



U.S. National
Science Foundation

NSF CEDAR Workshop

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Geosciences Directorate



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NSF Mission



PROMOTE
the progress of science



ADVANCE
the national health, prosperity, and welfare



SECURE
the national defense



NSF Fact Sheet

In an average year, NSF:



Funds ~11,000 competitive awards for research, education and training



Supports ~1,900 colleges, universities and other institutions



Supports ~350,000 researchers, entrepreneurs, students and teachers

Learn more at: www.nsf.gov



NSF Directorates



NSF Geoscience Directorate (GEO)

<https://www.nsf.gov/geo>

- 1** Increase our understanding of the Earth to benefit the American people.
- 2** Invest in research that advances geoscience knowledge, translates to benefits, and builds geoscience capacity.
- 3** Support research infrastructure and human capacity that underlies cutting-edge science and education.
- 4** Support investigations that directly address R&D budgetary priorities.



Directorate for Geosciences (GEO)

<https://www.nsf.gov/geo>

GEO Core Programs



Atmospheric and geospace sciences

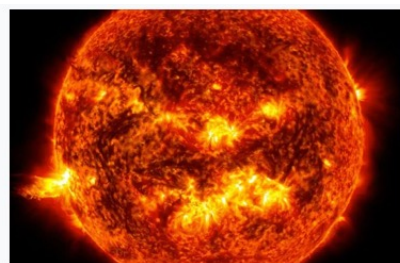


Earth sciences



Ocean sciences

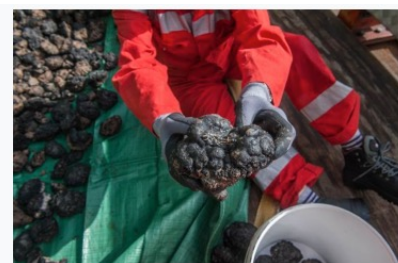
GEO Special Initiatives



Artificial intelligence



Fire science



Critical minerals

The U.S. National Science Foundation Directorate for Geosciences offers funding opportunities across the atmospheric and geospace, Earth and ocean sciences.

These funding opportunities support projects that expand the frontiers of knowledge in science and technology. The opportunities encourage projects that advance research on Earth's atmosphere and the near-Earth space environment; solid Earth sciences and Earth surface processes; and all fields of ocean science.

Career Opportunities at NSF

IPA (Rotator) Positions

The U.S. National Science Foundation Directorate for Geosciences (NSF GEO) is seeking highly qualified individuals interested in serving in science, technology, engineering and mathematics positions through the Intergovernmental Personnel Act (IPA) Mobility Program.

This directorate-wide informal outreach effort is part of an agency-wide effort to identify candidates with strong scientific, technical, leadership and program management expertise who are interested in contributing to NSF's mission to promote the progress of science and advance the national health, prosperity and welfare.

Learn about eligibility, qualifications and technical areas of interest, and how to apply at **IPA Assignment Opportunities at NSF GEO**.

Application materials or questions about this Dear Colleague Letter should be submitted to: **geo-jobs@nsf.gov**.

Permanent Program Director Positions

NSF will soon be announcing AD-4 positions. Please monitor NSF updates and have your 2-page resume ready!

NSF and CEDAR

A Journey in the Pursuit of Science: 43 years and Counting!

- Initiated by the research community in 1983 and supported by Abas Sivjee, then Aeronomy PO at NSF.
- The first CEDAR workshop took place in 1986! CEDAR workshop has been supported by NSF from 1988 onwards.

What makes CEDAR Unique?

CEDAR = Science + Community + Students + Opportunity

The most important outcome of this week may be the kindling of a collaboration that leads to the next discovery!



Photo Credits: CEDAR webpage



Presentation by NSF PD – Shikha Raizada

A graphic for NSF GEO Updates. It features the NSF logo (a blue globe with a gold gear-like border) and the text "U.S. National Science Foundation" in white. Below this, "NSF GEO" is in bold white, and "Updates" is in large, outlined white letters. At the bottom left, it says "Shikha Raizada | Program Officer" in white. On the right, there is a cluster of seven hexagons, each containing a different scientific image: a lightning storm, a galaxy, a sunset, a colorful nebula, a landscape, a close-up of a rock, and a green aurora. The background is dark blue with a faint grid pattern.

