance the material handling industry.

Recommended Concept Paper Due: Aug. 31
*Feedback on the Concept Paper will be provided within 30 days*

Proposal Due: Oct. 31
*Next Concept Paper Deadline: Feb. 29*

**Civic Science Fellows**

**Dana Foundation: Civic Science Fellows Program**

Amount varies; covers Fellow’s stipend, benefits, administrative expenses

Host institutions receive funding to support a fellow for 18 months who joins a network of leaders working to advance civic science values.

There are special hosting opportunities available in neuroscience and society and in neurobiology and changing ecosystems.

Application Due: Sep. 1 by 5:00 p.m.

**European works of art and architecture from antiquity to early 1800s**

Mandatory Letter of Inquiry Due: Sep. 1 by 5:00 p.m.
*Annual LOI deadlines: Mar. 1, Sep. 1, Dec. 15*

**Chemical Sciences**

**Arnold and Mabel Beckman Foundation: Postdoctoral Fellowship in Chemical Sciences or Chemical Instrumentation**

$224K; Instrumentation fellowships receive up to an additional $200K

Supports postdoctoral fellowships in selected areas of fundamental chemistry or in development of instrumentation for these fields.

Mandatory Letter of Intent Due: Sep. 6 by 5:00 p.m.
*Invited Application Due: Dec. 12 by 5:00 p.m.*

**Humanities: Residential Fellowships**

**MacDowell: MacDowell Fellowships**

Amount varies; room, board, use of studio are provided; some travel funds, stipend may be available

Residential fellowships for established and emerging artists in architecture, film and video arts, visual arts, interdisciplinary arts, literature, theatre, music composition.

Application Due: Sep. 10 by 11:59 p.m.
*$30 application fee*

**Autism Research**

**Simons Foundation: Simons Foundation Autism Research Initiative (SFARI)**

There are special hosting opportunities available in neuroscience and society and in neurobiology and changing ecosystems.

Application Due: Sep. 1 by 5:00 p.m.
Switching to Biology from Other STEM Fields

**Burroughs Wellcome Fund: Career Awards at the Scientific Interface**
$560K

Bridges advanced postdoc training and the first three years of faculty service in biological sciences for those whose graduate work was in a scientific field other than biology.

Mandatory Letter of Inquiry Due: Sep. 1 by 3:00 p.m.
Invited Proposal Due: Jan. 8 by 3:00 p.m.

Open-Source Ecosystems

**National Science Foundation: Pathways to Enable Open-Source Ecosystems**
#NSF 23-556
Up to $300K (Phase I); up to $1.5M (Phase II)

Funds new managing organizations using open-source development to create technology solutions to important national or societal problems.

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

Neuroscience

**National Institutes of Health: BRAIN Initiative - Transformative Brain Non-invasive Imaging Technology Development**
#RFA-EB-22-003
Amount varies by phase

Supports team-centric development and validation of innovative non-invasive imaging technologies that could transform the study of brain function and connectivity.

Requested Letter of Intent Due: Sep. 13 by 5:00 p.m.
Application Due: Oct. 13 by 5:00 p.m.

Nuclear Energy

**Department of Energy, Office of Nuclear Energy: FY24 Distinguished Early Career Program**
#DE-FOA-0003043
$625K

Provides stable support to innovative early-career faculty in order to drive the next generation of nuclear energy innovation.

Application Due Date: Sep. 7 at 5:00 p.m.

Faculty & Postdoc Fellowships

**Department of State, Bureau of Educational & Cultural Affairs: Fulbright U.S. Scholar Program – Scholar, Distinguished Scholar, & Postdoctoral Awards**
Amount varies

Recipients teach, conduct research and carry out professional projects around the world.
Funds research seeking to understand how circuit activity leads to mental experience and behavior using innovative, methodologically-integrated approaches.

Requested Letter of Intent Due: Sep. 4 by 5:00 p.m.
Proposal Due: Oct. 4 by 5:00 p.m.
Consultation with relevant NIH Scientific/Research staff is strongly recommended by Sep. 4.

