

From: bounce-124815337-85347729@list.cornell.edu on behalf of [Research Development at Cornell University](#)
To: [CU-RES-ADMIN-L](#)
Subject: Research Funding & Engagement Opportunities - July 31, 2020
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To the Cornell University community,

The following upcoming funding and engagement opportunities may be of interest.

NOTE: If you intend to submit to a funding opportunity, please notify your college or department research administration office, or the Office of Sponsored Programs.

For assistance with proposal development, including consultation on proposal strategy; identifying sponsor-specific proposal strategies; coordinating project team meetings; identification of additional campus resources; management of proposal schedule; drafting letters of commitment from Cornell and any partner institutions; and liaising between your proposal team and OSP, please [contact Research Development](#).

Visit [Find Your Next Funding Opportunity](#) for additional resources.

In this Notice

- [American Chemical Society Fall 2020 Virtual Meeting & Expo](#)
- [Cornell Center for Social Sciences](#)
- [DoE Request for Information - Hydrogen Technologies](#)
- [NIH Faculty Institutional Recruitment for Sustainable Transformation \(FIRST\) \(U54 Clinical Trial Not Allowed\)](#)
- [NIH NCI Outstanding Investigator Award \(R35 Clinical Trial Not Allowed\)](#)
- [NSF Methodology, Measurement and Statistics](#)
- [NSF Re-entry to Active Research Program](#)
- [USDA-NIFA New Investigator Grants](#)
- [NSF MPS Alliances for Graduate Education & the Professoriate - Graduate Research Supplements](#)
- [NSF Veterans Research Supplement Program](#)
- [The US Israel Binational Agricultural R&D Fund \(BARD\) Call for Proposals](#)
- [National Academy of Sciences Awards: 2021 Call for Nominations](#)

UPCOMING EVENTS

American Chemical Society Fall 2020 Virtual Meeting & Expo August 17-20, 2020

[Register](#)

The ACS is the world's largest scientific society with members in industry, academia and government. ACS National Meetings are where chemistry professionals meet to share ideas and advance scientific and technical knowledge. By attracting thousands of chemical professionals, the meetings provide excellent opportunities for sharing your passion for chemistry, connecting with the world's largest scientific society, and advancing your career in this ever-changing global economy.

CORNELL CENTER FOR SOCIAL SCIENCES (CCSS)

The CCSS aims to accelerate, enhance and amplify social science research at Cornell University. Working together with the Provost, Vice Provost for Research, and colleges' leadership and faculty, CCSS has developed two main "hubs": the Research Incubation Hub and the Research Support Hub.

- The [Research Incubation Hub](#) enhances research through CCSS grants, CCSS fellowship opportunities, supporting and incentivizing external grants, and will house QuIRI, the new [Qualitative and Interpretive Research Institute](#).
- The [Research Support Hub](#) helps researchers access computational resources, data, statistical and qualitative support, and other research services at Cornell.
- CCSS provides additional resources to the Cornell community, including a [searchable database of Cornell Social Scientists](#), and [research and conference grants](#).

FEDERAL SPONSORS

DoE Request for Information - Hydrogen Technologies

[DE-FOA-0002369](#)

Deadline for responses: August 24, 2020

This RFI seeks input from interested stakeholders, including but not limited to the energy industry, plant owners, operators, equipment manufacturers, architect-engineers and academics about hydrogen technology opportunities and research needs that could lead to advances in hydrogen technologies. This is solely a request for information and is not a Funding Opportunity Announcement. The Department of Energy is not accepting applications to this Request for Information. The National Energy Technology Laboratory (NETL), on behalf of DOE/FE, may use the responses of this RFI for future solicitation activities.

