Research Funding Announcement
August 12, 2021

Visit the Princeton Research Funding Gateway for more funding opportunities.

Dear Deans, Chairs, Directors, Faculty, 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 Princeton colleagues 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.

Alerts and Notices

Nine exploratory research projects have been selected to receive support from the Dean for Research Innovation Fund, including two environmental research projects that establish new collaborations with industry partners.

Federal Government Limited Submission Funding Opportunity notices (those notices that include an organizational submission limit) are now posted to the Princeton Research Gateway under the Limited Submission Funding Opportunities filter. They represent a curated list of opportunities that may be of interest to Princeton researchers. The Research Gateway does not include every available limited submission opportunity offered by the 26 federal grant-making agencies. If you are interested in applying to a limited submission opportunity that is not posted on the
Research Gateway, please notify your ORPA Grant and Contract Administrator via email with a cc: mthompso@princeton.edu as soon as possible.

Princeton's 16th Annual Innovation Forum will be held in a virtual format on October 7, 2021 at 1 pm. Co-sponsored by the Keller Center, the Office of Technology Licensing, and the Humanities Council, this competition and networking event showcases Princeton research with commercialization, cultural or societal potential.

The National Institutes of Health has updated its Strategic Plan, which lays out its vision for biomedical research direction, capacity, and stewardship, and articulates its highest priorities for the next five years.

The National Heart, Lung, and Blood Institute invites comments and suggestions on a proposal for a new trans-NIH research initiative to support the development of novel research approaches, tools, technologies, and informative biomarkers or biosignatures, and/or social and behavioral factors that enable the identification of patients or patient populations susceptible to developing post-acute-sequelae of SARS-CoV-2 infection (PASC). Responses must be submitted by August 27, 2021.

As previously mentioned, there will be only this one issue of the Research Funding Announcement in August. As a result, as well as due to the many funding opportunities with August–October deadlines, this issue is quite lengthy. We encourage you to persevere on to the end, however, as there are many interesting opportunities listed, with something for faculty and researchers in every academic division.

Upcoming Funding Opportunities

National Aeronautics and Space Administration
#80HQTR21NOA01 – SpaceTech–REDDI–2021 – amount varies by topic – Notice of Intent Due: 8/20/21*

Funds work on the pioneering new technologies and capabilities needed for the exploration of the Moon, Mars, and beyond

“Space Technology Research, Development, Demonstration, and Infusion-2021 (SpaceTech-REDDI-2021)” is the NASA Space Technology Mission Directorate (STMD) umbrella NRA solicitation. The focus of this umbrella NRA is to identify the best ideas and talents from all sectors of the aerospace enterprise to solve future technology needs while maximizing the value of the Nation’s investment. Proposals for space technology research, development, and demonstration in support of STMD will be solicited through Appendices under this umbrella solicitation as technology topics are defined and funding is made available for new opportunities.

*The next deadline is for the Lunar Surface Technology Research (LuSTR) Opportunities, which are focused on the development of early- to mid-Technology Readiness Level lunar surface technologies of high priority to NASA’s Mission Directorates. Up to 4 awards will be made of $1M-$$2M each. A Notice of Intent (strongly encouraged but not required) is due by August 20; proposals are due by September 17, 2021. Please refer to https://www.nasa.gov/directorates/spacetech/solicitations for other Appendices that have been released, as well as anticipated dates for future releases. View
Facebook Research – Benchmarking City-Scale 3D Map Making with Mapillary Metropolis – $50K to $100K – Proposal Due: 8/24/21

Supports development of computer vision algorithms to improve semantic 3D building

Facebook is soliciting proposals that leverage its new Mapillary Metropolis data set (available August 31, 2021) to improve basic computer vision (CV) algorithms that use one or preferably multiple data modalities from the data set for improving semantic 3D building. The city-scale Mapillary Metropolis data set is designed with the goal of creating a completely novel and complex benchmarking paradigm for training and testing CV algorithms in the context of semantic 3D map making. View

National Science Foundation #NSF 19-575 – Methodology, Measurement, and Statistics (MMS) – TBD* – Proposal Due: 8/26/21

Funds development of innovative analytical and statistical methods and models in the social, behavioral, and economic sciences

The interdisciplinary MMS Program in the Directorate for Social, Behavioral, and Economic Sciences supports the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social, behavioral, and economic sciences. The following types of awards are covered under this RFP: Regular Research Awards; Awards for conferences and community-development activities; Doctoral Dissertation Research Improvement (DDRI) Grants; and Research Experience for Undergraduates (REU) Supplements. *Award amount varies based on type and scale of funded projects; recent award amounts have ranged from $189K–$389K. View

National Science Foundation #NSF 19-582 – Research Experiences for Undergraduates (REU): Sites and Supplements – TBD* – Proposal Due: 8/25/21

Supports substantive research experiences for undergraduates to encourage them to pursue careers in science and engineering

The REU program supports active research participation by undergraduate students in any of the areas of research funded by the NSF. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research (during the academic year and/or summer): (1) REU Sites are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. (2) REU Supplements may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects. So that the REU program can succeed in attracting students into science and engineering who might not otherwise consider those majors and careers, projects are encouraged to involve students in the early stages of their college experience. Undergraduate student participants in either REU Sites or REU Supplements must be U.S. citizens, U.S. nationals, or permanent residents. *Funding amount is determined by the number of participating students and the number of weeks doing research, as well as the total length of
Princeton University internal funds – Humanities Council: Co-Sponsorships – $250 to $2,500 – Application Due: 8/30/21*

*Faculty proposals for co-sponsorship are accepted throughout the year and considered on a rolling basis; requests should be submitted at least one month in advance of the proposed event. Graduate-student-initiated proposals for events in fall 2021 must be submitted by August 30, 2021; requests for spring 2022 must be received no later than January 24, 2022. All proposals must be endorsed by a department chair.

Department of Energy #DE-FOA-0002546 – Research Opportunities in High Energy Physics – $60K to $15M* – Letter of Intent Due: 8/31/21

*Awards are expected to range from $20K–$5M per year over an average period of three years. A Letter of Intent (strongly encouraged but not required) is due by August 31 at 5 pm; a full application will be due by October 5, 2021 at 11:59 pm.

