



# FY 2019 Scientific Infrastructure Support Funding Opportunity Announcement DE-FOA-0001914

**Jonathan Kirkham**  
Idaho National Laboratory  
NSUF Capabilities Scientist

*DOE Headquarters*  
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# Outline

- FOA Overview
- Reactor Upgrades and General Scientific Infrastructure
- Review Criteria
- Contact Information

# FOA Highlights

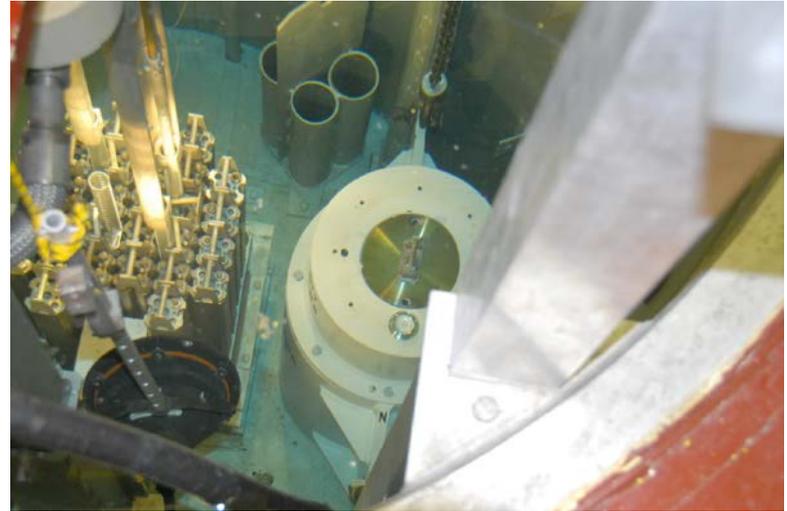
- Funding Mechanism
  - Grants issued by DOE-ID
- Funding Opportunities for US Universities
  - Reactor Upgrades
  - General Scientific Infrastructure
- Find FOA (DE-FOA-0001914) at <http://www.grants.gov>
  - Apply at [www.neup.gov](http://www.neup.gov)

# Important Dates

- FOA release date:
  - Pending August, 2018
- Applications due:
  - November 1, 2018
- Anticipated award announcement:
  - June-July 2019

# FOA Organization

Area 1 – University  
Reactor Upgrades  
Infrastructure Support  
(RU)



**Area 2 – General  
Scientific Infrastructure  
Support (GSI)**

# University Reactor Infrastructure

- Award Size
  - Maximum individual award:
    - \$2,500,000
  - Expected award range:
    - \$250,000 - \$1,500,000 total
  - DOE anticipated to award some smaller awards
- Period of Performance
  - 1+ years
- Eligibility
  - Only educational reactors fueled by DOE
    - List can be found in Part I.C.1.1 of FOA
- Estimated Funding Level
  - Approximately \$2.5 million



# RU Review Criteria Changes

- Review processes
  - Each application will receive a merit review by both DOE and NSUF reviewers
- Review Criteria
  - (55%) **Safety and/or Security** – Potential of the requested equipment, instrumentation, or modification to:
    - Enhance the [safety, performance, control, or operational reliability](#) of research reactor systems; or
    - Increase the quality, safety/security, or efficiency of the operation of the research reactor facility.
  - (15%) **Impact** – Potential of the requested equipment, instrumentation, or modification to facilitate, improve, or expand ongoing Office of Nuclear Energy research and training capabilities;
  - (15%) **Utilization** – As a result of the proposed equipment, the amount of student and faculty usage of the research reactor facility, and the amount and variety of research and/or services actually provided by the facility;
  - (15%) **Execution** – Capability to implement the full scope of the project, including timely project completion, personnel qualifications, budget, and feasibility.

# General Scientific Infrastructure (GSI)

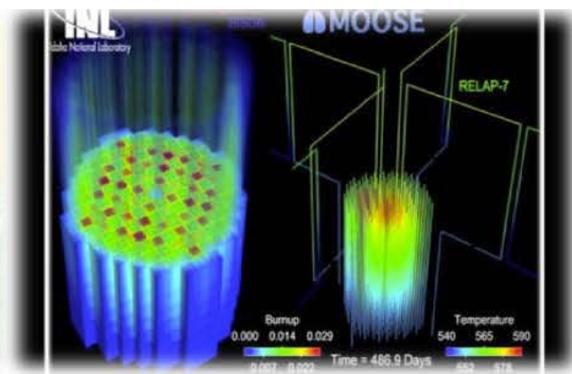
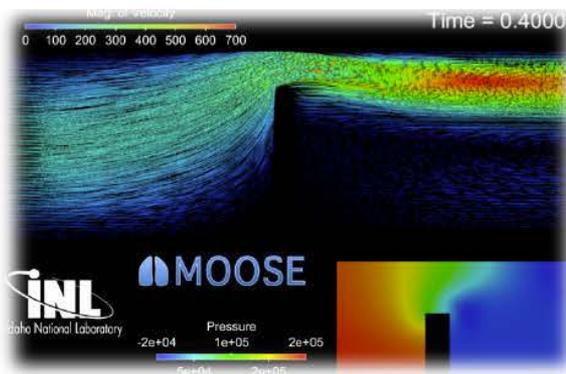


