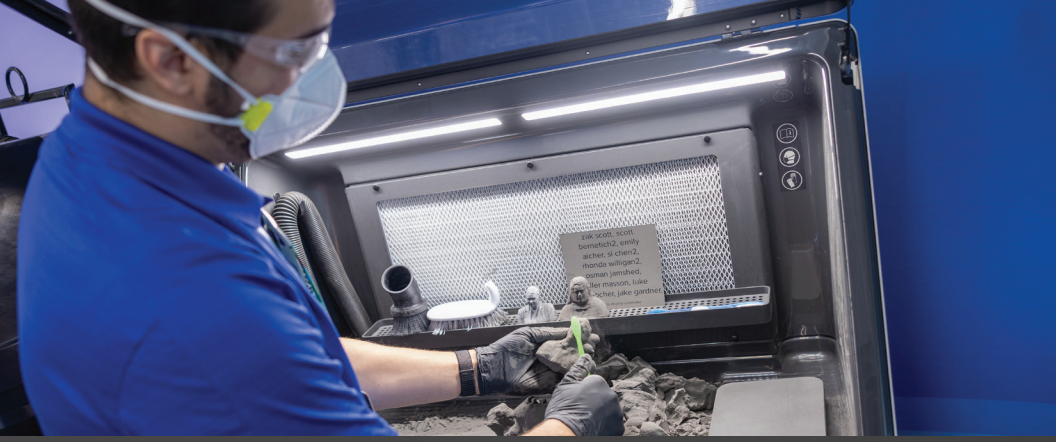

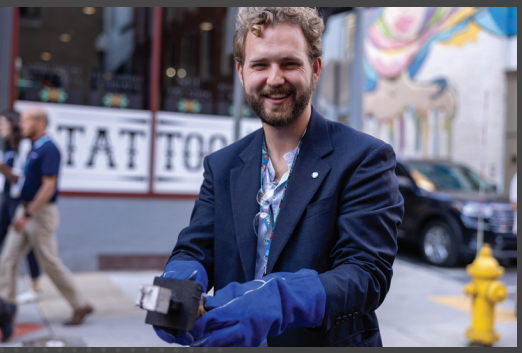

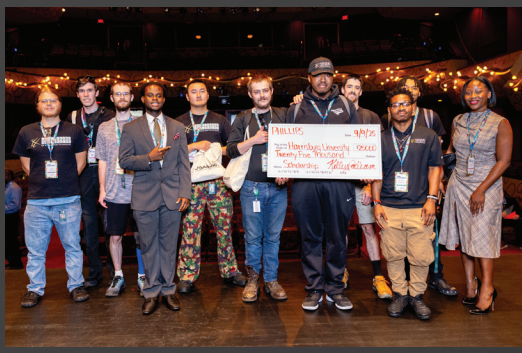

J-DAMMIT®

Joint-Defense Advanced Manufacturing Meeting for Innovation and Transition

AUGUST 25–27, 2026

Uniting STEM with advanced manufacturing and national defense.

HARRISBURG UNIVERSITY
OF SCIENCE AND TECHNOLOGY

J-DAMMIT is where advanced manufacturing gets real.

The Joint-Defense Advanced Manufacturing Meeting for Innovation and Transition (J-DAMMIT) brings together the people, technologies, and capabilities shaping the future of the U.S. defense industrial base.

Now in its fourth year, J-DAMMIT has grown from a small gathering into a nationally recognized, hands-on experience designed around one simple idea: the best way to understand new technology is to get your hands on it.

Over three days, a limited group of attendees will move beyond presentations and exhibit halls to engage directly with more than 40 industry partners, manufacturers, technology providers, and subject-matter experts. Participants will see advanced manufacturing technologies in action, work with real equipment and materials, ask the difficult questions, and explore how emerging capabilities can move from demonstration to real-world application.

Hosted by Harrisburg University of Science and Technology, J-DAMMIT creates a unique environment where defense leaders, manufacturers, engineers, educators, and technology innovators can connect across organizations and disciplines.

Come ready to learn. Come ready to collaborate. Come ready to get your hands dirty.

J-DAMMIT is more than an event. It is an opportunity to experience what is possible, build relationships that move projects forward, and help shape the future of American manufacturing.

THANK YOU PLANNING COMMITTEE

Dan Braley
Emily Mallis
Jim Monroe
Jim Snodgrass
John Sjolander
Lynzie Wagaman
Ryan Ash
Wesley Hart

WELCOME MESSAGE

Welcome to J-DAMMIT 2026

When we started J-DAMMIT, the goal was never to create another conference where people sit in a room, listen to presentations, collect a few business cards, and head home. We wanted to create something different—something where people could see the technology, touch it, ask questions, have real conversations, and imagine what is possible.