National Institutes of Health #PAR-21-247 – Technology Development for Single-Molecule Protein Sequencing – amount varies by Phase; see below – Letter of Intent Due: 9/1/21*

*Supports applications from small businesses to develop technologies for single-molecule protein sequencing

The NIH is seeking applications for Small Business Innovation Research (SBIR) Grants – Phase I, Phase II, and Fast-Track – to catalyze major advances in single-molecule protein sequencing through technology development. The goal of this initiative is to achieve technological advances over the next five years that enable generation of protein sequencing data at sufficient scale, speed, cost and accuracy to use routinely in studies of genome biology and function, and in biomedical and clinical
research in general. Exploration of methods other than those currently being commercialized is highly encouraged. **Total funding support (direct costs, indirect costs, fee) normally may not exceed $256,580 for Phase I awards and $1,710,531 for Phase II awards**; however, these requested amounts may be exceeded for specific topics and following specific procedures. Award periods normally may not exceed 6 months for Phase I and 2 years for Phase II. *A Letter of Intent (strongly encouraged but not required) is due by September 1; applications for this round of funding are due October 1, 2021. NOTE: Under the SBIR program, for both Phase I and Phase II, the primary employment of the Program Director/Principal Investigator must be with the small business concern at the time of award and during the conduct of the proposed project. For projects with multiple PDs/Pis, at least one must meet the primary employment requirement. Also, the Applicant Organization must be the company, not the University. Faculty members desiring assistance in proposal preparation should contact Coleen Burrus, Director of Corporate Engagement & Foundation Relations (CEFR), at cburrus@princeton.edu or 609-258-5954. View

**Development2030 and AidEx – Sustainable Initiative of the Year Award – prize is unknown** – Nomination Due: 9/3/21

*Prize honoring an economically successful, environmentally friendly work strategy*

One of two new awards to be announced at the **Development2030 – Beyond Aid** conference on November 17-18 in Brussels. With a huge positive uptake of climate consciousness around the world, this prize seeks to reward the best example of a green strategy – how working in environmentally friendly ways does not have to sacrifice economic productivity. *It is not known what the prizewinner will receive.* View

**National Institutes of Health #PAR-21-275 – The Role of Work in Health Disparities in the U.S. – amount varies by project** – Application Due: 9/5/21

*Funds population-based research to help identify and describe ways that work and occupation influence health outcomes among selected minority groups*

Supports innovative population-based research that can contribute to identifying and characterizing pathways and mechanisms through which work or occupation influences health outcomes and health status among populations with health and/or health care disparities, and how work functions as a social determinant of health. Of particular interest are projects designed to examine pathways and mechanisms using conceptual model(s) grounded in minority health and health disparities theories that recognize that health disparities arise by multiple and overlapping contributing factors acting at multiple levels of influence. Studies must examine NIH-designated U.S. health disparity populations (e.g., racial/ethnic minority populations, sexual/gender minority groups, underserved rural populations, and socioeconomically disadvantaged populations of any race or ethnicity), and primary data collection with human participants is strongly encouraged. Projects may take up to five years. *Application budgets are not limited but need to reflect the actual needs of the proposed project. Applicants requesting $500K or more in direct costs in any year (excluding consortium F&A) must contact a Scientific/Research Contact at least 6 weeks before submitting the application and then follow special application instructions.* View

**Library of Congress #NOFO–030ADV21R0637 – Of the People: Widening the Path: Community Collections grants to**
Organizations – Up to $60K – Proposal Due: 9/7/21 by noon

Limited Submission Opportunity

Supports the creation of contemporary archival collections focusing on the cultures and traditions of diverse communities in the U.S.

The Library of Congress is announcing a Notice of Funding Opportunity (NOFO) to award grants in support of contemporary ethnographic field research and cultural documentation focusing on the cultures and traditions of diverse, often underrepresented, communities across the United States. Through a gift from the Andrew W. Mellon Foundation, the Library will support a multiyear initiative that entails public participation in the creation of archival collections to be preserved at the American Folklife Center and made accessible through the Library of Congress’ website. The major goals of this grant program are to enable communities to document their cultural life and experiences from their own perspectives, while enriching the Library’s holdings with diverse materials featuring creativity and knowledge found at the local level. As such, successful applications will come from individuals closely affiliated with the community they propose to document. **NOTE: This is a Limited Submission opportunity, for which the University can submit only one proposal. Interested faculty must email Maureen Thompson-Siegel, Senior Grant and Contract Administrator in ORPA, at mthompso@princeton.edu for instructions on how to submit their project idea for consideration.**

Rutgers-Princeton Cancer Institute of New Jersey Consortium – Cancer Relevant Research Pilot Award Program: Humanities, Population Science and Health Policy – Up to $65K – Proposal Due: 9/15/21 by 11:59 am

Supports smaller projects to develop new approaches to the study, diagnosis, treatment or prevention of cancer

Supports behavioral, disparities, social, health policy and related sciences research on cancer focused or cancer relevant (e.g., obesity, tobacco use, physical activity, built environment) topics. Projects should be discrete, hypothesis-driven, and well-defined, and be realistically completed in a one-year period with limited levels of funding. Applicants must be full-time Princeton faculty; **collaborations** with Cancer Center Members are encouraged but not required.

John S. and James L. Knight Foundation – Combatting Disinformation in Communities of Color – Up to $175K – Preliminary Proposal Due: 9/15/21*

**Funds research leading to actionable insights to lessen the effects of targeted disinformation in communities of color**

Supports research that can inform near-term interventions that mitigate the impacts of disinformation and targeted online manipulation of communities of color. A wide range of projects will be considered; ideas can include: Publication development, including special journal issues or volumes; Course relief to enable research; Research assistance; Targeted investigative reporting projects; Symposia, workshops or other convenings that advance practical, actionable insights; and Data or technology acquisition. **Preliminary proposals are due no later than September 15; invited full proposals will be due in October 2021 (exact date TBD). There will be an informational webinar on September 1 at 3 pm (register [here](#)).**

Facebook Research – Facebook Fellowship Program – Tuition + $42K stipend* – Application Due: 9/20/21 by 11:59 pm PST
Encourages and supports promising doctoral students who are engaged in innovative research of interest to Facebook

Provides fellowships for full-time PhD students involved in ongoing research related to one or more relevant disciplines, and who are not already actively being funded by Facebook through some other sponsorship or collaboration, and/or not actively being supervised (or co-supervised) by a Facebook researcher. *The Fellowship amount includes four semesters of tuition and fees, a $42K annual stipend, a paid visit to Facebook headquarters for the annual Fellowship Summit, and opportunities to engage with Facebook researchers. View

Environmental Protection Agency #EPA-G2021-ORD-E1 – National Priorities: Water Innovation, Science, and Engagement to Advance Water Reuse – Up to $3.2M* – Application Due: 9/29/21 by 11:59 pm **Cost Sharing Required**

Supports research addressing environmental problems associated with water quality and availability, and advancing clean and safe water reuse goals. Cost sharing required.