Additional Proposal Due Dates: Jun. 28 and Oct. 2, 2024

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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: Sep. 5 by 5:00 p.m.
Annual application deadlines in Jan., May, and Sep.

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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 survivorship, and ways to prevent or mitigate these effects.

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Batteries for Electric Vehicles

Department of Energy, Vehicle Technologies Office: Battery Research and Development Consortium #DE-FOA-0002965

$30M to $60M; cost share required

Funds a consortium (to include manufacturers of electric vehicles and suppliers of battery technology) to manage pre-competitive, vehicle-related R&D in advanced battery technology.

Application Due: Sep. 8 by 5:00 p.m.
A Teaming Partner list is available

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Biomedical, Social, & Behavioral Sciences

National Institutes of Health: NIH Director's Pioneer Award #RFA-RM-23-004
Up to $3.5M

Supports opportunities for exceptionally creative scientists proposing pioneering approaches in biomedical, social science, and behavioral research.

Application Due: Sep. 8 by 5:00 p.m.

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CISE Research Infrastructure

National Science Foundation: Community Infrastructure for Research in Computer and Information Science and Engineering (CIRC) #NSF 23-589

$50K to $5M, depending on award class

Funds new or enhanced research infrastructure to support CISE researchers.

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International Collaborations in Social Sciences & Humanities

Trans-Atlantic Platform for Social Sciences and Humanities (NSF & NEH): Call on Democracy, Governance and Trust
Up to $200K (U.S. portion)

Seeks to understand how democracy, governance, and trust are integral to tackling both short-term crises and long-term challenges and are themselves a focus of the discontent and disruption facing many societies.

Mandatory Notice of Intent to Apply Due: Sep. 15 by 10:59 p.m.
Proposal Due: Nov. 6 by 9:59 p.m.

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Neuroscience

National Institutes of Health: Collaborative Opportunities for Multidisciplinary, Bold, and Innovative Neuroscience (COMBINE) #RFA-NS-23-027
Typically $500K to $1.5M

Supports integrated efforts of 3 to 6 PIs to pursue bold, interdisciplinary research in any area within the scope of the NINDS mission.

Requested Letter of Intent Due: Sep. 20 by 5:00 p.m.
Application Due: Oct. 20 by 5:00 p.m.

It is strongly recommended that potential applicants contact NINDS program staff about mission relevance, research aims, and anticipated budget no later than Aug. 25.

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Biomedical Engineering
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: Sep. 5 by 5:00 p.m.

Additional deadlines: Jan. 2 and May 7

**Q&A Sessions** held almost monthly; next one is Aug. 2 at 1:00 p.m.

The PFI-TT Track 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; if interested, email Mike Hodges in CEFR as soon as possible

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

Proposal Target Date: Sep. 11

Prospective investigators are strongly encouraged to discuss their proposal ideas with the program officers in advance

Cyberinfrastructure

**National Science Foundation: Campus Cyberinfrastructure #NSF 23-526**

Amount varies by program area

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

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

Analyzing the Biomedical Research Enterprise

**National Science Foundation & National Institutes of Health: A Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise #NSF 23-569**

$100K to $1M

Funds scientific analysis of important aspects of the biomedical research enterprise and efforts to foster a diverse, innovative, productive and efficient scientific workforce

Proposal Due: Sep. 8 by 5:00 p.m.

Diversity in Biomedical Research

**National Institutes of Health: Research on Interventions that Promote Negative Health Effects**

Requested Letter of Intent
Due: Sep. 8 by 5:00 p.m.

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

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

Q&A Sessions held almost monthly; next one is Aug. 2 at 1:00 p.m.

**The PFI-TT Track 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; if interested, email Mike Hodges in CEFR as soon as possible**

Seeks to spur and reward development of hands-on lesson plans that introduce the concept of biomedical engineering to students in grades 6-8; winning lesson plans will be made freely available to teachers nationwide

Entry Due: Sep. 30 by 11:59 p.m.