Four years later, that idea has grown into something we are incredibly proud of.

Over the next three days, you will have the opportunity to get up close with some of the most exciting technologies, materials, machines, and processes being used to advance American manufacturing and support our defense industrial base. But more importantly, you will meet the people behind them.

We hope you will take advantage of that. Ask the questions you came here to ask.

Talk about the manufacturing challenges you are trying to solve. Get your hands dirty.

Meet someone new. Try something you have never tried before.

Some of the best conversations at J-DAMMIT happen when someone says, “I wonder if we could…” and a vendor, engineer, manufacturer, or fellow attendee responds, “Let’s find out.”

That is what we want J-DAMMIT to be, a place where ideas move from conversation to experimentation, and where relationships turn into real opportunities.

We also know that an event like this only happens because a lot of people believe in it. To our sponsors, vendors, speakers, military and government partners, volunteers, and everyone who brought equipment, materials, expertise, and enthusiasm to J-DAMMIT, thank you. Your willingness to share what you do and invite others into the process is what makes this event so special.

And to everyone attending: thank you for choosing to spend these three days with us.

Whether this is your first J-DAMMIT or you have been with us from the beginning, we hope you leave with new ideas, new connections, and maybe even a few answers to problems you walked in with.

Most of all, we hope you leave excited about what is possible.

Welcome to J-DAMMIT 2026.

Now let’s get to work.

LJ Holmes and the J-DAMMIT Event Team
Harrisburg University of Science and Technology

MEAL TICKETS

Your meal tickets can be used at any food truck available for lunch or dinner.

TUESDAY, 25 AUGUST		HU-HST= Health Sciences Tower at 222 Chestnut
0730	Registration & check-in	HU-HST | Floor 1
	Morning refreshments	HU-HST | Floor 2
0815–1000	Presentation of Colors and National Anthem Harrisburg University Greeting, Chris Reber, Ph.D. Welcome Address, Kelley Padham, President Phillips Federal Special Guest, Martina Johnson, Deputy Director DLA, R&D Keynote Speaker, Tim Simpson, Ph.D., PSU Emeritus J-DAMMIT Remarks, LJ Holmes, Executive Director, Stormwerx	Whitaker Center 222 Market Street
1000–1200	Hands-on technical demonstrations	See page 10
1200–1300	Networking lunch	Outdoor Tent
	Student posters & expo	HU-HST | Floor 3
1300–1700	Technical demonstrations reopen	HU-HST | See page 10
	Engineering challenge work space	HU-HST | Floor 2M
	Expo and student posters	HU-HST | Floor 2
1300–1600	Digital Thread & MBD Awareness Training	HU-HST | Floor 3 RM 306 See page 14
1300–1530	Executive panels (All attendees are welcomed)	
1300–1400	Critical Materials Panel, moderated by Critical Materials America	HU-HST | Floor 2 Auditorium
1430–1530	Operationalizing AdvM- From Lab to Field, Moderator: Jim Zunino	
1700	End of day for technical demonstrations	
1700–2000	Networking event sponsored and hosted by KVG at K1 Racing. Meet buses at 1700, 1730, 1800 Return buses at 2030, 2100, 2130	Meet outside HU-HST Chestnut Street entrance

SCHEDULE

WEDNESDAY, 26 AUGUST		HU-HST= Health Sciences Tower at 222 Chestnut
0730	Registration & check-in Morning refreshments	HU-HST | Floor 1 HU-HST | Floor 2
0815–1000	Feature keynote and remarks Spencer Koroly J-DAMMIT Remarks, LJ Holmes, Executive Director, Stormwerx	Whitaker Center 222 Market Street
1000–1200	Hands-on technical demonstrations	See page 10
1200–1300	Networking lunch Student posters & expo	Outdoor Tent HU-HST | Floor 3
1300–1700	Technical demonstrations reopen Engineering challenge work space Expo and student posters	HU-HST | See page 10 HU-HST | Floor 2M HU-HST | Floor 2
1300–1600	Digital Thread & MBD Awareness Training	HU-HST | Floor 3 RM 306 See page 14
1300–1530 **1300–1400** **1430–1530**	Executive Panels (All attendees are welcomed) Additive Manufacturing of Electronics and Electronics Repair, Moderator: Rich Neill Expeditionary Biomanufacturing, Moderator: Anne Walker, Ph.D.	HU-HST | Floor 2 Auditorium
1700	End of day for technical demonstrations	
1700–2000	Networking event sponsored and hosted by Homefront Manufacturing at Harrisburg Beach Club. Meet buses at 1700, 1730, 1800 Return buses at 2030, 2100, 2130	Meet outside HU-HST Chestnut Street entrance

Scan for K1 Racing address.

