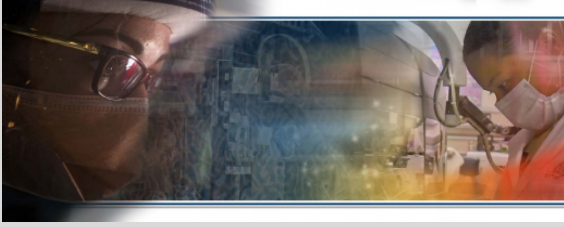# January 2022 news & updates

Parallax Advanced Research

Happy New Year!

With so many great things happening at Parallax, we decided to consolidate our latest news and events into one newsletter to be sure you get the most out of our updates. Please reach out to us with any questions and enjoy!
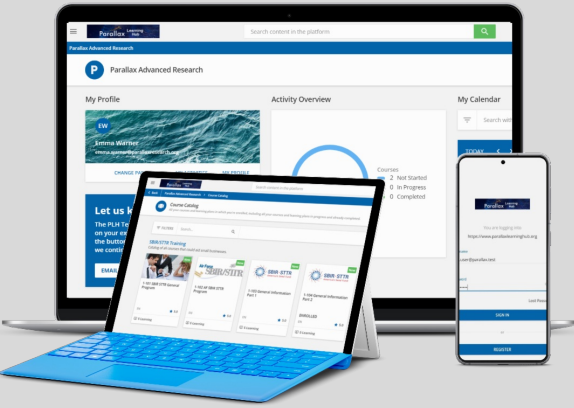
Featured News

Department of Defense Laboratories: Recalibrating the Culture

With the emergence of China as a near peer competitor and Russia still "saber rattling" with technological advances in missile and space technologies, Labs need to recalibrate from a near term, terrorism mindset, focused on rapid transition, back to a more deliberate, threat informed technology development that supports Great Power competition with China and Russia.

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Parallax Learning Hub

The Parallax Learning Hub is a learning content management system owned by Parallax Advanced Research and is the central repository for all training, education, learning, and development products sponsored by Parallax and its programs.

The Parallax Learning Hub features:
- Bookmarkable eLearning courses; pick up where you left off each time you log into the Parallax Learning Hub.
- Instructor-led training courses and webinars.
- Interactive instruction with Q&A capabilities, comments, and forums.

LEARN MORE

We are a 501(c)(3) nonprofit delivering research, technology, and human and business solutions via The Science of Intelligent Teaming™ to our government, industry, and academic clients in Ohio and the Nation.

We define the The Science of Intelligent Teaming™ as basic and applied research of highly diverse artificial intelligence, machine, and human teams and how they interact and perform with one another.

Together with academia, we accelerate innovation that leads to new breakthroughs. Together with government, we tackle critical global challenges and deliver new solutions. Together with industry, we develop groundbreaking ideas and speed them to market. This is where everything comes together. This is why Parallax is here.

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Parallax RDT&E and S&T Services

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Air Force Tech Connect

Get Connected!

The Air Force and Space Force need your ideas!

Today, more than ever, we are looking for ideas to keep us on the cutting-edge of new and innovative technologies. To make it easier for idea generators to CONNECT with our Air Force and Space Force science and technology experts and opportunities,

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SHARE AN IDEA

we have created this website. Simply click on the lightbulb icon to submit an idea, or peruse our links to find open opportunities in our Science and Technology ecosystem. How do you find the right opportunity, event, or website – one that ticks all the boxes for you – by using our easy search and filter functions on each page. For more information, watch the above video and visit our About Us page. Share your idea and GET CONNECTED to the Air Force and Space Force!
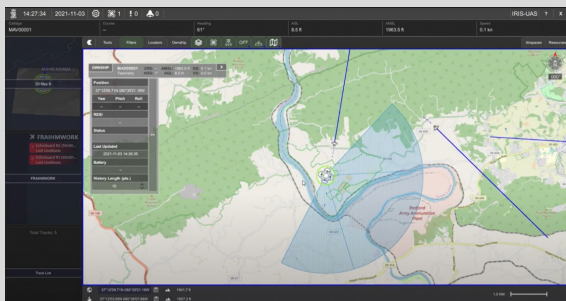
Ohio Federal Research Network (OFRN)

Featured News

PRESS RELEASE, FOR IMMEDIATE RELEASE

The Ohio Federal Research Network (OFRN) is a program administered by Parallax Advanced Research Corporation and The Ohio State University.