The EPA is seeking applications proposing to accelerate water innovation, information availability, and engagement to advance clean and safe water reuse goals, promote better understanding of the Nation’s water and wastewater treatment and infrastructure, and enhance the availability and efficient use of water resources through water reuse. This request for applications (RFA) is intended to address multiple water reuse sources and applications to support national efforts to reduce technological and institutional barriers for expanded water reuse. The proposed research should be national in scope and address environmental problems associated with both water quality and availability. Applications may be submitted for projects that involve human subjects research. *Up to a total of $3,246,000 in federal funds, including direct and indirect costs, may be requested, with a maximum duration of 4 years. NOTE: COST SHARING IS REQUIRED; each applicant must contribute a minimum 25% non-federal cost share/match of the federal funds awarded which may include in-kind contributions. View


Provides funding for research on the multiple impacts of climate change on the health of marine ecosystems

Will support research projects seeking to understand the combined impacts of multiple stressors on the function and health of marine ecosystems within the context of climate change. This information will be used to improve place-based management of marine protected areas and enable the proactive protection of these critical ecosystems under future climate scenarios. One or two projects are expected to be supported for up to four years in duration, with an approximate annual budget for each project of up to $1M. *The mandatory Letter of Intent must be submitted by e-mail to nccos.grant.awards@noaa.gov no later than October 4; responses to LOIs should be expected by approximately October 18. Full applications are due January 18, 2022 by 11:59 pm. View

National Institutes of Health #PAR-21-254 – Investigator Initiated Research in Computational Genomics and Data
Science (R01) – Up to $500K – Application Due: 10/5/21

Funds research in computational genomics, data science, statistics, and bioinformatics that is broadly applicable to human health and disease

Supports a broad range of research efforts in computational genomics, data science, statistics, and bioinformatics relevant to one or both of basic or clinical genomic science, and broadly applicable to human health and disease. This FOA funds fundamental genomics research that develops innovative analytical methodologies and approaches, early-stage development of tools and software, and refinement or hardening of software and tools of high value to the biomedical genomics community. Projects should be enabling for genomics and be generalizable or broadly applicable across diseases and biological systems. The maximum award period for these R01 Research Projects is 5 years. For shorter (Exploratory/Developmental) projects, see Companion Funding Opportunity #PAR-21-255 below (due October 16, 2021). View

Simons Foundation – Mathematics and Physical Sciences Division: Simons Symposia – see below* – Application Due: 10/5/21

Convenes mathematicians, theoretical physicists, and theoretical computer scientists to collaborate on significant and timely topics

Brings together mathematicians, theoretical physicists, and theoretical computer scientists to interact and collaborate in a series of three symposia, held every two years and focusing on one topic or a tightly connected group of topics. Each symposium, held over five days, may have up to 23 participants. *A symposium series is initially approved for one year and renewed for up to two more meetings if successful. All expenses, including travel, lodging and meals for participants, will be covered by the Foundation, and support will be provided at the conference site. View

National Science Foundation #PD 20-1264 – Algebra and Number Theory Program – TBD* – Proposal Due: 10/8/21

Funds research in algebra, algebraic and arithmetic geometry, number theory, and representation theory

The Algebra and Number Theory program supports research in algebra, algebraic and arithmetic geometry, number theory, and representation theory. NSF’s Division of Mathematical Sciences will hold virtual office hours on August 19 from 3:30-4:30 pm that will include a brief introduction to this program; register here. *Award range is not listed; recent awards ranged from approximately $123K–$263K. Conferences, workshops, summer/winter schools, and similar activities are funded through a separate RFP (#21-541). View

National Science Foundation #NSF 21-528 – Campus Cyberinfrastructure – amount varies by program area – Proposal Due: 10/11/21

Invests in coordinated campus-level networking and cyberinfrastructure improvements for science applications and research projects

The Campus Cyberinfrastructure (CC*) program invests in coordinated campus-level networking and cyberinfrastructure improvements, innovation, integration, and engineering for science applications and distributed research projects. Learning and workforce development (LWD) in cyberinfrastructure is explicitly addressed in the program. Science-driven requirements are the primary motivation for any proposed
activity. Proposals will be evaluated on the strength of the science enabled (including research and education) as drivers for investment and innovation in data networking infrastructure, innovation, and engineering. Proposals should reflect and demonstrate the partnership across campus between the campus Information Technology/networking/data organization, contributing domain scientists, research groups, and educators. Each program area will support awards pursuant to the following budget and duration:

1. Data-Driven Networking Infrastructure for the Campus and Researcher awards: up to $500K total for up to 2 years; 
2. Regional Connectivity for Small Institutions of Higher Education awards: up to $1M total for up to 2 years; 
3. Network Integration and Applied Innovation awards: up to $1M total for up to 2 years (in some cases these awards are limited to $500K total); 
4. Campus Computing and the Computing Continuum awards: up to $400K total for up to 2 years; and 
5. Planning Grants and CI-Research Alignment awards: up to $200K total for up to two years (in some cases, these awards are limited to $100K total). View

**National Institutes of Health #PAR-21-128 – NCI Transition Career Development Award – $150K to $450K – Application Due: 10/12/21**

Supports postdocs transitioning to tenure-track faculty positions in cancer research
The National Cancer Institute Transition Career Development Award supports postdoctoral investigators in transitioning to their first independent tenure-track faculty cancer research positions, with an enhanced probability of success for obtaining independent NIH or other research project grant support. Candidates who have had 2 to 8 years of postdoctoral cancer research training may apply, and if successful, must obtain tenure-track faculty, or equivalent, positions before awards will be issued. Salary (up to $100K per year) and research support ($50K per year) is provided for up to 3 years to allow the investigator to work towards establishing their own independent cancer research program and to prepare an application for cancer research grant support. Applications are due by October 12, 2021, February 12, 2022, or June 12, 2022. View

**University of Pittsburgh School of Medicine – Dickson Prize in Medicine – $50K* – Nomination Due: 10/15/21**

Honors scientists actively engaged in innovative, paradigm-shifting biomedical research that is worthy of significant and broad attention
The school’s highest honor is awarded annually to an American biomedical researcher who has made significant, progressive contributions to medicine, and who is at an especially productive point in their career. *Winners, who must be U.S. citizens, receive a medal, a $50K honorarium, and travel expenses to Pitt to accept the award and present the keynote lecture during the University’s annual campus-wide showcase of scientific research. View

