Research Funding Announcement
April 21, 2022

Opportunities Recently Added to the Gateway

Each issue of the Research Funding Announcement contains a curated selection of the many funding opportunities that are continuously being issued by industry, foundations, nonprofit organizations, and the federal government. Visit the Princeton Research Funding Gateway to search for more funding opportunities in your particular areas of interest.

Alerts and Notices

**REMINDER** Nominations and Letters of Support are due by May 20th for the National Medal of Science honoring exceptional achievement in the sciences, and the National Medal of Technology and Innovation recognizing technological achievement contributing to America’s economic, environmental, and social well-being.

**REMINDER** Apply by May 2 for the June training program offered by the Princeton-led National Science Foundation Innovation-Corps (I-Corps) Northeast Hub. This four-week online program (June 6, 8, 15, 29; 9:30 am-12:30 pm each day) helps researchers explore how their discoveries and inventions can meet the needs of people and industries. Participants work with experienced entrepreneurial mentors to build relationships and gain skills in an inclusive, welcoming environment. Teams are eligible for grants of up to $3,000. Open to faculty, postdoctoral researchers, graduate students, and undergraduates who are developing a university discovery in science or technology at any university, college, or research institution in the Northeast.
On April 27, 1:00-2:30 pm, there is a free online panel focused on funding from the federal Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs for small businesses developing innovative cancer technologies. Register here. You may also request a one-on-one meeting with program directors. Co-hosted by Princeton Innovation Center BioLabs, the National Cancer Institute (NCI) SBIR Development Center, the New Jersey Commission on Science, Innovation and Technology, and the Princeton Entrepreneurship Council.

The National Science Foundation has issued its 2022-2026 Strategic Plan, which describes NSF’s mission, vision, core values, goals, and strategic objectives for the next five years across all fields of science and engineering.

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.

Selected Upcoming Funding Opportunities
(Go to the Princeton Research Funding Gateway to search for additional opportunities that meet your areas of interest)

**HUMANITIES**
National Endowment for the Humanities #20220114-HAA – Digital Humanities Advancement Grants – Amount Varies by Level – Optional Draft Due: 4/25/22 by 11:59 pm*

*Application Deadline: June 24, 2022 View

LG Chem Ltd – 2022 LG Chem Global Innovation Challenge: Sustainable Solutions – Amount Varies – Application Due: 5/1/22

Company collaborates with startups with disruptive technologies in Circular Plastics, Carbon Utilization, Renewable Hydrogen, or Sustainable Batteries View

New Jersey Alliance for Clinical and Translational Science (NJ ACTS) – Pilot Program Year 5 – Amount Varies – Mandatory Letter of Intent Due: 5/6/22 by 11:59 pm
Provides pilot grants to increase collaborative biomedical research among faculty at Princeton, NJIT, and Rutgers. See attachment for more information.

Meta Research – 2022 Towards Trustworthy Products in AR, VR, and Smart Devices – Up to $75K – Proposal Due: 5/11/22 by 5:00 pm
Supports research into the security, privacy, and integrity of mixed-reality and smart device products. View

Meta Research – 2022 Meta Security Research – $65K to $100K – Proposal Due: 5/11/22 by 5:00 pm
Funds research on secure code, systems, and processes, and on improving how users manage privacy settings and understand how their data is protected. View

Meta Research – 2022 Networking for AI – $50K – Proposal Due: 5/23/22 by 5:00 pm
Supports research on all aspects of networking for AI/machine learning applications. View

National Oceanic and Atmospheric Administration #NOAA-OAR-OER-2023-2007237 – Oceanic and Atmospheric Research (OAR): Ocean Exploration – $75K to $750K – Mandatory Pre-Proposal Due: 5/24/22 by 4:59 pm
Supports research in the areas of deep ocean exploration and discovery, maritime heritage, and ocean technologies. View

Chan Zuckerberg Initiative – napari Plugin Foundations Grants – $20K – Application Due: 6/1/22 by 8:00 pm
Improve quality of existing plugins for cell biology (documentation/user support/usability/reliability) or establish foundational plugins for cell biology analyses. View

HUMANITIES & SOCIAL SCIENCES
French Institutes for Advanced Study – Fellowship Program – Amount Varies – Application Due: 6/2/22 by 6:00 pm (Paris, France Time)
Funds fellowships in France for scholars in the humanities, social sciences, and related interdisciplinary fields in the natural sciences. View

HUMANITIES & SOCIAL SCIENCES
French Institutes for Advanced Study – Sorbonne University-
Paris IAS Research Chair on Major Societal Changes – Amount Varies – Application Due: 6/2/22 by 6:00 pm (Paris, France Time)
Funds a faculty fellowship in Paris; AY24 topic: impacts and ethical dimensions of environmental transition and/or artificial intelligence

