

# November 2021 news & updates

## Parallax Advanced Research

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



Parallax turns 1! We're so grateful to our amazing Parallax team for all their hard work and accomplishments over the past year, and we're excited for more to come!



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](#)

[Parallax Business and Supplier Services](#)



Launch Dayton's Startup Week  
2021 Defense Track Recap  
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Parallax Advanced Research's KeAnna Daniels earns Dayton Business Journal's 2021 Outstanding Diversity Champion Award

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## Air Force Tech Connect (AFTC)



**SHARE AN IDEA  
NOW**

**SHARE AN IDEA**

### 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, 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



Ohio Federal Research Network  
*Driving Innovation Through Strategic Partnerships*

The Ohio Federal Research Network awards \$9.9 million to seven Ohio organizations to advance aerospace innovation in Ohio

[Read More](#)

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.



Parallax Advanced Research hosts Ohio Tech Day with OhioX to Advance STEM Careers

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The Ohio State University and Potomac Research innovate entropy extraction device to advance cybersecurity

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[OFRN Current Solicitation](#)

[OFRN FAQs](#)

[OFRN Services](#)

Asymmetric Technologies' IronClad Secure Flight Controller technology wins \$750,000 US Air Force STTR Phase II Award

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University of Toledo Institute of Applied Engineering Research makes advancements in additive manufacturing research and workforce development

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## Launch Dayton

### News & Events



Tae Winston first feature in new “I Am an Entrepreneur” series

[Read More](#)

# CULTURAL CAPITAL

## Microlending Program

**The Cultural Capital  
microlending application is  
open!**

Applications are open for the Cultural Capital microlending program, championed by the Greater West Dayton Incubator in partnership with Flyer Consulting and Citywide.

[Read More](#)



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 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.

[LEARN MORE](#)

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[Startups](#)

[Events](#)

[Early Risers](#)

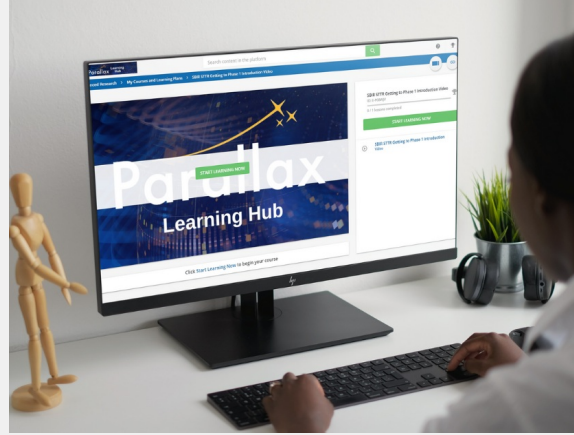
## Parallax Learning Hub

Academic Partnership Engagement Experiment (APEX) education and training services include client-focused learning solutions and Massive Open Online Courses (MOOC). The content of these services is scalable, can be provided virtually

and aim to educate an organization's workforce and/or individuals of academia about Department of the Air Force partnership opportunities supporting science and technology development for the warfighter.

### Client-focused learning solutions

- Tailored learning solutions for individuals, teams and organizations to meet their near and long-term client needs



**Parallax Learning Hub**



PARALLAXRESEARCH.ORG

**MOOC** - Video and web-based content on Department of the Air Force's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs and additional topics of utility tailored for the academic and small business communities. The MOOC is free of charge. You are welcome to take all modules in the MOOC (and if you do so and pass the knowledge check, you'll get a formal certification). However, enrollment into Parallax Learning Hub does not require that you watch the full suite of videos. Instead, you may elect to visit specific modules on topics that are of interest to you.

[LEARN MORE](#)

## Tech Warrior Enterprise (TWE)

### Events



### Tech Warrior Ops - Thank You!

Tech Warrior Spark OPS has officially come to an end and it's safe to say that it was a huge success! From the engaging, public education room to the private presenting room of 20 technologies—every step of the way was a benefit to the warfighter and small businesses.

Thank you to everyone who attended! We couldn't have done it without you!

**Unable to attend the event last week? Visit the event platform and**



Tech Warrior Enterprise is a technology demonstration program established in 2017 and provides facilities and technical evaluation support services to test new technologies via demonstration in relevant settings and in collaboration with government users.

The program's operational scenarios include combat rescue; disaster response; airbase defense; global integrated intelligence, surveillance and reconnaissance (ISR); personnel recovery; command and control; agile combat support; special operations, etc.

Tech Warrior Enterprise a U.S. Air Force Small Business Innovation

click on 'Agenda' to view the session recordings!

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Research (SBIR) and Small Business Technology Transfer (STTR) program that is administered by Parallax Advanced Research.

[LEARN MORE](#)

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[Event Calendar](#)

[FAQ](#)

## Academic Partnership Engagement Experiment (APEX)

### News

How the Department of the Air Force APEX PIA creates effective collaborations between industry and academia for U.S. Air Force SBIR/STTR proposals

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Columbus-based data security company simplifies defense compliance process for small businesses

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APEX program helps MTI Systems win \$150,000 US Air Force STTR and \$450,000 NASA SBIR awards

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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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## Events



DEPARTMENT OF THE AIR FORCE (DAF)  
**SBIR/STTR**  
PROGRAM OPPORTUNITIES

INFO SESSIONS

BROUGHT TO YOU BY

Parallax + APEX  
ADVANCED RESEARCH

**SESSION DATES:**

- Oct. 28, 2021 | 4 P.M. ET
- Nov. 10, 2021 | 3 P.M. ET
- Nov. 22, 2021 | 2 P.M. ET

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## DAF SBIR/STTR Program Opportunities Info Sessions

### Topics to be covered:

- The Open Topic: what's really different about the DAF SBIR/STTR program
- Other opportunities in a typical DAF solicitation, including new Specific Topics
- What you can do now to improve your chances for a solid proposal and selection
- Customer Discovery: It's what matters. How to get started
- APEX services to help you through and beyond your proposal



Parallax + APEX  
ADVANCED RESEARCH

**LEVERAGE APEX TO LEARN ABOUT AIR FORCE FUNDING**

Join us Nov. 11, 2021 | 11 AM - 12 PM ET

Presented by:  Dr. Kathleen Gilpin  
APEX Director of National Engagement

In partnership with:

techstars  
Tallahassee StartupWeek

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## Leverage APEX to Learn About Air Force Funding

Nov. 11 - 11AM - Noon ET  
Featuring National Engagement Director,  
Dr. Kathleen Gilpin



## Parallax Advanced Research Team

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