

# December 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 Advanced Research and Air Force Research Laboratory develop a multi-sensor exploitation for tactical autonomy [Read More](#)

Air Force Research Laboratory's Autonomy Capability Team and Parallax Advanced Research collaborate to explore the next generation of artificial intelligence [Read 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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E: [parallax@parallaxadvancedresearch.org](mailto:parallax@parallaxadvancedresearch.org)



[Parallax RDT&E and S&T Services](#)

[Parallax Business and Supplier Services](#)

An infographic titled 'Parallax 2020-2021 ACCOMPLISHMENTS'. It lists various achievements: 46 new Parallaxians, Dayton Business Journal 2021 Best Places to Work Honoree, launch of online courses, 5 new partnerships, \$12.38M contract award, \$750K grant, \$9.6M funding, \$9.9M award, 27,962 national contacts, 335 small businesses supported, 171 wins, and several large awards from AFRL and the U.S. Army. It also mentions partnerships with Ohio University, University of Cincinnati, Vertex, NDIA, and OhioX.

We recently celebrated our first year as Parallax Advanced Research in October and we want to showcase our accomplishments during the 2020-2021 timeframe. Thank you to our Parallax employees for all the work you put into making this first year as Parallax Advanced Research an incredible one! [Read More](#)

## 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



**SHARE AN IDEA  
NOW**

[SHARE AN IDEA](#)

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



Here's an inside look at the companies developing flying cars in Springfield  
[Read More](#)



Ohio Makes Aviation History with Advanced Air Mobility Showcase Flights  
[Read More](#)

New method for enabling a more reliable electric grid  
[Read More](#)



Missed the Ohio Advanced Air Mobility Showcase? Read our event recap here.  
[Read more](#)



**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.

[LEARN MORE](#)

E: [ofrn@parallaxresearch.org](mailto:ofrn@parallaxresearch.org)



[OFRN Current Solicitation](#)

[OFRN FAQs](#)

[OFRN Services](#)

## Launch Dayton

### News & Events



Parallax is a founding partner of Launch Dayton: a collaborative

## THE FINAL EARLY RISERS

Dec. 3, 8-9:30a  
at The Hub Powered by PNC Bank  
at the Dayton Arcade

Lineup announced for final morning Early Risers pitch event

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Meet Carlos Portis, UX designer by day, parentpreneur & tech founder by night

[Read More](#)



Meet Jeff Graley & Jorge Sanchez, doing cool stuff with cool people

[Read More](#)

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

E: [audrey.ingram@parallaxresearch.org](mailto:audrey.ingram@parallaxresearch.org)



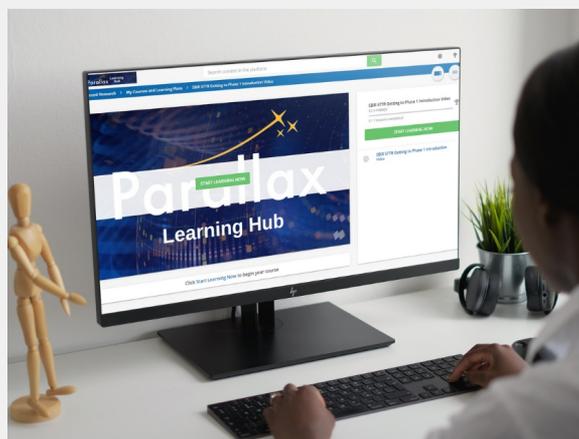
[Startups](#)

[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.



Parallax  
Learning Hub



PARALLAXRESEARCH.ORG

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

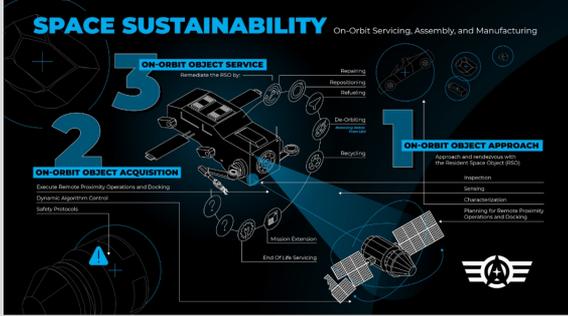
**MOOC** - Video and web-based content on Department of the Air Force's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs and additional topics of utility tailored for the academic and small business communities. The MOOC is free of charge. You are welcome 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

## Academic Partnership Engagement Experiment (APEX)

News





Orbital Prime's out of cycle STTR is OPEN!  
[Read More](#)



