

From: [Research Funding Announcement from the Office of the Dean For Research](#) on behalf of [Coleen Burrus](#)
To: Research-Funding@Princeton.EDU
Subject: [Research-Funding] Research Funding Announcement - March 18, 2021
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Research Funding Announcement March 18, 2021

Visit the [Princeton Research Funding Gateway](#) for more funding opportunities.

Dear Deans, Chairs, Directors, and Administrators of Divisions I, II, III & IV:

I am writing to alert you to the following open submission opportunities. Please share this information with any faculty in your group who may be interested.

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.

Upcoming Funding Opportunities

Human Frontier Science Program - Research Grants: Early Career & Research Grants: Program - Amount varies by number of team members - Letter of Intent Due: 3/30/21* (see NOTE)

Supports interdisciplinary, cross-national research into fundamental biological problems

These grants support innovative basic research into fundamental biological problems with emphasis placed on approaches that involve scientific exchanges

across national and disciplinary boundaries. Participation of scientists from disciplines outside the traditional life sciences such as biophysics, chemistry, computational biology, computer science, engineering, mathematics, nanoscience, or physics is recommended. Support is provided for teams of scientists who wish to combine their expertise to questions that could not be answered by individual laboratories. Team members are expected to have their labs in different countries; they should not have collaborated before, and should propose a project significantly different from their ongoing research. Typical funding: \$265K for a team of 2; \$365K for a team of 3; \$465K for a team of 4 or more. These figures represent the amount awarded to the whole team per year for a period of 3 years. ***NOTE: The Principal Applicant (team leader) must first obtain a LIXXXX/2022 reference application number on the [HFSP extranet site](#) by **March 18th, 2021**.** [View](#)

Department of Energy: Office of Science #DE-FOA-0002381 – FY2021 SBIR/STTR Phase II Release 2 – \$1.1M to \$1.6M – Letter of Intent Due: 3/31/21

Funds small business R&D with commercialization potential in areas of interest to the DOE

The DOE invites eligible Phase I and Phase II awardees to apply for Phase II awards (grants and cooperative agreements) (both initial and second and third) under the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) program. Grants are intended to help certain small businesses conduct R&D; projects must have the potential for commercialization and meet particular DOE mission-specific R&D needs. [View](#)

Princeton University internal funds – McGraw Center for Teaching and Learning: Graduate Teaching Fellows – \$20 per hour – Application Due: 4/2/21*

Provides part-time summer teaching experience for Princeton graduate students

The McGraw Center invites applications from exceptional Princeton graduate student teachers from all disciplines to lead the upcoming Orientation to Teaching for new assistants in instruction (AI Orientation). Commitment is part-time, May through August. Please submit a brief cover letter explaining your interest in the position and CV which includes your teaching experience (including experience as an AI at Princeton) with your submission. ***NOTE: Apply by April 2, 2021 for fullest consideration.** Application review and interviews will take place on a rolling basis in the spring semester until open spots are filled (generally, all spots are filled by May). [View](#)

National Endowment for the Humanities: Division of Research Programs #20200408-FEL – Fellowships – \$30K to \$60K – Application Due: 4/14/21

Provides sabbatical support for humanities scholars pursuing research and writing projects

This program supports individual scholars pursuing projects that embody exceptional research, rigorous analysis, and clear writing. Fellowships provide recipients time (6-12 months, at \$5K per month) to conduct research or to

produce books, monographs, peer-reviewed articles, e-books, digital materials, translations, etc. Scholars in all disciplines, including junior scholars, are encouraged to apply. Recipients may simultaneously hold fellowships or grants from institutions other than NEH – including sabbaticals and grants from their own institutions – in support of the same project during their period of performance, which must be full-time and continuous. Recipients may begin their periods of performance as early as January 1, 2022, and as late as September 1, 2023. [View](#)

Simons Foundation – Collaboration on the Global Brain Pilot Awards – Up to \$400K – Letter of Intent Due: 4/15/21

Supports research to expand understanding of the role of internal brain processes

This program funds two-year pilot projects that investigate the general principles of global activity across multiple brain regions and its relationship to cognition, particularly applications using advanced methods for studying the brain at high spatiotemporal resolution in diverse organisms from invertebrates to humans. Collaborative projects of multiple investigators are highly encouraged.