**Clay Mathematics Institute – Clay Research Fellowships – TBD* – Nomination Due: 10/15/21**

Provides postdoctoral fellowships in recognition of exceptional mathematics research and leadership potential
Fellows are selected for their research achievements and their potential to become leaders in research mathematics. All are recent PhD recipients, and most are selected
as they complete their thesis work. Each Fellowship will normally last until the holder is five years beyond the award of their doctoral degree. Fellows are employed by the Clay Mathematics Institute, but may hold their fellowships anywhere in the world, subject to local immigration and employment constraints. *The fellowships provide generous salary and research expenses. View

Princeton University internal funds – Data-Driven Social Science Initiative (DDSS): Large-Scale Grants – Over $5K – Application Due: 10/15/21*

Fund projects at the forefront of quantitative social science research

DDSS’s mission is to promote innovation in quantitative and computational social science. Priority is given to projects that encourage collaboration across and within social science disciplines and fields; advance the use of new research methods, computational analysis, challenging data sets, and other innovations in social science research; impact the larger social science community and beyond; and demonstrate the need for additional computing infrastructure for social science research at Princeton. Applications are welcomed from all fields in social science.

Initial applications for Large-Scale Grants of over $5K are reviewed twice yearly (usually April and October). Successful proposals will contribute to Princeton's infrastructure in quantitative and computational social science, forge multidisciplinary ties, and hold contemporary relevance. Submissions from teams representing multiple Princeton departments are encouraged. *The next due date for applications will be in October 2021; however, the exact day has not been posted yet.

Small Scale Grants of up to $5K are awarded for the development of new project ideas, working groups, data sets, data management/wrangling for existing projects, research infrastructure, and seminars/conferences. Applications are reviewed monthly during the fall and spring semesters.

National Institutes of Health #PAR-21-255 – Investigator Initiated Research in Computational Genomics and Data Science (R21) – Up to $275K – Application Due: 10/16/21

Funds research in computational genomics, data science, statistics, and bioinformatics that is broadly applicable to human health and disease

Invites applications for a broad range of research efforts in computational genomics, data science, statistics, and bioinformatics relevant to one or both of basic or clinical genomic science, and broadly applicable to human health and disease. This FOA supports fundamental genomics research that develops innovative analytical methodologies and approaches, early-stage development of tools and software, and refinement or hardening of software and tools of high value to the biomedical genomics community. Projects should be enabling for genomics and be generalizable or broadly applicable across diseases and biological systems. The maximum project period for these R21 (Exploratory/Developmental) grants is 2 years. For longer projects, see Companion Funding Opportunity #PAR-21-254 above (due October 5, 2021). View

National Science Foundation #NSF 21-600 – Division of Materials Research: Topical Materials Research Programs – amount varies – Proposal Due: 10/16/21*

Provides support for research in many areas of materials science
Research supported by the Division of Materials Research (DMR) focuses on advancing the fundamental understanding of materials, materials discovery, design, synthesis, characterization, properties, and materials-related phenomena. This solicitation applies to the following DMR Topical Materials Research Programs: Biomaterials (BMAT); Ceramics (CER); Condensed Matter Physics (CMP); Electronic and Photonic Materials (EPM); Metals and Metallic Nanostructures (MMN); Polymers (POL); and Solid State and Materials Chemistry (SSMC). Average award sizes vary greatly among Programs. *Proposals are accepted any time after October 15, 2021; however, some Topical Materials Research Programs have specific dates around which submission of proposals in given topical areas is suggested. View

National Science Foundation #NSF 20-612 – Research on Emerging Technologies for Teaching and Learning (RETTL) – Up to $850K – Proposal Due: 10/18/21

Supports transformative research in emerging technologies for teaching and learning

The RETTL program funds exploratory and synergistic research in emerging technologies (to include, but not limited to, artificial intelligence (AI), robotics, and immersive or augmenting technologies) for teaching and learning in the future. The goal is to support transformative research on advanced technologies for teaching and learning to educate a new generation of students, teachers, educators, and mentors to excel in highly technological and collaborative environments of the future. The program accepts proposals that focus on learning, teaching, or a combination of both. The program’s scope is broad, with special interest in diverse learner/educator populations, contexts, and content, including teaching and learning in science, technology, engineering, and mathematics (STEM) and in foundational areas that enable STEM (e.g., self-regulation, literacy, communication, collaboration, creativity, and socio-emotional skills). Maximum project length is 3 years. View

U.S. Economic Development Administration #EDA-HDQ-ARPBBB-2021-2006976 – American Rescue Plan Act Build Back Better Regional Challenge – Up to $500K – Phase 1 Concept Proposal Due: 10/19/21*

Assists regional coalitions in efforts to strengthen regional economies through transformational, resilient economic development projects

Funds transformation of regional economies through a collection of complementary, aligned construction and non-construction projects organized under a singular vision and designed to grow new industries and scale existing ones. The Challenge is designed as a two-phase competition to (1) help regions develop transformational economic development strategies and (2) fund the implementation of those strategies that will create and grow regional growth clusters. Such efforts will help regional economies recover from the pandemic and build economic diversity and resiliency to mitigate impacts of future economic disasters as well as benefit regional workforces and residents through creation of high-quality jobs, increased wages, and revitalized communities. Interested regions should form regional coalitions, in coordination with private sector partners and other partners, that share a common vision for how significant investment from EDA could catalyze wage growth, increased economic growth, the creation of a new industry, and/or the scaling or growth of existing industries in their region. The identified projects should foster economic growth and competitiveness through job creation, capacity building, and attracting private investment. A strong regional growth cluster will need to have a robust strategy for each of four key elements: Regional Assets; Industry Leadership; Sustainability; and Equity. In Phase 1, EDA will provide technical assistance grants of up to $500K to approximately 50-60 coalitions (through a lead institution); these grants will be used
to prepare more detailed applications for transformational projects that benefit their respective geographic regions and are aligned around a holistic approach to building and scaling a strategic industry. In Phase 2, EDA will award each of the 20-30 finalist coalitions $25-75M (and potentially up to $100M) to fund the collection of projects they identified, which will be funded through grants to coalition members. *The deadline for Phase 1 Concept Proposals is October 19; for Phase 1 finalists selected to proceed to Phase 2, the deadline for Full Applications is March 15, 2022. View

Princeton University internal funds – Humanities Council:
Visiting Fellowships – amount varies – Application Due: 10/25/21

**Funds short-term and long-term visiting faculty fellows in the humanities**

**Long-Term Visiting Fellows:** distinguished writers, artists and scholars spend a semester visiting at Princeton, teaching or co-teaching one course. Nominations are invited from chairs of humanities departments and may be made jointly with interdisciplinary programs and committees under the Council’s umbrella.

