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

Four faculty members received the President’s Awards for Distinguished Teaching at Princeton’s Commencement, and John Fleming, the Louis W. Fairchild ’24 Professor of English and Comparative Literature, Emeritus, received an honorary degree. Earlier this week, another four faculty members were honored for excellence in mentoring graduate students during the virtual Hooding ceremony.

Overcoming Structural Barriers for Women in Entrepreneurship: A Virtual Workshop (June 21-22) The National Academies of Sciences, Engineering, and Medicine will host a dynamic virtual workshop on June 21-22, 2021 to explore the current structural barriers driving the underrepresentation of women entrepreneurs across science, technology, engineering, and medical industries and strategies to
overcome these barriers. The workshop will bring together experts and leaders to identify promising practices for advancing aspiring and current women entrepreneurs and provide insights on how stakeholders in the innovation ecosystem can address various structural barriers facing women entrepreneurs from diverse backgrounds. To register and learn more about the event, click here.

Upcoming Funding Opportunities


*Funds creative solutions to selected challenges to the widespread adoption of AI systems*

The Trusted AI Challenge series is designed to cultivate, define and fund creative solutions to a set of challenge problems in trustworthy AI that are critical for the widespread acceptance and adoption of AI systems. Applicants should submit a two-page white paper by June 4.

**Topic #1 - Verification of Autonomous Systems**  Submitters will be notified on June 18 if they have been selected as a finalist, and invited to submit a formal proposal within 30 days to an AFOSR Broad Agency Announcement (BAA). Up to three proposals selected under the BAA will be awarded a one-year grant of up to $100K each.

**Topic #2 - Human-Artificial Intelligence Performance Optimization: Trust and Joint Action for Digital Data Analysis**  Submitters will be notified on June 18 if they have been selected as a finalist, and invited to submit a formal proposal within 30 days to an AFOSR Broad Agency Announcement (BAA). Up to three proposals selected under the BAA will be awarded a one-year grant of up to $100K each.

**Topic #3 - Dynamic Bi-Directional Trust in Human-AI Collaborative Systems**  Submitters will be notified on June 18 if they have been selected as the winner. The awardee will submit a full-length white paper (~30 pages) by September 1st, 2021. One award of $75K will be made.


*Recognizes early-career women in STEM fields, and initiatives to support the participation of girls and women in STEM*

The aim of the Awards, in partnership with The Estée Lauder Companies, is to celebrate and support the achievements of women in science, and of all those who work to encourage girls and young women to engage with STEM subjects and who work to support women to stay in STEM careers around the world. Prizes are awarded in two categories: **Science Outreach** (applications accepted from organizations, departments, individuals of any gender, or project teams), and **Scientific Achievement** (open to early-career women researchers). The financial portion of the prize is to be used for initiatives linked to the Awards; however, winners are fully responsible for any tax that may be due on the award. View

Supports research in the areas of ocean exploration, marine archaeology, and ocean technologies

OAR is soliciting proposals focused on any one of the following three themes:
Exploration of the biological, chemical, and physical ocean environments and areas to inform future characterization, research, and responsible ocean stewardship in unknown or poorly explored U.S. deepwater areas; Exploration and discovery of underwater cultural heritage sites and objects; and Application of new or novel use of existing ocean technologies or innovative methods. *Required Pre-proposals must be received by June 21; full institutional proposals are due by October 8, 2021. View

Microsoft Corporation – Microsoft Research PhD Fellowship – Amount varies – Nominations Due: 6/30/21 by 12:00 pm Pacific Daylight Time*

Supports fellowships for graduate students doing research in Microsoft’s areas of interest

Global program that identifies and empowers the next generation of exceptional computing research talent who are pursuing research aligned to Microsoft’s areas of focus. Tuition and fees will be covered for two academic years; a stipend of $42K to help with living expenses is also provided. *Interested third-year PhD students must be nominated by their department. Nominations must be received by June 30 at 12:00 pm (Noon) Pacific Daylight Time; invited proposals and letters of recommendation are due by August 6, 2021. View