Individuals currently receiving funding from the Simons Collaboration on the Global Brain are not eligible for additional funding but can serve as unfunded collaborators. [View](#)

National Endowment for the Humanities: Division of Research Programs #20210428-FEL – NEH-Mellon Fellowships for Digital Publication – \$30K to \$60K – Application Due: 4/28/21

Provides sabbatical support for scholars pursuing humanities projects that require digital expression

Through this program, the NEH and the Andrew W. Mellon Foundation support individual scholars pursuing significant humanities projects that require digital expression and digital publication. Fellowships provide recipients time (6-12 months, at \$5K per month) to conduct research, prepare publications, and develop and incorporate multimedia components using existing technologies and platforms. Anticipated products must be published in digital form and include, but are not limited to, monographs, peer-reviewed articles, websites, virtual exhibitions, translations with annotations or a critical apparatus, or critical editions resulting from previous research. Scholars in all disciplines of the humanities and related subfields of the social sciences, including junior scholars, are encouraged to apply. Recipients may simultaneously hold fellowships or grants from institutions other than NEH – including sabbaticals and grants from their own institutions – in support of the same project during their period of performance, which must be full-time and continuous. Recipients may begin their periods of performance as early as January 1, 2022, and as late as September 1, 2022. [View](#)

William T. Grant Foundation – Reducing Inequality: Major Research Grants – \$100K to \$600K – Letter of Inquiry Due: 5/5/21 by 3:00 PM EST

Funds high-quality field-initiated studies on reducing inequality in youth outcomes

This program funds studies that aim to build, test, or increase understanding of programs, policies, or practices to reduce inequality in the academic, social, behavioral, or economic outcomes of young people. Studies about reducing inequality on the basis of race, ethnicity, economic standing, language minority status, or immigrant origins are of especial interest. In addition to financial support, the Foundation invests significant time and resources in capacity-building for research grantees. There are three deadlines annually: mid-January, early May, and early August. [View](#)

William T. Grant Foundation - Improving the Use of Research Evidence: Major Research Grants - \$100K to \$1M - Letter of Inquiry Due: 5/5/21 by 3:00 PM EST

Supports studies that enhance the use of research evidence in ways that benefit youth

Projects are invited that identify, build, and test strategies to enhance the use of research evidence – especially by state and local decision makers, mid-level managers, and intermediaries – in ways that benefit youth. In addition to financial support, the Foundation invests significant time and resources in capacity-building for research grantees. There are three deadlines annually: mid-January, early May, and early August. [View](#)

Simons Foundation - Postdoctoral Fellowships in Marine Microbial Ecology - \$270K - Application Due: 5/14/21

Provides postdoc fellowships in marine microbial ecology for scientists from a variety of fields

These fellowships support basic research on fundamental problems in marine microbial ecology, with an emphasis on understanding the role of microorganisms in shaping ocean processes, and vice versa. The Foundation is particularly interested in applicants with training in different fields, as well as applicants with experience in modeling or theory development. While these cross-disciplinary applicants will receive particular attention, applicants already involved in ocean research are also encouraged to apply. [View](#)

Nokia Bell Labs - Bell Labs Prize - \$25K or \$50K or \$100K - Proposal Due: 5/14/21

Annual competition to advance innovation in information and communications technologies

The Bell Labs Prize recognizes innovations in the general areas of information and communications technologies that solve the key challenges facing humanity, and provides selected innovators the unique opportunity to collaborate with Nokia Bell Labs researchers to help realize their vision. Five to seven finalists are selected to compete for three prizes in mid-November in front of a panel of renowned experts and industry leaders. Proposals will be judged based on a credible proof-of-concept or set of results that validate the full potential of the innovation. The prizes awarded: \$100K (grand prize), \$50K (second place) and \$25K (third place), will be paid directly to the prize winners. [View](#)

Berggruen Institute - Berggruen Prize for Philosophy and Culture

- \$1M - Nominations Due: 5/15/21*

Recognizes humanistic thinkers whose achievements have advanced ideas that shape the world

The Berggruen Institute was established to develop foundational ideas about how to reshape political and social institutions in the face of great transformations.

