From the Executive Director.....

Dear Reader,

CONNECT’s 2018 annual report is designed to feature its activities and initiatives which promote and advance its mission, goals, and strategic plan. 2018 Highlights include:

- Key Talent Leadership Program reunion, with participants from all CONNECT institutions of higher education
- Creating the new Lead Advisory Leadership Program for mid-level staff at CONNECT institutions of higher education
- Engaging, contemporary professional learning programs and activities for PK-12 educators
- Leading regional efforts for the Commonwealth’s first STEM Week

Progress toward meeting CONNECT’s annual goals and assuring alignment with its mission is continuously monitored by the chief executive officers and working group members who, in conjunction with the executive director, consistently monitor the quality, integrity, fidelity, content, and cost-effectiveness of the programs and services offered by CONNECT and its affiliates. Data collection and its subsequent analysis are integral components of all programs offered by CONNECT and help to maintain and foster consistency, efficacy, and relevance.

As 2019 begins, CONNECT is pleased to share that it will strive to reinvigorate some previously established working groups, fortify existing working groups, and launch new communities of practice to advance its mission and goals. These communities of practice will examine new programs and services for students, staff, and faculty, which include: expanding study abroad, innovative math initiatives, and STEM projects. CONNECT looks forward to a flourishing new year, with expertise, resources, and support garnered from, and shared with, its regional partners in higher education, PK-12, business/industry/community, and government.

Sincerely,

Stacey A. Kaminski, Ed.D.
Executive Director
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CONNECT, established in 2003, is a partnership of the six public higher education institutions in Southeastern Massachusetts: Bridgewater State University, Massachusetts Maritime Academy, Bristol Community College, Cape Cod Community College, Massasoit Community College, and the University of Massachusetts Dartmouth. The Board of Directors (Board), comprised of the president or chancellor of the participating member institutions, govern CONNECT. The board, or chief executive officers, collaborate with CONNECT’s executive director to design a strategic plan and establish annual priorities. CONNECT’s mission and priorities are the focus of the consortium’s working groups, which are staffed by professionals and faculty members who are committed to advancing CONNECT’s mission.

Mission

Leveraging the quality, strength, resources, and excellence of the six public higher education institutions of CONNECT, it is our mission to enhance educational effectiveness and efficiency while improving student success, increasing educational attainment, advancing economic health, and strengthening cultural life throughout the region.

Strategic plan (2017-2019)

1. By 2019, CONNECT will increase access, participation, engagement and success in higher education sponsored initiatives for PK-12 and adult learners, throughout the region.
2. By 2019, CONNECT will facilitate an assessment of existing campus-based programs which focus on regional educational attainment.
3. Throughout the 2017-2019 academic years, CONNECT will collaborate with and provide support and resources to the SE MA STEM Network initiatives, to enhance STEM education in the region.
4. By 2019, CONNECT will assess and enhance its communication presence through social media, print materials, and its website to promote its initiatives and collaborations.
5. By 2019, CONNECT partners, including working group members, will explore new opportunities for collaboration in the realm of academic and student affairs.
CONNECT’s Professional Learning Programs
An opportunity to demonstrate cost-saving strategies to enhance outcomes

Professional learning is identified as the pivotal strategy for enhancing team talent and outcomes at CONNECT’s collective institutions. The costs associated with program facilitation can often be prohibitive for individual institutions. Recognizing this, CONNECT established a collaborative cohort-based model for professional learning, promoting collegiality among institutions of higher education and leveraging the resources of its member institutions. This provides cost-effective and robust programs designed to specifically address the professional development needs of its high-performing employees who exhibit the potential for growth into leadership roles.

In 2018, CONNECT offered the following two professional learning programs for higher education staff: The Key Talent Leadership Program and the Lead Advisory Leadership Program. In addition, CONNECT hosted a Key Talent Leadership Reunion for cohorts 1-4 participants.
Key Talent Leadership Program

The Key Talent Leadership Program was created to provide professional learning opportunities for employees working in higher education. This year, thirty participants from five of CONNECT’s member institutions, as well as Bunker Hill Community College, Framingham State University, Salem State University, and Worcester State University, engaged in this seven-month, cohort-based program.

