



**Ohio
Federal
Research
Network**

Driving Innovation Through Strategic Partnerships

Save the Date!
March 1, 2023

**Ohio Federal Research Network
Round 6 Solicitation release**

The Ohio Federal Research Network (OFRN), managed by Parallax Advanced Research in collaboration with The Ohio State University and funded by the Ohio Department of Higher Education, is pleased to release the Round 6 solicitation on March 1, 2023.

Round 6 solicitation topics

Here's a sneak peek at the high-level topics to be covered in the Round 6 solicitation, which are based on our federal partners' priorities:

Hypersonics

- Gradient Printed Structures for High Thermal Gradient Applications
- Novel Joining/Sealing Techniques for High-Speed Vehicle/Propulsion Systems

Human Performance

- Physiological and environmental monitoring for ocular health and human performance
- XR telemedicine / patient care in austere / isolated environments

High Power Energy Conversion

- Affordable DC Emulation and Digital Engineering
- Beta-Gallium Oxide (β -Ga₂O₃) Substrate Development

Digital Engineering Tools

- Techniques to convert between model fidelity levels or the development of surrogate models using machine learning and artificial intelligence tools for applications in complex engineering systems and digital twins

Commercial Space in Low Earth Orbit

- Materials Joining Automation in Low Earth Orbit
- On-Orbit Biomanufacturing and Repurposing of Space-based Materials

Quantum Sensing Technologies

- Stimulate the development and integration of quantum sensing technologies into quantum systems to realize broader quantum systems of enhanced capability

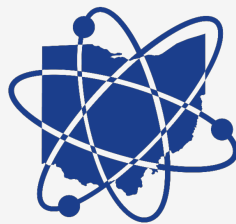
Save the dates for upcoming info-sessions!

We will host three (3) information sessions with the federal partner subject matter experts to answer questions:

- March 2, 12-1pm ET
- March 7, 4-5pm ET
- April 17, 3-4pm ET

The Mandatory Bidders Conference & Proposal Training will be on Tuesday, March 14, from 9-11am ET.

Stay tuned!



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The OFRN Team

Ohio Federal Research Network (OFRN)
*OFRN is a program of **Parallax Advanced Research**.*

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About Ohio Federal Research Network

The OFRN has the mission to stimulate Ohio's innovation economy by building statewide university/industry research collaborations that meet the requirements of Ohio's federal laboratories, resulting in the creation of technologies that drive job growth for the State of Ohio. The OFRN is a program managed by Parallax Advanced Research in collaboration with the Ohio State University and is funded by the Ohio Department of Higher Education.



Ohio Federal Research Network

<https://ohiofrn.org>

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