Research Funding Announcement
March 9, 2023

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

Selected Upcoming Funding Opportunities

Sustainability

Dean for Research: 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

Proposal Due: Apr. 10

Life Sciences

Brain & Behavior Research Foundation: BBRF Young Investigator Grant
$35K to $70K

Supports advanced postdocs and early-career faculty pursuing research careers in neuroscience and psychiatric disorders

Application Due: Mar. 31

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: Apr. 29
Additional submission date: Aug. 31

Lesbian, Gay, Bisexual, Transgender Issues

Ethics and Values

University Center for Human Values: Co-Sponsored Conferences and Workshops
Up to $10K, but typically $500-$2K

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

Requests Accepted Anytime

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 3 by 3:00 p.m.
Annual deadlines in Jan., May, and Aug.
by 11:59 p.m.

Arts & Humanities

Martin House: Creative Residency Program
$5K stipend

Allows artists and researchers from multiple disciplines to produce work inspired by Frank Lloyd Wright and the Martin House, and present them to the community

Application Due: Mar. 31
Two to four-week residency in Buffalo, NY

Art History

Terra Foundation: Convening Grants
Usually $10K to $25K

Supports convenings addressing current and historical inequities in the presentations and understandings of American art history

Letter of Inquiry Due: Apr. 3

Climate Resilience Solutions

Verizon, GreenBiz Group, & Resilient Cities Network:
Verizon Climate Resilience Prize
$125K + organizational development support

Recognizes and propels innovative climate resilience solutions leveraging 5G-enabled technologies, with demonstrated real-world results focused on climate-related impacts to vulnerable U.S. populations

Submissions Due: Apr. 23

American Psychological Foundation: Wayne F. Placek Grants
$15K

Supports empirical research from all fields of the behavioral and social sciences on any topic related to lesbian, gay, bisexual, or transgender issues

Proposal Due: May 1

Sustainable Waste Management

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

Supports research to improve sustainable management of solid waste

Mandatory Preproposal Due: May 1 by 5:00 p.m.
Topic Approval Request (if required) Due: Apr. 3 by 5:00 p.m.
Annual Preproposal deadlines: May 1, Dec 1

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 3 by 5:00 p.m.

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 3 by 3:00 p.m.
Annual deadlines in Jan., May, and Aug.

Autism Spectrum Disorders

Simons Foundation: Simons Foundation Autism Research Initiative (SFARI) – Human Cognitive and Behavioral Science
Up to $500K, up to $900K, or up to $750K per lab, depending on funding track

Supports research that produces foundational knowledge about the neurobehavioral differences associated with autism spectrum disorders

Application Due: May 4 by noon
Geosciences

National Science Foundation: Novel Approaches to Critical Minerals Research in the Geosciences #NSF 23-057
Amount Varies

Supports fundamental research to facilitate discovery, characterization, extraction, and separation of essential metals and rare earth elements critical to a clean-energy future.

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

Bioethics

National Institutes of Health: Research on Bioethical Issues Related to Bionic and Robotic Device Development and Translation #RFA-EB-23-001
Up to $275K in direct costs

Funds research on ethical questions associated with all stages of the design, testing, and/or implementation of bionic and robotic devices.

Application Due: Apr. 21 by 5:00 p.m.

Climate Change and Clean Energy

National Science Foundation: Global Centers – Use-Inspired Research Addressing Global Challenges in Climate Change and Clean Energy #NSF 23-557
For U.S. portion – Track 1: Up to $5M; Track 2: Up to $250K

Supports international, interdisciplinary collaborative research in climate change and clean energy that will lead to foreseeable benefits to society.

Proposal Due: May 10 by 5:00 p.m.