Selected through a competitive process at each participating institution, this fourth cohort was comprised of aspiring higher education leaders from multiple divisions. Throughout the program, the participants engaged in a comprehensive professional learning series on leadership in higher education including discussions and role-playing activities designed to enhance leadership skills. Facilitated by Breakthrough Collaboration of Natick, MA, participants completed the program prepared to succeed as leaders at their respective institutions. Topics included: The Inner Leader: Defining Your Personal Leadership Style; Leadership Communication: Managing Relationships; Creating a Performance-based Culture: Motivation, Coaching and Feedback; Team-building and Team Management: Clarifying Expectations, Enabling Success; Problem Solving and Decision Making; Thinking Strategically; Leading through Change; Transformational Leadership; and Honoring the Journey: Insight, Growth and Recognition. Recruitment for the 2019-2020 cohort will begin in June 2019.
Key Talent Leadership Program Reunion Cohorts 1-4

In 2018, CONNECT hosted a reunion for forty participants who completed the Key Talent Leadership Program (KTLP). The reunion was facilitated by Breakthrough Collaboration partners, Hamish Blackman and Adam Sutton, facilitated the reunion by expanding upon the leadership topics examined during the participants’ program. During the event, attendees from all four cohorts had the opportunity to network with other program completers, discuss professional opportunities, and provide insights which may be used to influence the design of Key Talent 2.0.
Lead Advisory Leadership Program

The Lead Advisory Leadership Program was established as a new CONNECT initiative in 2018. This program was designed for mid-level leaders who are currently serving as associate/assistant directors, program coordinators, staff assistants, or other mid-level employees who would like to increase their knowledge, skills, and confidence in their leadership practices.

Thirty participants, stemming from four CONNECT campuses and Framingham State University, are currently participating in this seven-month program which examines topics such as Leading From Where You Are; Managing Your Professional Currency; Emotional Intelligence, Why It Matters; Communicate to Influence and Inspire Action; Supervise, Coach, and Manage Difficult Conversations; and Managing Change with Resilience. Preliminary data obtained from participants after four sessions indicates an overall program satisfaction rate of 96%.

WHAT THE PARTICIPANTS SAID...

“Collaborating with other higher education peers to address their leadership challenge has opened new paths for idea generation, developed relationships, expanded networks, facilitated the transfer of learning, and boosted confidence among participants.”
CONNECT Working Groups
An opportunity to collaborate to enhance outcomes

CONNECT employs a working group model to advance the initiatives that the Board designate as annual priorities. During 2018, the following working groups assumed an active role in collaborating with the executive director to advance CONNECT’s initiatives: Chief Financial Officers, Chief Information Officers, Grant Directors, Human Resource Directors, Institutional Research Directors, Math, Study Abroad, and Transfer Directors. These working groups convened and furnished data, assembled resources, and provided professional expertise for numerous CONNECT initiatives, which are highlighted throughout this report.

2018 Working Group Highlights
- Human Resources Directors: Collaborated to develop the new Lead Advisory Leadership Program,
- Math Group: Collaborated to develop a new proposal,
- Study Abroad: A new group that convened to discuss travel opportunities,
- Institutional Research: Provided data for CONNECT one-pager, and,
- Grant Directors: Collaborated to support six CONNECT grant submissions.
CONNECT Grant Development
An opportunity to leverage our regional resources to enhance outcomes

In 2018, CONNECT collaboratively prepared and submitted grants and was awarded those listed below. As designed, funded projects would benefit CONNECT institutions and the communities they serve.

Commonwealth of Massachusetts
1. Executive Office of Housing and Economic Development
   Massachusetts Marketing Partnership & the Massachusetts Office of Travel & Tourism
   Title: Massachusetts Marketing Partnership/Massachusetts Office of Travel & Tourism Fiscal Year 2018 Earmarks
   Description: CONNECT responded to an RFP for funds to complete Phase II of the Taunton Education and Training Center facility study.
   Request: $55,000
   Status: Funded, but returned.

