Research Funding Announcement
April 7, 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

The Department of Energy, Office of Science, is inviting current grantees to request supplemental funding in order to host or collaborate with students, postdocs, and scientists who have been impacted by the ongoing war in Ukraine. The goal is to allow them to continue their research in DOE-relevant disciplines in a safe and supportive environment, and better position them to help rebuild science programs on their eventual return to Ukraine. DOE will work with other U.S. Government agencies to coordinate logistical details, such as visas, as needed.

NSF is inviting current grantees, especially those actively building their careers, to request supplemental funding for research visits to approved European research groups. A list of PIs and research teams interested in hosting NSF grantees is available. See NSF 22-056 for information and instructions. In addition, the Division of Chemistry is inviting requests for supplemental funding from its existing awardees who may wish to add a new, or strengthen an existing, international dimension of their NSF-supported research; see NSF 22-070 for information and instructions.

NSF is holding a free Virtual Grants Conference during the week of June 6-10,
The conference will give faculty, researchers, and administrators key insights into a wide range of current issues at NSF, provide up-to-date information about specific funding opportunities, and answer attendee questions.

**REMINDER** The prestigious NSF CAREER Awards support early-career faculty, in any NSF-funded discipline, who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization. Proposals are due by 5:00 pm on July 25, 2022. The Division of Mathematical Sciences Virtual Office Hour on April 15, 2:00-3:00 pm, will include discussion of the CAREER Awards program. The Directorate for Engineering is holding virtual Engineering CAREER Proposal Writing Workshops on May 11-13, 12:00-6:00 pm each day, for junior faculty who plan to submit a CAREER Award proposal.

NIH is considering developing a Common Fund program to better understand the human virome. As part of the initial planning process, they are requesting input from the scientific community on the current challenges in this field that can best be addressed through a concerted and coordinated effort. Responses to this RFI will be accepted through April 29, 2022.

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**

(To access more opportunities, visit [Princeton Research Funding Gateway](https://research.princeton.edu/funding-gateway))

- **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

**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.

**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.

**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.

**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.

**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.

**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.

**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

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

Previously Announced Funding Opportunities – March 24, 2022

National Aeronautics and Space Administration #NNH22ZDA001N – Research Opportunities in Space and Earth Sciences (ROSES-2022) – Amount Varies – Submission(s) Due: Between 3/31/22 and 5/12/23*

Supports a wide range of basic/applied research and technology in space
and Earth sciences of interest to NASA’s Science Mission Directorate
*Each topic area has its own submission date(s) and requirements; see here and here  View

Burroughs Wellcome Fund – Climate Change and Human Health Seed Grants – $2,500 to $50K – Applications Reviewed Quarterly; Next Deadline is 4/11/22 by 4:00 pm
Promotes collaboration between scholars in disconnected fields who might together help mitigate the impact of climate change on human health  View

HUMANITIES & SOCIAL SCIENCES
Princeton University Internal Funds – Center for Digital Humanities: Humanities + Data Science Faculty Institute* – $5K Summer Salary – Application Due: 4/15/22 by 11:59 pm
Empowers Princeton scholars from the humanities/adjacent social sciences to engage with conceptual/practical/ethical aspects of data science  *June 2022 or January 2023  View

Princeton University Internal Funds – Dean for Research: New Ideas in the Natural Sciences – Up to $200K – Proposal Due: 4/15/22
Funds exploration of early-stage concepts/ideas that are not ready to form the basis of a competitive proposal submitted to a funding agency  View

Princeton University Internal Funds – Provost and Dean for Research: Transformative Equipment Initiative – More Than $500K* – Proposal Due: 4/18/22
Replaces equipment in shared facilities, or purchases transformative equipment in response to new research opportunities/new technologies  *A contribution from the department/center is expected  View

Funds research and career development for young faculty in selected fields in the sciences and engineering  *Proposal due 6/6/22 by 11:59 pm  View

Meta Research – Privacy Enhancing Technologies – $80K to $100K – Proposal Due: 4/20/22
Supports privacy-focused projects in selected topic areas

Gordon and Betty Moore Foundation – Emergent Phenomena in Quantum Physics—Flexible Funding: Equipment Grants & Rapid-Response Grants – $300K to $1.5M – Project Idea Due: 4/22/22 by 11:00 pm
Allows timely response to emerging opportunities in the field of quantum materials

HUMANITIES & SOCIAL SCIENCES
Spencer Foundation – Large Research Grants on Education – $125K to $500K – Mandatory Intent to Apply Due: 5/4/22 by 1:00 pm
Funds research that is relevant to the most pressing questions and compelling opportunities in education

Robert Wood Johnson Foundation – Interdisciplinary Research Leaders Program – Up to $353K – Application Due: 5/4/22 by 3:00 pm
Funds community-engaged research by small teams from diverse fields to help dismantle structural racism/improve health/advance health equity

