



# Accelerating Material Innovation for Competitive Advantage & Expanding the Defense Industrial Base

## Event Schedule: September 18, 2025

Time	Activity
7:30 am – 8:00 am	<b>Registration, Breakfast &amp; Networking</b> <i>Training Room, LIFT HQ</i>
8:00 am – 8:15 am	<b>Opening Remarks &amp; Welcome</b> <i>Noel Mack, LIFT, Chief Technical Officer</i>
8:15 am – 8:45 am	<b>LIFT Advanced Technology &amp; Material Innovation</b> <i>AMPP – Advanced Metallics Production and Processing Center</i> <i>Tony Bromwell, LIFT, VP Advanced Development</i>
8:45 am – 9:00 am	<b>Keynote: Ensuring Technological Advantage</b> <i>Carrie Davis, Branch Chief, Naval Surface Warfare Center, Carderock Division</i>
9:00 am – 9:45 am	<b>Keynote: Accelerated Materials Innovation</b> How emerging technologies are playing a role in material research and implementation. <b>*Invited:</b> Lockheed Martin, Northrop Grumman Corporation, RTX Technology Research Center (RTRC)/ Raytheon
9:45 am – 10:15 am	<b>Break, Networking &amp; Tabletop Exhibits</b> <i>Meet LIFT Members</i> <i>2<sup>nd</sup> Floor Lunch Area &amp; Training Room</i>
10:15 am – 10:45 am	<b>Next-Gen Alloys for High-Performance Applications</b> Innovations in producing high-purity, high-performance materials for demanding industrial and defense Applications. <i>Jake Bowles, Vulcan Elements, Chief Operations Officer</i>
10:45 am – 11:15 am	<b>Precision Metal Forming: Innovation in Swaging &amp; Wire Flattening</b> Customized metal forming solutions that support scalable production and advanced material shaping. <i>Craig Watterson, Fenn Torin, Sales Manager</i>
11:15 am – 11:45 pm	<b>Vacuum Metallurgy: Enabling Advanced Materials Through Innovative Casting Technologies</b> Atomization and casting processes that are shaping the future of advanced powder and alloy production. <i>Sasha Long, Arcast, Corporate Officer and Engineering Manager</i>
11:45 pm – 12:15 pm	<b>Additive Materials Reinvented: Unlocking New Possibilities</b> 3D printing with advanced metal composites and performance-enhancing additive materials. <i>Jeremy Iten, Elementum 3D, Chief Technical Officer</i>
12:15 pm – 1:00 pm	<b>Lunch, Networking &amp; Tabletop Exhibits</b> <i>*Options: Learning Lab Tour or Meet LIFT Members</i> <i>2<sup>nd</sup> Floor Lunch Area, LIFT Learning Lab, Training Room</i>
1:00 pm – 1:30 pm	<b>Expanding the Defense Industrial Base</b> MPP Program Overview <i>Beth Cryderman Moss, LIFT, Director, Contracts and Mentor-Protege Program</i>
1:30 pm – 2:15 pm	<b>Keynote: Mentor's Perspective – Expanding the Supplier Base &amp; Driving Growth with Small and Non-Traditional Businesses</b> Small and non-traditional businesses are critical to innovation and resilience in national security. This session offers practical insights on how to engage with prime contractors, navigate mentorship channels, and align capabilities to real defense needs <b>*Invited:</b> Crystal King, Raytheon, Supplier Diversity Business Lead

	<b>*Invited:</b> Jason Bridges, Lockheed Martin, Research Engineer
2:15pm – 3:00 pm	<b>Panel: Breaking Silos – Mentor-Protégé Authorized Subcontractors</b> Moderator: LIFT  <b>*Invited:</b> MII: Beth Cryderman Moss, LIFT, Director, Contracts and Mentor-Protege Program MEP: Ramon Vega, PRiMEX, Executive Director APEX: Jutta Bangs, The University of Tennessee, Counselor SBDC: Jodie Beckley, Schoolcraft College, PH.D., Director
3:00 pm – 3:45 pm	<b>Manufacturers Strengthening Defense Industrial Base: Small Business Briefings</b> Moderated Fire Side Chat: <ul style="list-style-type: none"> <li>• Aubrey Greene, Tampa Brass &amp; Aluminum, President – Owner</li> <li>• Jeremy Iten, Elementum 3D, Chief Technical Officer</li> <li>• Jake Bowles, Vulcan Elements, Chief Operations Officer</li> </ul>
3:45 pm – 4:00 pm	<b>Closing Comments</b> Christine Longroy, LIFT, Sr. Director Industrial Base Engagement
4:00 pm – 4:30 pm	<b>Coffee, Conversations &amp; Technology</b> Optional LIFT Highbay & Learning Lab Tour, Networking & Tabletop Exhibits