From Lab to Marketplace

National Science Foundation: Partnerships for Innovation – Technology Translation Track (PFI-TT) #NSF 23-538
Up to $550K

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

Proposal Due: May 2 by 5:00 p.m.
Additional deadlines: Sep. 5 and Jan. 2

Neuroscience

National Institutes of Health: BRAIN Initiative – Development and Validation of Novel Tools to Probe Cell-Specific and Circuit-Specific Processes in the Brain #RFA-MH-21-175
Amount Varies

Supports development of next-generation, innovative technologies to define and target specific cell types in the brain.

Requested Letter of Intent Due: May 7 by 5:00 p.m.
Application Due: Jun. 7 by 5:00 p.m.

Technology for Nervous System Disorders

New Jersey Alliance for Clinical and Translational Science: NJ ACTS TL1 Predoctoral and Postdoctoral Fellowships (Princeton University-specific instructions)
Amount Varies

Provides a broad introduction to clinical and translational research alongside a Fellow’s current pre- or postdoctoral research program.

Mandatory Pre-Proposal Due: Mar. 16 by 11:59 p.m.

Additional deadlines: Sep. 5 by 5:00 p.m.
Final Applications Due: Apr. 14 by 5:00 p.m.

IMPORTANT: Follow instructions specific to Princeton University applicants.

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Application Due: Jun. 7 by 5:00 p.m.
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; spring 2023 focus: quantifying performance in extreme environments; complex systems modeling; edge computing

Proposal Due: Mar. 31 by 5:00 p.m.

Proposals accepted every fall, spring, and summer

Solid Waste Recycling

NJ Department of Environmental Protection: Recycling Enhancement Act Research Grant Program
Amount Varies

Funds recycling demonstration, research, and education projects; see Grant Application, Section B, for current topics of interest

Application Due: Mar. 31 by 4:00 p.m.

Climate and Health

National Institutes of Health: Exploratory Grants for Climate Change and Health Research Center Development #RFA-ES-23-007
Up to $2.55M in direct costs

Develops a transdisciplinary research environment to examine impacts of climate change on health and develop action-oriented strategies that protect health and community

Q&A Sessions held almost monthly; next one is Apr. 4 at 1:00 p.m.
The Research Partnerships Track (RFT-TT) is Open Call. The Research Partnerships Track (RFT-RP; up to $1M) is Limited Submission – Princeton may submit only one RFT-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 settings

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

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

Archaeology: Dissertation Research

National Science Foundation: Archaeology Program – Doctoral Dissertation Research Improvement Awards #NSF 23-531
Up to $25K in direct costs

Provides support to enhance and improve doctoral dissertation projects in anthropologically-significant archaeology

Proposals Accepted Anytime

Biological Anthropology and Archaeology

National Science Foundation: High-Risk Research in Biological Anthropology and Archaeology #NSF 19-570
Up to $35K in total costs

Supports pilot projects for proof of concept or proof of access where research outcomes are at risk for various reasons

Proposals Accepted Anytime
Requested Letter of Intent
Due: Apr. 1 by 5:00 p.m.
Application Due: May 1 by 5:00 p.m.
Additional LOI Due Date: Oct. 7

Your Princeton Team

The Corporate Engagement and Foundations Relations team is available to assist faculty with proposal development and submission.

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

Mark your calendar; Princeton Research Day is May 11
Princeton’s annual celebration of research and creative endeavors provides an opportunity for undergraduates, graduate students, postdocs and other early-career researchers and scholars from all areas of study to showcase their research, scholarly, and creative work with audiences outside their fields. The portal for video submissions opens Mar. 30. Learn more and register to attend. Princeton Research Day is free and open to the public.

National Medal of Science

Interested in nominating someone for the highest recognition the U.S. bestows on scientists and engineers? The National Science Foundation, which handles nominations for this award, is holding an informational webinar on March 21 from 3:00-4:00 p.m. to provide tips
U.S.–Israel Scientific Research Collaborations

The United States-Israel Binational Science Foundation (BSF) and NSF cooperate in jointly funding collaborative U.S.-Israeli scientific research. BSF has joint programs with all of the NSF grant making directorates and in each, with all or most divisions. A list of active NSF-BSF funding programs and their submission deadlines can be found here; additional information about NSF-BSF Research Grants is available here.

