Research Funding Announcement  
November 2, 2023

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

Selected Upcoming Funding Opportunities

Transformative Research Technology

Office of the Dean for Research: Eric and Wendy Schmidt Transformative Technology Fund
Typically $500K to $1M

Funds the invention, development, and utilization of cutting-edge technology with the capacity to transform research in the natural sciences and engineering

Proposal Due: Nov. 17 by 5:00 p.m.

Quantitative Social Sciences

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

Funds projects at the forefront of quantitative social science research

Application Due: Nov. 20
Applications accepted in the fall and spring
Applications are reviewed monthly (Oct. to May) for Small Scale Grants of up to $5K

Biodiversity

High Meadows Environmental Institute: Thomas A. and Currie C. Barron Family Biodiversity Research Challenge Fund (Biodiversity Challenge)
Up to $200K

Supports interdisciplinary research, teaching and mentorship in the field of biodiversity

Proposal Due: Nov. 27

Innovation in Education

School of Public and International Affairs: Overdeck Education Innovation Fund
Up to $10K

Supports creative, interdisciplinary programs, and faculty and student research projects, that address important issues in K-9 education

Letter of Intent accepted anytime

Issues Associated with Autism Research
Gun Violence Research

Kaiser Permanente Center for Gun Violence Research & Education: Spring 2024 Funding Opportunity

Category 3: up to $600K

Category 3 grants advance publishable research that will shift and inform how the field understands and approaches gun violence prevention and intervention.

Mandatory Letter of Intent Due: Nov. 14 by noon
Invited Proposal Due: TBD

Dissertation Research in Social Sciences

Horowitz Foundation for Social Policy: Policy Research by Emerging Scholars in the Social Sciences

$10K

Supports dissertation research projects with a social policy application that address contemporary issues in the social sciences.

Application & 2 Letters of Recommendation Due: Dec. 1 by 11:59 p.m.

Neurobiological & Behavioral Research

Brain & Behavior Research Foundation: Distinguished Investigator Grants

Up to $100K

Supports established scientists pursuing neurobiological and behavioral research that...

Application & Letters of Recommendation Due: Dec. 31 by 11:59 p.m.

Critical Minerals & Metals

Alfred P. Sloan Foundation: Interdisciplinary Social and Natural Science Research Projects on Critical Minerals and Metals in the U.S.

$500K to $750K

Advances collaborative scholarship led by early- and mid-career scholars that focuses on underexplored empirical research questions related to critical minerals and metals.

Letter of Inquiry Due: Dec. 18 by 5:00 p.m.

Research on Aging

American Federation for Aging Research: Sagol Network GerOmic Award for Junior Faculty

Up to $150K

Supports junior faculty conducting –omics research focused on aging and/or age-related disease research in particular.

Mandatory Letter of Inquiry Due: Dec. 18
Invited Application Due: late Apr (date TBD)

Mathematics & Computer Science

IBM Research: Herman Goldstine Memorial Postdoctoral Fellowship in Mathematical and Computer Sciences

Amount varies

Provides outstanding young scientists the opportunity to advance their scholarship as resident department members at an IBM Research lab.

Application & Letters of Recommendation Due: Dec. 31 by 11:59 p.m.

Simons Foundation: Autism Research Initiative (SFARI) – Bridge to Independence Award Program

$790K

Engages postdocs in autism research by facilitating their transition to research independence and providing grant funding as new faculty.

Letter of Intent & Recommendations Due: Jan. 10 by noon

Translational Stem Cell Research

New York Stem Cell Foundation: NYSCF-Druckenmiller Postdoctoral Fellowships

$64,900 to $189,700

Trains and supports postdoctoral fellows in the pursuit of innovative and groundbreaking stem cell research for the treatment of disease.

Application Due: Jan. 10 by 5:00 p.m.

Human Origins

Leakey Foundation: Research Grants

Up to $30K

Funds research related to human origins by advanced graduate students, postdocs, and independent investigators.

Application Due: Jan. 10
Annual Due Dates: Jan. 10 and Jul. 15

Neuroscience

McKnight Endowment Fund for Neuroscience: McKnight Scholar Awards

$225K
may lead to new approaches to understanding or treating severe mental illness

Application Due: Dec. 5 by 11:59 p.m.