Scan for City Isand parking. Walk to Harrisburg Beach Club from there.

THURSDAY, 27 AUGUST		
0800	Registration & check-in Morning refreshments	Floor 1 Floor 1
0800–1100	Wrap up technology demonstrations	See page 10
1030–1200	Engineering challenge sponsored by Pantheon and Sentinel Bring your drone to race(registration required)	Spectators can bring Nerf guns to combat the drones.
1200	End of Event	

25 AUGUST KEYNOTE

Timothy W. Simpson, Ph.D.
Paul Morrow Professor Emeritus, Penn State University, University Park, PA, and Former Senior Advisor for Advanced Manufacturing & Digital Engineering, NASA Langley

Timothy W. Simpson, Ph.D. is a Fellow ADDVisor® with The Barnes Global Advisors where he leads education, training, and workforce development along with strategic initiatives. He is also Penn State's Paul Morrow Professor Emeritus, having retired after serving on the faculty in Mechanical Engineering and Industrial & Manufacturing Engineering for 26 years. While at Penn State, he co-founded and co-directed the Center for Innovative Materials Processing through Direct Digital Deposition (CIMP-3D), and he co-founded and ran the world's first Additive Manufacturing & Design Graduate Program. He received over $65M to support his research in additive manufacturing (AM), Design for Additive Manufacturing (DFAM), and product design and optimization, and he has co-authored over 450 peer-reviewed journal and conference papers and been awarded two patents. Finally, he was the Senior Advisor for Advanced Manufacturing and Digital Engineering at the NASA Langley Research Center, supporting strategic partnerships with industry, academia, and other federal agencies.

KEYNOTE PROFILES

25 AUGUST PANEL MODERATOR

Jim Zunino

Senior Scientific Technical Manager for Advanced Manufacturing and Future Concepts

Panel- Operationalizing AdvM - From Lab to Field

Join us for open discussion with Department of War Advanced Manufacturing SMEs and Warfighters highlighting recent Experiments, Operational Assessments, and Technology Insertions into Training and Exercises. Panel will be lead by Jim Zunino, Senior Scientific Technical Manager for Advanced Manufacturing and Future Concepts and CPT Chris Bolton of the 101st Air Borne Division and invited guests.

26 AUGUST KEYNOTE

Spencer Koroly

Business Development Operationalization Manager

At the Edge of Survival: Adapting Ukraine's Innovation Ethos for the Pacific

Ukraine has proven that rapid field iteration and low-cost mass are essential to modern battlefield survival, but contiguous supply lines won't exist in a Pacific conflict. While traditional Western acquisition struggles to match the massive production capacity of peer adversaries, non-contiguous island-hopping warfare demands distributed, localized manufacturing at the forward edge. This talk outlines how adapting Ukraine's innovation ethos to an island-hopping theater can secure Western industrial resilience before time runs out.

26 AUGUST PANEL MODERATOR

Anne Walker, Ph.D.

DEVCOM CBC Senior Engineer

Biomanufacturing as a Strategic Enabler for Advanced Manufacturing

While biomanufacturing is traditionally associated with pharmaceuticals and fuels, it represents a powerful, domestic advanced manufacturing capability for producing critical materials and chemicals. This session will make the case that biomanufacturing is fundamentally an advanced manufacturing platform that can strengthen our industrial base, solve sustainment challenges, and secure domestic supply chains. We invite the advanced manufacturing community to join this collaborative discussion to demystify these biological tools and explore how we can integrate them into our broader advanced manufacturing strategies.

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PANTHEON

CRITICAL MATERIALS

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MET-L-FLO INC.

Advanced Printed Electronic Solutions

Plastometrex

PROTOTEK Digital Manufacturing

OPT

AURELIUS BRAIN HEALTH & HUMAN PERFORMANCE

CA

3YOURMIND

We want to give special thanks to our individual donors who helped sponsor *over $14,000* of J-DAMMIT programming!

THANK YOU for your support!

