

Getting Started in Additive Manufacturing

An ADAMC Webinar

Tuesday, June 25, 1:00 – 3:00 PM CDT

1:00 – 1:10 PM	Welcome and Introductions		
1:10 – 1:30 PM	Could AM vs Should AM	Kimberly Gibson	America Makes
	<i>Explores the factors to consider to determine if a part can be made using AM and if it should be made using AM.</i>		
1:30 – 1:50 PM	Design Considerations for Additive	Nina Bullock	Calhoun Community College
	<i>Presents the key elements for designing a part for AM that takes into account building, post-processing, validation, and testing.</i>		
1:50 – 2:10 PM	AM Sounds Great. How do I Get Started?	Tommy Dupuy	U.S. Army, DEVCOM AvMC
	<i>Provides the perspective of a "trusted advisor" in getting started with AM. Helps answer questions regarding equipment, what you need, and the current state of AM standards.</i>		
2:10 – 2:30 PM	True Story: A Practical Path into AM	Shawn Wilber	Austal USA
	<i>Shares one company's journey into AM, beginning with simple parts, logical applications, and a one-month ROI.</i>		
2:30 – 2:50 PM	True Story: Transforming the Casting Pattern Industry	Brandon Lamoncha	Humtown Products
	<i>Tells the story of how AM helped a humble pattern shop grow into a global leader in conventional and 3D printed sand cores & molds.</i>		
2:50 – 3:00 PM	Closing		

Presenter Bios

Kimberly Gibson

Ecosystem Director, America Makes

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Kimberly is the Ecosystem Director for America Makes, the U.S Dept of Defense funded public-private partnership for additive manufacturing technology and education. An evangelist for distributed manufacturing, Kimberly works to accelerate the adoption of 3D printing technology into the U.S. industrial base, by leveraging the assets of regions and their unique industry mix. Before joining the America Makes team, Kimberly was Co-Founder and Chief Mischief Officer at IC3D, heading up marketing / business development and sharing her expertise in welding, technology strategy, public policy, and workforce development to advance the application of large format polymer 3D printing into industry and to allow access to manufacturing for all people.

Nina Bullock

MEng Additive Manufacturing and Architectural Designer, Calhoun Community College

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Nina Bullock, MEng, is an accomplished educator and engineering professional with a passion for additive manufacturing and architectural design. She was inspired to establish the Additive Manufacturing Associates degree program at Calhoun Community College in 2011. This popular program was a significant achievement for the State of Alabama engineering education landscape. Following undergraduate studies in career technical education at Athens State University, she obtained an online master's degree in engineering from UAB. The last 15 years have been dedicated to teaching diverse courses at Calhoun Community College.

Tommy Dupuy

Subject Matter Expert for Additive Manufacturing at the Prototyping Integration Facility (PIF) at Redstone Arsenal for the US Army, DEVCOM, AvMC

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Tommy DuPuy has 16 years of experience in industrial additive manufacturing, working across various sectors including aviation, medical, automotive, and mass manufacturing. Over the years, Tommy has developed, integrated, and innovated numerous additive manufacturing applications, resulting in being named on 10 patents. Currently, Tommy serves as the Subject Matter Expert for Additive Manufacturing at the Prototyping Integration Facility (PIF) at Redstone Arsenal for the US Army.

Shawn Wilber

Advanced Ship Building Manager, Austal USA

shawn.wilber@austalusa.com

Shawn Wilber is a self-motivated and detail-oriented Naval Architect and Marine Engineer with over twenty years of experience designing, creating, constructing ships with hands on skills using a variety tools and machines. Shawn has the ability to discuss theory with academia, design leading edge equipment, and provide conflict resolution with regulatory bodies and customers, as well as working with production personnel.

Brandon Lamoncha

Director of Additive Manufacturing, Humtown Products

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Brandon Lamoncha is a third-Generation owner at Humtown Products. Brandon has worked in the company for over 25 years and worked in many areas of the company including running the CNC tooling department, project management, and Sales Manager. Most recently Brandon has helped build the Humtown Additive portion of the business working in the industry to grow and operate the fleet of printers that makes Humtown one of the largest service providers in the world for 3D Printed Molds and cores.