**Economic Research**

**National Bureau of Economic Research: Post-Doctoral and Pre-Doctoral Fellowships**

Amount varies

Various fellowships are available for dissertation support for graduate students, and for post-doctoral researchers, in selected topic areas

Application Due: Dec. 7

**Research Relevant to Autism**

**Autism Science Foundation: Pre- and Postdoctoral Training Awards**

Grad Students: $35K; Postdocs: $50K

One-year fellowships for those interested in pursuing careers in basic and clinical research that is broadly relevant to autism spectrum disorders

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

**Basic Pain Research**

**U.S. Association for the Study of Pain & Rita Allen Foundation: Rita Allen Foundation Scholars Award in Pain**

$150K

Supports early-career faculty pursuing innovative research on mechanisms that initiate and propagate pain in the nervous system

Encourages early-career faculty in research careers that will have an important impact on the study of the brain

Application & Letters of Reference Due: Jan. 15

**Humanities**

**American Antiquarian Society & National Endowment for the Humanities: AAS-NEH Long-Term Fellowships**

$5K per month

Supports four- to twelve-month residential fellowships for research in the AAS library (Worcester, MA)

Application & Letters of Recommendation Due: Jan. 15

**Religion**

**Louisville Institute: First Book Grant for Scholars of Color**

Up to $40K

Funds release time for pre-tenured religion scholars of color to complete a major research project about Christian faith and life in
Application & 3 Letters of Support Due: Dec. 14 by 11:59 p.m.

Future for breast cancer research
Application Due: Jan. 9 by 1:00 p.m.
Applicants must be or become active AACR members

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 negative health effects
Requested Letter of Intent Due: Jan. 5 by 5:00 p.m.
Application Due: Feb. 5 by 5:00 p.m.
Annual application deadlines: Feb. 5, Jun. 5, Oct. 5

Small Business Grants to Improve Health
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: Jan. 5 by 5:00 p.m.
Additional Due Date: Apr. 5

Additional Deadlines: 2nd Thursdays in Jan. and in Jul., annually

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: Jan. 9 by 5:00 p.m.
Annual application deadlines in Jan., May, and Sep.

Social, Behavioral & Economic Sciences
National Science Foundation: Human Networks and Data Science – Core Research (HNDS-R) #NSF 23-568
Typically $350K to $400K (HNDS-R track)

Supports advances in theory/method in a core social, behavioral and economic discipline via application of data and network science methods
Proposal Due: Jan. 11 by 5:00 p.m. (by permission only)
PIs must consult with the HNDS program officer before submission for permission and guidance
Additional Deadlines: 2nd Thursdays in Jan. and in Jul., annually
Visiting Researchers from Egypt
Up to $25,500

Funds research training visits to U.S. institutions for Egyptian researchers in the areas of agriculture, energy, health, and water management
Proposal Due: Dec. 7 by 4:59 p.m. ET (11:59 p.m. Cairo, Egypt time)

Physics From Molecules to Cells
National Science Foundation & French Agence Nationale de la Recherche (ANR): Lead Agency Opportunity at the Molecular and Cellular Biosciences – Physics Interface #NSF 24-015
Amount varies

Funds U.S. – France collaborative research integrating approaches from theoretical and experimental physics and biology to understand mechanisms underlying essential life processes
Proposal Due: Dec. 12 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: Jan. 5 by 5:00 p.m.
Additional Due Date: Apr. 5

Information Technology & Electronics
National Science Foundation & Ministry of Electronics and Information Technology of India (MeitY): Collaborative Research Opportunities #NSF 23-139
Amount varies

Funds collaborative development of new knowledge in semiconductor research, next-gen communication systems, cybersecurity, sustainability and green technologies, and intelligent transportation systems
Proposal Target Date: Jan. 5 by 5:00 p.m.

