

Informational Webinar: Funding for Accelerated, Inclusive Research (FAIR)

DE-FOA-0003207

March 20, 2024

FOA Issue Date:	March 12, 2024
Submission Deadline for Pre-Applications:	April 23, 2024, at 5:00 PM Eastern Time
Pre-Application Response Date:	May 28, 2024, at 11:59 PM Eastern Time
Submission Deadline for Applications:	July 16, 2024, at 11:59 PM Eastern Time

<https://science.osti.gov/Initiatives/FAIR>

<https://science.osti.gov/-/media/grants/pdf/foas/2024/DE-FOA-0003207.pdf>

Disclaimer : *This presentation summarizes the contents of the FOA. Nothing in this webinar is intended to add to, take away from, or contradict any of the requirements of the FOA. If there are any inconsistencies between the FOA and this presentation or statements from DOE personnel, the FOA is the controlling document.*



U.S. DEPARTMENT OF
ENERGY

Office of
Science

[Energy.gov/science](https://energy.gov/science)



U.S. DEPARTMENT OF
ENERGY

Office of
Science

Our Mission:

Deliver scientific discoveries and major scientific tools to transform our understanding of nature and advance the energy, economic, and national security of the United States.



More than **29,000** researchers supported at more than **300** institutions and **16** DOE national laboratories



Steward **10** of the 17 DOE national laboratories



Nearly **40,000** users of **28** Office of Science scientific user facilities



\$8.6B
(FY 2025
Request)



U.S. DEPARTMENT OF
ENERGY

Office of
Science

Driving Discovery Science for the Nation

Discovery science supported by the Office of Science builds the foundation for ensuring America's future prosperity and competitiveness by addressing its energy, environment, and national security challenges.

Fostering Great Minds and Great Ideas

The Office of Science addresses the world's most challenging scientific problems, supporting innovation from America's brightest minds, across multiple disciplines, and at universities, DOE's national laboratories, and other research institutions.

Providing Unique, World-Class Facilities

The Office of Science stewards a suite of scientific user facilities that provide the broad scientific community with world-leading capabilities for research - from physics, materials science, and chemistry to genomics and medicine.

Funding for Accelerated, Inclusive Research (FAIR)

- Build research capacity, infrastructure, and expertise at institutions historically underrepresented in the Office of Science (SC) portfolio
- Support mutually beneficial relationships between applicants and partnering institutions
- Focus on non-R1 emerging research institutions (ERIs) and non-R1 minority serving institutions (MSIs)



FY 2024 FAIR FOA Scope

- We invite applications in all areas supported by the Office of Science:
 - Advanced Scientific Computing Research (ASCR)
 - Basic Energy Sciences (BES)
 - Biological and Environmental Research (BER)
 - Fusion Energy Sciences (FES)
 - High Energy Physics (HEP)
 - Nuclear Physics (NP)
 - Isotope R&D and Production (DOE IP)
 - Accelerator R&D and Production (ARDAP)

Eligibility/Teaming Requirements

- All applications must be submitted on behalf of a lead institution and include a single partnering team member as a subrecipient.
- The lead institution must be a non-R1 emerging research institution (ERI) or non-R1 minority-serving institution (MSI).
- The lead institution should show clear scientific leadership.
- The lead institution must partner with a team member in one of the following categories:
 - a DOE National Laboratory
 - an SC Scientific User Facility
 - an R1 MSI/ERI
- The partner is limited to between 15% and 25% of the total funding.

