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To: [CU-RES-ADMIN-L](#)
Subject: Cornell Research Development Digest - December 8, 2023
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Cornell Research Development Digest

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

[Conducting Research at Cornell](#) [Find External Funding](#) [Internal Funding](#) [Grant Writing Resources](#) [About Research Development](#)

If you intend to apply to a funding opportunity, please notify your unit research administrators and office of sponsored programs/research.

UPCOMING EVENTS

[All About the Executive Order on Artificial Intelligence with the White House Office of Science and Technology Policy \(OSTP\)](#)

December 14th at 1pm ET | Hosted by the National Science Foundation (NSF), the White House OSTP hold a briefing for the artificial intelligence research community to provide an overview of the Biden administration's newly release executive order on AI, and its potential to support and accelerate AI research while ensuring the safety and trustworthiness of AI systems. There will be time set aside for interactive question and answer.

INTERNAL FUNDING OPPORTUNITIES

[Mario Einaudi Center Seed Grants](#)

Applications due December 18, 2023 | Seed grants from the Mario Einaudi Center for International Studies promote the work of internationally engaged faculty, including interdisciplinary research, educational initiatives, and events. All disciplines and topics are welcome.

[Cornell Atkinson Center for Sustainability: Climate Solutions Fund 2024 Request for Proposals](#)

Proposals due March 29, 2024 | The program seeks to accelerate cross-disciplinary efforts in the 2030 Project pillars: food & farms of the future; the energy systems of the future; the materials of the future; and the societies of the future – helping to develop systems that support human flourishing while minimizing harmful climate impacts. Proposals might include, but are not limited to, solutions involving renewable and zero-carbon energy production; zero-emission agriculture; decarbonized industrial processes and sustainable material extraction; climate finance and climate policy development; and climate justice and adaptation.

EXTERNAL FUNDING OPPORTUNITIES

[DOE High-Energy-Density \(HED\) Laboratory Plasma Science](#)

Letters of Intent due December 21, 2023 | The DOE SC program in Fusion Energy Sciences (FES) and the NNSA Defense Program (DP) Office of Experimental Sciences jointly announce their interests in receiving applications for new and renewal awards for research in the SC-NNSA Joint Program in High-Energy-Density (HED) laboratory plasmas. This FOA solicits research efforts including experimental, theoretical, and/or computational science. Applications integrating experiments, theory, and simulation are particularly encouraged. Areas of interest are: 1. HED Hydrodynamics, 2. Radiation-Dominated Dynamics and Material Properties, 3. Nonlinear Optics of Plasmas and Laser-Plasma Interactions, 4. Relativistic HED Plasmas and Intense Beam Physics, and 5. Warm Dense Matter.

[NASA ROSES 2023: A.58 Advanced Information Systems Technology \(AIST\) Program](#)

Step-1 proposals due January 12, 2024 | NASA's AIST Program identifies, develops, and supports adoption of software and information systems, as well as novel computer science technologies expected to be needed by the Earth Science Division in the 5-10-year timeframe. This element solicits proposals that fall into one (and only one) of three distinct sub-element topic areas: 1) Early-Stage Technology (EST), or 2) Advanced and Emerging Technology (AET), or 3) Demonstrations and Prototypes (D&P).

[DOD Minerva Research Initiative: University Research Announcement](#)

White Papers due January 15, 2024 | Minerva's University Research program aims to support innovative basic research projects that contribute to the advancement of social science and provides new methods and understandings on social and behavioral questions of security and defense-related interest.

[New York City \(NYC\) Department of Environmental Protection RFP for Regional-Scale Nutrient Assessment for NYC Water Supply Watersheds Study](#)

Proposals due January 22, 2024 | This Study aims to account for patterns (e.g., seasonal, annual) and trends (i.e., change through time) in watershed nutrient export (i.e., nitrogen and phosphorus) to evaluate the influence and interaction of NYC watershed protection programs and climatological change over time. Additionally, this study should support identifying high nutrient source areas and give insights into watershed protection program planning for the future.

[Spencer Foundation Large Research Grants on Education](#)

Letter of Intent due January 24, 2024 | This program offers funding to support rigorous, technically sound research addressing the most pressing questions and compelling opportunities in education. Proposals from multiple disciplines and methodologies are supported. The program is not limited to specific research topics, designs, or methods.

[Carnegie Corporation of NY: Understanding the Forces Shaping the Global Order](#)

Concept Notes due January 28, 2024 | The relationships, rules, institutions, and norms that make up the existing global order face numerous changes and disruptions. This request for proposals will advance and disseminate knowledge and understanding about the key determinants and consequences of the evolving global order.

[NSF Dear Colleague Letter \(DCL\): Mid-scale Research Infrastructure \(RI\) Incubators and Conferences for STEM Education Research with a Focus on Education Equity](#)

Through a continuing collaboration with the Gates Foundation, Schmidt Futures, and the Walton Family Foundation, the Directorate for STEM Education (EDU) offers Incubator Research Coordination Network proposal opportunities that support the development of mid-scale research infrastructure efforts, especially those that enable research on the assets and needs of those historically underrepresented in STEM and that lead to greater education equity. Mid-Scale RI Incubators will develop the groundwork for future Mid-Scale RI proposals in STEM education research. Conference proposals that will bring together communities at the beginning of the Mid-Scale RI conceptualization phase.

[NSF Dear Colleague Letter \(DCL\): Veterans Research Supplement \(VRS\) Program](#)

To encourage veterans' engagement in STEM research in academia and industry, multiple NSF directorates hope to provide additional support to veterans transitioning from active military service to civilian careers and exploring education options.

ANNOUNCEMENTS

December OSP Roundtable

The OSP Roundtable event for this month has been cancelled. Join us on January 18th for an update on RASS. Event information will be shared soon.

Research Development services are focused on proposal development support for teams developing large-scale multidisciplinary center grants and training grants, as well as tenure-track faculty submitting to early career funding opportunities.

The Research Development team also provides specialized training, including agency-specific workshops.

Office of Sponsored Programs and Research Development (OSP)

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