Proposers: Use these methods to overcome the top 5 challenges when applying to Department of the Air Force SBIR/STTR Open Topics  
[Read More](#)

New Human Performance Technology Wins Two \$50,000 Awards  
[Read More](#)

Administered by: **Parallax Advanced Research** **APEX** ACADEMIC PARTNERSHIP ENGAGEMENT EXPERIMENT

Questions? Please contact [apex@parallaxresearch.org](mailto:apex@parallaxresearch.org)  
 W: <https://apex-innovates.org>

Cultivating innovation by expanding the American Research Enterprise for the Department of the Air Force

### Process Navigation Consulting Services for DAF 22.1A SBIR/STTR solicitation

The Department of the Air Force (DAF), which includes the new Space Force, has changed the game in its SBIR/STTR program, making it very venture capital-like, fast and applications-oriented. The focus is on long-term opportunities to sell technology products to the DAF. The DAF participates in Department of Defense (DoD) solicitations three times per year. Below is the proposed schedule for the upcoming 22.1A solicitation:

**Pre-release:** Dec. 3, 2021 | **Full release:** Jan. 12, 2022 | **Proposals due:** Feb. 10, 2022

<p><b>APEX DAF 22.1A cohort services for entrepreneur/researcher teams</b></p> <p><b>APEX Pre-Award Group briefings</b>          Informative webinar events with key information held weekly leading up to proposal due dates. Available to all. Topics:</p> <ul style="list-style-type: none"> <li>➤ Air Force Structure</li> <li>➤ Commercialization Potential /Strategy</li> <li>➤ Creating an Effective Slide Deck for DAF SBIR/STTR</li> <li>➤ Cost Volumes and DSIP Portal Review</li> <li>➤ "11th Hour" Panel Discussion - issues &amp; Q/A</li> </ul> <p><b>APEX 1-1 Consulting Services</b>          APEX consultants act as a "trail guide" to proposing team. 1-1 services based on resource availability.</p> <ul style="list-style-type: none"> <li>➤ Helps proposal teams understand requirements</li> <li>➤ Slide deck and cost volume reviews</li> <li>➤ Advice on strategies to connect with DAF users</li> <li>➤ Keep proposal teams abreast of solicitation changes</li> <li>➤ A "sounding board" for the proposal process.</li> </ul> <p><b>APEX Team Matchmaking</b>          Connects university researchers and entrepreneurial teams nationwide to enable successful SBIR/STTR collaborations.</p> <ul style="list-style-type: none"> <li>➤ Researchers "advertise" technology specialty and prowess.</li> <li>➤ Entrepreneurial teams "advertise" research partner needs.</li> <li>➤ Self-selection</li> </ul> <p><b>Post-Award Consulting Services</b>          APEX-supported companies selected for DAF SBIR/STTR awards are provided consulting services to "walk with" them through their journey from Phase I to Phase II to eventual Phase III sales.</p> <p><i>Post-Award services include briefings, and 1-1 consultant support.</i></p> <p><b>All APEX entrepreneurial/researcher support services are free-of-charge</b></p>	<p>As a DAF Partnership Intermediary Agreement organization, APEX offers free-of charge services to help entrepreneurial/researcher teams navigate the DAF SBIR/STTR process.</p> <p>Access services by registering below:</p> <p><a href="#">Click to register for the APEX DAF 22.1A SBIR/STTR Cohort</a></p> <p>Or go to <a href="https://apex-innovates.org">apex-innovates.org</a> and click on "SBIR/STTR Process Navigation" under the Services tab</p> <p><a href="#">Click to attend one of our November information sessions for helpful tips and additional resources!</a></p>
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APEX is an effort sponsored in whole or in part by the Department of the Air Force, DAF, under Memorandum of Understanding/Partnership/Intermediary Agreement No. 148650-19-3-0461. The U.S. Government is authorized to reproduce and distribute reprints for Governmental purposes notwithstanding any copyright notation thereon. APEX is a program of Parallax Advanced Research.

If you are planning on submitting an SBIR or STTR proposal in the current round and want to join a process navigation consulting cohort to receive advice on how to navigate the proposal process and get invited to select APEX briefings:

[Learn More](#)

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.

[LEARN MORE](#)

E: [apex@parallaxresearch.org](mailto:apex@parallaxresearch.org)



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**Parallax Advanced Research Team**

E: [parallax@parallaxresearch.org](mailto:parallax@parallaxresearch.org)  
 W: <https://parallaxresearch.org/>



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