[Nominations](#) are now being accepted for the 2021 Berggruen Prize, given annually to humanistic thinkers whose ideas have profoundly shaped human self-understanding and advancement in a world being rapidly transformed by profound social, technological, political, cultural, and economic change. *NOTE: This deadline is an estimate based on previous years. [View](#)

National Endowment for the Humanities #20210518-PR - Research and Development Grants - Amount varies by Tier - Application Due: 5/18/21

Supports projects addressing challenges in preserving or accessing various humanities collections and resources

The Research and Development program of the NEH Division of Preservation and Access supports projects that address major challenges in preserving or providing access to all types of humanities collections and resources. There are two funding tiers in order to address projects at all stages of planning, development, and implementation; Tier I provides awards up to \$75K, while Tier II provides awards up to \$350K. [View](#)

Chan Zuckerberg Institute - Ancestry Networks for the Human Cell Atlas - Amount TBD - Application Due: 5/25/21

Funds collaborative, interdisciplinary projects contributing data and insights to the Human Cell Atlas

The Chan Zuckerberg Initiative invites applications for three-year projects focused on supporting collaborative teams of researchers that will contribute data and insights from samples of diverse genetic ancestry to the [Human Cell Atlas \(HCA\)](#). All tissue samples should be healthy, single-cell reference data from historically understudied communities. Teams should consist of 3-10 principal investigators, including at least one computational biologist or data scientist and one expert in single-cell biology. Community-engaged researchers should be involved in the collaboration to help provide, promote, and build culturally competent connections with the research participants and members of their community. Please [register your interest](#) with the HCA to find collaborators and connect with ongoing efforts. NOTE: Please work closely with your department's grant manager and ORPA representative when applying to CZI, as an [institutional sign-off](#) is required at the time of submission. [View](#)

James S. McDonnell Foundation - Postdoctoral Fellowship in Understanding Dynamic & Multi-scale Systems - \$200K - Application Due: 6/11/21

Provides advanced graduate students with postdoctoral opportunities in complex systems science

The James S. McDonnell Foundation 21st Century Postdoctoral Fellowship Award in Understanding Dynamic and Multi-scale Systems is intended to provide students in the final stages of completing a Ph.D. degree more autonomy

in identifying and securing postdoctoral training opportunities. Applicants must be committed to acquiring new skills and experience in a multi-disciplinary field such as complex systems science. This fellowship is targeted towards students who wish to broaden their research experience and require protected time (2-3 years) to acquire new knowledge and skills. Recipient's postdoctoral salary or stipend and fringe benefits are to be paid by the award. [View](#)

Michelson Medical Research Foundation – Michelson Prizes: Next Generation Grants – \$150K – Application Due: 6/18/21

Supports research by early-career scientists in human immunology, and vaccine/immunotherapy discovery

The Michelson Prizes support young investigators under the age of 35 (including grad students/postdocs) who are using disruptive concepts and inventive processes to significantly advance human immunology and vaccine and immunotherapy discovery research for major global diseases. The 2021 Prizes will fund research in **Human Immunology and Vaccine Research** or **Climate Change and Human Immunology**. Applicants from the full spectrum of related disciplines, including clinical research, biochemistry, molecular biology, protein engineering, computer science, artificial intelligence/machine learning, biophysics, nanotechnology, environmental health, etc., are encouraged to apply. [View](#)

Robert Wood Johnson Foundation – Systems for Action: Systems and Services Research to Build a Culture of Health – Up to \$500K – Application Due: 6/9/21*

Supports studies evaluating more equitable ways to connect the medical, social, and public health systems