French Institutes for Advanced Study (FIAS) – Fellowship Program – Amount varies* – Application Due: 7/6/21 by 6:00 pm (Paris, France time)

Funds fellowships in France for scholars in the humanities, social sciences, and related interdisciplinary fields in the natural sciences

Offers 10-month fellowships in the four Institutes of Paris, Marseille, Montpellier and Nantes (no FIAS fellowships available in Lyon in 2022-23). Applications are welcomed from outstanding scholars and researchers at all career levels, from postdocs to senior faculty and researchers, primarily in the fields of the social sciences and the humanities, as well as at the interface between these disciplines and selected areas of the natural sciences. Scientific priorities vary, depending on the Institute. Researchers from all countries are eligible, but they have to have spent no more than 12 months in France during the three years prior to the application deadline. *Fellowships offer living and travel allowances, accommodation support, and research and training funds. View

Amazon Research Awards (ARA) – Breakthroughs in Online Advertising: Deep Learning Applications for Online Assets – Up to $80K* – Proposals Due: 7/9/21

Provides funding for faculty research relating to online advertising

The mission of Amazon Advertising includes (1) measuring the audience journey and helping brands move the needle on them, (2) achieving synergy among actions to
reach the right audience at the right time, (3) leveraging online assets through machine learning, and (4) enabling advertisers. Proposals related to all of these themes are welcomed, and ARA aims to fund one-year projects leading toward a PhD degree or conducted as a part of postdoctoral work. *Recipients will also receive up to $20K in AWS Promotional Credits.* View

Facebook Research – Instagram Safety and Community Health – Up to $50K – Applications Due: 7/13/21

*Funds research studying the effects of social media platform Instagram on user health and safety*

Facebook is investing in keeping its communities safe and understanding Instagram’s impact on people. It is looking to support research leading to a better understanding of experiences on Instagram that may or may not contribute to the safety and health of its user community. This includes individual researchers addressing a well-defined problem, or multiple university departments collaborating with a diverse set of skills to solve a more complex multi-disciplinary challenge. Research on topics that may affect teen communities or underserved or vulnerable communities is especially encouraged. View

Google Research – Award for Inclusion Research Program – Up to $60K – Application Due: 7/14/21

*Supports faculty whose work in computing and technology helps address the needs of historically marginalized groups*

Recognizes and supports innovative academic research in computing and technology that addresses the needs of historically marginalized groups around the world and creates positive societal impact. This year, there is a particular interest in research areas focused on Accessibility, Algorithmic fairness, Higher education & collaboration, and Participatory ML; however, submissions outside of these areas for research endeavors related to computing or technology that impact historically marginalized groups are welcomed, and researchers from any field that prioritizes participation and co-creation with stakeholders in their work are encouraged to apply. View

Environmental Protection Agency – Water Toxicity Sensor Challenge – Up to $15K – Phase I Submission Due: 7/26/21

*Funds the design of a simple, quick, and affordable sensor to monitor toxicity in water*

A collaborative effort among several government agencies and private sector organizations, this Challenge seeks to help meet the need for better ways to monitor toxicity in water by supporting development of a sensor that can identify whether there are chemical pollutants and natural toxins in various types of water much faster and less expensively than current lab methods for detecting individual, specific chemicals. In Stage 1 of this Challenge, teams will submit designs that could be used to develop biologically-based sensors for use in water systems that can detect the activation of one or more human toxicity pathways. There will be up to three winners of Stage 1, with each winner or team receiving up to $15K each. If the second stage of the Challenge is run, solvers will be asked for a prototype demonstration; the prize pool for Stage 2 is expected to be larger. Identical or essentially equivalent work must not be currently funded by a United States Federal agency. Register here for an Informational Webinar on June 8, 2021 at 2 p.m. View
William T. Grant Foundation – Improving the Use of Research Evidence – Funding amounts given below – Letter of Inquiry Due: 8/4/21 by 3:00 pm

**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.

**Major Research Grants:** $100K to $1M; 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.

**Officers’ Research Grants:** $5K to $50K. Provides support for smaller projects; some are stand-alone, others build off larger projects. There are two deadlines annually: mid-January and early August. [View](#)

