

The Description

Massachusetts STEM Summit 2017

Tuesday, November 14 • 1:45pm - 2:35pm

STEM and the Workforce: Preparation During the Early Years

A group of Massachusetts STEM industry veterans including JD Chesloff (Executive Director of the Massachusetts Business Roundtable) and Brian Cali (Senior Vice President, Ironwood Pharmaceuticals) will host a panel on how to fill the STEM workforce with talented, competent individuals by employing best practices in the classroom to increase student interest and literacy in STEM in the 4th – 8th grade range. They will explain the importance of STEM training and preparation during these critical years, using the unique approach of STEM enrichment non-profit Science from Scientists (SfS) and home robotics company iRobot as models. SfS sends the same two real, charismatic scientists into 4th – 8th grade classrooms, during school, every other week for the entire academic year to teach hands-on, engaging STEM lessons aligned with the Next Generation Science Standards (NGSS) and Massachusetts Comprehensive Assessment System (MCAS) frameworks. iRobot's national STEM outreach program focuses on encouraging students K-16 to enter and remain in STEM fields by providing real life examples of robotics for students, teachers and educational groups.

Speakers

[Brian Cali](#)

Senior Vice President, Ironwood Pharmaceuticals

[JD Chesloff](#)

Executive Director, Massachusetts Business Roundtable

[Lisa Freed](#)

STEM Program Manager, iRobot

[Isa Kaftal Zimmerman](#), IKZ Advisors