Previously Announced Opportunities
February 24, 2023

Scientific Research Equipment

Provost and Dean for Research: Transformative Equipment Initiative
$500K or more; a contribution from the dept/center is expected

Replaces equipment in shared facilities, or purchases transformative equipment for departments, units or faculty, in response to new research opportunities or new technologies

Proposal Due: Mar. 31

Teaching in Humanistic Studies

Humanities Council: Behrman Professors in the Humanities
Amount TBD

Behrman Professors are tenured Princeton faculty who are appointed for a three-year term to teach in the Program in Humanistic Studies

Application Due: Apr. 6
Position to begin in AY 2025-26

Water & the Environment

High Meadows Environmental Institute:

Books on Architecture & Fine Arts

Art & Archaeology: Barr Ferree Publication Fund
Climate & Energy

High Meadows Environmental Institute: Climate and Energy Challenge
Up to $150K

Supports research, teaching, and mentorship focused on multidisciplinary aspects of climate change and other environmental consequences of energy production

Proposal Due: Mar. 27

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
There will be a Q&A Session on Mar. 10

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.

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Industry & Foundation

AI for Sustainable Development

Google.org: AI for the Global Goals
Usually $500K to $2M through a combination of funding, products, and technical expertise

Funds projects that use artificial intelligence to accelerate progress against the UN’s Sustainable Development Goals

Application Due: Mar. 17 by 11:59 p.m. PST (reviewed on a rolling basis until then)

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 submission criteria

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
Three deadlines yearly:
Jan. 15, Apr. 15, Oct. 1

Awards in Engineering Excellence

National Academy of Engineering: Awards Recognizing Engineering Excellence
Amount Varies

Various awards honoring lifetime dedication to engineering achievement and commitment to advancing the human condition and/or education

Nominations Due: Apr. 1

Nokia Bell Labs: Bell Labs Prize
1st prize: $100K; 2nd prize: $50K; 3rd prize: $25K

Annual competition to advance innovation in information and communications technologies

Proposal Due: Apr. 21

Innovation in Climate Change, Heritage Conservation, Social Justice

Robert Wood Johnson

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Innovations in K-12 Education

Digital Promise, with NSF, Schmidt Futures, Gates & Walton Family Foundations: Visionary Interdisciplinary Teams Advancing Learning (VITAL) Prize Challenge
Up to $250K in prizes, and over $70K in seed funding and commercialization support through three competitive rounds of

Nominations Due: Apr. 1

Improving Diet Quality & Nutrition

Robert Wood Johnson

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J.M. Kaplan Fund: J.M.K.
Small teams explore very early-stage concepts and ideas based on innovative uses of technology and research, to develop innovations for K-12 learning.

Application Due: Mar. 19
For early review, submit by Mar. 12

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**Green Energy for Africa**

**Milkin Institute: Milken-Motsepe Prize in Green Energy**
Grand prize: $1M; $1M in additional prize money throughout competition

Rewards innovators who design distributed energy resources that enable wider access to electricity from green sources in Africa.

Design Round Submission Due: Mar. 29 by 6:00 p.m. UTC (2:00 p.m. EDT)
Registration provides access to additional information and resources

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**Early-Career Prize for Women Mathematicians**

**Breakthrough Prize: 2024 Maryam Mirzakhani New Frontiers Prizes**
$50K

Presented to early-career women mathematicians who have completed their PhDs within the previous two years

Nomination Due: Apr. 1

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**Science, Conservation, Education & Technology**

**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. 12 by 11:59 p.m.
Applications accepted in April and October

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**Field Research on Animal Behavior**

**Innovation Prize**
$175K

Funds transformative, early-stage projects within and across the fields of social justice, the environment, and heritage conservation.