William T. Grant Foundation – Reducing Inequality – Funding amounts given below – Letter of Inquiry Due: 8/4/21 by 3:00 pm

**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.

**Major Research Grants:** $100K to $600K; 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.

**Officers’ Research Grants:** $5K to $50K. Provides support for smaller projects; some are stand-alone, others build off larger projects. There are two deadlines annually: mid-January and early August. [View](#)

Princeton University internal funds – Humanities Council: Working Groups – Amount varies – Proposal Due: 8/31/21*

**Supports interdisciplinary reading and discussion groups at Princeton on humanities-related topics**

The Council provides funds, connections, and logistical support for faculty, staff, and postdocs who wish to establish or maintain interdisciplinary, humanities-related reading and discussion groups. Groups may invite guest speakers or periodically host interdisciplinary conferences and symposia. Funds are intended to provide full support for new initiatives or sustain those that are not home-based in a department or program. *Proposals are accepted throughout the year and considered on a rolling basis; priority is given to proposals received by August 31 of the relevant academic year. View*

Government of Canada – Banting Postdoctoral Fellowships – $140K (CAD) – Application Due: 9/22/21
Funds postdoctoral fellowships in Canada in health research, natural sciences, engineering, social sciences, and humanities

This program provides funding to exceptional postdoctoral applicants, both nationally and internationally, who will positively contribute to Canada’s economic, social, and research-based growth. It supports two-year postdoctoral positions at the following: the Canadian Institutes of Health Research (CIHR); the Natural Sciences and Engineering Research Council (NSERC); and the Social Sciences and Humanities Research Council (SSHRC). Applicants to the 2021-22 Banting Postdoctoral Fellowships program must fulfill or have fulfilled all degree requirements for a PhD, PhD-equivalent or health professional degree between September 15, 2018 and September 30, 2022 (inclusively), and must complete their application in full collaboration with the proposed host institution. A Princeton institutional endorsement of applications is required as well; please work with your department’s ORPA contact to obtain this. View

Previously Announced Funding Opportunities – May 13, 2021

Unilever Prestige and Women’s Wear Daily (WWD) – Project Connect – $15K – Applications Due: 5/28/21

Supports entrepreneurs of all kinds in their efforts to humanize technology

Project Connect is designed to support the next generation of entrepreneurs and business leaders at the forefront of the movement to humanize technology for the future marketplace, bridge the digital divide, and strengthen the connection between technology and virtual communication. It offers a chance for entrepreneurs of all kinds to receive grant funding and access a robust package of resources including access to mentorship, opportunities to help scale business, and exposure to new industries and audiences. The ideal grant applicant will find technological solutions that allow for more meaningful social interaction, support new ways of exchanging goods and services, or simply help enhance people’s lives during times of unwanted social isolation. Cash award may have income tax implications for the recipient. View

Air Force Office of Scientific Research #FOA-AFRL-AFOSR-2021-0006 – Young Investigator Research Program – Up to $450K – White Paper Due: 5/31/21*

Funds research and career development for young faculty in selected fields in the sciences and engineering

Supports early-career scientists and engineers who have received Ph.D. or equivalent degrees by April 1, 2014 or later and who show exceptional ability and promise for conducting basic research. The program objective is to foster creative basic research in science and engineering; enhance early-career development of outstanding young faculty investigators; and increase opportunities for the young investigator to recognize the Air Force and Space Force mission and related challenges in science and engineering. Proposed research should advance the state of the art in areas related to the technical problems the U.S. Air Force encounters in developing and maintaining a superior U.S. Air Force; lowering cost and improving the performance, maintainability, and supportability of U.S. Air Force weapon systems; and creating and preventing technological surprise. *Submission of a White Paper to the Program Officer in the appropriate research discipline area is highly encouraged. White papers must be submitted electronically; detailed instructions are included on the submission page. Proposals are due by July 12, 2021. View
Momental Foundation – Mistletoe Research Fellowship – $10K – Application Due: 6/4/21

Provides research funding and professional mentoring to postdocs in most STEM fields and selected social science fields