2. MA Department of Higher Education
   STEM Pipeline Funds
   SE MA STEM Network
   Description: The DHE STEM Pipeline fund provided monies to the SE MA STEM Network to plan and host regional activities throughout the academic year and to host the Commonwealth’s first STEM Week.
   Request: $40,000
   Status: Funded
SE MA STEM Network

The SE MA STEM Network, funded by the Department of Higher Education’s STEM Pipeline, received $40,000 to support its operations during this reporting period. The above graphic, illustrates the existing partnerships supporting the Network. With over 2,500 subscribers to a quarterly newsletter, *The Petri Dish*, as well as social media presence, active engagement with diverse stakeholder groups is consistently maintained. All SE MA STEM Network activities are designed to expand and promote the Governor’s STEM Council priorities, which are to: Ensure that all students develop foundational skills in STEM subjects; Increase awareness and interest in STEM careers among students and parents, and develop high-quality, integrated STEM pathways from secondary school to college; and Deepen partnerships among employers, vocational-technical schools, community colleges, universities, and adult education providers to promote career opportunities in STEM. These priorities are actualized through professional learning opportunities, partnership meetings, advisory board meetings, and other partner-based activities, which were most recently highlighted during the Commonwealth’s first STEM Week. The table, found on the next page, illustrates the alignment between the STEM Council priorities and activities hosted by the Network.
## SE MA STEM Network Activities

<table>
<thead>
<tr>
<th>DATE</th>
<th>ACTIVITY</th>
<th>Priority 1: Ensure that all students develop foundational skills in STEM subjects</th>
<th>Priority 2: Increase awareness and interest in STEM careers among students and parents, and develop high-quality, integrated STEM pathways from secondary school to college</th>
<th>Priority 3: Deepen partnerships among employers, vocational-technical schools, community colleges, universities, and adult education providers to promote career opportunities in STEM.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/28/18</td>
<td>Partnerships Advancing STEM Education Meeting</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>4/9/18</td>
<td>Educating for the Future: 2020 &amp; Beyond Seminar</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>4/26/18</td>
<td>Educating for the Future: 2020 &amp; Beyond Seminar</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>4/30/18</td>
<td>SE MA STEM Advisory Board Meeting</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>5/10/18</td>
<td>Educating for the Future: 2020 &amp; Beyond Seminar</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>5/17/18</td>
<td>Educating for the Future: 2020 &amp; Beyond Seminar</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>5/30/18</td>
<td>SE MA STEM Advisory Board Meeting</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>8/15/18</td>
<td>Educating for the Future: Practices, Programs, and Partnerships</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>10/22/18-10/26/18</td>
<td>STEM Week Various regional activities</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
<tr>
<td>12/5/18</td>
<td>Partnerships Advancing STEM Education Celebrating STEM Week</td>
<td>✅</td>
<td>✅</td>
<td>✅</td>
</tr>
</tbody>
</table>
PARTNERSHIPS ADVANCING STEM EDUCATION SEMINARS

Paula Martel with Secretary Peyser and Aaron Polansky, supt., Old Colony RVTHS.

STEM Advisory Board Meetings

Forty representatives from PK-12, higher education, business/industry, government, special education, and parents serve as members of the SE MA STEM Network’s Advisory Board. In 2018, the Network’s full board met on two occasions to discuss and plan regional initiatives, align with STEM council priorities, share resources, and discuss best practices. In addition to meetings, advisory board members met in ad hoc groups to assist with the planning of Network meetings, seminars, and STEM Week. The collective expertise of these members helped advance regional STEM programs.

Partnerships Advancing STEM Education Meetings Educating for the Future – 2020 & Beyond February 2018 - May 2018

During 2018, the SE MA STEM Network collaborated with PK-12, higher education, business & industry and government partners to plan and deliver five Partnerships Advancing STEM Education Seminars. The purpose of these meetings was to highlight the effective collaborations between business and education. These events were hosted throughout the region, including: Bristol Community College, Fall River; Old Colony Regional Vocational Technical High School, Rochester; AccuRounds, Avon; and Sensata Technologies, Attleboro.

Sample Workshops offered at Sensata

- Rube Goldberg Design - Learn about chain reactions including various forms of energy and build a Rube Goldberg Contraption
- Design and Prototype a Product Useful in Your Life - Learn a design process strategy and test your skills through developing a design and prototype of an item that will improve your daily life.
- Spaghetti Marshmallow Tower - Follow the design process within specific constraints to build a tower out of spaghetti and marshmallows.
PARTNERSHIPS ADVANCING STEM EDUCATION SEMINARS

Sensata engineer, Jennifer Brenner and Audrey Sears, Envision the Future participant, present during their seminar.