The Systems for Action (S4A) program builds a Culture of Health by rigorously testing new ways of connecting the nation's fragmented medical, social, and public health systems. One way in which racism and injustice have become entrenched in American society is through the delivery and financing systems that support health and social services. These systems function as largely invisible forces that distribute power, resources, and access to services across individuals and communities in ways that are often inequitable. This call for proposals will fund research studies that evaluate the impact of innovative potential solutions to the "wrong-pocket problem" involving public health, medical, and social service systems. *NOTE: an optional one-page Letter of Intent may be submitted by 4/30/21. [View](#)

Robert Wood Johnson Foundation – Evidence for Action: Investigator-Initiated Research to Build a Culture of Health – Amount TBD – Letter of Inquiry Due: accepted on a rolling basis

Funds research that helps inform efforts to improve health outcomes, reduce inequities, establish best practices, and develop key measures

The Evidence for Action (E4A) program funds research that expands the evidence needed to build a Culture of Health, in which good health and well-being flourish across geographic, demographic, and social sectors; public and private decision-making is guided by the goal of fostering equitable communities; and everyone has the opportunity to make choices that lead to

healthy lifestyles. E4A is particularly interested in building evidence on interventions that have immediate relevance in current social, policy, or cultural contexts, and as a rolling submission program can rapidly respond to time-sensitive funding requests. The program encourages studies that take advantage of natural experiments, which involve changes in large-scale programs, policies, or practices and can sometimes provide unique opportunities to establish causation. [View](#)

Robert Wood Johnson Foundation – Pioneering Ideas: Exploring the Future to Build a Culture of Health – Amount TBD – Phase I Proposal Due: accepted on a rolling basis

Supports projects that will influence health equity in the future

This program welcomes proposals that are primed to influence health equity in the future. Ideas are sought that address any of these four current areas of focus: 1) Future of Evidence; 2) Future of Social Interaction; 3) Future of Food; and 4) Future of Work. Additionally, in an Open Exploration category, this call for proposals seeks ideas that might fall outside of these four focus areas but which offer unique approaches to advancing health equity and progress toward a Culture of Health. RWJF staff want to hear from scientists, anthropologists, artists, urban planners, community leaders – anyone, anywhere – who has a new or unconventional idea that could alter the trajectory of health, and improve health equity and well-being for generations to come. [View](#)

Comcast Corporation – Comcast Innovation Fund – Up to \$150K – Application Due: accepted on a rolling basis*

Supports research on things that make the Internet run or that run on the Internet

The Comcast Innovation Fund supports Internet technology R&D and open source Internet software development. Covid-19 effects on the Internet is a special focus area of interest for the 2021 funding year. There are three categories of funding: Open Source Development Grants, General and Targeted Research Grants, and Useful & Interesting Things Grants. *NOTE: Awards are made annually starting in January and continue until the year's funding allocation is exhausted. [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

The Internet Freedom Fund supports open and accessible technology-focused projects that promote human rights, Internet freedom, and open societies. Ideas should advance inclusive and safe access to global communications networks, counteract censorship and surveillance, and mitigate digital security threats to Internet freedom for at-risk-users living or working in repressive environments. OTF does not make grants; it administers **deliverable-based contracts** and funds are disbursed following completion of previously agreed upon metrics and deliverables. [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

With the understanding that diversity in the scientific workforce is an important factor in the goal of advancing autism science, this program will provide **supplements to existing grants under the Simons Foundation Autism Research Initiative (SFARI)** for the recruitment of new lab members from American underrepresented minority groups at the postdoctoral level. Supplements are up to \$100K per year for up to three years. [View](#)

Previously Announced Funding Opportunities

New Jersey Alliance for Clinical and Translational Science (NJ ACTS) – Pilot Program Year 3 – Amount varies – Letter of Intent Due: 3/19/21

