



Notice of Intent

Open to researchers at *any* of the institutions of higher learning within the **Mississippi NASA EPSCoR Jurisdiction**



issued by the

Mississippi NASA EPSCoR Director

in anticipation of

FY 2023 NASA EPSCoR Notice of Funding Opportunity (NOFO)

International Space Station (ISS) Flight Opportunity

APPLICATIONS MAY NOT BE SUBMITTED IN PAPER FORMAT

Key Dates

Release/Posted Date: Thursday, January 5, 2023

Notice of Intent Due Date: **Tuesday, January 31, 2023, 5:00pm**

******* No late submissions will be accepted *******

This announcement is to solicit a Notice of Intent from potential proposers at Mississippi universities. Based on a review of the white papers, the Mississippi Research Consortium (MRC) will select *one* for development into a full proposal to this NASA EPSCoR program.

Solicitation Cycle

NASA issued the FY23 NASA EPSCoR ISS Flight Opportunity NOFO Solicitation on 5 January 2023. The full-proposal due date is 5 April 2023. The Mississippi jurisdiction may submit only *one* proposal in response to this opportunity.

The proposal development and timeline will be as follows: NASA solicitation released 1/5/23; Notice of Intent Requested (this document) 1/12/23; Notice of Intent due 1/31/23; PI selection and notification of authorization to proceed with full proposal 2/6/23; final proposal documents to MS NASA EPSCoR Director 3/27/23; full proposal due to NASA 4/5/23.

For questions about this call for notice of intent, contact the MS NASA EPSCoR Director, Dr. Nathan Murray, nmurray@olemiss.edu, 662-915-3190.

Section 1. Solicitation Details

The Mississippi jurisdiction may submit *one* proposal to the FY23 NASA EPSCoR ISS Flight Opportunity program for three years of research funding for a maximum \$100,000 *per award* (proposers are not required to fund launch costs). **This announcement is to solicit a Notice of Intent from potential proposers at Mississippi universities.** *One* of these Notices of Intent will be selected by the Mississippi Research Consortium (MRC) for development into a full proposal to this NASA EPSCoR program.

To be seriously considered for selection, your Notice of Intent *must* demonstrate:

- that the research project is sufficiently mature to successfully design/develop an experiment that can safely be flow on the ISS;
- direct ties with, and responsiveness to the objectives of, a NASA Center or Directorate;
- contribution to the overall research infrastructure and economic development of Mississippi; and
- involvement of faculty/students from groups underrepresented/underserved in STEM.

The most competitive notice of intent *may also* demonstrate partnerships or cooperative arrangements with one or more of other government agencies, business/industry, private research foundations, jurisdiction agencies, local agencies, and/or additional academic institutions.

The MS NASA EPSCoR Director will conduct the first-stage review to assess the notice of intent's responsiveness to the NASA EPSCoR NOFO. The notices of intent, along with the first stage review assessments, will then be provided to the MRC,¹ who will judge and select the notice of intent for development into a full proposal for submission to NASA.

The full NASA NOFO is available through NSPIRES, go to <http://nspires.nasaprs.com>, click on Solicitations, enter EPSCOR in the search box, find announcement number NNH23ZHA010C.

It is *strongly recommended* that proposers read and comprehend the details of the ISS NOFO along with all the details regarding experiment preparations for microgravity, flight and ground safety review, travel requirements, and payload integration steps.

1.A. SUBMISSION OF NOTICE OF INTENT

All Notices of Intent must be submitted by 5 p.m. **Tuesday, 6 January 2023.** Submit Notices of Intent at <https://tinyurl.com/ISS-Flight-Opportunity> or via QR code at right.



1.B. NOTICE OF INTENT EVALUATION CRITERIA

- Intrinsic Merit and Research Maturity
- NASA Alignment and Partnerships
- Management and Evaluation
- Demonstrated Understanding of the ISS Program Requirements (reflected in budget and scope of work)
- Budget Justification: Narrative and Details

¹ mississippiresearchconsortium.org

1.C. NOTICE OF INTENT REQUIRED CONTENT

Please be prepared to submit the following information on the form linked above.

1.C.i. Notice of Intent Sections:

Cover Information:

- (1) Submission Title,
- (2) Science Investigator and Institution Name
- (3) Title and Departmental Affiliation,
- (4) Other Participating Co-Investigators and Institutions,
- (5) NASA Point of Contact,
- (6) *Mission Directorates and priorities addressed.*

Previous Research Description: (limit 2,500 characters)

Concisely describe research development in which you have previously been engaged that qualifies your proposed project as mature enough to transition to the ISS within the three-year period of performance.

Project Summary and Description: (limit 4,000 characters)

- (a) the objectives,
- (b) relevance of those objectives to NASA priorities and objectives,
- (c) description of what is novel,
- (d) description of anticipated impact, and
- (e) short description of technical approach.

Budget Estimate: (limit 1,500 characters)

Provide rough order-of-magnitude budget figures. Your budget must demonstrate that you have a thorough understanding of the solicitation and the required activities to successfully qualify your experiment for ISS flight. Include the numbers of faculty, post-docs, graduate students, and undergraduate students that you expect to be supported.