- Award Size
  - Maximum DOE funding per individual university award: \$2,500,000
    - Anticipated award size \$250,000
- Period of Performance
  - 1 year
- Eligibility
  - Universities are eligible to submit applications
  - One application per institution can be submitted to each area of this FOA.
  - University cost match (1:1) required after \$250,000
- Estimated Funding Level
  - Approximately \$2.5 million

# GSI Reminder of Excluded Areas

## NSUF -Exclusions

- NSUF provides access to high-performance computational resources at INL at no cost to users
  - Proposals requesting to purchase HPC equipment will **not** be entertained
  - See [nsuf.inl.gov](https://nsuf.inl.gov) or [hpcweb.inl.gov](https://hpcweb.inl.gov) for information on accessing HPC resources



Courtesy of Eric Whiting, Director of Scientific Computing (INL)

# GSI Review Criteria Changes

- **Review processes**
  - Each application will receive a merit review by both DOE and NSUF reviewers
- **Review Criteria**
  - (25%) **Impact** – Potential of the requested equipment, instrumentation, or modification to facilitate, improve, or expand ongoing Office of Nuclear Energy research and training capabilities;
  - (25%) **Utilization** – As a result of the proposed equipment, the amount of student, faculty, or researcher usage of the capabilities, and the amount and variety of research and/or services actually provided by the facility;
  - (25%) **NSUF Priority** – Importance of the proposed upgrade to the Nuclear Science User Facilities as either improving an existing partner facility or as a potential partner facility.
  - (25%) **Execution** – Capability to implement the full scope of the project including timely project completion, personnel qualifications, budget, and feasibility.

# GSI Cost Sharing & Cost Match

- **Cost Share**

- Cost sharing is encouraged, but is not required in any part of this FOA

- **Cost Match**

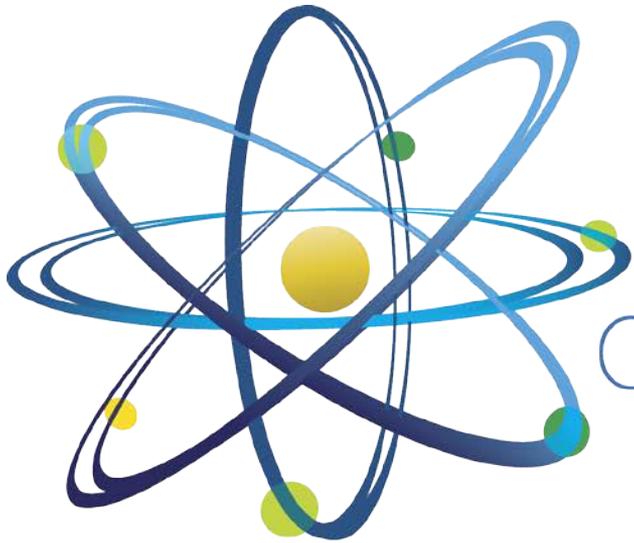
- Cost match is required on university **GSI projects** that exceed **\$250,000**
- Dollar for dollar matching requirement, up to the project ceiling of **\$2,500,000**
  - e.g. If the total project's cost was \$350,000; the university would be responsible for \$50,000 and DOE's share would be \$300,000
- Anticipated award range will be around **\$250,000** for most applications

# Contact Information



- Technical questions can be submitted to:
  - Jonathan Kirkham (Technical Point of Contact)
    - [NSUF@INL.gov](mailto:NSUF@INL.gov)
    - The Infrastructure FOA Q&A section at <https://nsuf.inl.gov/Page/infrastructurefoa>
- Procurement questions can be submitted to:
  - Trevor Bluth (DOE-ID Contract Specialist)
    - [bluthtm@id.doe.gov](mailto:bluthtm@id.doe.gov)
- Application Site
  - [www.neup.gov](http://www.neup.gov)

# Questions?



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