Neuroscience
National Institutes of Health: BRAIN Initiative – Research Resource Grants for Technology Integration and Dissemination #RFA-NS-23-026
Amount varies

Supports efforts to disseminate resources and technologies to the neuroscience research community
Requested Letter of Intent Due: Jan. 15 by 5:00 p.m.
Application Due: Feb. 14 by 5:00 p.m.
Additional Application Date: Oct. 11

Law & Science
National Science Foundation: Law & Science Program #PD 21-128Y
Amount varies

Funds social scientific studies of connections between law and law-like systems of rules, or studies of how science and technology are applied in legal contexts
Proposal Target Date: Jan. 15
Annual Target Dates: Jan. 15 and Aug. 1

Global & National Security
National Science Foundation: Security and Preparedness #PD 19-118Y
Amount varies

Supports basic scientific research that advances knowledge and understanding of issues broadly related to global and national security
Proposal Target Date:
an Industry Partner is strongly encouraged

Proposal Due: Jan. 2 by 5:00 p.m.
Additional deadlines: May 7 and Sep. 3

Q&A Sessions held almost monthly; next one is Dec. 7 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

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

Sanofi Innovations in Data Exploration, Analytics, and Technology

On Wednesday, November 8 from 1:00-2:00 p.m., the University Industry Demonstration Partnership (UIDP) is hosting a webinar on the Sanofi Innovations in Data Exploration, Analytics, and Technology (iDEA-iTECH) Award Program. The iDEA-iTECH Program, which opens for applications in November, provides seed funding of $150K over one year to innovators at research centers and early start-ups to explore emerging science and technologies (e.g., digital and data science, high-throughput screening, drug delivery, and imaging tools) that can be applied across the therapeutic pipeline.
DOE Voucher Program is Now Accepting Recipient Applications

DOE is opening a submission window for U.S. entrepreneurs, businesses, technology developers, and local governments to apply to receive vouchers for specific commercialization services in the clean energy sector. If your organization needs commercialization support or help with technology adoption or permitting, this program may be for you. Apply by November 16 for the Voucher Program to receive support to advance demonstration and commercialization of innovative energy technologies.

Announcing Launch of New Entrepreneurs Website

As the life sciences trade association for New Jersey, BioNJ is committed to supporting entrepreneurs and building the entrepreneurial ecosystem. With this goal in mind, BioNJ has developed a brand-new Entrepreneurs Website, which provides entrepreneurs with information about valuable resources, funding sources, opportunities to connect with fellow entrepreneurs, information about local events and competitions, and more.

News from NSF

Save the Date! Join NSF for its Fall 2023 Virtual Grants Conference, to be held during the week of December 4–7. Registration is free, and opens on Wednesday, November 8 at noon. For those who cannot attend the live conference, all recorded conference sessions will be available on-demand shortly after the event.

For faculty in the social, behavioral, and economic sciences! NSF is seeking panelists for its Predictive Intelligence for Pandemic Prevention (PIPP): Phase II Program, which aims to establish a network of centers or large-scale awards to support interdisciplinary approaches to accelerate research and development activities in emerging infectious diseases and pandemics. If you are interested in participating, please take this survey to provide your availability and areas of expertise.

Previously Announced Opportunities

October 19, 2023

Engineering Innovations

School of Engineering & Applied Science: Innovation Grants
Up to $250K

Funds pioneering research where securing outside

SEAS Seed Grants

School of Engineering & Applied Science: Seed Grants
Up to $50K

Provides financial support to plan for and write a
Sciences: Cooperative Institute for Modeling the Earth System (CIMES)
Around $100K
Funds research related to modeling and understanding the Earth system
Proposal & Detailed Budget Due: Nov. 10

Ethical & Religious Values

Institute for Citizens & Scholars: Charlotte W. Newcombe Fellowship
$31K
Nation’s largest and most prestigious award for late-stage Ph.D. candidates in the humanities and social sciences addressing questions of ethical and religious values
Application Due: Nov. 15 by 5:00 p.m.

Non-Lab Detection of DNA & RNA

BASF: 'Point-of-Care' Tool for DNA/RNA Detection
Up to $150K
Funds development of new “point-of-care” tool for routine detection of DNA and/or RNA features in plant material in non-lab settings
Proposal Due: Nov. 30

Creating ‘Digital Twins’

BASF: Modeling Plants to Create a ‘Digital Twin’
$50K to $200K
Supports development of large, multidisciplinary center proposal or to develop collaboration with industry
Proposal Due: Dec. 1 by 5:00 p.m.

