

WELCOME!



Join us for



Ohio Federal Research Network (OFRN)
Opportunity Days: Hypersonics

Free Virtual Event

August 26 | 9:00 - 10:30 AM (ET)

Introductions & Thank you



Parallax Team & Event Volunteers

Emcee: Mark Bartman, Maj Gen (Ret.), OFRN Executive Director, Parallax Advanced Research

Parallax Team:

- Becky Mescher
- Jess Pacheco
- John Jackson
- Diana Schaefer

Event Speakers:

- Lois Weir, Senior Technologist for Hypersonic Propulsion, NASA Glenn Research Center
- Georgette Nelson, Senior Program Manager, National Center for Defense Manufacturing and Machining (NCDMM)

Opportunity Review:

- Ryan Blackburn, Ecosystem Engagement Lead – OnRamp Hub: Ohio, Parallax Advanced Research

Government Partners: AFRL, NAMRU-D, NASA-GRC, NASIC, Ohio National Guard

Agenda

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|------------------|--|
| 9:00 – 9:15 am | <i>OFRN Overview</i> by Maj Gen (Ret.) Mark Bartman, USAF, Executive Director – Ohio Federal Research Network, Parallax Advanced Research |
| 9:15 – 9:35 am | <i>NASA High Speed Flight Project</i> by Lois Weir, NASA GRC |
| 9:35 – 9:55 am | <i>Hypersonic Adaptive Manufacturing Incubator</i> by Georgette Nelson, Senior Program Manager, NCDMM |
| 9:55 – 10:10 am | <i>Opportunity Review</i> – Ryan Blackburn, Ecosystem Engagement Lead – OnRamp Hub: Ohio, Parallax Advanced Research |
| 10:10 – 10:20 am | Wrap-up |

OFRN Construct



OFRN Program Impact (Rounds 1-7)

\$72M

State of Ohio
Investment

\$435M+

Follow-on
Funding Awarded

\$42M

Cost-share

427

Jobs

17

Spinouts Created

48

R&D Projects
Funded

12

IPs Created,
+2 Pending

Network / Collaborators / Partners

5

Government Agencies:
AFRL, NASA GRC,
NASIC, NAMRU-D, ONG

116

Industry
Companies

25

Academic
Institutions

Rounds 5, 6 & 7 Student Experiential Engagement (SEE) Results to Date

228

Total Students

42

Ph.D.

50

Masters

136

Undergrad

Upcoming Events

Turbine Engine Technology Symposium (TETS)

August 31- Sept. 3, 2026

Dayton, OH

<https://tets.us/index.html>

AFA Air Space & Cyber Conference

Sept. 14-16, 2026

National Harbor, MD

<https://www.afa.org/air-space-cyber-conference/>

Glenn Space Technology Symposium

Sept. 15-16, 2026

Cleveland, OH

<https://astronautical.org/events/john-glenn-memorial-symposium/>

Ohio Space Forum

September 17, 2026

Cleveland, OH

<https://www.orbitohio.com/>

AI Horizons

September 17-18, 2026

Pittsburgh, PA

<https://aihorizonspgh.com/>

Ohio Defense and Aerospace Forum

Sept. 21, 2026

Dayton, OH

<https://www.ohiodefenseforum.org/>

AFA Air Space & Cyber Conference

Sept. 14-16, 2026

National Harbor, MD

<https://www.afa.org/air-space-cyber-conference/>

IEEE International Conference on Intelligent Robots and Systems (IROS)

Sept. 27-Oct. 1, 2026

Pittsburgh, PA

<https://2026.ieee-iros.org/>

Keystone Space Conference

October 27, 2026

Pittsburgh, PA

<https://keystonespace.org/2026-conference/>



Thank you

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