Students visiting AccuRounds

Solar ribbon cutting ceremony at Old Colony

Panelists at AccuRounds

BSU President Fred Clark, faculty, and staff at Sensata
Photos illustrate work-based learning seminars that were hosted at Accu-Rounds, Avon (above), Cape Cod Community College, Plymouth Airport (r) and Sensata Technologies, Attleboro (r).

At AccuRounds, a panel presentation focused on the importance of businesses partnering with early childhood and K-16 educators to advance STEM education and ensure students and working adults are prepared for employment in the 21st century workplace was facilitated by President and CEO, Mike Tamasi. Panelists included: JD Chesloff, executive director, MASS Business Roundtable; Scott Farrell, Silver Lake Regional educator/STEM chair; Carmen Aguiar, BCC, Center for Workforce and Engagement; Luis Lopes, supt., Southeastern Regional Vocational Technical High School, Terrell Shivers, graduate of SRVTHS; and Matheus DeMoras, co-op Student.
Educating for the Future: Practices, Programs, Partnerships

In August 2018, the Network hosted 100 PK-12 educators and administrators at Bridgewater State University for the Educating for the Future: Practices, Programs, and Partnerships meeting. The purpose of this event was to share best practices and engaging activities among educators and business leaders who were planning to participate in the Commonwealth’s first STEM Week during fall 2018. Using our successfully established replication model and applying it to our Educating for the Future - Practices, Programs, and Partnerships event in August 2018, we were able to engage new and existing partners to generate interest, enthusiasm, and awareness for STEM Week 2018. This event provided multiple opportunities for participants to engage in hands-on activities, share resources, and network with other regional STEM enthusiasts.

Keith Connors, DHE STEM network manager and Kerri Murphy, Norton Public Schools STEM coordinator, participate in the Creating an Ellipse activity, while Anne DeMaille, computer science and STEM integration specialist, DESE, participates in the Engineering Design: Design and Build a Shock-absorbing System project.

Governor’s STEM Advisory Council. In 2018, CONNECT’s executive director was appointed to the Governor’s STEM Advisory Council. In her role, Dr. Stacey Kaminski represents all nine of the regional stem networks.

Dr. Kaminski taking the oath of office at the Massachusetts State House in June.
STEM Week

In 2018, the Commonwealth of Massachusetts held its first statewide STEM Week, October 22-26. The regional STEM Networks were designated as the primary coordinators for this epic event. In the SE MA region, over 70 registered events were hosted in 30 communities. The Network is extremely fortunate to have a consistent constituency of regional stakeholders who are engaged, reliable, and committed to providing high quality activities and support to a continuum of learners. As a Network, it was an established priority to take the opportunity to use STEM Week as a conduit for highlighting partners who are already implementing the STEM Council priorities, as well as the MA STE standards and practices and to engage new education, community, and business/industry partners. These activities spanned the PK-16 educational continuum, were hosted by public school districts, institutions of higher education, businesses, and community members. In addition, many of the events that were hosted in the SE MA region were open to a variety of stakeholder groups that extended beyond the PK-16 sector, including families, community, and business / industry members.

A student visits BSU during Open Lab Night which was held during STEM Week.

Old Colony students participate in STEM Week activities.

CONNECT’s graduate assistant, Aaron Peckham, visits CCC’s Aviation Maintenance and Technology Program at Plymouth airport.

Students visit the NAACP project at the Brockton Public library.
STEM Week Celebration

During a STEM Week celebration, more than 100 participants and 40 organizations who had engaged in the first STEM Week were provided with citations from the Commonwealth and distributed by Lt. Governor Polito.

Dr. Sarmad Saman, BCC, dean of math, science and engineering, received a STEM Week citation on behalf of his campus from Lt. Governor Polito. (Left)

RADM Francis X. McDonald, president, Massachusetts Maritime Academy and Dean Rizzo, executive director, MassHire South Shore, listen to presentations during the STEM Week Celebration. Both accepted citations on behalf of their organizations. (Right)

(From left) Presidents Cox, Clark, and Douglas attending the ceremony, which honored STEM Week participants who accepted citations on behalf of their organizations.

Lt. Governor Karyn Polito presents Katherine Honey, SE MA STEM Network manager, Dr. Ramprasad Balasubramanian, UMD and Dr. John Cox, president, CCCC, with citations for their participation in STEM Week.
President Clark and President Cox attending the STEM Week Celebration at BSU.