NOTE: Only the first 200 fully-completed entries will be considered

International Science & Engineering

**National Science Foundation & UK Research and Innovation (UKRI): NSF-UKRI/Engineering and Physical Sciences Research Council Lead Agency Opportunity #NSF 23-128**

Amount varies

Promotes collaborative research in engineering, mathematics and physical sciences, computer and information science and engineering by allowing U.S. and UK researchers to submit a single collaborative proposal that will undergo a single review process

Mandatory Expression of Interest Due: at least 3 months before submitting a proposal (program deadlines vary)

Information on NSF-UKRI collaborations for the NSF Directorates of Geosciences, Biological Sciences, and Social, Behavioral and Economic Sciences can be found here.
settings
Requested Letter of Intent
Due: Sep. 5 by 5:00 p.m.
Application Due: Oct. 5 by 5:00 p.m.
Annual application
deadlines: Feb. 5, Jun. 5, Oct. 5

the Careers of Individuals in
the Biomedical Research
Enterprise #PAR-21-269
Up to $1.25M in direct costs
Funds research on
effective, high-impact,
scalable interventions to
enhance diversity in the
biomedical research
workforce
Requested Letter of Intent
Due: Sep. 13 by 5:00 p.m.
Application Due: Oct. 13 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

Summer 2023 Publishing Schedule

During June, July, and August, the Research Funding Announcement will be published every three weeks. The next issue will be released on or around Thursday, August 3.

The Department of Energy has shared information about its Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs for FY 2024, which will make grants to certain small businesses to help them conduct R&D (many other federal agencies offer SBIR/STTR programs as well). Projects must have the potential for commercialization and meet specific DOE mission-specific R&D needs.
Topics for the FY 2024 SBIR/STTR Phase I Release 1 Funding Opportunity have been issued. Topic webinars:

**Webinar 1**: ASCR and BES Topics (1 - 14), Tuesday, July 18, 2:00–3:30 p.m.
**Webinar 2**: BER and FES Topics (16 - 25), Wednesday, July 19, 2:00–3:30 p.m.
**Webinar 3**: HEP and NP Topics (26 - 36), Wednesday, July 26, 2:00–3:30 p.m.

Mandatory PIER Plans (Promoting Inclusive and Equitable Research) are now part of the application.

**Webinar 1**: Friday, July 14, 1:00 p.m.
**Webinar 2**: Thursday, July 27, 3:00 p.m. (these are corrected dates)
**Webinar 3**: Tuesday, August 1, 3:00 p.m.

**Other Important Dates**
- Funding Opportunity Announcement Issued: Monday, August 7
- Webinar on the Funding Opportunity & Application Process: Friday, August 11
- Mandatory Letter of Intent Due Date: Monday, August 28 by 5:00 p.m.
- Application Due Date: Tuesday, October 10 by 11:59 p.m.

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**Enhancing Diversity in Neuroscience**

The NIH Blueprint for Neuroscience Research and BRAIN Initiative Program for Enhancing Neuroscience Diversity through Undergraduate Research Education Experiences intends to issue a Funding Opportunity in August soliciting applications for its research education program for neuroscience-focused undergraduates. The overall objective will be to increase the number of undergraduate participants from diverse backgrounds, including individuals from underrepresented groups who successfully enter and complete Ph.D. degree programs in the neurosciences. To accomplish this goal, this initiative will support the development of collaborative research education partnerships to increase participants' awareness of and interest in the neurosciences, develop participants' scientific knowledge and research skills that would allow them to progress and transition to more advanced neuroscience related research education and training activities, and establish working networks within existing Ph.D. degree granting and NIH-supported predoctoral T32 neuroscience programs. Applications will be due in February; learn more.

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**Previously Announced Opportunities**

**June 22, 2023**

- **Innovation to Benefit Humanity**
  - **Dean for Research: Award for Distinguished Innovation Plaque and Honorarium**
  - Prize recognizing research innovation in any field that has moved beyond Princeton’s campus to benefit humanity
  - Nomination Due: Jul. 31 by midnight
  - *Self-nominations are welcome*

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- **Research on Challenges in Technology**
Health Services Research

National Institute for Health Care Management (NIHCM) Foundation: Research Grants
Amount varies; often $50K or less
Supports innovative health services research to advance knowledge in, and have a positive impact on, health care financing, delivery, management and/or policy

Brief Letter of Inquiry Due: Jun. 30 by 5:00 p.m.