NIH Notice of Intent to Publish FOA for NIH Faculty Institutional Recruitment for Sustainable Transformation (FIRST) (U54 Clinical Trial Not Allowed)

[NOT-RM-20-023](#); [NOT-RM-20-022](#)

The NIH Common Fund, along with its partner NIH Institutes, Centers and Offices, is planning to issue funding opportunity announcements (FOAs) to support the NIH Faculty Institutional Recruitment for Sustainable Transformation (FIRST) Program. The overall program objective is to create cultures of inclusive excellence at NIH-funded institutions by implementing a set of well-integrated, evidence-based strategies and evaluating their impact on pre-specified metrics of institutional culture, inclusion and diversity. The FIRST Cohort initiative will provide one funding mechanism with opportunities for institutions to apply independently or in a partnership arrangement to develop and implement faculty cohort models for the simultaneous hiring of a diverse group of research faculty. The FIRST Coordination and Evaluation Center (CEC) will coordinate and facilitate consortium-wide activities, lead the development of evaluation strategies, instruments, metrics, common data elements, and to assess the impact and outcomes of the FIRST initiative overall. FOAs are expected to be published this Fall with expected application deadlines in November 2020.

NIH NCI Outstanding Investigator Award (R35 Clinical Trial Not Allowed)

[PAR-20-278](#)

Applications: November 6, 2020

Anticipated award amount: \$600,000 direct costs per year, plus applicable F&A costs, for up to 7 years

The objective of the National Cancer Institute (NCI) Outstanding Investigator Award (OIA) is to provide long-term support to accomplished investigators with outstanding records of cancer research productivity who propose to conduct exceptional research. The OIA is intended to allow investigators the opportunity to take greater risks, be more adventurous in their lines of inquiry, or take the time to develop new techniques. The OIA would allow an Institution to submit applications nominating established Program Directors/Principal Investigators (PDs/Pis) for the NCI OIA. It is expected that the OIA would provide extended funding stability and encourage investigators to embark on projects of unusual potential in cancer research. The research projects should break new ground or extend previous discoveries toward new directions or applications that may lead to a breakthrough that will advance biomedical, behavioral, or clinical cancer research. Candidates for the OIA must be nominated by their applicant organization.

NSF Methodology, Measurement and Statistics (MMS)

[NSF 19-575](#)

Proposals: August 27, 2020 & January 28, 2020

Anticipated award amount: varies

The Methodology, Measurement, and Statistics (MMS) Program is an interdisciplinary program in the Directorate for Social, Behavioral and Economic Sciences (SBES) that 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. As part of its larger portfolio, the MMS Program partners with a consortium of federal statistical agencies to support research proposals that further the production and use of official statistics.

This solicitation provides support through the following funding mechanisms:

- Regular Research Awards
- Awards for conferences and community-development activities
- Doctoral Dissertation Research Improvement (DDRI) Grants
- Research Experience for Undergraduates (REU) Supplements

NSF Re-entry to Active Research Program (RARE)

[NSF 20-586](#)

Proposal: Approved PIs have up to 1 year from RARE approval to submit their Track 1 or Track 2 proposal.

Anticipated award amount: typically no more than \$150,000 per year (Track 1) or \$300,000 per year (Track 2)

The Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET) and the Division of Chemistry (CHE) are conducting a Re-entry to Active Research (RARE) program to reengage, retrain and broaden participation within the academic workforce. The primary objective of the RARE program is to catalyze the advancement along the academic tenure-track

of highly meritorious individuals who are returning from a hiatus from active research. A RARE research proposal must describe potentially transformative research that falls within the scope of participating [CBET or CHE programs](#).

- Track 1 of the RARE program is intended to reengage qualified PhD scientists and engineers, and diversify the experiences of the nation's tenure-track STEM faculty. Typically, a Track 1 investigator will have a hiatus in active research, due to a non-traditional career path, a significant personal/family event leading to time away from research, a non-research based appointment, or a lack of funding related to external factors.
- Track 2 of the RARE program will provide retraining grants, and target investigators for which a new research technique is required to conduct transformative research in their field such that they may competitively pursue future federal funding opportunities. Track 2 awards provide the investigator with funds to obtain training on a new technique, typically through seed funding, an apprenticeship, or other training opportunities not otherwise available.
- **Investigators must contact a RARE program director in CBET or CHE to confirm eligibility prior to submission, depending upon which division the PI will apply to. The investigator will receive an e-mail confirmation of eligibility.**

USDA-NIFA New Investigator Grants

The National Institute of Food and Agriculture (NIFA) has introduced a new opportunity for early career researchers. Applicants who meet eligibility requirements as a New Investigator can apply for a Seed Grant or a New Investigator Standard Grant. To qualify for the program, applicants must meet prescribed criteria as a New Investigator. An individual who is beginning their career, does not have an extensive scientific publication record, and has fewer than five years postgraduate career-track experience can apply for a New Investigator Grant for research, education and/or extension activities.