Open to postdocs in most STEM fields and some fields of social science, this fellowship is designed for individuals whose training heavily emphasizes one or more of the following competencies: quantitative analysis and data manipulation, laboratory science, or engineering. In addition to receiving $10K in funding for their own research, all Mistletoe Research Fellows participate in a professional training program involving collaboration with frontier technology hardware startups on an extracurricular team project overseen by the Foundation. Interested applicants should work with the administrative staff in their department to create their applications. See above attachment for more information about the fellowship. There are two online information sessions with Q&A; advance registration is required. Session 1: Fri., May 14 at 3pm EDT Register HERE for Session 1; Session 2: Wed., May 19 at 8:30pm EDT Register HERE for Session 2

Robert Wood Johnson Foundation – Health Equity Scholars for Action Program (HES4A) – $250K – Letter of Intent Due: 6/16/21*

Supports early-career researchers from underrepresented backgrounds who are conducting health equity research

HES4A seeks to support the career development and academic advancement of researchers from historically underrepresented backgrounds who conduct health equity research. Grants will be awarded to address the challenges that underrepresented researchers experience; help them overcome obstacles to earning tenure; and make progress toward acquiring independent research funding. Grants will support three aspects of career development: research, mentorship, and connection with a community of support. Applicants must have completed a doctoral degree in any field within the last five years, and be either a junior tenure-track faculty member or a postdoc fellow who will be in such a position by December 1, 2021. Eligible individuals include but are not limited to individuals from ethnically and racially minoritized groups underrepresented in research disciplines; first-generation college graduates; people for whom English is not a native language; people from low-income communities; LGBTQ+ individuals; and individuals with disabilities. *Letters of Intent are due June 16. Upon review, selected applicants will be invited to submit a full proposal by September 1, 2021. View

NASA – Break the Ice Lunar Challenge: Phase 1 – $25K to $125K – Due: 6/18/21

Funds research to help NASA design a system for accessing water on the Moon

The development of lunar materials for life support, fuel, energy, manufacturing, and construction is needed to enable the sustained, human presence on the Moon that is critical for developing and testing the technologies and systems needed for future missions to Mars and beyond. One of the most important of these resources is water. This Challenge seeks solutions to the difficulties in excavating and delivering icy regolith in extreme lunar environments. View

Research Corporation for Science Advancement – Cottrell
Scholars Program – $100K – Proposal Due: 7/1/21
Supports research by exceptional early-career faculty in chemistry, physics, and astronomy who demonstrate potential for academic leadership
This program honors and helps to develop outstanding teacher-scholars who are recognized by their scientific communities for the quality and innovation of their research programs and their potential for academic leadership. Eligible applicants are tenure-track faculty who hold primary or courtesy appointments in chemistry, physics, and astronomy departments. Nurturing an interdisciplinary community of outstanding scientific/educational/academic leaders, the CS program fosters synergy among faculty at major U.S. and Canadian research universities. For the 2021 proposal cycle, eligibility is limited to faculty members who started their first tenure-track appointment anytime in calendar year 2018. View

Burroughs Wellcome Fund – Investigators in the Pathogenesis of Infectious Disease – $500K – Required Pre-Proposal Due: 7/16/21*
Supports research by early-career faculty who study pathogenesis in infectious diseases
This five-year award supports accomplished investigators at the assistant professor level who study pathogenesis, with a focus on the interplay between human and microbial biology, shedding light on how human and microbial systems are affected by their encounters. *There is a two-stage application process: required pre-proposals are due by July 16; invited full proposals will be due by November 15, 2021. View

Funds faculty research designed to improve resiliency in wireless and mobile communication, networking, sensing, and computing systems
The RINGS program seeks to accelerate research in areas that will potentially have significant impact on emerging Next Generation (NextG) wireless and mobile communication, networking, sensing, and computing systems, along with global-scale services, with a focus on greatly improving the resiliency of such networked systems among other performance metrics. NSF is joining with government and industry partners to fund collaborative team research that transcends the traditional boundaries of individual disciplines to achieve the program goals. 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