Postdoc Research & Professional Development

Momental Foundation: Mistletoe Research Fellowship
$10K
Provides research funding and professional mentoring to postdocs in most STEM fields and selected fields of qualitative social science

Application Due: Jul. 7 by 11:59 p.m. Pacific Time
Applications must be submitted through ORPA
Mandatory in-person workshop in California, Nov. 3-6

Computing & Technology Impacting Marginalized Groups

Google Research: Award for Inclusion Research Program
Up to $60K
Supports research by faculty whose work in computing and

Life Sciences

Alkermes Inc.: Investigator Sponsored Studies
Up to $300K
Supports research in areas of company interest: addiction, serious mental illness, neurodegenerative disorders, and cancer

Concept Submission Due: Aug. 31

Sustainability

Development2030 and
technology helps address the needs of historically marginalized groups

Application Due: Jul. 13 by 11:59 p.m. UTC-12 (Jul. 14 by 7:59 a.m. EDT)

Artistic Residencies

Loghaven: Artist Residency Program (Knoxville, TN)
Room & board, studio space, $1,700 stipend, some support for travel & materials shipping

Two-week session in July 2024 for faculty artists in certain artistic disciplines, as well as architecture and writing

Application Due: Jul. 15 by midnight

Advances in Cryo-CLEM

Chan Zuckerberg Institute: Cryo-CLEM Labels
Up to $165K

Funds collaborative research projects to accelerate the development of labeling probes for cryo-correlative light and electron microscopy

Application Due: Jul. 20 by 8:00 p.m.

Life Science Startups

Otsuka Pharmaceutical Company: 2023 Golden Ticket Contest
1-year membership plus access to fully-equipped lab space at Princeton Innovation Center BioLabs in Plainsboro

Supports a life science startup working on novel platform technologies for discovery of novel targets, improved drug discovery, tissue tropism, delivery of large molecules, or new Equity

Robert Wood Johnson Foundation: Effects of State Preemption Policies on Racial Justice and Health Equity
Typically $30K to $450K

Funds research that explores the impact of state preemption policies on racial justice and health equity, as well as effective responses

Mandatory Letter of Intent Due: Aug. 10 by 3:00 p.m. Proposal Due: Dec. 22 by 3:00 p.m. Informational webinar: Jul. 5, 1:00-2:30 p.m.

Data Science in Marketing

Adobe Research: Data Science Research Awards
Up to $50K

Promotes the understanding and use of data science in the area of marketing, especially relative to Adobe Experience Cloud

Proposal Due: Aug. 11

Cancer

Damon Runyon Cancer Research Foundation: Postdoctoral Research Fellowships
$260K

Funds postdoctoral fellowships into the causes and mechanisms of cancer and its treatment and prevention

Application Due: Aug. 15 by 4:00 p.m. Applications accepted in Mar. and Aug.

Life's Big Questions

John Templeton

DirectAid: Sustainable Initiative of the Year Award
Prize is unknown

Nomination Due: Aug. 31

Climate Change & Health

Burroughs Wellcome Fund: Climate and Health Interdisciplinary Award
$375K

Funds collaborative, exploratory, interdisciplinary work to thoroughly assess or mitigate the impacts of climate change on human health

Mandatory Pre-Proposal Due: Aug. 31 by 3:00 p.m. Invited Proposal Due: Nov. 1 by 3:00 p.m.

Green Hydrogen

Merck KGaA, Darmstadt, Germany: Research Grants Program
Up to 200,000 euros

Provides grants to stimulate innovative research in challenging areas of future importance to the company; 2023 focus: Green Hydrogen

Application Due: Aug. 31 by 5:59 p.m.

