

Advanced Manufacturing Collaborative

July 19, 2023

10:00pm - 12:00pm

Minutes

Attendees:

Secretary Yvonne Hao, MA Executive Office of Economic Development
Representative Jeffrey Roy, MA House of Representatives
Undersecretary Sarah Stanton, MA Executive Office of Economic Development
Ben Armstrong, MIT
Julie Chen, UMass Lowell
Susan Feindt, Analog Devices
Leslie Greis, Kinefac
Joseph Kunze, Si2
Ben Linville-Engler, MassTech
Kathie Mahoney, MassMEP
Dan Riviera, MassDevelopment
Winston Sobojevo, WPI
Israel Soibelman, Lincoln Labs
Rick Sullivan, Western MA Economic Development Council
Brooke Thomson, AIM
Art Trapotsis, Consolidated Sterilizer Systems
Ken Warnock, Medtronic

Absent:

Secretary Lauren Jones, MA Executive office of Labor and Workforce Development
Senator Paul Feeney, MA Senate
Stephen Boyd, Boyd Biomedical
Allan Brown, General Dynamics
Carolyn Kirk, MassTech
Carlo Canetta, MITRE
David Cruise, MassHire, Hampden County
Jim Heppelman, PTC
Pat Larkin, Mass Tech Collaborative
Michael Tamasi, AccuRounds
Kenneth Turner, MLSC
Vinit Nijhawan, MassVentures
Brenna Schneider, 99Degress

Guests:

Grace Wang, WPI
Bogdan Vernescu, WPI
Kola Akindede, WPI
Ellen Piccioli, WPI

Staff:

Christine Nolan, MassTech

Meghan Abella-Bowen, MassTech

Adam Couturier, MassTech

Austin Vella, MassTech

Megan Lynch, MassTech

1. Introduction, roll call, approval of past minutes

Roll call was taken and the April 20, 2023 minutes were reviewed. A motion to approve the April 20, 2023 minutes was made by Secretary Hao and seconded by Dan Riviera, and approved unanimously.

2. Welcome remarks from Secretary Hao

Secretary Hao noted progress on state's Economic Development plan. Nine (9) regional sessions with over 130 attendees participated to date. Sector specific sessions are being held, including on Advanced Manufacturing. The goal is to develop a formal plan by the end of legislative session. Fund it and bring the plan to life.

3. Remarks from Grace Wang, President, WPI

President Wang welcomed the AMC to WPI and thanked Carolyn and MassTech for their leadership and partnership with WPI. President Wang spoke about WPI's focus on manufacturing including three key areas; Industry 4.0, robotics, and sustainable manufacturing.

4. MA State funding for CAM

Ms. Nolan provided an update on FY'24 proposed funding to support manufacturing. At a state level:

- State Budget Line item funding:
 - Center for Advanced Manufacturing - \$1.2M
 - Advanced Manufacturing Training Grant - \$2.5M
- Capital Budget:
 - MMAP - \$8.25M
 - M2I2 - \$10M
- Federal Funding:
 - NE Regional Defense Industry Collaboration (NERDIC) - \$600K

5. MMAP grants - Continuing our support for SMMs

Ms. Nolan provided an update on the MMAP program. The third round of MMAP closed in June. The program received 61 applications, the largest number so far for a round. These dollars are driving job growth and building partnerships to extend value. Expect a round to open later this year. Ms. Nolan asked for volunteers to review the program to suggest changes for optimization.

6. MassTalent

Secretary Hao provided an overview of MassTalent. MassTalent is a new strategy for connecting employers to skilled, diverse workers in Massachusetts. MassTalent focuses on 4 main areas of growth, Advanced Manufacturing, Life Sciences, Climate Tech, and Health Care. The plan is to streamline government resources to make it easier for employers and job seekers to tap into and access the ecosystem.

7. Federal Opportunities

Ben Linville-Engler provided an update on where we stand with several initiatives CAM and the state are pursuing.

- ME Commons – We have been asked to submit responses to questions across all 6 proposals that were submitted. We expect to hear more in late summer.
- OLDCC Defense Manufacturing Community Support Program (\$5M opportunity). Developed the MA Additive Adoption and Training Hub (MAATH) proposal. The goal is to establish the MA Additive Manufacturing Partnership program (AMP) that pairs community college interns, 4-year college interns, or veterans annually with an Additive Manufacturing Center of Excellence and a local SMM to encourage additive manufacturing adoption and education.
- MassBridge Phase II (\$1M opportunity). A phase II proposal has been submitted to NextFlex to continue the work from Phase I to align industry identified competencies to 7 first year courses at 7 MA Community Colleges
- New England Regional Defense Industry Coalition (NERDIC) – We have a \$600K grant to survey defense industry across New England to understand competency needs and map existing advanced manufacturing training curriculum from New England states.
- EDA Tech Hub overview – \$75M over 5 years is available to establish regional EDA Tech Hubs. The goal is to turbo charge regional coordination and leverage relationships. Pursuing both quantum in Springfield, MA and bioindustrial manufacturing in Worcester, MA.

8. Mass Biomedical Initiative (MBI)

John Weaver, Executive Director from MBI provided an overview of MBI and their bioindustrial manufacturing strategy that was leveraged for the EDA Tech Hub proposal.

9. Closing remarks

Remaining 2023 AMC meetings

- September 19, 1:00-3:00
- December 5, 10:00am-12:00pm

Materials and Exhibits Used at this Meeting:

1. Draft Minutes – April 20, 2023 Advanced Manufacturing Collaborative meeting minutes
2. Presentation – Advanced Manufacturing Collaborative, July 19, 2023