HANDS ON DEMONSTRATIONS

LOCATION	COMPANY	DEMOS
229	Phillips	Phillips expert operators will present precision CNC manufacturing capabilities. They will also demonstrate Hybrid Manufacturing using Laser-Wire DED combined with CNC machining.
211C	HU XR Taskforce	The Harrisburg University Extended Reality Taskforce will be demonstrating Augmented Reality and Virtual Reality technologies.
2M	nScrypt	nScrypt manufactures and sells industrial precision microdispensing equipment for multi-material fabrication. Their team will be demonstrating Direct Digital Manufacturing of electronics.
2M	Homefront Manufacturing	Homefront Manufacturing design and manufacture secure, high-performance 3D printing systems purpose-built for demanding environments. Engineered for reliability, speed, and repeatability, our systems enable operators to produce critical parts exactly when and where they are needed.
211C	Direct Dimensions	Direct Dimensions' demonstration space will feature hands-on demonstrations of the latest Artec 3D scanning technologies so you can see firsthand how quickly and accurately physical parts can become engineering-ready 3D CAD data.
211C	Prototek	Prototek is a leading digital manufacturing partner providing advanced additive manufacturing, CNC machining, and sheet metal fabrication for mission-critical aerospace and defense applications. With deep technical expertise, rapid-response production capabilities, and certifications and compliance standards including AS9100, ITAR registration, and CMMC 2.0.
211C	MET-L-FLO Inc	MET-L-FLO Inc is a contract manufacturer specializing in AM and AM enabled Polymer and Silicone products. We are ISO/AS9100 and ITAR certified.
211C	OPT Industries	We engineer material functions through microstructures, turning precise geometry into performance. Our platform is a digital photolithography process to build structured materials with full control in geometry at the scale of micros.

LOCATION	COMPANY	DEMOS
211C	Foundry Lab	Foundry Lab's automated metal casting technology produces the worlds strongest and lightest castings - without specialist operators. Our Austin, TX based foundry casts high complexity, thin walled components in under a week.
210B & C		Two open breakout rooms
329	Axtra3D	Axtra3D experts in DLP Vat Photopolymerization will demonstrate their ability to print robust molds and apply their technology in an injection molding exercise.
329	M5D	The M5D team will be demonstrating Rapid SLS printing of high performance parts and 3D scanning.
3rd Floor	ScanSpex, LLC	We specialize in 3D scanning, metrology, reverse engineering software, technical training and customer support. If you want to know anything about 3D Scanning, stop by and see us. **Bonus: Don't forget to stop by to get a 3D scan of your head and get a mini version of yourself.**
2M	Chicago Additive	At Chicago Additive, we manufacture the AMOS line of rugged, deployable additive manufacturing systems built to bring production directly to the point of need. AMOS systems have proven their deployability through real-world field exercises, successfully manufacturing mission-critical components in austere environments.
2M	KUPROS Inc.	More than 80× the conductivity of leading polymer-based conductive filaments. All-metal. Power-grade. High-current. High-voltage. No required post-processing. Print functional electronics using standard FDM/FFF platforms, from consumer desktop printers to industrial systems.
329	EOS	EOS is the leading technology provider worldwide for industrial 3D printing of metals and plastics. We are pioneers and innovators for integrated solutions in AM and have mastered the interactions between lasers and powder materials.

HANDS ON DEMONSTRATIONS

LOCATION	COMPANY	DEMOS
329	KVG	KVG is an international mission support provider that delivers sustainable tailored solutions in challenging, austere, and rugged environments. KVG operators will be demonstrating FFF or field-ready parts.
329	Stratasys	Stratasys delivers industrial grade additive solutions. The Stratasys team will be demonstrating multiple polymer additive technologies.
329	Xact Metal	Xact Metal engineers will demonstrate affordable Laser Powderbed Fusion equipment that provides a new level of price and performance in metal additive manufacturing.
329	Phillips	Robotics experts from Phillips and Harrisburg University will demonstrate Robot and Cobot programming and automation.
3rd Street	AES2	Advanced Engineering Solutions and Services will be demonstrating their NextGen Hybrid on the move command and control platform. Able to be easily configured to suit any C2 mission be it a mobile hub for Expeditionary Additive or support vehicle for mobile missile launchers.
Black Berry Street	Earlbeck	Earlbeck Gasses and Technologies, will be demonstrating several welding techniques in our Expeditionary Manufacturing arena.
3rd Street	Phillips	Phillips expert operators will demonstrate their latest Expeditionary Manufacturing Efforts that includes Hybrid Manufacturing using Wire-Arc DED combined with CNC machining.
3rd Street	Stratasys	Stratasys delivers industrial grade additive solutions. The Stratasys team will be showcasing their mobile Experience Stratasys Truck along with several machines in the HU labs.
3rd Street	Skuld	Skuld engineers will demonstrate Additive Manufacturing Evaporative Casting. **Get your own J-DAMMIT Heavy Metal Ingot!!**

