

From: bounce-127698520-85347729@list.cornell.edu on behalf of [Research Development at Cornell University](#)
To: [CU-RES-ADMIN-L](#)
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Cornell Research Development Digest

Highlighting events, funding opportunities and resources for the Cornell University research community.

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UPCOMING EVENTS

[Technology Networks Symposium on Advances in Drug Discovery & Development 2023](#)

September 27-28th | This online event is aimed at those working within academia and pharmaceutical drug development who want to hear from experts across their field. Focus will be given to the latest advances in small molecule drug discovery and development, biopharma, and biotechnology.

[University of Rochester Seminar with NIH Director of the Center for Scientific Review](#)

October 23rd at 10 AM | The Center for Scientific Review (CSR) oversees the receipt and review of approximately 76% of all NIH grant applications in over 1,200 annual review meetings. CSR has also undertaken several key initiatives to address study section composition, develop proposed changes to NIH peer review, launched initiatives to address bias in peer review and the Early Career Reviewer Program, among others. Hosted by the University of Rochester, Dr. Noni Byrnes will hold a seminar (in-person and via Zoom) about CSR's initiatives to strengthen peer review. Pre-registration is required.

FUNDING OPPORTUNITIES

If you intend to apply to a funding opportunity, please notify your College and/or Department research administrators or the Office of Sponsored Programs (OSP).

[Gairdner Global Health Award](#)

Nominations due October 1, 2023 | This award recognizes scientifically based research that has improved the health and well-being of people facing health inequalities worldwide. The nominees are exceptional scientific investigators who have produced a distinguished body of research contributions by applying rational scientific approaches to discovery, implementation, evaluation, or policy interventions.

[Moore Foundation Experimental Physics Investigators Awards](#)

Preproposals due October 25, 2023 | The foundation will provide support for creative mid-career individuals and their research teams to advance our understanding of physical phenomena and to enable researchers to venture in new directions that have the potential to transform the field. Awards will provide \$1.25 million over five years with some additional funds made available in subsequent years for unforeseen equipment needs. Applicants must have a tenured (or equivalent) position at a U.S. institution and have received this distinction for the first time within the previous five years.

[Simons Early Career Investigator in Aquatic Microbial Ecology and Evolution Awards](#)

LOI due November 1, 2023 | The purpose of these awards is to help launch the careers of outstanding investigators in the fields of microbial ecology, microbial biogeochemistry and/or microbial evolution in marine or natural freshwater systems, who will advance our understanding through field work, experiments, modeling or theory.

[DOE University Turbine Systems Research \(UTSR\)](#)

Applications due November 1, 2023 | The objective of this FOA is to solicit and competitively award university-based R&D projects that address and resolve fundamental scientific challenges and applied engineering technology issues associated with thermal management of combustors and hot gas path components for gas turbines. R&D projects will conduct fundamental and applied research to develop advanced materials and advanced hot gas path components which utilize these advanced materials, advanced cooling architectures, and advanced manufacturing methods.

[DOE Bipartisan Infrastructure Law \(BIL\) – Critical Materials Innovation, Efficiency, and Alternatives](#)

Applications due November 10, 2023 | The overarching goal of this opportunity is to develop domestic supply chains for critical minerals and materials (CMM) by creating paths and strategies to commercialize processes that utilize domestic resources. These activities

can include extraction, separation, processing, refining, alloying, or recycling technologies but should focus on decreasing environmental emissions, reducing resource usage or intensity, and/or optimizing cost. Areas of Interest: CMM Supply Chain, Value Added Products, Next Generation Technologies, Alternative Materials, and Alternative Products.

[Yeun Ren Chao Prize in Language Sciences](#)

Nominations due November 30, 2023 | Organized by The Hong Kong Polytechnic University, the Chao Prize is an international award that honors scholars and researchers who have made distinguished contributions to language sciences.

[NSF Focused Research Groups in the Mathematical Sciences \(FRGMS\)](#)

Proposals due December 1, 2023 | The purpose of the FRGMS activity is to support collaborative groups employing innovative methods to solve specific, major research challenges in the mathematical sciences. Groups may include, in addition to statisticians and mathematicians, researchers from other science and engineering disciplines appropriate for the proposed research. Risky projects are welcome. Interdisciplinary projects are welcome.

Research Development services are focused on proposal development support for teams developing large-scale multi-disciplinary center grants and training grants, as well as tenure-track faculty submitting to early career funding opportunities. Services also include specialized training, such as agency-specific workshops.

**Office of Sponsored Programs and Research
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T (607) 254-2327 | E

research_development@cornell.edu | [Research
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