Simons Foundation – Postdoctoral Fellowships in Marine Microbial Ecology – $270K – Application Due: 5/13/22
Provides postdoc fellowships in marine microbial ecology for scientists from a variety of fields

National Institutes of Health #PAR-22-071 – Toward Translation of Nanotechnology Cancer Interventions – Up to $1.9M – Application Due: 5/17/22 by 5:00 pm
Funds advanced pre-clinical research supporting translation of nanotechnology-based cancer diagnostics and therapeutics

International Human Frontier Science Program Organization – Postdoctoral Fellowships – Amount Varies by Host Country – Mandatory Letter of Intent Due: 5/18/22 by 1:00 pm
Funds international, interdisciplinary postdoc positions leading to new skills in the life sciences
Gerda Henkel Foundation – “Lost Cities” Funding Program – Amount varies – Application Due: 5/18/22
Supports grad students, postdocs, and faculty studying perception of and living with abandoned cities in the cultures of the world  View

National Academies of Sciences, Engineering, and Medicine & Chan Zuckerberg Initiative – Science Diversity Leadership Award – $1.15M – Applications Due: 5/19/22 by 5:00 pm
Supports outstanding early- to mid-career faculty in biomedical sciences who have a record of promoting diversity, equity, and inclusion in their field  View

National Science Foundation #NSF 22-575 – Coupling, Energetics, and Dynamics of Atmospheric Regions (CEDAR) – Typically $450K – Proposal Due 5/20/22 by 5:00 pm
Funds interdisciplinary research on the interactions of neutral and ionized atmospheres in the upper atmosphere over time and spatial scales  View

National Institutes of Health – Design by Biomedical Undergraduate Teams (DEBUT) Challenge – $10K to $20K – Submission Due: 5/31/22 by 11:59 pm
Prizes awarded to undergraduate student teams developing technology solutions to unmet needs in one of four areas of healthcare  View

Daiichi Sankyo, Inc. – DS Sponsored Research: Investigator-Initiated Studies – Up to $120K – Application Due: 5/31/22
Funds research in oncology, rare diseases, central nervous system, eye, heart, and autoimmune diseases to address worldwide medical needs  View  See attachment also

National Institutes of Health #RFA-NS-22-026 – BRAIN Initiative: Targeted BRAIN Circuits Projects – Amount Varies – Requested Letter of Intent Due: 6/1/22 by 5:00 pm*
Funds research on how circuit activity leads to mental experience and behavior using innovative, methodologically-integrated approaches  View
*Prior consultation with NIH staff is strongly recommended

Water Research Foundation – Paul L. Busch Award – $100K – Nominations Due: 6/1/22
Prize for innovative achievement in water quality advancements and applications  View
Marconi Society – Marconi Prize – $100K – Nominations Due: 6/1/22
Awarded for a significant contribution to increasing digital inclusivity through advanced information and communications technology  View

Marconi Society – Paul Baran Young Scholar Award – $4K – Nominations Due: 6/1/22
Celebrates the next generation of leaders in advanced communications technology whose contributions will help close the digital divide  View

National Science Foundation #NSF 21-551 – Cyber-Physical Systems: FRONTIER Grants – $1.2M to $7M – Proposal Due: 6/15/22 by 5:00 pm
Funds larger projects addressing critical challenges that require considerable resources to significantly push the boundaries of CPS  View

Simons Foundation – SFARI Supplement to Enhance Equity and Diversity (SEED) – Up to $300K – Application Due: Accepted on a Rolling Basis
Funds new postdoc positions in autism science for members of underrepresented American minority groups  View

Comcast Corporation – Comcast Innovation Fund – $3K to $100K+ – Application Due: Accepted on a Rolling Basis
Supports Internet technology R&D and open source Internet software development; see website for Areas of Interest for 2022  View

Open Technology Fund – Internet Freedom Fund – Usually $50K to $200K – Application Due: Accepted on a Rolling Basis
Funds technology-focused projects that promote human rights, Internet freedom, and open societies  View

Robert Wood Johnson Foundation – Pioneering Ideas: Exploring the Future to Build a Culture of Health – Amount Varies – Phase I Proposal Due: Accepted on a Rolling Basis
Supports projects that will influence health equity in the future; focus areas include: Evidence, Social Interaction, Food, Work  View

Robert Wood Johnson Foundation – Evidence for Action:
Innovative Research to Advance Racial Equity – Amount Varies – Application Due: Accepted on a Rolling Basis

*Develops evidence about ways to dismantle or remedy health inequities, and produce better outcomes for people and communities of color*  

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*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!*

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Best regards,
Coleen Burrus
*Director*