Supports collaborative research projects in translational science

The NJ ACTS Pilot Program offers one year pilot grants to foster collaborative research among faculty at Princeton, the New Jersey Institute of Technology (NJIT), and Rutgers in order to successfully translate biomedical discoveries to clinical applications by promoting creative and innovative science, and by providing pilot support for hypothesis generation and testing, and building teams to address questions in translational science. The rules and award categories have changed slightly this year. There are four different categories of projects and the collaboration requirements and funding amounts vary by project type. The Pilot Program is funded by NIH, the New Jersey Health Foundation (NJHF), and each of the academic partners. [View](#)

Princeton University internal funds – Council of the Humanities: Short-Term Visiting Fellows (virtual) – \$2,500 – Nomination Due: 3/22/21

Funds short-term visiting fellowships at Princeton for distinguished humanities scholars

Chairs of humanities departments are invited to nominate distinguished scholars in the humanities for intensive three- to five-day visits during which these Fellows lecture and participate in classes, colloquia and informal discussions. Please note that at this time, **FY22 nominations will be considered only for virtual fellowships**, based on guidance from the Provost and Dean of the Faculty. [View](#)

Princeton University internal funds – Council of the Humanities: Belknap Visitors and Belknap Global Conversations – Amount varies – Nomination Due: accepted on a rolling basis

Supports brief campus visits by distinguished individuals in the arts and letters

The **Belknap Visitors in the Humanities** program was created to recognize distinguished individuals in the arts and letters. Belknap Visitors spend an intensive day on campus. Any member of the Princeton community may nominate a visitor; however, as Belknap visits require significant advance planning, nominations are usually made a year or more in advance. The **Belknap Global Conversations** program brings distinguished writers, artists, and scholars to campus for conversations that bridge “arts and ideas” in a global context. The program aims to provoke dialogue on a theme of broad interest in the realm of arts and letters that cuts across disciplinary boundaries and world regions. The Belknap Global Conversations program is intended to encourage new cross-departmental collaborations and to serve as primary financial support for a multi-departmental project that will be organized and hosted by the Humanities Council. Proposals for conversations are invited from faculty in any department or program, and should be made well in advance, ideally as part of planning for the year ahead. [View](#)

Brain & Behavior Research Foundation – BBRF Young Investigator Grant – \$35K to \$70K – Application Due: 3/25/21

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

The BBRF is committed to alleviating the suffering caused by mental illness through advances in scientific research. The Young Investigator program helps promising researchers to launch careers in neuroscience and psychiatry by either extending their postdoctoral fellowship training or beginning independent faculty positions, and gathering pilot data to apply for larger federal and university grants. All research must be relevant to the understanding, treatment and prevention of serious psychiatric disorders or early onset brain and behavior disorders. [View](#)

Chan Zuckerberg Initiative (CZI) – Essential Open Source Software for Science, Cycle 4 – \$100K to \$400K – Letter of Intent Due: 3/30/21

Funding for ongoing software projects that are essential to biomedical research

CZI is inviting researchers to apply for funding for software projects that are essential to biomedical research. The goal of the program is to support software maintenance, growth, development, and community engagement for these critical tools. Projects should have already demonstrated impact, show potential for continued improvement, and expect to deliver added value to the biomedical research community. [View](#)

National Science Foundation #21-549 – Center for Advancement and Synthesis of Open Environmental Data and Sciences – \$20M – Letter of Intent Due: 4/1/21

Establishes a Center to collaboratively address scientific questions in environmental biology using large datasets

NSF seeks to establish a Center fueled by open and freely available biological and

other environmental data to catalyze novel scientific questions in environmental biology through the use of data-intensive approaches, team science and research networks, and training in the accession, management, analysis, visualization, and synthesis of large data sets. The Center will provide vision for speeding discovery through the increased use of large, publicly accessible datasets to address biological research questions through collaborations with scientists in other related disciplines. The Center will be an exemplar in open science and team science, fostering development of generalizable cyberinfrastructure solutions and community-driven standards for software, data, and metadata that support open and team science, and role-modeling best practices. [View](#)