**Short-Term Visiting Fellows:** distinguished scholars in the humanities lecture and participate in classes, colloquia and informal discussions during intensive three- to five-day visits. Nominations are invited from chairs of humanities departments. View

Getty Foundation/American Council of Learned Societies –
Postdoctoral Fellowships in the History of Art – $65K* – Application Due: 10/27/21

**Supports outstanding postdoctoral scholars in the history of art**

Provides early-career scholars with time to undertake research and/or writing for projects that will make substantial and original contributions to the understanding of art and its history. The ultimate goal of the project should be a major piece of scholarly work by the applicant. Scholars who are citizens of countries other than the U.S. are especially encouraged to apply, as are scholars who have experience studying, teaching, and/or conducting art historical research in non-US contexts. Applicants must have a PhD that was conferred between September 1, 2016 and December 31, 2020. *The Fellowship award includes a $60K stipend, $5K for research and travel expenses, and a special one-week residency at the Getty Research Institute in Los Angeles following the fellowship period. View

Princeton University internal funds – University Center for Human Values: Laurance S. Rockefeller Visiting Faculty Fellowships – TBD* – Application Due: 11/1/21

**Brings scholars from any discipline to campus for full-time research and writing on topics involving human values**

Fellows devote an academic year in residence at Princeton to research and writing about topics involving human values in public and private life. This full-time visiting program is open to scholars in all disciplines provided their research plans qualify. Candidates must have a doctorate or equivalent professional degree and a strong record of research publications appropriate to their career stage. Typically, Fellows hold faculty positions at other universities or colleges; in exceptional cases applications are considered from independent scholars with a high level of scholarly achievement. *Fellows normally receive stipends of up to one-half their academic-year salaries. View
Princeton University internal funds – Mpala Research Fund – $5K to $75K* – Due Date Pending

Supports research and teaching in all disciplines at the Mpala Research Centre in Kenya

Princeton serves as the managing partner for the Mpala Research Centre, a multidisciplinary field-research station in Kenya. The center provides scholars with unparalleled opportunities to conduct research on conservation, sustainable human-wildlife co-existence and semi-arid ecosystems in Africa and, increasingly, on climate change, the environment, and public health. In addition to the Natural Sciences, the site provides unique opportunities for faculty in the Humanities, Social Sciences and Engineering. The Mpala Research Fund aims to support all regular faculty members, research scholars, full-time lecturers, and language lecturers from all disciplines who are interested in exploring or pursuing research opportunities and/or teaching initiatives at Mpala. Applications from faculty with interests in expanding the use of Mpala to fields in the humanities, social sciences, and engineering are especially encouraged. Administrative staff and administrative units involved in or proposing service or experiential learning initiatives are also eligible to apply. As a first step, please email Aly Kassam-Remtulla, Associate Provost for International Affairs and Operations, at akassam@princeton.edu for more information and to indicate interest. *Funding ranges from $5K–$75K per year for up to two years. View

Previously Announced Funding Opportunities – July 22, 2021

Facebook Research – Building Tools to Enhance Transparency in Fairness and Privacy – Up to $100K – Proposal Due: 8/18/21

Funds research to understand and detect issues such as privacy risks and fairness harms in data driven systems

The goal of this RFP is to help academics build tools to more effectively monitor systems to help spot concerns in areas like fairness, privacy, and safety so that trust in data driven systems and AI-powered tools will increase. Areas of interest include, but are not limited to, the following: Privacy Leakage Detection; Safety; Fairness Issue Detection; Interpretability and Explainability; Stability; and Robustness. View

National Institutes of Health #RFA-RM-21-016 – NIH Director’s New Innovator Award Program – Up to $1.5M* – Application Due: 8/20/21

Encourages highly innovative research by extremely creative early-career scientists working in areas relevant to NIH

Supports early-stage investigators of exceptional creativity who propose highly innovative research projects with the potential to produce a major impact on broad, important areas relevant to the mission of NIH. Individuals from diverse backgrounds, including those from underrepresented groups, are strongly encouraged to apply. The review process will emphasize the individual’s creativity, the innovativeness of the research approaches, and the potential of the project, if successful, to have a significant impact on an important biomedical or behavioral research problem. Applications in all topics relevant to the broad mission of NIH are welcome, including, but not limited to, topics in the behavioral, social, biomedical, applied, and formal
sciences and topics that may involve basic, translational, or clinical research. *Awards will be in two multi-year segments of three years and two years. The three-year segment will have an award budget up to $900K in direct costs. The two-year segment will have an award budget up to $600K. View

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**Hudson River Foundation for Science and Environmental Research – Hudson River Fund Research Grants – $30K to $50K – Proposal Due: 8/27/21**

Funds research projects to advance the conservation and restoration of the Hudson River ecosystem

The Foundation supports scientific and public policy research, education, and projects needed to advance the conservation and restoration of the Hudson River ecosystem, with emphasis on studies that bear on its human uses. Currently the Foundation is interested in innovative approaches to understanding current and emerging issues for the Hudson River Estuary and Watershed; areas of interest for this special competition include, but are not limited to: Environmental and Climate Justice; Water Quality; Climate Change Impacts on the Ecosystem; and Emerging Issues of Concern. Those who have not previously received funding from the Foundation, researchers from the social and behavioral sciences, postdoctoral fellows, and early-career researchers within five years post-completion of postdoctoral or graduate studies are especially encouraged to apply. Interested applicants should contact the Foundation to discuss their ideas prior to submitting a proposal (email Jonathan Kramer jkramer@hudsonriver.org or James Lodge jim@hudsonriver.org). View

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**National Institutes of Health #RFA-RM-21-017 – NIH Director’s Transformative Research Award – Amount TBD – Application Due: 9/1/21**

Supports exceptionally creative or unconventional research with the potential for significant impact on scientific paradigms

Assists individuals or teams proposing transformative projects that are inherently risky and untested but have the potential to create or overturn fundamental paradigms and may require very large, flexible budgets. Open to all career stages; no preliminary data required. Researchers from diverse backgrounds, including those from underrepresented racial and ethnic groups, persons with disabilities, and women are strongly encouraged to work with their institutions to develop applications. Projects in all topics relevant to the broad mission of NIH are welcome, including, but not limited to, topics in the behavioral, social, biomedical, applied, and formal sciences and topics that may involve basic, translational, or clinical research. Application budgets are not limited but must be commensurate with the scope of the proposed research; the maximum project period is five years. View