The DOE National Laboratories

Office of Science Laboratories

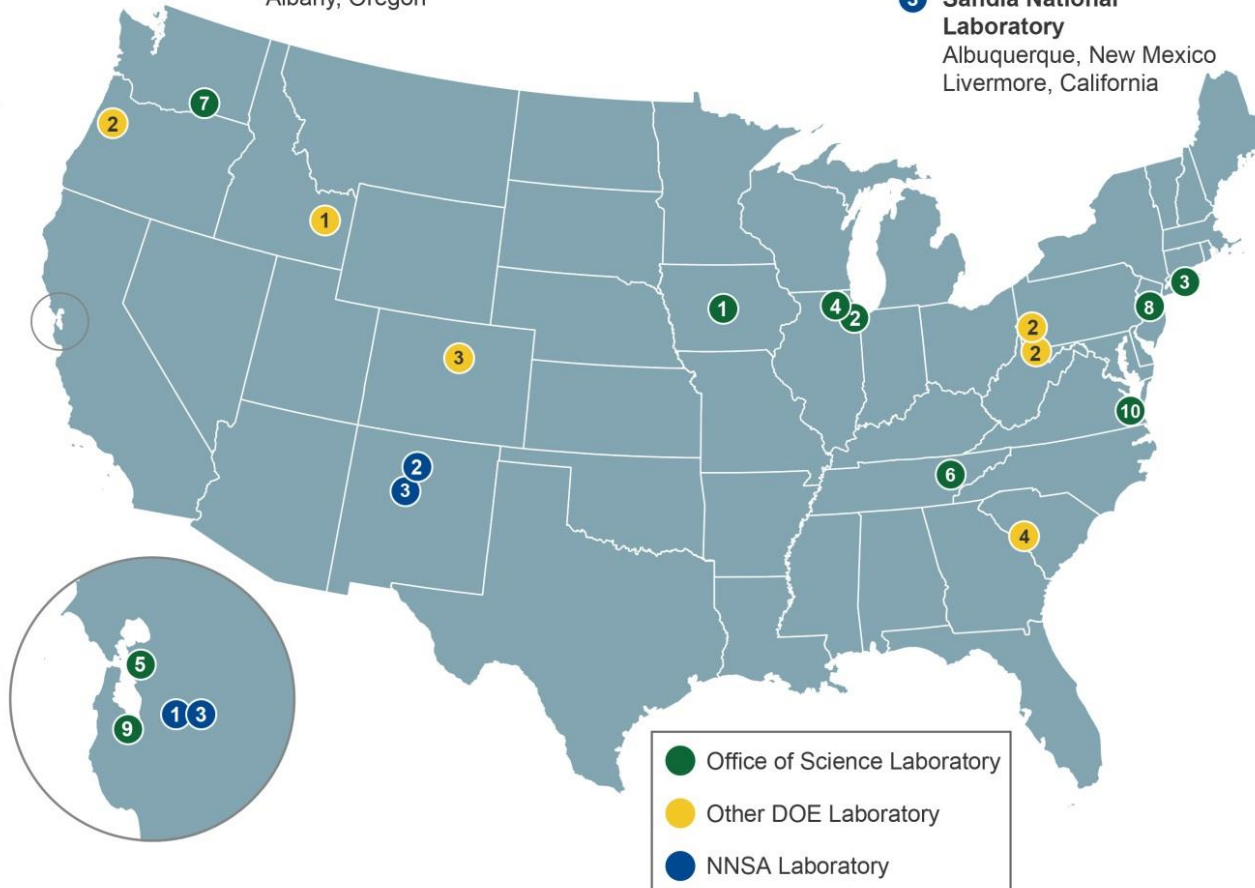
- 1 Ames Laboratory**
Ames, Iowa
- 2 Argonne National Laboratory**
Argonne, Illinois
- 3 Brookhaven National Laboratory**
Upton, New York
- 4 Fermi National Accelerator Laboratory**
Batavia, Illinois
- 5 Lawrence Berkeley National Laboratory**
Berkeley, California
- 6 Oak Ridge National Laboratory**
Oak Ridge, Tennessee
- 7 Pacific Northwest National Laboratory**
Richland, Washington
- 8 Princeton Plasma Physics Laboratory**
Princeton, New Jersey
- 9 SLAC National Accelerator Laboratory**
Menlo Park, California
- 10 Thomas Jefferson National Accelerator Facility**
Newport News, Virginia

