



Funding Opportunities

June 27, 2022

National Science Foundation

Computational and Data-Enabled Science and Engineering | Due: Sept 1 – Nov 15
(dependent on division area)

Summary: Large-scale simulations and the ability to accumulate massive amounts of data have revolutionized science and engineering. The goal of the CDS&E meta-program is to identify and capitalize on opportunities for major scientific and engineering breakthroughs through new computational and data-analysis approaches and best practices. The CDS&E meta-program supports projects that harness computation and data to advance knowledge and accelerate discovery above and beyond the goals of the participating individual programs. The intellectual drivers may be in an individual discipline, or they may cut across more than one discipline in various Divisions and Directorates. A CDS&E proposal should enable and/or utilize development and adaptation of advances in research and infrastructure in computational and data science. The CDS&E meta-program encourages research that pushes the envelope of science and engineering through computation and data, welcoming proposals in any area of research supported by the participating divisions. A proposal may address topics that develop or enable interactions among theory, computing, experiment, and observation to achieve progress on hitherto intractable science and engineering problems.

Additional Information: [PD-22-8084](#)

National Science Foundation

Faculty Early Career Development (CAREER) Program, FAQs | Due: July 27, 2022

Summary: NSF has published a set of questions and answers about the CAREER Program solicitation. Topics include Eligibility, Proposal Preparation, Budget Preparation, Proposal Submission, Award Announcement, and Award Administration.

NSF 22-100: [FAQs](#)

National Institute of Standards and Technology

NIST establishes Low Carbon Cements and Concretes Consortium | Ongoing

Summary: Cement, a critical component of roads, bridges, and buildings, is one of the most widely used materials in the world. Cement manufacturing is also a major contributor to carbon dioxide emissions through both energy use and chemical reactions during the manufacturing process. To help meet climate goals, industry is developing techniques to reduce the net amount of these emissions.

To support these efforts, NIST has established the Low Carbon Cements and Concretes Consortium. This Consortium will bring together stakeholders to identify and address measurement and standards needs related to low carbon cements and concretes. These efforts are aimed at improving the confidence, traceability and comparability of measurements that quantify the carbon content of low carbon cements and concretes.

Additional Information: [87-FR-35969](#)