

Massachusetts STEM Advisory Council

One Ashburton Place, Suite 1403, Boston, MA 02108 | www.mass.edu/stem

STEM Advisory Council Full Meeting

December 12, 2016

4:00 p.m. – 5:30 p.m.

APPROVED MINUTES

Location

Harrington Learning Center
Quinsigamond Community College
670 West Boylston Street
Worcester, MA 01608

STEM Council Committee Members Attending

Hon. Joseph P. Kennedy III, Congressman, Honorary Chairman of the STEM Advisory Council *
Jeffrey Leiden, M.D., Ph.D, Chairman, President and CEO, Vertex Pharmaceuticals*
Hon. Karyn Polito, Lieutenant Governor*
Hon. James Peyser, Secretary of Education
Matthew Beyranevand, Chelmsford Public Schools
J.D. Chesloff, Massachusetts Business Roundtable*
Jim Brosnan, Northern Berkshire Vocational Regional School District
Joseph Dorant, MA Organization of State Engineers & Scientists
Sheila Harrity, Montachusett Regional Vocational Technical School District*
David Mangus, Brockton Public Schools
Travis McCready, Massachusetts Life Sciences Center
Edmund Beard for Marty Meehan, University of Massachusetts
Patricia Mesurvey, Salem State University
Meribeth Morin, PATH
Kerry Murphy, Easton Public Schools
Stephen Pike, MA Clean Energy Center
Marcy Reed, National Grid*
Yvonne Spicer, Museum of Science
* Denotes Executive Committee Member

Others in attendance

Blair Brown, staff director, STEM Advisory Council

Minutes

I. Welcome Remarks

- Lt. Governor Polito
 - Welcomed all members of the STEM Council who then introduced themselves.
 - Highlighted work of internship initiative and other school visits

- Congressman Kennedy
 - Thanked members for their continued commitment to STEM education
 - Noted excitement in conversations about advancing STEM education

- II. July 20, 2016 Meeting Minutes
 - Lt. Governor asked for a motion to approve the minutes of the July 20, 2016 STEM Advisory Council Meeting. Congressman Kennedy seconded the motion.
 - Minutes were approved on a voice vote, with no objections and no abstentions.

- III. *Highlighting STEM Advisory Council Priorities/Best Practices*
 - Work-Based Learning Initiative
 - Secretary Peyser outlined the STEM Council’s work towards increasing the number of employers who offer STEM-focused internships for high school students.
 - Lt. Governor Polito endorsed this work and noted the successful launch of the initiative in November.
 - Marcy Reed asked if there are job descriptions available for companies to review so they can understand what they can expect from students.
 - Sheila Harrity noted that Montachusets Vocational Technical High School runs a successful co-op program and even has a waitlist from employers wanting to hire co-op students.
 - Computer Science & Engineering Education
 - Secretary Peyser acknowledged Steve Vinter’s work in this area.
 - Blair Brown outlined the current RFP to expand computer science and engineering education.
 - Kerry Murphy asked if the RFP would be open to all computer science programs as her high school has been using “Exploring Computer Science”. Blair Brown answered that the RFP is open to all non-profit organizations offering such programs.
 - Early College
 - See presentation from Ali Huberlie and Chip Franklin, Parthenon-EY

- IV. *STEM Summit Results (Jean Supel)*
 - Jean Supel from the UMass Donahue Institute presented on attendee survey data from 2016 STEM Summit. See her presentation.

- VI. *Regional STEM Networks*
 - Blair Brown updated the Council on the recent work towards collaboration and coordination among the four networks (Berkshire/Pioneer Valley; Boston/MetroNorth; Central MA/Metrowest; and Southeast/Cape Cod).
 - President Meservey and Keith Connors, Program Administrator for Regional STEM Networks at the Department of Higher Education, also noted that the Northeast is working towards reconvening a Regional STEM Network.

- VII. *Meeting Adjourned (5:30 pm)*