1st Round Application Due: Apr. 28
Informational webinar: Mar. 28, 1:00 p.m.
Prize is offered in odd-numbered years

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**Cancer Research**

**Elsa U. Pardee Foundation: Support for Innovative Cancer Research**
Amount TBD; usually $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

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**Internet & Connectivity**

**Comcast Corporation: Comcast Innovation Fund**
$3K to $150K

Supports Internet technology R&D and open source Internet software development; see website for Areas of Interest for 2023

Application Accepted Anytime

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**Impacts on Health Equity**

**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

Application Due: Apr. 12 by 11:59 p.m.
Applications accepted in April and October
researchers who have already produced important work in their fields

Nomination Due: Apr. 1

Prize for Outstanding Contributions in Life Sciences, Math, or Physics

Breakthrough Prize: 2024 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: April 1

Digital Humanities

National Endowment for the Humanities: Digital Humanities Advancement Grants #20230112-HAA

Level I: up to $75K; Level II: up to $150K; Level III: up to $350K plus an additional $50K in federal matching funds

Funds digital projects by faculty in any area of the humanities

Optional Draft Due for Review: Apr. 17 by 11:59 p.m.
Full Application Due: Jun.15

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 3-5 Letters of Support Due: May 26 by 11:59 p.m.

Aging Research

National Institutes of Health: Interorgan Communication in Aging #RFA-AG-24-005
Up to $400K in direct costs

Supports research that examines the molecular mechanisms and consequences of age-related alterations in interorgan communication

Requested Letter of Intent Due: Apr. 1 by 5:00 p.m.

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

Nomination Due: Apr. 1

National Geographic Society & Templeton World Charity Foundation: Field Research on Animal Behavior and Cognition
Up to $800K in direct costs, up to $15% indirect, and additional resources and services; potential extension for additional six years

Supports individuals doing fieldwork with the potential to develop into a high-value, long-term research program

Application Due: Apr. 12 by 11:59 p.m.

Small Business Grants to Improve Health

National Institutes of Health: Omnibus Solicitation of NIH, CDC, FDA for Small Business Innovation Research Grants #PA-22-176
Up to $276K for Phase I

Cultivates a broad coalition of researchers

include: Future of Evidence; Future of Social Interaction; Future of Food; Future of Work

Application Accepted Anytime

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Seminars

National Science Foundation & Intel, Ericsson, IBM, Samsung: Future of Semiconductors – Co-Design Research and Education Grants #NSF 23-552
Up to $2M

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

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Genomics Research: Dissertation to Postdoc Position

National Institutes of Health: National Human Genome Research Institute Predoctoral to Postdoctoral Transition Award #PAR-21-143 & 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.

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

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: Apr. 8 by 5:00 p.m.

Social Science Research on Japan

National Endowment for the Humanities & Japan-United States Friendship Commission: Fellowships for Advanced Social Science Research on Japan #20230426-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. 26 by 11:59 p.m.

Information Session: Mar. 8, 2:00-3:00 p.m.

Advanced Japanese language skills are required

Understanding Complex Living Systems

National Science Foundation: Division of Molecular and Cellular Biosciences Core Programs #NSF 23-548

Amount Varies

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

Proposal Accepted Anytime

Smart Communities

National Science Foundation: Smart and Connected Communities #NSF 22-529

Track 1: $1.5M to $2.5M;

Track 2: up to $1.5M;

Planning Grants: up to $150K

Supports integrative research addressing technological and social science dimensions of smart and connected communities

Proposal Accepted Anytime
**Human Behavior & Epidemiological Models**

**National Science Foundation: Incorporating Human Behavior in Epidemiological Models #NSF 23-546**

Up to $1M

Funds interdisciplinary collaborations that integrate research on behavioral and/or social processes into mathematical epidemiological models

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

Additional deadline: Aug. 8 by 5:00 p.m.

Proposal Accepted Anytime until Apr. 1, 2024 by 5:00 p.m.

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!

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Princeton University I Corporate Engagement & Foundation Relations

**Contact Us**

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**.