Starting in FY 2021, two types of New Investigator Grants are available:

- New Investigator Standard Grant: an AFRI Standard Grant in all respects except that the PD meets the eligibility criteria for New Investigators.
- New Investigator Seed Grant: available under each program area priority within NIFA. Applications from New Investigators will be reviewed with other Seed Grant applications, with special consideration given to funding New Investigator Seed Grant applications. AFRI Seed Grants provide funds to help investigators collect preliminary data through either domestic or international collaborations or to complete other preliminary activities to prepare for applying for future AFRI grants. They are not intended to fund stand-alone projects, but rather projects that will lead to further research in one of the AFRI-funded priority areas. Seed Grants are limited to a total of \$300,000 (including indirect costs) for up to two years and are not renewable.
- Learn more at [new AFRI funding opportunities](#).

NSF MPS AGEP-GRS (Alliances for Graduate Education & the Professoriate-Graduate Research Supplements)

[NSF 20-083](#)

If you currently have an award from the NSF Directorate for Mathematical and Physical Sciences (MPS), you are eligible to apply for a supplement to defray costs of stipend, tuition, and indirect costs for a graduate research student working on the NSF-MPS-funded research. The support is for a single PhD student, renewable for a total support period of up to three years, contingent upon the duration of the active MPS research award and satisfactory progress of the student towards completion of the PhD.

NSF Veterans Research Supplement (VRS) Program

[NSF 20-111](#)

The National Science Foundation is supporting alternate pathways to encourage veterans' engagement in Science, Technology, Engineering and Mathematics (STEM) research and industry. This Dear Colleague Letter continues the Veterans Research Supplement (VRS) program to engage veterans in engineering research by providing supplements to active awards in the following Directorate for Engineering (ENG) Divisions/Offices:

- Chemical, Bioengineering, Environmental and Transport Systems (CBET);
- Civil, Mechanical and Manufacturing Innovation (CMMI);
- Electrical, Communications and Cyber Systems (ECCS);
- Emerging Frontiers and Multidisciplinary Activities (EFMA);
- Engineering Education and Centers (EEC); and
- Industrial Innovation and Partnerships (IIP).

The VRS affords veterans who are undergraduate and graduate students, K-12 teachers or community college faculty an opportunity to work with active ENG grantees to conduct basic and/or industrially relevant research to gain a deeper understanding of engineering. Veterans supported by VRS funding may participate in research activities with any active awardees or affiliated member companies supported by ENG programs. See full letter for eligibility requirements.

FOUNDATION/NON-PROFIT SPONSORS

The US Israel Binational Agricultural R&D Fund (BARD) Call for Proposals

<http://www.bard-isus.com/>

Proposals: September 15, 2020

Anticipated award amount: varies

BARD is a competitive funding program that supports mission-oriented cooperative agricultural research projects of mutual interest to the United States and Israel. Proposals are expected to deal with an agricultural issue or problem and yield tangible results that could be implemented within a reasonable time after completion of the project. Projects cover all phases of agricultural research and development. Projects focus on increasing agricultural productivity, particularly in hot and arid climates, and emphasize plant and animal health, food quality and safety, and environmental issues. BARD also supports international workshops, and offers fellowships for postdoctoral research, senior research scientists and graduate students.

National Academy of Sciences Awards: 2021 Call for Nominations

Nominations due by October 5, 2020

The National Academy of Sciences is now accepting nominations accepting nominations online for numerous awards in a variety fields and career levels. NAS membership is not required to nominate candidates or to be considered for an award. Self-nominations are not accepted.

- [Award descriptions](#)
- [Nomination instructions and eligibility requirements](#)

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