Environmental Research & Education Foundation – Sustainable Solid Waste Management Practices – \$15K to \$500K – Topic Approval Request (if required) Due: 4/1/21; Preproposal Due: 5/1/21

Supports research to improve sustainable management of solid waste

EREF funds research that addresses all areas of integrated solid waste management, with a strong focus towards research that increases sustainable solid waste management practices. EREF defines solid waste to include: municipal solid waste (e.g., residential, commercial, institutional); construction & demolition debris; certain industrial wastes (e.g., exploration & production waste, coal ash); and other wastes typically managed by the solid waste industry or generated by the public not included in the above items (e.g., electronic waste, disaster debris, etc). [View](#)

Microsoft Corporation – AI for Earth – Up to \$15K in Azure compute credits – Application Due: 4/5/21*

Provides AI and cloud computing support for research in biodiversity, climate change, agriculture, and food

AI for Earth Grants provide access to Microsoft resources to support projects that change the way people and organizations monitor, model, and manage Earth's natural systems. The Azure compute credit grant provides Azure credits worth up to \$15K to researchers who already have access to a labeled dataset and are ready to start using Azure AI tools and cloud computing. Recipients of AI for Earth grants also have access to additional resources – technical advice and support, online Azure training materials, and invitations to the AI for Earth Summit for networking and education opportunities. *NOTE: Proposals are accepted on a rolling basis and reviewed four times a year; remaining 2021 dates are April 5, July 5, and October 4. [View](#)

James S. McDonnell Foundation – Understanding Human Cognition: Opportunity Awards – Up to \$250K – Application Due: 4/9/21

Funds new research projects to study human cognition and behavior during real-world activities

The JSMF Opportunity Awards provide seed funds for researchers to design and carry out new studies motivated by questioning, revisiting, or re-examining the current state of academic knowledge of human cognition and behavior. New theories, tools, and techniques have opened opportunities for rigorously studying cognition and behavior as individuals engage in real-world activities in ways not

previously possible. Applications will be considered from researchers who are not *now* using these approaches, but who want to adopt this approach as a way of conceptualizing, designing, and pursuing an understanding of human cognition and behavior. [View](#)

American Meteorological Society - AMS Graduate Fellowship in the History of Science - \$20K - Application Due: 4/9/21

Supports students completing a dissertation on the history of the atmospheric, or related oceanic or hydrologic sciences

This fellowship supports one year of dissertation research in the history of the atmospheric, or related oceanic or hydrologic sciences, and fosters close working relations between historians and scientists. An effort will be made to place the student into a mentoring relationship. Applications from women, minorities, and disabled students, traditionally underrepresented in these fields, are encouraged.

[View](#)

Whitehall Foundation - Research Grants and Grants-in-Aid - \$30K to \$225K - Letter of Intent Due: 4/15/21*

Supports research in invertebrate and vertebrate neurobiology to better understand behavior

The Whitehall Foundation assists basic scholarly research in areas of the life sciences that are not heavily supported by other funders. Its current area of interest is how neural mechanisms involved in sensory, motor, and other complex functions in invertebrates and vertebrates relate to behavior. The Foundation emphasizes the support of scientists at the beginning of their careers and productive senior scientists who wish to move into new fields of interest. **Research grants** – usually \$30K to \$75K per year for up to three years – support established scientists of all ages who have not received substantial support from other sources, even for an unrelated purpose. **Grants-in-Aid** – up to \$30K for one year – support assistant professors who experience difficulty in competing for research funds because they have not yet become firmly established. ***NOTE: There are three LOI submission deadlines each year: January 15, April 15, and October 1.** [View](#)

Princeton University internal funds - High Meadows Environmental Institute: Mary and Randall Hack '69 Graduate Award for Water and the Environment - Up to \$10K - Application Due: 4/16/21

Provides dissertation support to graduate students doing research on topics related to water

This award provides research funding to Princeton University graduate students pursuing innovative research on water and water-related topics with implications for the environment, including projects related to climate science, engineering and environmental policy. Projects from a broad range of disciplines are eligible. Funds may be used for a range of purposes, including fieldwork, travel, conference participation, equipment purchases, and costs associated with data analysis and facilities use. Awards are for one year and are nonrenewable. [View](#)

