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

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

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

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. Heppelmen 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