Other DOE Laboratories

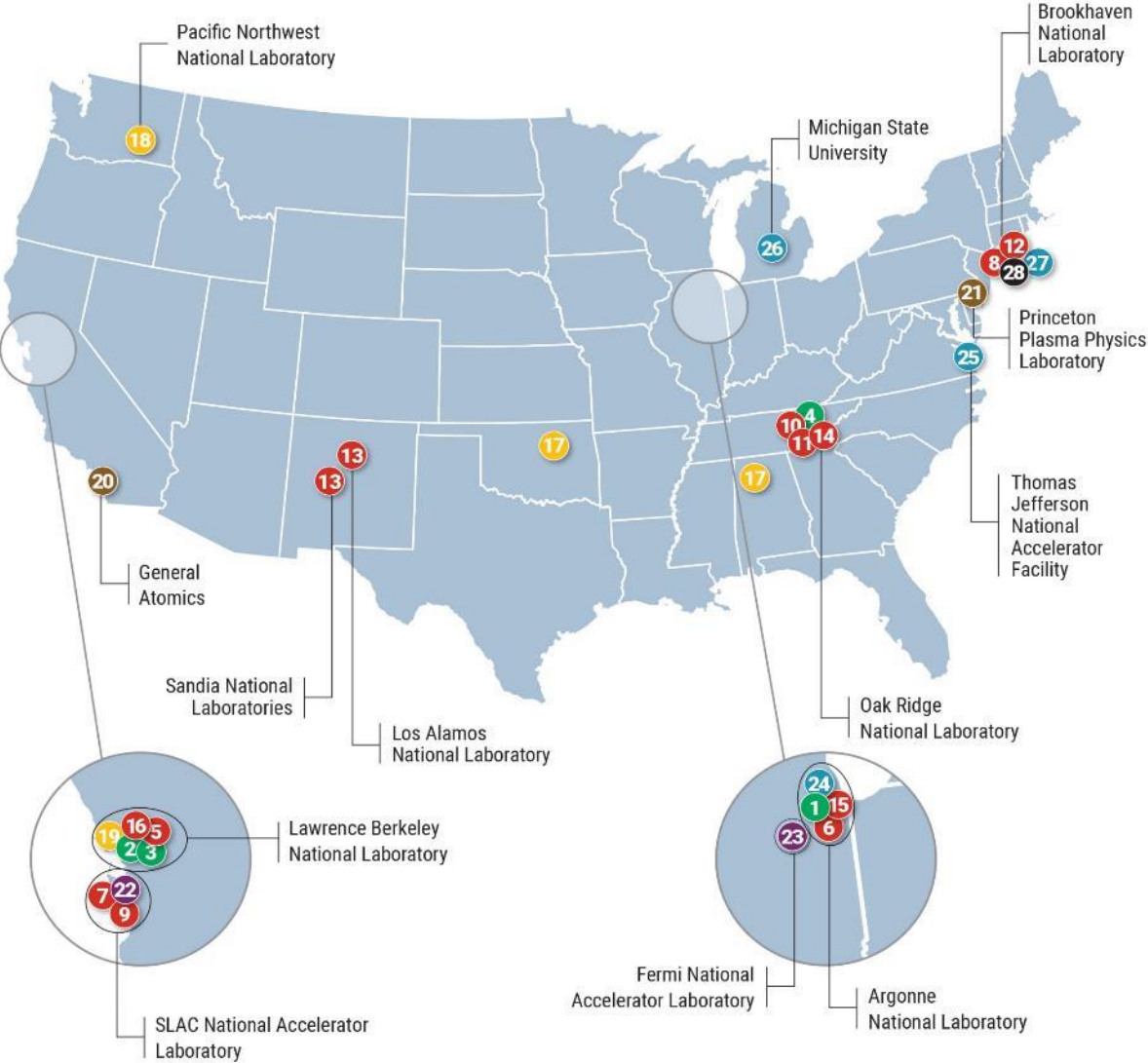
- 1 Idaho National Laboratory**
Idaho Falls, Idaho
- 2 National Energy Technology Laboratory**
Morgantown, West Virginia
Pittsburgh, Pennsylvania
Albany, Oregon
- 3 National Renewable Energy Laboratory**
Golden, Colorado
- 4 Savannah River National Laboratory**
Aiken, South Carolina

NNSA Laboratories

- 1 Lawrence Livermore National Laboratory**
Livermore, California
- 2 Los Alamos National Laboratory**
Los Alamos, New Mexico
- 3 Sandia National Laboratory**
Albuquerque, New Mexico
Livermore, California



U.S. Department of Energy Office of Science User Facilities



Advanced Scientific Computing Research (ASCR)

- 1 Argonne Leadership Computing Facility (ALCF)
Argonne National Laboratory
- 2 Energy Sciences Network (ESnet)
Lawrence Berkeley National Laboratory
- 3 National Energy Research Scientific Computing Center (NERSC)
Lawrence Berkeley National Laboratory
- 4 Oak Ridge Leadership Computing Facility (OLCF)
Oak Ridge National Laboratory

Basic Energy Sciences (BES)

LIGHT SOURCES

- 5 Advanced Light Source (ALS)
Lawrence Berkeley National Laboratory
- 6 Advanced Photon Source (APS)
Argonne National Laboratory
- 7 Linac Coherent Light Source (LCLS)
SLAC National Accelerator Laboratory
- 8 National Synchrotron Light Source II (NSLS-II)
Brookhaven National Laboratory
- 9 Stanford Synchrotron Radiation Lightsource (SSRL)
SLAC National Accelerator Laboratory

NEUTRON SOURCES

- 10 High Flux Isotope Reactor (HFIR)
Oak Ridge National Laboratory
- 11 Spallation Neutron Source (SNS)
Oak Ridge National Laboratory

