

# Advanced Manufacturing Collaborative

January 13, 2021

12:00pm - 2:00pm

## Minutes

### Attendees:

Mike Kennealy, EOHEd  
Mike Tamasi, AccuRounds  
Eric Lesser, MA Senate  
Jeffrey Roy, MA House of Representatives  
Robby Bitting, MassChallenge, Boston  
Stephen Boyd, Boyd Technologies  
Carlo Canetta, MITRE  
Julie Chen, UMass Lowell  
David Cruise, MassHire – Hampden County  
Leslie Greis, Kinefac  
Jennifer Griffin, MassLife Sciences  
Jim Heppelman, PTC  
Carolyn Kirk, MassTech  
Joseph Kunze, Si2  
Megan Marszalek, MassTech  
Vinit Nijhawan, Mass Technology Transfer Center  
Emily Reichert, Greentown Labs  
Elizabeth Reynolds, MIT  
Israel Soibelman, Lincoln Labs  
Ken Warnock, Medtronic  
John Killiam, MassMEP

### Staff:

Damon Cox, EOHEd  
Helena Fruscio-Altsman, EOHEd  
Farhad Vazehgoo, MassTech  
Meghan Abella-Bowen, MassTech  
Christine Nolan, MassTech  
Rosemary Scrivens, MassTech  
Scott Martin, EOHEd  
Cassidy Ferguson, MassTech  
Brianna Wehrs, MassTech

### Absent:

Rosalin Acosta, EOLWD  
Mark Fuller, MOBD  
Steve Pike, MassCEC  
John Regan, AIM  
Allen Brown, General Dynamics  
Winston Soboyejo, WPI

### Guest:

Peter Milano, MOBD  
Doug Petkie, WPI  
Robert LePage, EOE  
Laura Teicher, Forged  
Dan Traficante, MIT  
Debra Boronski, MOBD  
Maura Geary, MassHire Hampden Co.  
Ellen Piccioli - UMassLowell  
James Eakin, WPI  
Kathy Rentsch, QCC  
Adrienne Linnell, QCC  
Amy Barad, MassCEC  
Betty Lauer, QCC  
Brian Farrell, HSI  
Anna Waldman-Brown, MIT  
Annamarie Kersten, MOBD

## **Introduction, roll call, approval of past minutes – Helena Fruscio Altzman**

Roll call was taken and the October 21, 2020 minutes were approved unanimously and without abstention.

## **Welcome remarks from Co-Chair Michael Tamasi**

Mr. Tamasi opened the meeting highlighting the work of the MERT in helping companies pivot to support PPE production in the state during 2020. He also acknowledged the work of the AMC working groups and their continued support of MassBridge and other grant activities supporting the manufacturing ecosystem.

## **Welcome remarks from Secretary Kennealy**

Sec. Kennealy welcomed the AMC and thanked them for their work in 2020. He opened the meeting with a brief update on the FY'21 budget which included \$82.4 million in additional funding for economic recovery and small business efforts as well as \$2.5 million for traditional manufacturing training.

Sec. Kennealy introduced and welcomed, Christine Nolan, as the new Director for the Center for Advanced Manufacturing (CAM) at MassTech.

## **Welcome remarks from Christine Nolan**

Ms. Nolan introduced herself and noted her excitement to work with the AMC to build advanced manufacturing across the Commonwealth. Over the next few months she will be connecting with AMC and working group members to understand their role in the ecosystem, their challenges and opportunities, and work with them to develop a strategic plan for the future of advanced manufacturing in Massachusetts.

## **Presentation by PTC – Jim Heppelman, President and CEO**

Mr. Heppelman provided an overview of PTC. PTC is a global industrial software company, located in Boston. The company focuses on engineering, manufacturing, and service solutions for manufacturers through the use of digital, AI, and AR

## **Manufacturing community update**

No updates were given.

## **AMC Working Group Updates Innovation Ecosystem**

Ms. Nolan provided a MERT update – Over 550 Massachusetts companies came through the MERT Portal with 50+ companies making it to the market. To support pivoting companies, the MERT program awarded over \$16 million in grants to 30 organizations. With the support and resources of MERT, over 15 million PPE and other priority items have been produced by Massachusetts manufacturers.

Farhad Vazeghoo provided an update on the M2I2 program. To date, over \$70 million has been invested, supporting over 60 collaborative projects between manufacturers, universities, and Manufacturing USA Institutes to support business expansion and educational projects.

Brian Farrell from Human Systems Integration and Doug Petkie from WPI each presented on how their organizations have utilized M2I2 funds. Brian Farrell highlighted how his company utilized an M2I2 grant to catalyze relationships with manufacturers, supply chain, academic/research partners to create new product lines

and opportunities. Doug Petkie provided an overview on how M2I2 funds supported the development of the Lab for Education and Application Prototypes (LEAP) Center at WPI to promote an open environment prototyping facility for photonics and electronic sensors through research collaboration between education and industry.

### **Business Environment**

Liz Reynolds, Executive Director at MIT Industrial Performance Center shared her research on “Building Better Jobs in an Age of Intelligent Machines”. Her presentation focused on the current labor market, the impact of technology and innovation, and Massachusetts manufacturing ecosystem.

Peter Milano, Senior Director at the MA Office of Business Development (MOBD) provided an overview of the services and resources MOBD provides to manufacturers. He highlighted the Economic Development Incentive Program (EDIP) that is designed to foster job creation and stimulate business growth.

### **Talent and Branding**

Helena Fruscio-Altsman gave an overview of the \$2.0 million Partnership for Recover Virtual Manufacturing Training program. The goal of the on-line pilot program is to create awareness and provide manufacturing training courses to unemployed individuals who worked in industries that have been hard hit by the pandemic.

Meghan Abella-Bowen provided an overview on marketing and awareness activities highlighting the progress on the MassBridge Awareness modules and successful MassHire virtual manufacturing career day event held in October.

### **Closing Remarks**

#### **Materials and Exhibits Used at this Meeting:**

1. Draft Minutes – October 21, 2020 Advanced Manufacturing Collaborative meeting minutes
2. Presentation – Advanced Manufacturing Collaborative, January 13, 2021