

# 2018 STEM SUMMIT AGENDA

November 16, 2018  
 7:30 am - 4:00 pm  
 Kirk Auditorium, Central Maine Community College  
 Auburn, Maine

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

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

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