Economics, Math, Science

Alfred P. Sloan Foundation: Sloan Research Fellowships
$75K

Recognizes outstanding early-career faculty with potential to revolutionize economics, mathematics, or selected fields in the sciences

Nomination Due: Sep. 15
pharmaceutical-based therapeutic interventions

Application and Pitch Deck Due: Jul. 21 by 11:59 p.m.
Finalists to give presentation on Sep. 14

Bioethics

Greenwall Foundation: Bridging Bioethics Research & Policymaking
Up to $50K

Supports bioethics researchers, policymakers and others to bridge the divide between research results and policymaking

Application Due: Jul. 24 by 11:59 p.m.

Nuclear Research

Department of Energy: FY24 Phase II Continuation Consolidated Innovative Nuclear Research #DE-FOA-0003039
Up to two-thirds of Phase I project award amount; typically $300K to $1M

Supports Phase II continuation applications to conduct nuclear energy-related research that complements and enhances ongoing NEUP research

Mandatory Letter of Intent: Due Jul. 12 by 5:00 p.m.
Application Due: Nov. 14 by 5:00 p.m.

Small Company R&D: Food & Agriculture

New Jersey Commission on Science, Innovation and Mathematics

National Science Foundation: Research Training Groups in the Mathematical Sciences #NSF 23-579
Up to $2.5M

Supports research groups in mathematical sciences involving undergrads, grad students, and postdocs to improve their training

Proposal Due: Aug. 8 by 5:00 p.m.
Deadline moved from Jun. to Aug. when updated RFP was issued

Disaster Resilience

National Science Foundation & Japan Science and Technology Agency: Joint Proposals to Advance Human-Centered Data for Disaster Resilience Research #NSF 23-089
Up to $500K (U.S. portion)

Funds new data and data-driven research centered on human dimensions of disaster resilience to support improved policies and practices for risk reduction

Proposal Due: Aug. 18 by 5:00 p.m.

Decision Making

National Science Foundation: Decision, Risk and Management Sciences #PD 23-1321
Amount varies

Supports research that increases understanding of how individuals, organizations and societies make decisions
Regional Hub Funding (AFRL): AFRL Mid-Atlantic Force Research Laboratory

Department of Defense, Air Commercialization

Towards Advancing Research

Round 2

Seed Grant Program – Technology: Catalyst R&D Science, Innovation and New Jersey Commission on Product Development

Small Company R&D:

New Jersey Commission on Science, Innovation and Technology: Catalyst R&D Seed Grant Program – Round 2

Up to $150K

Boosts NJ’s innovative economy by providing financial grants to early-stage innovation-based companies to transform new discoveries from research-stage into commercially viable products and services

Application Due: Jul. 14 by 5:00 p.m.

Advancing Research Towards Commercialization

Department of Defense, Air Force Research Laboratory (AFRL): AFRL Mid-Atlantic Regional Hub Funding Program

$50K to $250K, based on project Phase

Funds collaborative research with commercial potential; summer 2023 focus: quantifying performance in extreme environments; complex systems modeling; edge computing

Proposal Due: Jul. 14 by 5:00 p.m.

Technology in Pre-K–12 STEM

National Science Foundation: Innovative Technology Experiences for Students and Teachers (ITEST) #NSF 22-585

Amount varies by project type: $100K to $5M

Advances the equitable, inclusive integration of technology in the learning and teaching of STEM disciplines from pre-K through high school

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

Neuroscience

National Institutes of Health: BRAIN Initiative – Theories, Models and Methods for Analysis of Complex Data from the Brain #RFA-DA-23-039

Usually $450K to $750K in direct costs

Develops theories, computational models, and analytical tools to derive understanding of brain function from complex neuroscience data

Requested Letter of Intent Due: Aug. 12 by 5:00 p.m. Application Due: Sep. 12 by 5:00 p.m.

Neuroscience

National Science Foundation: Cognitive Neuroscience #PD 15-1699

Supports early-stage, innovation-based companies focused on developing technology and other solutions to address food insecurity in NJ

Application Due: Jul. 14 by 5:00 p.m.