Facebook Research - Sample-Efficient Sequential Bayesian

Decision Making - \$25K and \$50K - Application Due: 4/21/21

Funds innovative research on Bayesian optimization

This RFP seeks innovative ideas and applications of Bayesian optimization that further advance the field. Areas of interest include machine learning, artificial intelligence, and data science. Facebook is committed to open source and will help awardees make the products of this RFP available to the public as part of [BoTorch](#), a modular framework to accelerate the pace of research in the area of Bayesian optimization and unlock new potential applications. [View](#)

Russell Sage Foundation - selected Core Programs - Up to \$175K - Letter of Inquiry Due: 5/4/21

Supports research projects in various areas of the social sciences

[Behavioral Economics](#): Supports novel research that uses insights and methods from psychology, economics, sociology, political science and other social sciences to examine and improve social and living conditions in the U.S., in order to broaden understanding of the social, economic and political consequences of actual behaviors and decisions. Priority will be given to field experiments. The Foundation is especially interested in research at the intersection of behavioral economics and behavioral sciences and its programs on the [Future of Work](#); [Race, Ethnicity and Immigration](#); and [Social, Political and Economic Inequality](#).

[Decision Making and Human Behavior in Context](#): Funds innovative research on decision making across the social sciences that examines causes, consequences, processes, or context from a behavioral or alternative perspective. This initiative will support research proposals from multiple methodological perspectives that will further understanding of decision making processes and human behavior in the contexts of work, race, ethnicity, immigration, and social inequality, broadly conceived, in the U.S.

[Future of Work](#): Supports pioneering research on the causes and consequences of changes in the quality of jobs for less- and moderately-skilled workers and their families. RSF will support research that will broaden understanding of the role of changes in employer practices, the nature of the labor market, and public policies on employment, earnings, and job quality. They are especially interested in addressing questions about the interplay of market and non-market forces in shaping the wellbeing of workers, today and in the future.

[Social, Political and Economic Inequality](#): Funds novel research on the factors that contribute to social, political and economic inequalities in the U.S., and the extent to which those inequalities affect social, psychological, political, and economic outcomes, including educational access, job opportunities, social mobility, civic participation and representation, and the transmission of advantage and disadvantage within and across generations.

Russell Sage Foundation - selected timely issues - Up to \$175K - Letter of Inquiry Due: 5/4/21

Supports social science research on the Covid-19 pandemic and resulting recession, systemic racial inequality, and recent mass protests

In addition to those regular Core Programs accepting LOIs at this time, RSF will also accept LOIs relevant to **any** of its core programs ([Behavioral Economics](#);

[Decision Making and Human Behavior in Context](#); [Future of Work](#); [Race, Ethnicity, and Immigration](#); [Social, Political, and Economic Inequality](#)) that address at least one of the following issues:

[Research on the Covid-19 pandemic and the resulting recession in the U.S.:](#)

Specifically, research that assesses the social, political, economic, and psychological causes and consequences of the pandemic, especially its effects on marginalized individuals and groups and on trust in government and other institutions. Our priorities do not include analyses of health outcomes or health behaviors. RSF seldom supports studies focused on outcomes such as educational processes or curricular issues but does prioritize analyses of inequalities in educational attainment or student performance.

[Research focused on systemic racial inequality and/or the recent mass protests in the U.S.:](#)

Specifically, research that investigates the prevalence of racial disparities in policing and criminal justice and their social, political, economic, and psychological causes and consequences; the effects of the current social protest movement and mass mobilization against systemic discrimination; the nature of public attitudes and public policies regarding policing, criminal justice, and social welfare; and the effects of those attitudes in the current political environment.

