

## January 2024 IAB Meeting Report

Since its creation in 2012, the Manufacturing and Materials Joining Innovation Center, Ma<sup>2</sup>JIC, has had a significant impact on innovation, competitiveness and the sustainability of fabrication, welding, and additive manufacturing. Industry members of Ma<sup>2</sup>JIC have realized increased productivity, reduced overall costs, and higher quality components and structures. The below information represents center activities and outcomes of the January 2024 Industrial Advisory Board (IAB) Meeting.

Location: EWI, Columbus, Ohio

Day 1: 100 Attendees

- Ma<sup>2</sup>JIC Mixer: Speakers on personal experiences with Ma<sup>2</sup>JIC from members, students, and high school interns.

Day 2: 120 Attendees

- Presentations: Ma<sup>2</sup>JIC Center Update, Materials Thrust Area Presentations, Hot Topics, Performance Thrust Area Presentations, Project Proposals and Extensions
- Breakout Meetings IAB/PI/Students
- OSU Welding Engineering Lab Tour
- Social evening event

Day 3: 105 Attendees

- Presentations: Process Thrust Area Presentations, Hot Topic, Modeling Thrust Area Presentation
- Center Peer Feedback (IAB/PI/Students)
- OSU Center Tours: Center for Design and Manufacturing Excellence (CDME) and Material Science Building, Fontana

Day 4: 80 Attendees

- EWI Tours
- DNV Industry Tour (Dublin, Ohio)

Statistics for 2022-2023

- Funding Sources
  - Memberships 39%
  - Reduced Overhead 33%
  - In-Kind 19%
  - NSF 9%
- Researcher Demographic
  - Undergraduate Students 37%
  - Faculty Members 28%
  - PhD Students 20%
  - MS Students 13%
  - Staff 2%
- Projects
  - There have been 81 completed projects in the center's history (which accounts for 76% of all projects)
  - There are 25 current projects being conducted (which accounts for 24% of all projects)

