

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 diverse 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 historically underrepresented groups 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. Speakers are invited to present their areas of expertise through one of two types of presentations:

- 1. UPLIFT Science:** The speaker presents exceptional research or accomplishments to a technical audience within Aerospace.
- 2. UPLIFT Impact:** The speaker shares successful strategies and programs for amplifying underrepresented voices through a presentation, panel, workshop, or discussion to a broader Aerospace audience.

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 from underrepresented groups 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.

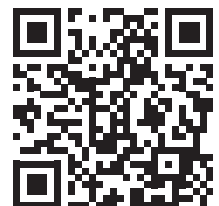


The Vehicle Systems Division (VSD) provides engineering solutions to the nation's vehicle system challenges when and where they are needed.



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 national nonprofit corporation that operates a federally funded research and development center and has more than 4,600 employees. With major locations in Chantilly, Virginia; El Segundo, California; Albuquerque, New Mexico; and Colorado Springs, Colorado, Aerospace addresses complex problems across the space enterprise and other areas of national and international significance through agility, innovation, and objective technical leadership. For more information, visit www.aerospace.org.