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**National Science Foundation #NSF 21-597 – Secure and Trustworthy Cyberspace Frontiers (SaTC Frontiers) – $5M to $10M – Required Letter of Intent Due: 9/7/21**

Funds large, high-profile research projects on grand challenges in cybersecurity and privacy

Supports ambitious and potentially transformative center-scale projects in the area of cybersecurity and privacy that (1) catalyze far-reaching research explorations motivated by deep scientific questions or hard problems and/or by compelling applications and novel technologies that promise significant scientific and/or societal benefits, and (2) stimulate significant research and education outcomes that promise scientific, economic and/or other societal benefits. Prospective PIs are encouraged to
also consult the SaTC program solicitation (NSF 21-500) for additional details about areas of interest as well as other proposal size classes. SaTC Frontiers projects should be large, multidisciplinary, multi-organizational, and/or multi-institutional, and should provide high-level visibility to grand challenge research areas in cybersecurity.

*A mandatory Letter of Intent is due by September 7; full institutional proposals are due by November 17, 2021.*

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**National Institutes of Health #RFA-RM-21-015 – NIH Director’s Pioneer Award – Up to $3.5M – Application Due: 9/10/21**

**Supports opportunities for exceptionally creative scientists proposing pioneering approaches in areas of interest to NIH**

Assists scientists with outstanding records of creativity pursuing new research directions to develop pioneering approaches to major challenges in biomedical, social science, and behavioral research. Open to all career stages; no preliminary data required. Individuals from diverse backgrounds, including those from underrepresented groups, are strongly encouraged to apply. Projects in all topics relevant to the broad mission of NIH are welcome, including, but not limited to, topics in the behavioral, social, biomedical, applied, and formal sciences and topics that may involve basic, translational, or clinical research. Projects must have a single PI only, and individuals may serve as the PI on only one application.*

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**National Institutes of Health #PAR-21-269 – Research on Interventions that Promote the Careers of Individuals in the Biomedical Research Enterprise – Up to $1.25M – Letter of Intent Due: 9/13/21**

**Funds research on effective, high-impact, scalable interventions to enhance diversity in the biomedical research workforce**

Supports research designed to test interventions to enhance research-oriented individuals' interest, motivation, persistence and preparedness for careers in the biomedical research workforce. Projects are expected to produce research findings that will guide the implementation of interventions in a variety of academic settings and career levels to enhance the diversity of the biomedical research workforce. Collaborative effort is encouraged among biomedical researchers, program administrators, educators, psychologists, sociologists, statisticians, and/or economists, etc. as appropriate, to bring complementary and integrated expertise to ensure rigor, validity, generalizability, and integration of the research elements. Up to $250K in direct costs per year for up to five years may be requested. *Letter of Intent (requested but not required) is due by September 13; full institutional application due by October 13, 2021.*

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**Canada-U.S. Fulbright Program – 2022-2023 Awards for American Scholars – Amount varies – Applications Due: 9/15/21**

**Supports opportunities to conduct research and/or lecture in Canada on a wide range of scholarly topics**

The Canada-U.S. Fulbright Program operates on the principle of reciprocal exchange and provides the opportunity for outstanding American scholars – both prominent and promising – to lecture and/or conduct research in Canada. Awards offer a unique opportunity to explore a wide range of scholarly issues, including important contemporary issues that are relevant to Canada, the U.S., and to the relationship between the two countries. While the competition is officially field-open, the Program is especially interested in scholars in the humanities, in the areas of communications and
culture, in Canadian-American relations, in all areas of contemporary public policy, on topics relating to culture and to the environment, law, indigenous issues, and in pure and applied sciences. **Applicants must be U.S. citizens.**

**Traditional (All Disciplines) Award:** US$12,500 for one semester (4 months). These awards are field open and can be taken up at any university, think tank, or government agency in Canada.

**Postdoctoral Research Awards:** US$30K for one academic year (9 months). Postdoctoral research awards support promising new scholars and assist them in establishing a research base at an important time in their research careers.

**Distinguished Chairs Program:** US$50K for one academic year (9 months). These Distinguished Visiting Research Chairs are targeted opportunities at Carleton University designed to host exceptional scholars and experienced professionals who conduct research in specific areas.

**Research Chairs Program:** US$25K for one semester (4 months). Visiting Research Chairs are targeted opportunities at select universities/institutions designed to host exceptional scholars and experienced professionals who conduct research in a specific area.

**Fulbright-Carlos Rico Award for North American Studies:** US$12,500 for one semester in Canada plus US$2,300 per month in Mexico.

**Specialists Program:** Short-term collaboration on curriculum and faculty development, institutional planning and a variety of other activities at Canadian institutions.

**Fulbright Global Scholar Award:** Allows U.S. academics and professionals to engage in multi-country, trans-regional projects. As a truly worldwide award, U.S. scholars will be able to propose research or combined teaching/research activity in two to three countries with flexible schedule options; trips can be conducted within one academic year or spread over two consecutive years. **View**

**Alfred P. Sloan Foundation – Sloan Research Fellowships – $75K – Nomination Due: 9/15/21**

*Recognizes outstanding early-career faculty with the potential to revolutionize economics, mathematics, or selected fields in the sciences*

The Sloan Research Fellowships seek to stimulate fundamental research by early-career scientists and scholars of outstanding promise. They are awarded in recognition of distinguished performance and a unique potential to make substantial contributions to the Fellow’s field. Candidates must be tenure-track, though untenured, as of September 15 of the nomination year, and hold a PhD or equivalent degree in chemistry, computer science, Earth system science, economics, mathematics, neuroscience, physics, or a related field. *Each department chair may nominate up to three candidates. View*

**National Science Foundation #NSF 20-603 – NSF Dynamic Language Infrastructure–NEH Documenting Endangered Languages (DLI-DEL): Data, Infrastructure & Computational Methods – Up to $450K – Proposal Due: 9/15/21**

*Funds research to advance scholarly knowledge of endangered human languages*

This funding partnership between NSF and the National Endowment for the Humanities supports projects to develop and advance scientific and scholarly knowledge concerning endangered human languages. This effort seeks not only to acquire scientific data that will soon be unobtainable, but to integrate, systematize, and make the resulting linguistic findings widely available by exploiting advances in information technology. The program supports fieldwork and other activities relevant to the digital recording, documentation and analysis, and archiving of endangered language data, including the preparation of lexicons, grammars, text samples, and databases, as well as the development of the next generation of researchers. Funding
is available in the form of one- to three-year senior research grants and/or conference/workshop proposals; there are two submission deadlines annually in September and February. View