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

History of Art & Architecture

Samuel H. Kress Foundation: History of Art Grants
Typically $10K to $50K
Supports scholarly projects to enhance appreciation and understanding of European works of art and architecture from antiquity to early 1800s
Mandatory Letter of Inquiry Due: Dec. 15 by 5:00 p.m.
Invited Application Due: Late April (TBD)
Annual LOI deadlines: Mar. 1, Sep. 1, Dec. 15

Lung Health

American Lung Association: Innovation Award
$75K to $150K
Supports promising

Biology of Aging

American Federation for Aging Research & Glenn Foundation for Medical Research: Grants for Junior Faculty
Up to $150K
Assists in the professional development of junior investigators committed to pursuing careers in the field of aging research
Mandatory Letter of Intent & Institutional Commitment Form Due: Dec. 18
Invited Application Due: Late April (TBD)

East & Southeast Asian Languages

Blakemore Foundation: Blakemore Freeman Fellowships for the Study of East & Southeast Asian Languages
Amount varies
Funds full-time advanced language study abroad for those whose career path will benefit from fluency in a modern Asian language
Application Due: Dec. 30 by 8:00 p.m.

Mathematics

Northwestern University: 2024 Frederic Esser Nemmers Prize in Mathematics
Digital Twins for plants, using publicly-available data at different anatomic levels, to model plant physiology.

Proposal Due: Nov. 30

Asian Cultural Council: Individual Fellowship
Up to $35K

Travel support for scholars or arts professionals working in selected disciplines to pursue a focused research project that enables and promotes cultural immersion, dialogue, relationship-building, collaboration, and/or exchange of knowledge among peers.

Application Due: Nov. 30 by 11:59 p.m.

Lung Health

American Lung Association: Catalyst Award
$50K to $100K

Supports early-career faculty who are conducting basic science, behavioral, clinical, or translational research into lung health.

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

Lung Health

American Lung Association: Public Health and Public Policy Research Award
$50K to $100K

Funds research, policy evaluation, and innovative ideas to help stimulate and inform public policy debates around healthy air, climate change, and other public health issues related to lung health.

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

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: Dec. 6 by 1:00 p.m.

Lung Health

Gruber Foundation: International Gruber Prize Program
$500K

Prizes recognize groundbreaking work in the fields of Cosmology, Genetics, and Neuroscience.

Nomination Due: Dec. 31 (self-nominations not accepted)

Economics

Northwestern University: 2024 Erwin Plein Nemmers Prize in Economics
$300K

Recognizes outstanding contributions to new knowledge in economics or the development of significant new modes of analysis.

Nomination Due: Dec. 31 (self-nominations not accepted)

Advancing Women’s Health Innovation

Bill & Melinda Gates Foundation: Opportunities to Advance Women’s Health Innovation
Up to $150K

Topic areas: Data & Modeling; Research Design & Methodologies; Regulatory & Science Policy; Innovation Introduction; Social & Economic Impact

Lung Health

American Lung Association: Catalyst Award
$50K to $100K

Awarded for exceptional achievement and work of lasting significance in the field of mathematics.

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

Lung Health

American Lung Association: Public Health and Public Policy Research Award
$50K to $100K

Funds research, policy evaluation, and innovative ideas to help stimulate and inform public policy debates around healthy air, climate change, and other public health issues related to lung health.

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

King Saud University, Prince Sultan Research Center for Environment, Water and Desert: Prince Sultan Bin Abdulaziz International Prize for Water – Specialized Prizes
About $133K (500K Saudi Riyals)

Four prizes recognizing water-related scientific innovation in Surface Water; Groundwater; Alternative Water Resources; and Water Management & Protection.

Individual & Team Self-Nomination Due: Dec. 31

Water-Related Scientific Innovation

King Saud University, Prince Sultan Research Center for Environment, Water and Desert: Prince Sultan Bin Abdulaziz International Prize for Water – Specialized Prizes
About $133K (500K Saudi Riyals)

Four prizes recognizing water-related scientific innovation in Surface Water; Groundwater; Alternative Water Resources; and Water Management & Protection.

Individual & Team Self-Nomination Due: Dec. 31
Childcare & Workforce Participation

Bill & Melinda Gates Foundation: Strengthening Childcare Models that Advance Women’s Economic Power
Up to $400K

Funds evidence-based testing and learning of childcare models in South Asia and Africa that support women’s workforce participation

Application Due: Dec. 6 by 2:30 p.m.

