

# AFRL

August 2022

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THE AIR FORCE RESEARCH LABORATORY



## AFRL DEDICATES NEWEST WIND TUNNEL TO BELOVED ENGINEER



**WPAFB, Ohio** – AFRL hosted a ribbon-cutting ceremony for its newest wind tunnel facility, July 7, 2022, and dedicated it to Dr. Greg Parker, a beloved member of AFRL's Aerospace Systems Directorate, who died after a long battle with cancer. The Parker Subsonic Research Facility, or SuRF, is a low-speed wind tunnel used to evaluate prototype models including 3D-printed components. "This facility honors an aerospace engineer who

made valuable contributions to AFRL," Pringle said. "The wind tunnel is going to advance aircraft designs that we see in our inventory years from now so the legacy of Dr. Greg Parker will be around for such a long time." Parker, who worked for AFRL for 15 years, served active-duty Air Force for 20 years and retired as a major. He worked in test engineering for most of his career and was a senior engineer on AFRL's wind tunnel team for

six years. Several members of Parker's family attended the event including his father, uncle, son, daughter and wife, who called the facility a "wonderful gift." "This is truly an honor," said Davilyn Parker, Greg's wife. "You have given us a way to see Greg from your point of view as a colleague, a coworker and a professional. You have shown us that he was respected, his work had value and that he made an impact." [Full Story](#)

### MEDIA ARTICLES

**After successful flight tests for Skyborg, XQ-58 'continuing to evolve'**

Air Force Magazine  
[Read Full Article Here](#)

**New indoor drone testing site opens at Griffiss in Rome**

Observer-Dispatch  
[Read Full Article Here](#)

**A deeper look at life within the Army and Air Force research laboratories**  
SIAM  
[Read Full Article Here](#)

**Golden Horde: The Air Force is building the world's smartest bombs**

The National Interest  
[Read Full Article Here](#)

**AFRL begins integration, testing for experimental navigation satellite**

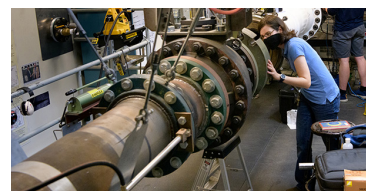
C4ISRNET  
[Read Full Article Here](#)

## AFRL Regional Research Hub makes headway

**WPAFB, Ohio** – AFRL's pilot initiative to establish regional research networks in the Midwest and Mid-Atlantic (AFRL Regional Research Hubs) is progressing as operational processes are established by the lead institutions, Purdue and Cornell universities. With the initiative launched in February, the AFRL Regional Research Hub is on track with its goals to connect AFRL innovative research with

regional innovators to leverage these ecosystems to accelerate technology translation and affect both defense and commercial markets. With this vision in mind, the Regional Research Hubs in the Midwest and Mid-Atlantic intend to integrate diverse stakeholders by facilitating new teams, processes and exchanges to create a culture of mission-driven vertically cohesive innovation by

leveraging the research, translation and workforce development strengths of its members. [Full Story](#)

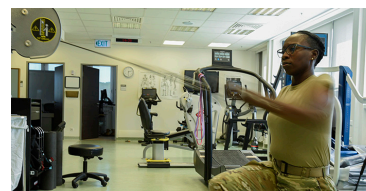


## New medical profile system to enhance communication, readiness

**WPAFB, Ohio** – A new medical profile system aimed at improving communication and overall readiness has been developed by the Air Force Research Laboratory in collaboration with the Air Force Medical Readiness Agency and the Defense Health Agency, and is slated to roll out to military treatment facilities later this summer. The Airman and Guardian

Availability Management (AGAM) system will continue to reside in the Aeromedical Services Information Management System (ASIMS), but will be the new way of generating a profile. ASIMS is a web-based application that provides the Air Force the capability to track medical readiness, including immunization data, through a web portal for all personnel both in fixed

or deployed facilities, and for security purposes, must be accessed using a Common Access Card. [Full Story](#)



### PEOPLE OF AFRL

**Dr. Melissa Wilson**, a nurse scientist and civilian executive officer to the vice director of the Air Force Research Laboratory's 711th Human Performance Wing (711HPW), has been selected as a fellow of the American Academy of Nursing. Induction into the academy is a significant milestone in a nurse leader's career. Their accomplishments are honored by their colleagues both within and outside the profession. Fellows are selected based on their contributions and impact on advancing the public's health. "I am grateful to everyone who contributed to my growth as a nurse to reach this career accomplishment," Wilson said. [Read More](#)



## AFRL DIGITAL MEDIA SPOTLIGHT

### AFRL VIDEO: Air war in 2050

See the exclusive interview between AFRL Commander Maj. Gen. Heather Pringle and Warrior Maven's Kris Osborn where she highlights basic research coming out of the Air Force Office of Scientific Research and the latest developments in autonomy, hypersonic flight, artificial intelligence and machine learning. [Watch Here](#)



### AFRL EVENTS: Inspire 2022

AFRL Inspire will be livestreamed on Tuesday, Aug. 23, at 1 p.m. EST. [WATCH HERE](#). This annual event showcases innovative ideas and passionate people from across the lab in short, entertaining and thought-provoking talks. [Learn More](#)



### AFRL LAB LIFE PODCAST: Episode 7

**AFRL Inspire - The Origin Story.** Dr. Dan Berrigan, an AFRL digital manufacturing research team lead, discusses AFRL Inspire origins, the lab's annual TEDx-style event that showcases the work of researchers in a live, dynamic environment. [Listen Here](#)



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