NANOSCALE SCIENCE RESEARCH CENTERS

- 12 Center for Functional Nanomaterials (CFN)
Brookhaven National Laboratory
- 13 Center for Integrated Nanotechnologies (CINT)
Sandia National Laboratories and
Los Alamos National Laboratory
- 14 Center for Nanophase Materials Sciences (CNMS)
Oak Ridge National Laboratory
- 15 Center for Nanoscale Materials (CNM)
Argonne National Laboratory
- 16 The Molecular Foundry (TMF)
Lawrence Berkeley National Laboratory

Biological and Environmental Research (BER)

- 17 Atmospheric Radiation Measurement (ARM) User Facility
Fixed and Mobile Sites Across the Globe
- 18 Environmental Molecular Sciences Laboratory (EMSL)
Pacific Northwest National Laboratory
- 19 Joint Genome Institute (JGI)
Lawrence Berkeley National Laboratory

Fusion Energy Sciences (FES)

- 20 DIII-D National Fusion Facility
General Atomics
- 21 National Spherical Torus Experiment Upgrade (NSTX-U)
Princeton Plasma Physics Laboratory

High Energy Physics (HEP)

- 22 Facility for Advanced Accelerator Experimental Tests (FACET)
SLAC National Accelerator Laboratory
- 23 Fermilab Accelerator Complex
Fermi National Accelerator Laboratory

Nuclear Physics (NP)

- 24 Argonne Tandem Linac Accelerator System (ATLAS)
Argonne National Laboratory
- 25 Continuous Electron Beam Accelerator Facility (CEBAF)
Thomas Jefferson National Accelerator Facility
- 26 Facility for Rare Isotope Beams (FRIB)
Michigan State University
- 27 Relativistic Heavy Ion Collider (RHIC)
Brookhaven National Laboratory

Accelerator R&D and Production (ARDAP)

- 28 Accelerator Test Facility (ATF)
Brookhaven National Laboratory

Limitations

- Applicant institutions are limited to no more than one pre-application and one application for each principal investigator (PI) at the applicant institution.
- Applicant institutions are also limited to three pre-applications and three applications for each program (ASCR, BES, BER, FES, HEP, NP, DOE IP, and ARDAP) listed in Section I.
- Individuals in a joint appointment are eligible to be proposed as a PI if work will be performed at an eligible applicant institution.

Awards and Funding Levels

- DOE anticipates that up to \$35 million in current fiscal year funds will be used to support awards under this FOA.
- Applications should be between \$300,000 and \$800,000 total.
- Project periods should be for three years.
- Approximately 45 to 100 awards are expected.

Office Hours

- SC will be holding office hours in the two weeks prior to the preapplication and application deadlines to answer administrative questions about submissions. Please inform your Office of Sponsored Activities about this resource.
 - Tuesday, April 9, 2024, 2:00-3:00 pm Eastern Time
 - Wednesday, April 17, 2024, 2:00-3:00 pm Eastern Time
 - Tuesday, July 2, 2024, 2:00-3:00 pm Eastern Time
 - Wednesday, July 10, 2024, 2:00-3:00 pm Eastern Time
- More info at https://science.osti.gov/-/media/grants/pdf/foas-resources/2024/3207_OfficeHours.pdf.

Resources

- The **FOA** is the authoritative source for this competition: <https://science.osti.gov/-/media/grants/pdf/foas/2024/DE-FOA-0003207.pdf>
- **Frequently asked questions** are posted at <https://science.osti.gov/Initiatives/FAIR/Frequently-Asked-Questions>.
- **Points of contact** for all 17 DOE national laboratories and all 28 Office of Science User Facilities are posted at https://science.osti.gov/-/media/grants/pdf/foas-resources/2024/FY24_FAIR_Partner_POCs.pdf.
- **Institution designations/classifications** are posted at <https://science.osti.gov/grants/Applicant-and-Awardee-Resources/Institution-Designations>.
- **For questions** about budgets, eligibility, or similar topics, please contact sc.fair@science.doe.gov. Questions regarding the specific program areas/technical requirements can be directed to the technical contacts listed within the FOA.

Office of Science FAIR and RENEW Initiatives

- FAIR
 - Build research capacity, infrastructure, and expertise at institutions historically underrepresented in the SC portfolio by funding fundamental research relevant to the SC mission.
- Reaching a New Energy Sciences Workforce (RENEW)
 - Leverage SC's national laboratories, user facilities, and other research infrastructures to support traineeships for students and postdoctoral researchers at institutions underrepresented in the SC portfolio.
 - Applications to RENEW must include training activities beyond conduct of research.
- Both initiatives aim to:
 - Increase the diversity of institutions participating in SC research.
 - Build relationships with institutions historically underrepresented in the SC research portfolio.