

NEWS

ENGINEERING RESEARCH
ADMINISTRATION



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Announcements

2025 NASA EPSCoR CAN

Funding Organization's Deadline: September 11, 2024 (5:00 pm)

Internal Submission Deadline: August 27, 2024 (4:45 pm)

Proposals funded by NASA EPSCoR are expected to make significant contributions to NASA's technology and strategic research development priorities. Funding will provide up to \$675k over three years. A 50% cost-share is required, and in-kind matches are allowed.

NASA EPSCoR Proposals are expected to establish research programs that will make significant contributions to:

- Strategic research and technology priorities of one or more of the four NASA Mission Directorates
- One or more of the 10 NASA Field Centers
- Contribute to the overall research infrastructure, science and technology capabilities, higher education, and economic development of Alabama

Read more about this **limited submission** opportunity [here](#).

Set up your ORCID ID at the AU Library

NIH will be requiring an ORCID ID starting May 25, 2025.

(NSF is likely to follow suit.)

Open Researcher and Contributor ID (ORCID) solves problems that occur when multiple scholars have the same name by providing researchers with a unique ID (similar to a social security number) for your scholarship. AU Libraries is offering faculty the opportunity to complete your ORCID profile for free. ORCID's services are intended for scholars of any discipline, organization, or location.

Read more about this opportunity [here](#) or contact [Patricia Hartman](#).

Funding Opportunities

Mechanics of Materials and Structures (MOMS)

National Science Foundation

Proposals Accepted Anytime

Mechanical Engineering, Material Engineering

Areas of Interest:

The Mechanics of Materials and Structures program supports a variety of research with an emphasis on transformative advances in computational, theoretical, and experimental methods. This program funds research in mechanics regarding its relation to the behavior of structures under internal and external actions and the behavior of deformable solid materials.

Submitted proposals should clearly emphasize the contributions to the field of mechanics. Proposers are actively encouraged to email a project summary, within a one-page limit, to MOMS@nsf.gov to determine if the research topic falls within the scope of the MOMS program.

Read more about this opportunity [here](#).

Aviation Research Grants Program

Federal Aviation Administration (FAA)

United States Department of Transportation (DOT)

Proposal Due Date: September 7, 2027

Engineering

Areas of interest: Aerospace

The Federal Aviation Administration (FAA) Research Grants Program supports and encourages advanced, innovative research of potential benefit to the growth of commerce space and civil aviation. The FAA invites the proposal submissions that encompass the entire spectrum of chemical, biological, medical, physical, mathematical, psychological, and engineering sciences.

The FAA intends to encourage applied research and development to enhance technology assimilation, transfer, and development within the FAA. It is expected that approximately \$6,000,000 will be available in each Fiscal Year for new and continuing grant awards. A 12–60-month range is given to aviation research with no minimum or maximum award amount.

Read more about this opportunity [here](#).

Funding Strategies

Finding NSF Funding

Finding funding is a necessary step towards a career in research. Creating a strategic research plan centralized on understanding how to find funding through federal research agencies is vital for success. NSF encourages convergent and interdisciplinary research and education approaches, and activities which could create potential for transformative discoveries. It is important that faculty have the tools to find funding that maps their research interests.

Some great ways to find the right funding opportunity are to [explore funded projects](#) on the NSF database and see which NSF programs funded them. Filter through the [NSF funding search](#) to find a specific [division or directorate](#). Major areas of science and engineering are organized in the [NSF directorate pages](#) where additional information on funded projects can also be found. Additionally, subscribing to [NSF email alerts](#) will ensure consistent updates and reminders of research opportunities.

Generally, NSF is interested in funding:

- Science and engineering basic research and education
- Research partnerships between industry, government, universities, nonprofits, and other organizations within the U.S. and across the globe
- State-of-the-art tools and infrastructure for research
- User-experience research that could potentially inspire solutions and products that improve the lives of people
- Training and education programs in engineering and science that attract people with diverse backgrounds across all sectors

For those who cannot find an NSF program that fits a project idea submit a concept outline to the ProSPCT Tool <https://suitability.nsf.gov/s/> (click login in the top right corner).

For more information read the [New Faculty Guide to Finding NSF Funding](#) (pages 21-22), or visit the [NSF website](#).

Adapted from the June edition 2024 of the Research Development & Grant Writing Newsletter

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