

2018 STEM SUMMIT AGENDA

November 16, 2018
 7:30 am - 4:15 pm
 Kirk Auditorium, Central Maine Community College
 Auburn, Maine

Time	Agenda Item	Location
7:30-8:00	<i>Registration, Breakfast, & Exhibits</i>	Registration: Kirk Lobby Exhibits: Kirk Gym
8:00-8:15	Welcome / Review of the Day	Kirk Auditorium Tier 1 Speaker: Stefany Burrell, Maine State Science Fair Tier 1 Speaker: Lisa Martin, Manufacturers Association of Maine/Robotics Institute of Maine
8:15-8:45	<i>Network / Exhibits / Refreshments/ Interactivity @ Standards</i>	Kirk Gym
8:45-9:45	Breakout Block #1	<p>Equity Strand:</p> <ol style="list-style-type: none"> 1. STEM Hiding in Plain Sight 2. STEM Equity through Mirrors and Windows: How do we reflect on our practice while also seeing other practices in action <p>Pre, In Service Strand:</p> <ol style="list-style-type: none"> 3. Professional Learning Standards - A Driver of Professional Development? 4. What about preschool and afterschool STEM? <p>Career Pathways:</p> <ol style="list-style-type: none"> 5. Nontraditional ways to get the word out about STEM careers <p>Innovative Partnerships:</p> <ol style="list-style-type: none"> 6. Enhancing student mathematical experiences through an investigative partnership 7. In Support of Mathematics Teachers/Coaches
9:45-10:30	<i>Networking / Exhibits / Refreshments / Interactivity @ Standards</i>	Kirk Gym
10:30-11:30	Breakout Block #2	<p>Equity Strand:</p> <ol style="list-style-type: none"> 8. Using Data to Identify Challenges and Measure Progress Towards Equity in STEM Education

		<p>9. Designing STEM Experiences for Disaffected/Underserved Youth</p> <p>Pre, In Service Strand:</p> <p>10. Learning in-, From-, and For- Next Generation Science Teaching</p> <p>11. Classroom to School Leadership</p> <p>Career Pathways:</p> <p>12. Connecting Maine’s Classrooms to their Communities through Citizen Science</p> <p>Innovative Partnerships:</p> <p>13. 4-H STEM Ambassadors-a multi-layered partnership that (mostly) works</p> <p>14. Going the Distance for STEM!</p>
11:45-12:30	<i>Lunch / Networking / Exhibits / Interactivity @ Standards</i>	Kirk Gym
12:30-1:15	<p>Keynote Speaker</p> <p>Dr. Joan Ferrini-Mundy, President of the University of Maine</p>	<p>Kirk Auditorium</p> <p>Tier 1 Speaker: Peter Greer, PCS Edventures</p> <p>Tier 1 Speaker: Ruth Kermish-Allen, MMSA</p>
1:30-2:30	Breakout Block #3	<p>Equity Strand:</p> <p>15. Unpacking the “We Belong Here Report” - A Toolkit for Equitable STEM Education in Maine</p> <p>Pre, In Service Strand:</p> <p>16. Bringing Maine into the 21st Century with computer science education</p> <p>Career Pathways:</p> <p>17. What Will Organizations Look Like in 2025?</p> <p>18. Your Voice Needed - Provide Feedback & Guidance to the Maine STEM Council</p> <p>19. Rethinking Maine STEM Pathways: Evidence-based directions towards a future STEM workforce</p> <p>20. Educators and Business Leaders Working Together To Support Student Career Pathways</p> <p>Innovative Partnerships:</p> <p>21. Supporting STEM Teaching & Learning through Regional Teacher Communities</p>

		22. Targeting persistent problems in STEM Education through the development of a research centered STEM Education improvement community
2:45-3:15	Strand Roundtables	<i>TBD</i>
3:30-4:15	Strand Report-Out / Innovation Challenge / Adjourn	Kirk Auditorium Tier 1 Speaker: Michele Mailhot, MDOE Tier 1 Speaker: Lauren Swett, MEPC