An OFRN commercialization success story: Tangram Flex commercializes its first component software integration platform

Tangram Flex is a spinout of Galois which was involved in an Ohio Federal Research Network-funded R&D project from 2016-2019 that resulted in autonomy test, evaluation, verification, & validation approaches and modules that address the critical need for safe and secure autonomous systems used by the Air Force Research Laboratory

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CAL Analytics Partners with FAA Test Site to Evaluate Unmanned Traffic Management Platform

Columbus, Ohio -- CAL Analytics is testing their Contingency Management Platform (CMP) with the Virginia Tech Mid-Atlantic Aviation Partnership (MAAP), a Federal Aviation Administration (FAA) designated Unmanned Aircraft System (UAS) test site. The deployment of the CMP is part of a pilot program with MAAP, to enable their Beyond Visual Line of Sight (BVLOS) operations.

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Ohio Federal Research Network
Driving Innovation Through Strategic Partnerships

OFRN is a State of Ohio-focused research and development program that was established by Parallax and the Ohio Department of Higher Education in 2014.

OFRN's mission is to stimulate Ohio's innovation economy by funding R&D projects that meet federal laboratory requirements and build statewide university and industry collaborations.

OFRN's vision is to be Ohio's go-to solution for creating R&D partnerships among academia, industry and government; driving economic development through innovation; and promoting and expanding Ohio's expanding Ohio's aerospace legacy.
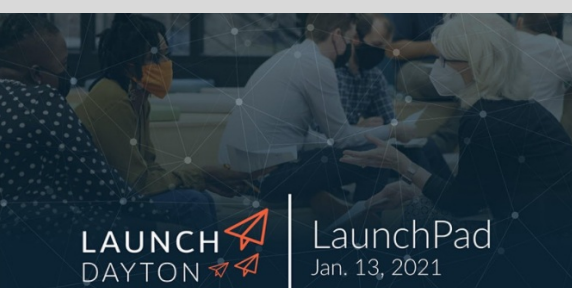
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OFRN Current Solicitation

OFRN FAQs

OFRN Services

Launch Dayton

News & Events

LAUNCH DAYTON | LaunchPad Jan. 13, 2021

LaunchPad | January 2022
January 13, 2022

Parallax is a founding partner of Launch Dayton: a collaborative entrepreneurial support effort with programmatic roots dating back to 2015.

Parallax's Launch Dayton team

This monthly LaunchPad event series brings you opportunities to expand your networks and grow your business.

Mix & mingle with fellow movers, shakers, entrepreneurs, creatives, founders, freelancers, engineers, researchers. Build networks in & out of your industry. Learn what and connect with who you need to launch your: startup, business, product, idea, collaborative, nonprofit.

REGISTER

Here are the startup stories you read the most in 2021

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supports Dayton Region entrepreneurs by cultivating an easily accessible resource environment, creating high-caliber programming and by building a network of champions, mentors and resource providers that help entrepreneurs succeed.

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Startups

Events

Early Risers

Academic Partnership Engagement Experiment (APEX)

News

Four reasons why you should use the US Air Force SBIR STTR program as a vehicle to finance your technology company/idea

Technology startups are hard. The term "valley of death" has been used to describe the difficulty of attracting funding needed for you to obtain customers, attract more funding, and get to a cash-flow positive position. It's real and still around.
The Department of the Air Force's (DAF) Small Business Innovation Research and Technology Transfer (SBIR/STTR) program can be a fantastic vehicle to help get you get past the "valley of death" and realize your entrepreneurial dream.

Read More

Digital Enterprise Transformation: addressing near-peer threats through innovation

The United States is engaged in a strategic competition. Not since the end of the Cold War has our country been challenged politically, economically, and militarily as it is

APEX

ACADEMIC PARTNERSHIP ENGAGEMENT EXPERIMENT

APEX is a Department of the Air Force (DAF) partnership intermediary program managed by Parallax Advanced Research that cultivates innovation for DAF by expanding the American research enterprise through academic, industry and government collaborations.

The APEX program eliminates barriers in accelerating the transition of science and technology solutions into transformational DAF operational capabilities. The program was established in 2019.

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Share your ideas with the U.S. Air Force! - Air Force Tech Connect

APEX Resources

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today. As a result of these new and emerging challenges, the National Defense Strategy has shifted focus to near-peer adversaries. U.S. Air Force Chief of Staff, General Charles Q. Brown has challenged all Airmen and their industry partners to "Accelerate Change or Lose."

[Read More](#)

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