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**Sony – Research Award Program – Up to $150K– Application Due: 9/16/21 by 2:59 am EDT**

*Supports cutting-edge faculty research in Sony's areas of interest*

Provides one year of funding for pioneering academic research and helps build a collaborative relationship between faculty and Sony researchers. Sony may ask the PI to support a Sony visiting researcher(s) at Sony's option and expense.  
**Faculty Innovation Award: Up to $100K for research projects in the general areas of Information Technology and Devices & Materials, as well as in Digital Health.**  
**Focused Research Award: Up to $150K to conduct collaborative, focused research in areas of immediate interest to the company.**  
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**National Science Foundation #NSF 20-575 – Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences – Funding varies by Track* – Proposal Due: 9/18/21**

*Encourages research collaborations at the interface between mathematical and life sciences*

NSF’s Division of Mathematical Sciences (DMS) and the National Institute of General Medical Sciences (NIGMS) at NIH plan to support fundamental research in mathematics and statistics necessary to answer questions in the biological and biomedical sciences. This program is designed to encourage new collaborations, as well as to support innovative activities by existing teams.  
*TThere are two submission tracks: Track 1 – for projects of high-risk, high-reward exploratory, or those from new teams of collaborators, with a total budget of up to $600K over up to 3 years, and Track 2 – for projects of large scope from well-established teams, with a total budget of up to $1.2M over 3-4 years. View

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**National Science Foundation – Alan T. Waterman Award – $1M – Nomination Due: 9/20/21**

*Honors exceptional individual achievement in scientific or engineering research*

Recognizes outstanding young researchers in any field of science or engineering supported by NSF. In addition to a medal, the awardee receives a grant of $1M over five years for scientific research or advanced study in the mathematical, physical, biological, engineering, social, or other sciences at the institution of the recipient’s choice. Candidates must be U.S. citizens or permanent residents, and 40 years of age or younger, OR not more than 10 years beyond receipt of the PhD degree, by December 31st of the year in which they are nominated. Institutions may nominate an unlimited number of individuals. View

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**National Science Foundation #NSF 21-591 – Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII) – Up to $175K – Proposal Due: 9/20/21**

*Assists early-career faculty and research scientists in CISE fields who lack...*
**funding for full-time graduate student support**

Grants are intended to support research independence among early-career academics who specifically lack access to adequate organizational or other resources. Funds will support untenured faculty or research scientists in their first three years in a primary academic position after the PhD, but not more than six years after completion of their PhD for proposals submitted in 2021, and not more than five years after completion of their PhD for proposals submitted after 2021. The CRUI program provides sufficient funds for 48 months of graduate student support to enable early-career PIs to launch their research careers. Applicants must not already have (or had) resources available from all other sources sufficient for more than 24 months of full-time graduate student support. In addition, applicants may not have served as the PI on any other federal grants or contracts, with certain exceptions. View

**Simons Foundation – Mathematics and Physical Sciences:**

- **Targeted Grants to Institutes – Up to $600K – Application Due: 9/23/21**
  - Helps math, theoretical physics and theoretical computer science centers to strengthen contacts with the international scientific community
  - Supports established institutes or centers in mathematics, theoretical physics and theoretical computer science to help strengthen contacts within the international scientific community and enable institutes to extend and enhance their missions. This program does not provide primary support for operating or establishing an institute, or support institutes or centers whose main purpose is to provide a focal point for faculty research at a specific university. Grants provide up to $200K per year for up to three years (includes 20 percent indirect costs). View

- **Simons Foundation – Simons Fellows in Mathematics – Amount varies* – Application Due: 9/28/21**
  - Funding extends a single-semester sabbatical research leave to a full academic year
  - Fellowship awards make sabbatical research leaves for tenured faculty more productive by extending them from a single term to a full academic year. For awards made in 2022, the Foundation encourages applications from those severely impacted by COVID-19 and for whom travel during the sabbatical period will be difficult. Award decisions will be based on the applicant’s scientific accomplishments in the five-year period preceding the application and on the potential scientific impact of the work to be done during the leave period. *Salary replacement is provided for up to 50 percent (up to a maximum of $100K) of the Fellow’s current academic-year salary, plus up to $10K for expenses related to the leave. The Fellow’s home institution will receive an additional 20 percent overhead on allowable expenses. View

- **Simons Foundation – Simons Fellows in Theoretical Physics – Amount varies* – Application Due: 9/28/21**
  - Funding extends a single-semester sabbatical research leave to a full academic year
  - Fellowship awards make sabbatical research leaves for tenured faculty more productive by extending them from a single term to a full academic year. For awards made in 2022, the Foundation encourages applications from those severely impacted by COVID-19 and for whom travel during the sabbatical period will be difficult. Award decisions will be based on the applicant’s scientific accomplishments in the five-year period preceding the application and on the potential scientific impact of the work to be done during the leave period. *Salary replacement is provided for up to 50 percent
(up to a maximum of $100K) of the Fellow's current academic-year salary, plus up to $10K for expenses related to the leave. The Fellow’s home institution will receive an additional 20 percent overhead on allowable expenses. View

National Science Foundation #NSF 21-589 – Division of Chemistry (CHE): Disciplinary Research Programs – $450K* – Proposal Due: 9/30/21 or 11/1/21 depending on topic area

Funds research in a wide array of chemical sciences

The projects supported by CHE explore the frontiers of chemical science, develop the foundations for future technologies and industries that meet changing societal needs, and prepare the next generation of chemical researchers. Institutional proposals for individual or small team research projects are submitted to the NSF Division of Chemistry's nine disciplinary research programs through this RFP; there are no restrictions or limits on who may serve as the PI. *Average award size varies among programs but averages $150K per year for three years for single PI awards. Larger awards are anticipated for collaborative projects depending on the number of investigators. View

Heising-Simons Foundation – 51 Pegasi b Fellowship in Planetary Astronomy – Up to $385K – Application Due: 10/1/21

Supports postdoctoral fellowships in planetary astronomy at selected institutions