ALL DEPARTMENTS
Durham University (UK) – Institute of Advanced Study: 2023-24 Distinguished Fellowships (3 months) – £3,000 + Travel + Accommodation – Application Due: 6/17/22
Leading scholars collaborate with Durham colleagues on projects of major intellectual, scientific, political and practical significance; check list of 2023-24 topics

National Science Foundation #NSF 22-579 – Spectrum Innovation Initiative: National Radio Dynamic Zones – $500K to $2M – Proposal Due: 6/21/22 by 5:00 pm
Advance the use of dynamic spectrum sharing through interdisciplinary projects to achieve potential benefits of additional spectrum access

Robert Wood Johnson Foundation – Research in Transforming Health and Health Care Systems – $50K to $350K – Mandatory Pre-Proposal Due: 6/24/22 by 3:00 pm
Supports policy-relevant, community-engaged research that helps improve the affordability of high-quality, equitable healthcare
Informational webinar: May 3, 2:00-3:00 pm

Russell Sage Foundation – Visiting Scholar Grants – Amount Varies – Application Due: 6/28/22 by 11:59 pm
Funds residential fellowships in New York City for faculty in the social, economic, political and behavioral sciences

National Science Foundation #NSF 22-551 – Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR) Programs Phase I – Up to $275K – Invited Proposal Due: 6/30/22 by 5:00 pm*
Funds early-stage R&D to transform scientific discovery into products and services with commercial potential and/or societal benefit
*A Project Pitch can be made anytime; 3 deadlines yearly for invited proposals

Damon Runyon Cancer Research Foundation – Damon Runyon-Rachleff Innovation Investigators – $400K – Application Due: 7/1/22 by 4:00 pm
Supports early-career faculty doing innovative, early-stage cancer-related research  View

Research Corporation for Science Advancement – Cottrell Scholars Program – $100K – Proposal Due: 7/1/22
Supports research by exceptional early-career faculty in chemistry, physics, and astronomy who demonstrate potential for academic leadership  View

National Science Foundation #NSF 22-542 – Leading Culture Change Through Professional Societies of Biology (BIO-LEAPS) – $500K to $2M – Proposal Due: 7/1/22 by 5:00 pm
Fosters culture change within the field of biology by leveraging the work of professional societies to move towards an equitable and inclusive culture  View

National Science Foundation #NSF 22-586 – Faculty Early Career Development Program (CAREER) – $400K to $500K – Proposal Due: 7/27/22 by 5:00 pm
Supports the professional and leadership development of early-career faculty in any NSF-supported field of study  View

Didn’t see anything that matches your current need for funding? Try searching the Princeton Research Funding Gateway.

Previously Announced Funding Opportunities – April 7, 2022

Rita Allen Foundation – Civic Science Program: Seed Grants & Connection Grants – $5K to $25K & $25K to $150K – Mandatory Letter of Inquiry Due: 4/22/22 by 8:00 pm
Funds innovative, early-stage, collaborative work that advances civic science approaches and knowledge  View

Mark Foundation for Cancer Research – Emerging Leader Awards – $750K – Mandatory Letter of Intent Due: 5/2/22 by 5:00 pm
Supports high-risk, high-impact cancer research by early-career investigators that is distinct from their current and previous work  View
Department of Defense #W911NF-22-S-0008 – FY2023 Defense University Research Instrumentation Program (DURIP) – $50K to $1.5M – Validated Proposal Due: 5/13/22 by 11:59 pm*

Supports purchase of equipment and instrumentation to enhance research and related education in the technical areas of interest to the DoD. Pre-proposal inquiries by April 22 are encouraged  View

Greenwall Foundation – Bernard Lo, MD Award in Bioethics – $25K – Nomination Due: 5/16/22 by 11:59 pm

Prize recognizing significant contributions to varying areas in bioethics; 2022 Award will acknowledge excellence in bioethics mentorship  View

Robert Wood Johnson Foundation – Food and Health Research Using the USDA’s Consumer Food Data System (CFDS) – Up to $100K – Pre-Proposal Due: 5/16/22 by 3:00 pm

Supports policy-relevant research that will help to overcome structural barriers to equitable access to healthy food  Virtual office hours with CFDS data experts: April 18, 1:30-4:30 pm  View

L'Oréal Foundation – 2023 L’Oréal-UNESCO For Women in Science International Awards: Physical Sciences, Mathematics & Computer Science – €100,000 – Nomination Due: 5/31/22

Recognizes eminent women throughout the world for their contributions to the advancement of science  View

HUMANITIES
Gerda Henkel Foundation – General Research Grants: Projects (Includes PhD/Postdoc Fellowships) – Amount Varies – Application Due: 6/1/22

Funds research fellowships for graduate students, postdocs, and faculty in the historical humanities  View

Meta Research – 2022 Systems Research – $50K – Proposal Due: 6/6/22 by 5:00 pm

Meta is particularly interested in research addressing fundamental challenges that arise in distributed systems operating at a large scale  View