Technology: Food and Agriculture R&D Pilot Seed Grant Program

Up to $75K

Proposals accepted annually on Jan. 18 and Aug. 18

Nuclear Research & Training

Department of Energy, Office of Nuclear Energy: FY24 Scientific Infrastructure Support for Consolidated Innovative Nuclear Research #DE-FOA-0003040

Up to $5M; matching funds sometimes required

Upgrading and improving university nuclear research, instruction, and training facilities, equipment, and capabilities

Application Due Date: Aug. 24 by 5:00 p.m.

Wave Energy Technologies

Department of Energy, Office of Nuclear Energy: Innovating Distributed Embedded Energy Prize (InDEEP)

Phase I: up to $15K; Phase II: up to $50K; Phase III: up to $250K

Multidisciplinary teams design and complete proof-of-concept testing of distributed embedded energy conversion technologies (DEEC-Tec) applicable to wave energy conversion

Phase I (Team Building/Engagement; Concept Creation) Submission Due: Aug. 25

Social, Behavioral & Economic Sciences

National Science Foundation: Methodology, Measurement, and Statistics #NSF 19-575

Additional deadlines: Dec. 8, 2023; Apr. 8, 2024

Up to $50K to $250K, based on project Phase

Proposal Due: Aug. 14 by 5:00 p.m. (Target Date)
Climate Change (Science & Humanities)

National Science Foundation, National Endowment for the Humanities, & Canada’s New Frontiers in Research Fund: 2023 International Joint Initiative for Research on Climate Change Adaptation and Mitigation Competition #NSF 23-116
Up to $700K

Partnering with vulnerable communities, international, interdisciplinary research teams tackle global challenges caused by climate change

Expression of Interest Due: Jul. 15 by 5:00 p.m. (recommended) Proposal Due: Sep. 12 by 5:00 p.m.

Energy Technologies

Up to $20M

Supports scale-up and pre-pilot projects of promising early-stage transformational energy technologies that ARPA-E has previously funded

Mandatory Concept Paper Due: Jul. 21 by 9:30 a.m. Application Due: Oct. 13 by 9:30 a.m.

Entrepreneurship & Technology Development

National Institutes of Health: Small Business

Average of $525K
Supports research to increase understanding of the neural mechanisms of human cognition, including attention, learning, memory, decision making, language, social cognition and emotions
Proposal Due: Aug. 14 by 5:00 p.m. Offered mid-Feb. and mid-Aug., annually

Information Science, Cyberinfrastructure & Computing

National Science Foundation & Department of Science and Technology (DST) of India: Collaborative Research Opportunities #NSF 23-114
Amount varies, depending on program area
Funds bilateral scientific cooperation in computing, communications, and information science and engineering, advanced cyberinfrastructure, secure and trustworthy computing, and cyber-physical systems
Target Date for Applications: Aug. 15 by 5:00 p.m. Next Target Date is Dec. 15
Informational webinar: Jul. 11, 11 a.m. – 12 p.m.

Geography & Society

National Science Foundation: Human-Environment and Geographical Sciences Program #NSF 21-623
Amount varies by funding category
Supports projects on the nature, causes and/or consequences of the spatial distribution of human activity and/or environmental processes

Geography & Society

National Science Foundation: Human-Environment and Geographical Sciences Program #NSF 21-623
Amount varies by funding category
Supports projects on the nature, causes and/or consequences of the spatial distribution of human activity and/or environmental processes

Science & Health

National Institutes of Health: NIH Director’s Transformative Research Award #RFA-RM-23-006
Amount varies
Supports exceptionally creative or unconventional research in all topic areas relevant to NIH with the potential for significant impact on scientific paradigms
Application Due: Sep. 1 by 5:00 p.m. Informational Webinar: Jun. 27, 2:00–3:30 p.m.