Provides an opportunity for recent doctoral scientists to develop innovative instrumentation or to conduct novel theoretical and observational research in planetary astronomy. Fellowship research may only be pursued at participating institutions. Each recipient will receive a three-year grant of up to $385K to cover salary, benefits, highly-flexible discretionary spending (e.g., travel, family care, moving expenses, research equipment, personal computers, etc.), and indirect costs. The Foundation particularly welcome applications from individuals who belong to groups that have been historically underrepresented in planetary sciences and astronomy such as women, persons with disabilities, racial and ethnic minorities, persons of minority sexual orientation or gender identity, and others who may contribute to diversification of the field. View

National Science Foundation #NSF 21-590 – Predictive Intelligence for Pandemic Prevention Phase I: Development Grants (PIPP Phase I) – Amount TBD* – Proposal Due: 10/1/21

Funds the development of innovative, interdisciplinary projects to address grand challenges in infectious disease pandemics

This solicitation is for Development Grants as part of NSF’s new PIPP initiative, which focuses on fundamental research and capabilities needed to tackle grand challenges in infectious disease pandemics through prediction and prevention. Institutional proposals must identify an innovative interdisciplinary grand challenge that engages integrated computational, biological, engineering, and social/behavioral approaches to formulate and solve critical problems relating to predictive intelligence for pandemic prevention. Prospective PIs must assemble interdisciplinary teams, and develop proposals that work across scientific, disciplinary, geographic, and organizational divides, push conceptual boundaries, and build new theoretical framings of the understanding of pandemic predictive intelligence, and teams. *Up to a total of $25M is available in FY 2022 for 25-30 eighteen-month PIPP Phase I Development Grants. (NOTE: NSF anticipates releasing a Phase II Center Grants solicitation around 2023; however, a Development Grant is not required to participate in the
IEEE Computer Society – various Society Awards – Recognition varies; see below – Nominations Due: 10/1/21

Honors technical achievement and service to the computer profession and society

Awards recognizing outstanding work by Society members who enhance the field through technical achievement and service to the computer profession and society.

**Charles Babbage Award:** For significant contributions in any aspect of parallel computation.

**Computer Entrepreneur Award:** A sterling silver chalice recognizes managers and leaders responsible for the growth of some segment of the computer industry, or technical managers whose entrepreneurial leadership built the computer industry.

**Women of ENIAC Computer Pioneer Award:** A bronze medal is awarded for significant contributions to concepts and developments in the electronic computer field which have clearly advanced the state of the art in computing.

**Mary Kenneth Keller Computer Science & Engineering Undergraduate Teaching Award:** A plaque, certificate and $2K stipend are awarded to recognize outstanding contributions to undergraduate education through both teaching and service and for helping to maintain interest, increase the visibility of the Computer Society, and make a statement about the importance of undergraduate education.

**Harry H. Goode Memorial Award:** A bronze medal and $2K are awarded to recognize achievements in the information processing field that are considered either a single contribution of theory, design, or technique of outstanding significance, or the accumulation of important contributions on theory or practice.

**Hans Karlsson Standards Award:** A plaque and $2K honorarium is presented in recognition of outstanding skills and dedication to diplomacy, team facilitation and joint achievement, in the development or promotion of standards in the computer industry where individual aspirations, corporate competition, and organizational rivalry could otherwise be counter to the benefit of society. Eligibility is limited to present or past participants in IEEE CS Standards activities.

**Harlan D. Mills Award:** Recognizes researchers and practitioners who have demonstrated long-standing, sustained, and impactful contributions to software engineering practice and research through the development and application of sound theory. The award consists of a $3K honorarium, museum-quality memento, and a possible invited talk during the annual International Conference on Software Engineering (ICSE).

**Richard E. Merwin Award for Distinguished Service:** The highest level volunteer service award of the Computer Society. A bronze medal and $5K are given for outstanding service to the profession at large, including significant service to the Computer Society or its predecessor organizations.

**Edward J. McCluskey Technical Achievement Award:** A certificate and $2K honorarium are presented for outstanding and innovative contributions to the fields of computer and information science and engineering or computer technology, usually within the past ten, and not more than fifteen years.

**Taylor L. Booth Education Award:** A bronze medal and $5K honorarium are awarded for an outstanding record in computer science and engineering education. The individual must meet two or more of the following criteria in the computer science and engineering field: 1. Achieving recognition as a teacher of renown. 2. Writing an influential text. 3. Leading, inspiring or providing significant education content during the creation of a curriculum in the field. 4. Inspiring others to a career in computer science and engineering education.

**W. Wallace McDowell Award:** A bronze medal and $2K honorarium are presented for outstanding recent theoretical, design, educational, practical, or other similar innovative contributions that fall within the scope of Computer Society interest.
Simons Foundation – Simons Collaborations in Mathematics and the Physical Sciences – Up to $8M* – Letter of Intent Due: 10/6/21

*Funds highly collaborative work on significant questions in mathematics, theoretical physics and theoretical computer science*

A Simons Collaboration in MPS should stimulate progress on fundamental scientific questions of major importance in mathematics, theoretical physics and theoretical computer science, where a significant, new development creates a novel area for exploration or provides a new direction for progress in an established field. The questions addressed may be concrete or conceptual, but answering them would constitute a major scientific milestone. The project should involve outstanding researchers in a range of career stages, and be highly collaborative in nature. Excellence of the scientific leadership is one of the main criteria in the selection process. The Collaboration director and their institution must submit the Letter of Intent, as well as the full proposal application, if invited (due by February 15, 2022). If awarded, each PI in the Collaboration will receive their own award and their institution paid separately. *A Collaboration in MPS is budgeted at up to $2M per year for an initial four years; an extension of three additional years may be granted. View*

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National Academies of Sciences, Engineering & Medicine – Jefferson Science Fellowship Program – see below – Application and MOU Due: 10/15/21*

*Faculty fellowships advising government on science and technology in foreign policy and international development*

The program is structured as a partnership between the academic community and the Department of State and the Agency for International Development, designed to meet the challenges of science and technology in foreign policy and international development. Open to tenured faculty in the sciences and engineering who are U.S. citizens; social scientists whose research interfaces with, or is relevant to, foreign policy or international development are also eligible. Fellows spend one year in an on-site assignment in Washington, D.C., that may also involve extended stays at U.S. foreign embassies and/or missions, serving as advisers. The Fellow's salary and benefits will be paid by their academic institution; the NAS will provide a stipend of approximately $50K toward living expenses in the Washington, D.C. metro area, plus a $10K travel budget for fellowship-related travel. *Application and institutional Memorandum of Understanding must be submitted by October 15, 2021; successful applicants will be required to obtain a security clearance. View*

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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!

Best regards,
Coleen Burrus
Director