Biotherapeutics

CSL Limited: 2024 Research Acceleration Initiative
Up to $400K

Fast-tracks discovery of innovative biotherapies in selected focus areas through partnerships between CSL and global research organizations

Expression of Interest Due: Dec. 15 (via email from OTL)
As funding will be in the form of research partnerships, interested PIs must engage Princeton’s Office of Technology Licensing (OTL) before December 15, and prior to submitting an online abstract

Neuroscience

McGovern Institute for Brain Research (MIT): Edward M. Scolnick Prize in Neuroscience
$200K

Prize honoring outstanding discoveries and advances in the field of neuroscience

Nomination Due: Dec. 15 (self-nominations not accepted)

Humanities & Social Sciences

Gladys Krieble Delmas Foundation: Venetian Research Program
Up to $20K

Supports historical research on Venice and the former Venetian empire, and the study of contemporary Venetian society and culture

Application Due: Dec. 15

Desert: Prince Sultan Bin Abdulaziz International Prize for Water – Creativity Prize
About $266K (1M Saudi Riyals)

Honors interdisciplinary research teams for cutting-edge scientific work that can be considered a breakthrough in any water-related field

Nomination Due: Dec. 31 (self-nominations not accepted)

Springer Nature & Merck: 2024 Spinoff Prize
30,000 euros (must be used for company R&D) & profile in Nature magazine

Recognizes spinoff companies founded on university research in life or physical sciences, which can include digital technology approaches

Application Due: Dec. 31 by 6:59 p.m.

Life Sciences

National Science Foundation: Organismal Response to Climate

Improving Biological Research

National Science Foundation: Infrastructure
Water Purification

Department of the Interior, Bureau of Reclamation: FY24 Desalination and Water Purification Research Program #R24AS00016
Lab Projects: up to $250K; Pilot Projects: up to $800K; cost share is highly encouraged
Supports R&D to reduce the cost, energy consumption, and environmental impacts of treating impaired and unusable waters
Application Due: Nov. 15 by 6:00 p.m.

Plasma Physics

National Science Foundation: Plasma Physics #PD 23-1242
Amount varies
Funds research in fundamental plasma physics including study of magnetized, high-energy-density, low temperature, strongly coupled, and non-neutral plasmas, and intense field-matter interaction in plasmas
Proposal Due: Nov. 20

Climate Change & Transportation

Department of Transportation: Research Partnership on Climate Change and Transportation
Up to $5M; 33.3% cost share required
Funds a climate and transportation research center to advance research to reduce greenhouse gas emissions and other adverse environmental impacts from the transportation

Change - Expanding Understanding and Improving Predictions of Life on a Warming Planet #NSF 23-622
Amount varies
Supports research across biological disciplines to anticipate adaptive and maladaptive organismal responses to new environmental conditions
Proposal Due: Dec. 13 by 5:00 p.m.

Digital Humanities

National Endowment for the Humanities: Institutes for Advanced Topics in the Digital Humanities #20230215-HT
Up to $250K
Supports national or regional training programs for scholars and graduate students to broaden their knowledge of digital humanities
Optional Draft Due: Dec. 15 by 11:59 p.m.
Application Due: Feb. 15 by 11:59 p.m.
Live Q&A Session: Nov. 29, 2:00-3:00 p.m.
Recorded Informational webinar & slides

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: Dec. 26 by 5:00 p.m.

Capacity for Biological Research #NSF 23-580
Amount varies
Supports implementation of, scaling of, or major improvements to research tools, products, and services that advance contemporary biology
Proposals accepted anytime

Social & Behavioral Sciences

National Science Foundation: Research Infrastructure in the Social and Behavioral Sciences #PD 23-277Y
Amount varies
Funds projects creating computational tools and data to facilitate basic research in the social and behavioral sciences that can lead to improved health, prosperity and security
Proposals accepted anytime

Science in Ukraine

National Science Foundation: International Multilateral Partnerships for Resilient Education and Multilateral Partnerships for Resilient Education and Science System in Ukraine #NSF 23-135
Up to $300K (EAGER proposal); up to 20% of original award (Supplemental Funding Request)
Supports collaborative research addressing scientific or technical challenges in any field of science, engineering, or education and requiring an international collaboration
Mandatory Concept Outline accepted
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!