Solar Energy Equipment

Department of Energy, Solar Energy Technologies Office: American-Made Heliostat Prize
Phase 1: $100K; up to $580K across all three Phases
Multidisciplinary teams compete to reduce the cost and improve the performance and reliability of heliostats
Phase 1 (Team Creation; Concept Creation) Submission Due: Aug. 31
NOTE: Only for-profit business entities can compete beyond Phase 1

Modeling Impacts & Risks of Climate Change
Supports postdoctoral scientists in transitioning to entrepreneurship while also supporting tech transfer from academic laboratories into small businesses

Requested Letter of Intent Due: Jul. 21 by 5:00 p.m. Application Due: Aug. 21 by 5:00 p.m.

Offshore Wind Industry


$50K to $500K; cost share is required

Supports research projects on understanding site conditions, modeling dynamic loading on turbines, and reducing human exposure to hazards

Proposal Due: Jul. 24 by 11:59 p.m. Central Time

Note: Free institutional membership in the OESI consortium is required of lead applicants

Digitizing Historical Records

National Historical Publications & Records Commission: Publishing Historical Records in Collaborative Digital Editions #EDITIONS-202311

Up to $125K; cost sharing required

Collaborative teams provide digital access to, and editorial context for, the historical documents and records that tell the American story

Recommended Draft Proposal Due: Aug. 15 (mandatory for new applicants)

Final Proposal Due: Nov. 2


Before beginning the process, first-time applicants should contact the program to discuss their project

Public Engagement with Historical Records

National Historical Publications & Records Commission: Public Engagement with Historical Records #Engagement-202311

$50K to $150K; cost sharing required

Funds collaborative projects that will engage the public in the study and use of historical records for institutional, educational, or personal reasons

Recommended Draft Proposal Due: Aug. 15

Final Proposal Due: Nov. 2

Before beginning the process, applicants should contact the program director to discuss their project

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-23-003

Usually up to $295,924 for Phase I, but up to $500K for certain topics

Funds efforts by small businesses to develop a product, process or service for commercialization to address health disparities

Proposal Due: Aug. 15 by 5:00 p.m.

Digitizing Historical Records

National Historical Publications & Records Commission: Publishing Historical Records in Collaborative Digital Editions #EDITIONS-202311

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Solar Energy


Up to $700K in cash plus $150K in technical support vouchers over three Contests

Competition spurs innovations in U.S. solar hardware and software technologies and addresses challenges to rapid, equitable solar energy deployment

Submission Deadline: Sep. 27 by 5:00 p.m.

Informational webinar: Jul. 7, noon

Earth & Space Sciences

National Aeronautics and Space Administration: Research Opportunities in
improve minority health and/or reduce health disparities

Requested Letter of Intent
Due: Aug. 6 by 5:00 p.m.
Application Due: Sep. 6 by 5:00 p.m.

Fossil Energy & Carbon Management

Department of Energy: University Training and Research for Fossil Energy and Carbon Management #DE-FOA-0003002
Amount varies by Area of Interest

Educate and train the next generation of engineers and scientists through early-stage decarbonization and net-zero GHG emission technology R&D projects that support FECM program goals

Application Due: Aug. 7 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-21-051
Amount varies

Enables predoctoral students to obtain mentored research training while conducting dissertation research in scientific health-related fields

Application Due: Aug. 8 by 5:00 p.m.

Archiving Historical Records

National Historical Publications & Records Commission: Archival Projects #ARCHIVAL-20231
Up to $150K; cost sharing required

Supports archival projects that will significantly improve online public discovery and use of historical records collections

Recommended Draft Proposal Due: Aug. 15
Final Proposal Due: Nov. 2

Battery Recycling

$500K to $10M, depending on topic area

Targets developing recycling programs for batteries from consumer electronics to help immediately support a domestic battery supply chain

Mandatory Concept Paper
Due: Aug. 17 by 5:00 p.m.
Application Due: Nov. 29 by 5:00 p.m.
Teaming Partner List available

Space and Earth Sciences (ROSES-2023) #NNH23ZDA001N
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(s) Due: dates vary by topic area

Do you know of an upcoming funding opportunity to share with your Princeton colleagues?
Please email it to cefr_funding@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!
Need to join or **UNSUBSCRIBE** from this list?
The easiest and quickest way is to email our team at cefr_funding@princeton.edu or reach out directly to Cburrus@princeton.edu.