National Science Foundation #21-561 – Stimulating Collaborative Advances Leveraging Expertise in the Mathematical and Scientific Foundations of Deep Learning (SCALE MoDL) – Up to \$1.2M – Proposal Due: 5/12/21

Supports cross-disciplinary research into the foundations of deep learning

Proposed research activities should focus on explicit topics involving some of the most challenging theoretical questions in the general area of Mathematical and Scientific Foundations of Deep Learning; a wide range of scientific themes may be addressed. PI teams must collectively possess appropriate expertise in three disciplines - computer science, electrical engineering, and mathematics/statistics. Each project must clearly demonstrate substantial collaborative contributions from members of their respective communities; projects that increase diversity and broaden participation are encouraged. Each collaboration should conduct training through research involvement of postdocs, graduate students, and/or undergraduate students from across this multi-disciplinary spectrum. [View](#)

National Science Foundation #21-564 – Future Manufacturing (FM) – Up to \$3M – Proposal Due: 5/14/21

Funds cross-disciplinary research to advance new manufacturing capabilities and develop the future workforce

This program supports fundamental research and education of a future workforce to overcome scientific, technological, educational, economic and social barriers in order to enable new manufacturing capabilities that do not exist today. Future Manufacturing will require major advances in technologies and algorithms for the synthesis and production of new materials, chemicals, devices, components and systems of assured quality with high yield at reasonable cost. It will require new advances in artificial intelligence and machine learning, new cyber infrastructure, new approaches for mathematical and computational modeling, new dynamics and control methodologies, new ways to integrate systems biology, synthetic biology and bioprocessing, and new ways to influence the economy, workforce, human behavior, and society. Cross-disciplinary partnerships among scientists, engineers,

social and behavioral economists, and experts in arts and humanities may be required to provide solutions that are equitable and inclusive. [View](#)

National Science Foundation #21-568 – Boosting Research Ideas for Transformative and Equitable Advances in Engineering (BRITE) – Funding Varies by Track – Proposal Due: 5/25/21

Supports tenured engineering faculty looking to forge new directions or enter new fields

The BRITE program enables and creates opportunities to advance scientific discoveries and new research using a variety of approaches that harness the national talent ecosystem of experienced faculty. Recognizing that a successful faculty research career is neither linear nor continuous, this solicitation seeks proposals that enable experienced researchers and scholars (tenured or equivalent) to forge new directions or to enter new fields by capitalizing or branching out of their established knowledge domains. Proposals should address fundamental research that creates new knowledge in one or more program areas within the NSF Division of Civil, Mechanical and Manufacturing Innovation. Funding is \$100K-\$200K per year for 2-5 years, depending on Track. **There is an informational webinar on March 19, 2021 at 12:00 PM EST.** [View](#)

Princeton University internal funds – High Meadows Environmental Institute: Biodiversity Challenge – Up to \$150K – Proposals Due: 5/30/21

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

The Thomas A. and Currie C. Barron Family Biodiversity Research Challenge Fund, or Biodiversity Challenge, seeks to catalyze interdisciplinary faculty-led scholarship and research – with a significant undergraduate-focused educational component – that enhances our understanding of biodiversity and examines the effects of environmental change on biodiversity, while exploring what can be done to stem the loss of biodiversity by directly addressing barriers to conservation. Faculty and senior research staff are encouraged to move into a new area of research and/or produce collaborations involving two or more faculty from different academic disciplines and with potential to attract larger external sources of support. [View](#)

National Institutes of Health #PAR-19-343 – Maximizing Opportunities for Scientific and Academic Independent Careers (MOSAIC) Postdoctoral Career Transition Award to Promote Diversity – Amount TBD – Application Due: 6/12/21

Supports the transition of postdocs from diverse backgrounds into independent faculty members in the biomedical sciences

This MOSAIC program supports a cohort of early career, independent investigators from diverse backgrounds conducting research in NIH mission areas, in order to enhance diversity in the biomedical research workforce. It is designed to facilitate a timely transition of promising postdoctoral researchers from diverse backgrounds from their mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions at research-intensive institutions. The program will provide independent NIH research support before and after this transition to help awardees launch successful, independent research careers. [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