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Office of Research Development and
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Office of Research Development and Administration

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COVID-19 Update: The latest news and guidance for students, faculty and staff.

Office of Research Development and Administration

Events & Deadlines

May 26, 2020

NASA Postdoctoral and Internship Opportunities

Please share with interested students:

The NASA Postdoctoral Program (NPP) provides early-career and more senior scientists the opportunity to share in NASA's mission, to reach for new heights and reveal the unknown so that what we do and learn will benefit all humankind. NASA Postdoctoral Fellows work on 1 to 3 year assignments with NASA scientists and engineers at NASA centers and institutes to advance NASA's missions in earth science, heliophysics, planetary science, astrophysics, space bioscience, aeronautics, engineering, human exploration and space operations, astrobiology, and science management.

Application Deadline: July 1, 2020

NASA Internships are educational hands-on opportunities that provide unique NASA-related research and operational experiences for high school, undergraduate, and graduate students as well as educators. These internships integrate participants with career professionals emphasizing mentor-directed, degree-related, real-time world task completion. During the internship participants engage in scientific or engineering research, development, and operations activities. In addition, there are non-technical internship opportunities to engage in professional activities which support NASA business and administrative processes. Through these internships, participants leverage NASA's unique mission activities and mentorship to enhance and increase their professional capabilities and clarify their long-term career goals.

Application Deadline: July 6, 2020

National Science Foundation new Proposals and Awards Policies and Procedures Guide

Proposals submitted to NSF on or after June 1, 2020 must follow the new PAPPG. There are now required formats for NSF Biosketch and Current and Pending Support. NSF has supplied fillable forms that proposers can use to be sure they are in compliance with the new guidelines.

Deadlines

Department of Education, Office of Postsecondary Education: Transition Programs for Students with Intellectual Disabilities into Higher Education

The purpose of the TPSID program is to support model demonstration programs that promote the successful transition of students with intellectual disabilities into higher education and to enable institutions of higher education (IHEs), or consortia of IHEs, to create or expand high-quality, inclusive model comprehensive transition and postsecondary programs for students with intellectual disabilities.

Next Deadline: July 10, 2020

National Science Foundation, Human-Environment and Geographical Sciences Program

The objective of the Human-Environment and Geographical Sciences (HEGS) Program is to support

basic scientific research about the nature, causes, and/or consequences of the spatial distribution of human activity and/or environmental processes across a range of scales. Projects about a broad range of topics may be appropriate for support if they enhance fundamental geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Recognizing the breadth of the field's contributions to science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated geographical research. National Science Foundation's mandate is to support basic scientific research. Support is provided for projects that are most effective in grounding research in relevant theoretical frameworks relevant to HEGS, that focus on questions that emanate from the theoretical discussions, and that use scientific methods to answer those questions. HEGS supported projects are expected to yield results that will enhance, expand, and transform fundamental geographical theory and methods, and that will have positive broader impacts that benefit society.

Next Deadline: August 18, 2020

National Science Foundation/National Institutes of Health: Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences

The extraordinary growth of available data has created tremendous opportunities for revolutionary mathematics-driven advances in biological and biomedical research. In this initiative, the National Institute of General Medical Sciences (NIGMS) and the National Science Foundation's Division of Mathematical Sciences (NSF/DMS) partner to promote research at the interface of the biological, biomedical, and mathematical sciences. The expertise of DMS in mathematical, computational, and statistical sciences and the complementary expertise of NIGMS in biological and biomedical research are expected to provide support for novel and transformative quantitative life sciences research. This program is designed to support research in mathematics and statistics addressing important questions in the biological and biomedical sciences.

Next Deadline: September 18, 2020

Department of Defense, Research Interests of the Air Force Office of Scientific Research AFOSR seeks proposals in many basic research areas. Please see Broad Agency Announcement for description of current research interests.

Next Deadline: Proposal accepted at any time

National Science Foundation, Dear Colleague Letter: Pilot Projects to Integrate Existing Data and Data-Focused Cyberinfrastructure to Enable Community-Level Discovery Pathways

Many research communities supported by the National Science Foundation (NSF) are challenged by the need to manage, integrate, access, and use ever larger and diverse scientific datasets to conduct research. NSF accordingly invests in the creation of a wide range of data-focused cyberinfrastructure (CI) tools, resources, and solutions for use by the various disciplinary communities that it supports in order to transform data into knowledge and discovery.

Scientific endeavors are increasingly collaborative, cross-disciplinary, and convergent. NSF thus recognizes the importance of promoting holistic CI approaches to address the growing and evolving data lifecycle and workflow challenges both within and across research fields. This holistic view is articulated in NSF's recent vision ¹ for an *agile CI ecosystem*, and is predicated on harmonization, integration and interoperability among CI resources, tools, services and expertise to achieve accessible, seamless and flexible end-to-end discovery pathways that drive new thinking and enable transformative discoveries. Through this Dear Colleague Letter (DCL), NSF encourages proposals to

the Cyberinfrastructure for Emerging Science and Engineering Research (CESER) program ² within the Office of Advanced Cyberinfrastructure for **pilot** projects that bring together researchers and CI experts to develop the means of combining existing community data resources and shared data-focused CI into new integrative and highly performing data-intensive discovery workflows that empower new scientific pathways.

Next Deadline: Application due dates depend on NSF Directorate and Program

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