NON-DEMO SPONSOR BIOS

COMPANY	BIO
ASTRO America	The Applied Science and Technology Research Organization of America (ASTRO America) is a non-profit organization that partners with industry, government and academic partners to develop Advanced Manufacturing Accelerators in key locations around the globe. Please come to discuss the global support we provide.
Eaton Research	From digitalization and the Internet of Things (IoT) to advanced materials, additive manufacturing, power electronics and Artificial Intelligence (AI), Eaton Research is focused on what the world and their customers need NEXT.
Senvol	Senvol will provide live demos of Senvol ML™, its machine learning software specifically for AM. The software can be used to help rapidly optimize parameters & develop materials, support qualification of AM machines & materials, predict material properties, and minimize data generation costs. The software can analyze data from any AM machine, any AM material, and any AM process.
APES	Advanced Printed Electronics Solutions experts will demonstrate their newest techniques for Additive Manufacturing of Electronics for three dimensional packaging.
Critical Materials America	Critical Materials America is a trade association with a focus on raising awareness, education and to advance policy considerations of critical materials. CMA is hosting a panel discussion.
Plastometrex	The pioneers of “Indentation Plastometry”, Plastometrex reimagines the mechanical testing of metals by enabling scientists and engineers to quickly and non-destructively obtain accurate stress-strain curves and mechanical properties with ease. Plastometrex products use PIP (Profilometry-based Indentation Plastometry), our proprietary technology honed over 15 years of prior research by former Cambridge materials scientists.
Rennscot Manufacturing	To transform manufacturing by building a future where innovation, technology, and aspirational ideas solve challenges for the world's most demanding industries—setting new standards, inspiring industry change, and empowering a team united by opportunity and passion.

NON-DEMO SPONSOR BIOS

COMPANY	BIO
Aurelius	Aurelius operates a brain health and human performance lab. Our Accelerated Brain Health Programs are holistic, medication-free and utilize cutting-edge technology to treat TBI, PTS, Depression and Anxiety. Tours open during J-DAMMIT at 326 Market Street, Harrisburg.
3YOURMIND	3YOURMIND is an on-demand manufacturing software that empowers companies to identify and produce parts when needed. OEMs, operating companies, and contract manufacturers can create digital inventories of qualified parts to reduce costs, shorten production lead times, and secure more efficient and agile operations.

COMPLIMENTARY TRAINING

CONNECTICUT CENTER FOR ADVANCED TECHNOLOGY

Digital Thread & MBD Awareness Training

CCAT is an applied technology center that helps manufacturers adopt and integrate advanced technologies through technical expertise, training, and hands-on support in areas including additive manufacturing, digital manufacturing, automation and robotics, metrology and inspection, and model-based engineering. At J-DAMMIT, CCAT will offer Model-Based Definition (MBD) Awareness Training, introducing manufacturers to the shift from traditional 2D drawings and paper-based processes to 3D model-based Technical Data Packages (TDPs). Developed with support from the U.S. Department of War, Awareness Training is the first step in CCAT's broader MBD technical training program, which also includes hands-on Technical Training Pathways and an MBE Digital Maturity Assessment to help manufacturers identify and address gaps in their digital readiness.

Advanced Manufacturing and Robotics

Bachelor of Science (BS)

HU's ADMA program teaches theory and practical applications simultaneously along with hands-on activities, such as programming, testing, and experimentation.

The core focus areas in ADMA are:

- The manufacturing process
- Smart factories
- Cyber-physical system
- Robotics and automation
- Metallic and non-metallic materials and processing
- CAD/CAM, digital design, simulation

NOTES

Thank you for your consideration

in supporting the Joint-Defense Advanced Manufacturing Meeting for Innovation and Transition (J-DAMMIT). Consider giving to continue creating opportunities to showcase your brand, your values, and your mission.

EXPLORE HARRISBURG UNIVERSITY

HU Campus Points of Interest

1 Chestnut Street Parking Garage
2 326 Market St Parking Garage (within HU)
3 Au Bon Lieu French Creperie
4 Freshido Hawaiian Restaurant
5 Agape Elixir Bar
6 Hilton Harrisburg
7 HU Academic Tower
8 HU Administrative Offices
9 HU Storm Shelter
10 **HU Blackberry Technology Center**
11 **HU Health Sciences Tower**
12 HU Office of Career Services & Experiential Learning
13 HU Storm eSports Facility
14 HU Student Union
15 Market on Market Convenience Store
19 Strawberry Square
20 **Whitaker Center**
21 Crowne Plaza Harrisburg-Hershey

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