National Science Foundation #NSF 20-608 – Research Training Groups in the Mathematical Sciences – Up to $2.5M – Proposal Due: 6/7/22 by 5:00 pm
Supports research groups in mathematical sciences involving undergrads, grad students, and postdocs to improve their training  View

Vilcek Foundation – 2023 Vilcek Prizes for Creative Promise in Biomedical Science – $50K – Application Due: 6/10/22
Recognizes immigrant early-career faculty demonstrating outstanding achievement in biomedical science  View

National Institutes of Health #PAR-21-128 – NCI Transition Career Development Award – $150K to $450K – Application Due: 6/12/22 by 5:00 pm
Supports postdocs transitioning to tenure-track faculty positions in cancer research  View

National Institutes of Health #PAR-21-271 – Maximizing Opportunities for Scientific and Academic Independent Careers (MOSAIC) Postdoctoral Career Transition Award to Promote Diversity – Amount Varies – Application Due: 6/12/22 by 5:00 pm
Supports the transition of postdocs from diverse backgrounds into independent faculty members in the biomedical sciences  View

National Institutes of Health #PAR-21-234 – NINDS Faculty Development Award to Promote Diversity in Neuroscience Research – Up to $975K – Application Due: 6/12/22 by 5:00 pm
Supports supervised career development and scientific mentoring for promising junior investigators in neuroscience  View

National Institutes of Health #PAR-21-061 – Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research – Up to $275K – Application Due: 6/14/22 by 5:00 pm
Supports postdocs and early-career faculty from diverse backgrounds doing innovative research in basic cancer biology  View

HUMANITIES & SOCIAL SCIENCES
University of Bergen (Norway) – Holberg Prize – approx. $670K – Nomination Due: 6/15/22
Prize honoring exceptional contributions to research in the humanities, social sciences, law or theology  View
HUMANITIES & SOCIAL SCIENCES
Gerda Henkel Foundation – Forced Migration Program – Amount Varies – Application Due: 6/15/22
Supports internationally-oriented, multidimensional, comparative research in the interdisciplinary field of Forced Migration Studies  View

National Institutes of Health #PAR-22-090 – Exploratory/Developmental Bioengineering Research Grants – Up to $275K – Application Due: 6/16/22 by 5:00 pm
Funds study of novel scientific ideas or new model systems/tools/technologies with potential for major impact on biomedical/biobehavioral research  View

National Institutes of Health #PAR-22-086 – Microbial-based Cancer Imaging and Therapy: Bugs as Drugs – Up to $275K – Application Due: 6/16/22 by 5:00 pm
Supports multidisciplinary studies of tumor-microbe interactions needed to develop new cancer imaging, diagnosis, and therapy strategies  View

Funds book projects by young scholars of policy analysis on international relations/policy/security, military policy/history, diplomatic history  View

Michelson Medical Research Foundation – Michelson Prizes: Next Generation Prize – $150K – Application Due: 6/18/22
Supports research by early-career scientists in human immunology, and vaccine/immunotherapy discovery  View

Institution of Engineering & Technology (IET) – E&T Innovation Awards – No funds awarded – Entries Due: 6/13/22*
Recognizes new innovations in science, engineering, and technology with the potential to significantly improve society  *Last day for free Early Bird entry  View

National Institutes of Health #PAR-21-350 – Research on Biopsychosocial Factors of Social Connectedness and Isolation on Health, Wellbeing, Illness, and Recovery – Amount Varies – Application Due: 6/21/22 by 5:00 pm
Funds research on social relationships and their effects on health, illness, recovery, and overall wellbeing  View
National Science Foundation #NSF 17-594 – Research Coordination Networks – Amount Varies by Discipline – Proposal Due: Submission Deadlines Vary by Program
Fosters communication/new collaboration among scientists/engineers/educators who share an interest in a new or developing area of science/engineering  View

National Science Foundation #NSF 20-582 – Condensed Matter and Materials Theory – Usually $170K to $640K – Proposal Due: Accepted on a Rolling Basis*
Supports fundamental theoretical and computational materials research in selected topical areas  *Please avoid submitting from March 15 to May 15; certain topic areas have suggested target dates  View

Grodman Family Foundation – Caring for Children in Distress – $50K to $600K – Letter of Interest and Application Due: Accepted on a Rolling Basis
Funds innovative research/education/program operations to provide solutions to the immense challenge of caring for children in distress  View

HUMANITIES
Princeton University Internal Funds – Center for Digital Humanities: Graduate Training Grants – Up to $1K – Application Due: Accepted on a Rolling Basis
Toward costs of outside courses, workshops, etc. designed to expand knowledge of data-driven, computational approaches to the humanities  View

Do you know of an upcoming funding opportunity that should be shared with your Princeton colleagues? Please email it to res_fund@princeton.edu at least four weeks prior to the application due date, and we’ll include it in an upcoming Funding Announcement and/or add it to the Princeton Research Funding Gateway. Thank you!

Best regards,
Coleen Burrus
Director