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NSF GEO
Updates

Shikha Raizada | *Program Officer*

CEDAR 2026 Workshop. Des Moines, Iowa. June 21-26, 2026

Tuesday June 23
8:00-8:20 am
NSF Update

Attend NSF
PO, Shikha's
presentation
for details on
NSF program
level news
and priorities.

**Subscribe to NSF email
updates**

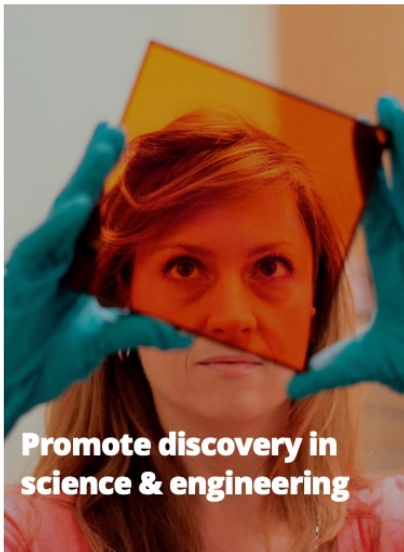


**THANK
YOU**

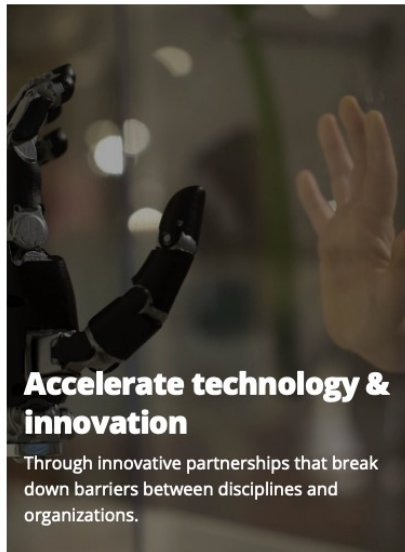




NSF Priorities



Promote discovery in science & engineering



Accelerate technology & innovation

Through innovative partnerships that break down barriers between disciplines and organizations.



Create a STEM workforce

Updates on NSF Priorities

This page provides updated guidance on the priorities of the U.S. National Science Foundation.

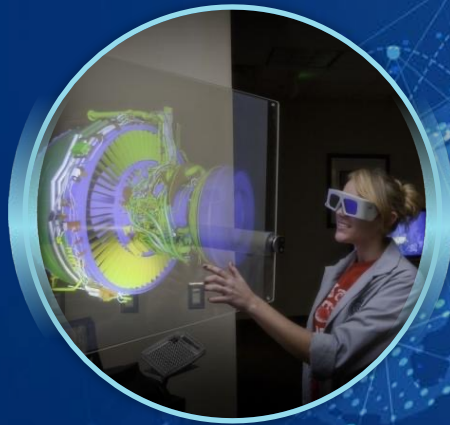
If you are looking for information about recent executive orders, please visit the [NSF Implementation of Recent Executive Orders](#) page.

NSF is continuing to prioritize cutting-edge discovery science and engineering (S&E) research, advancing technology and innovation, and creating opportunities for all Americans in every

Key Technology Areas:

- Advanced Manufacturing
- Advanced Materials
- * **Artificial Intelligence**
- Biotechnology
- Communications and Wireless
- Cyberinfrastructure and Advanced Computing
- Cybersecurity
- Disaster Risk and Resilience
- Energy Technology
- * **Quantum Information Science and Technology**
- Semiconductors and Microelectronics

GEO Contributions to Administration R&D Priorities



Lead critical and emerging technologies



Strengthen national security and energy through critical mineral research and Earth observations



Strengthen American security for preparedness and resilience



Strengthen and safeguard American health