

UPLIFT: ENGAGING RESEARCH LEADERS OF TOMORROW

What is UPLIFT?

UPLIFT is an invitation-based seminar series sponsored by the Engineering and Technology Group (ETG) at The Aerospace Corporation (Aerospace). UPLIFT was created by the ETG Physical Sciences Laboratories team to connect Ph.D. students, postdocs, faculty, and space industry professionals with the Aerospace science and engineering community. The program is focused on fostering relationships between our staff and promising talent, providing opportunities to engage with our organization to share research and unique perspectives. We strongly believe these community-based relationships offer a significant advantage to the next generation of exceptional scientists and engineers.

Building on its early success, UPLIFT has recently been expanded to include all Aerospace technical disciplines. While the primary goal is to facilitate connections between outstanding talent from across the nation and Aerospace professionals, UPLIFT also offers career development and recruitment opportunities for participants.



In the Additive Manufacturing Laboratory, an Aerospace scientist studies the relationship between the processing, structure, properties, and performance of 3D printed parts.

UPLIFT Seminar

The UPLIFT Seminar Series is a monthly event where invited speakers present their research through an UPLIFT Science Seminar. Each month, a guest speaker presents exceptional research or accomplishments from their area of expertise to a technical audience within Aerospace.

UPLIFT Connect

In addition to the seminar, speakers are offered the opportunity to engage with various leaders and staff of Aerospace, fostering connections on technical or career-related subjects. UPLIFT Connect encompasses meetings with Aerospace staff, discussions with fellow researchers, exclusive tours of state-of-the-art laboratories guided by our top scientists, and networking opportunities with our employee resource groups.

UPLIFT Engage

After the UPLIFT Seminar Day, speakers are invited to further engage with Aerospace by connecting via social media and subscribing to our monthly newsletter. Speakers may also collaborate with an Aerospace liaison and benefit from additional developmental and networking opportunities.

Our Vision

Aerospace believes the best science and engineering happens in an environment where all voices are heard and respected and that this collaborative environment drives innovation. UPLIFT was created to actively pursue and promote exceptional talent in the science, technology, engineering, and math (STEM) disciplines.

About the Aerospace Engineering and Technology Group

ETG is made up of dedicated engineers and scientists who comprise nearly half of the company's technical workforce. ETG personnel leverage their extensive knowledge of the nation's space systems to innovate technologies and architect new solutions. Our technical staff use novel engineering analyses, advanced modeling and simulation, and more than 150 Aerospace state-of-the-art laboratories to deliver breakthrough results to our customers.

To learn more about UPLIFT, visit: aerospace.org/uplift

Interested in participating or have a question about the UPLIFT program? Contact us at uplift.mailbox@aero.org.

To learn more about Aerospace career opportunities, visit us at: aerospace.org/careers.

Note: All Aerospace employees working in organizations with technical responsibilities are required to apply for and maintain at least a Secret clearance. U.S. citizenship is required for those positions.



A researcher inspects data associated with the material science of a critical space system in a unique laboratory at Aerospace.

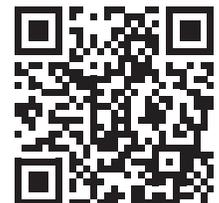


The Vehicle Systems Division (VSD) provides engineering solutions to the nation's vehicle system challenges when and where they are needed.



A VSD engineer is leading the effort to mature a testbed to support emerging rendezvous, proximity operations and docking (RPOD) technologies.

Learn More



The Aerospace Corporation

The Aerospace Corporation is a leading architect for the nation's space programs, advancing capabilities that outpace threats to the country's national security while nurturing innovative technologies to further a new era of space commercialization and exploration. Aerospace's national workforce of more than 4,600 employees provides objective technical expertise and thought leadership to solve the hardest problems in space and assure mission success for space systems and space vehicles. For more information, visit www.aerospace.org.