Students at Old Colony Regional Technical High School participating in STEM Week.

Sheila Sullivan-Jardim, executive director, MassHire Brockton and Dean Rizzo, executive director, MassHire South Shore

Rodney Clark, dean, BCC's Attleboro Campus, receives a citation from Lt. Governor Karyn Polito during the STEM Week Celebration in December.

President Clark, Lt. Governor Polito, and President Cox pose for a photo during the celebration.

A robotics display that was exhibited during the STEM Week Celebration.
STEM Summit

The SE MA Network participated in the Commonwealth’s STEM Summit which was held at Worcester’s DCU Center in November. Pipelines to Prosperity was the theme of this annual event which attracted more than 1000 participants from PK-12, higher education, business, industry, and government. The summit provides exhibitors and STEM enthusiasts opportunities to engage with innovators, participate in lectures, and network with professionals. This year, CONNECT’s executive director served as a panelist during the Summit, as a representative of the regional stem networks. As a participant, she shared experiences about the Commonwealth’s first STEM Week.
OUR INSTITUTIONS OF HIGHER EDUCATION

DID YOU KNOW?

Students
• Collectively, we have more than 200,000 undergraduate alumni.
• Collectively, in 2018, we had over 55,000 students enrolled.
• Over 25,000 PK-12 students visit our campuses annually for events, performances, exhibits, and other college experiences.
• Collectively, we offer more than 205 certificate programs and 300 degree programs.
• Collectively, our institutions offer 3,000 internship opportunities for students.
• Collectively, in 2018, our institutions awarded almost 7,000 undergraduate degrees.
• Collectively, in 2018 we had an average 41% first generation college students.
• In 2018, 1206 graduate degrees were produced
• Among our institutions, we have an average of 28% students of color enrolled

Employees
• We have 2,718 part-time employees
• We have 3,523 full-time employees
On behalf of CONNECT’s chief executive officers and executive director, we would like to express our most sincere appreciation and gratitude to our higher education working groups, business & industry partners, PK-12 partners, government agencies, and community representatives who have dedicated their time, shared their expertise, and devoted countless resources to make our organization prosper and thrive in 2018! We look forward, with great enthusiasm, to another successful year in 2019 and are eager to serve as a resource for our regional stakeholders.

2018

Frederick W. Clark, Esq.,
President, Bridgewater State University, CONNECT Treasurer

Dr. John L. Cox,
President, Cape Cod Community College, CONNECT Chair

Dr. Laura L. Douglas,
President, Bristol Community College

Dr. Gena Glickman,
President, Massasoit Community College

Dr. Robert E. Johnson,
Chancellor, University Of Massachusetts Dartmouth

RADM Francis X. Mcdonald, Usms,
President, Massachusetts Maritime Academy

Dr. Stacey A. Kaminski,
Executive Director, CONNECT
## Appendix A
### CONNECT Partnership Institutions
### Supporting the SE MA Network

<table>
<thead>
<tr>
<th>Date</th>
<th>Institution</th>
<th>Event</th>
<th>Description</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/4/17</td>
<td>Bridgewater State University</td>
<td>SE MA STEM Advisory Board Meeting</td>
<td>BSU, as the lead fiscal agent for CONNECT, is the primary location for the Network’s quarterly advisory board meetings.</td>
<td>Advisory board members PK-16 educators/faculty Community leaders Business/industry leaders Government officials</td>
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<tr>
<td>5/17/18</td>
<td>Bristol Community College</td>
<td>Educating for the Future: 2020 &amp; Beyond</td>
<td>BCC hosted this seminar which highlighted effective partnerships between education, business/industry/community and government partners. The purpose was to demonstrate how these stakeholders collaborate to advance learning opportunities for students.</td>
<td>Advisory board members PK-16 educators/faculty Community leaders Business/industry leaders Government officials Students Families</td>
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</tr>
<tr>
<td>8/15/18</td>
<td>Bridgewater State University</td>
<td>Educating for the Future: Practices, Programs, Partnerships</td>
<td>BSU hosted this event to highlight effective partnerships between regional stakeholders. The purpose of the meeting was to unite STEM enthusiasts to generate momentum for the Commonwealth’s first, annual STEM Week. Participants had the opportunity to share ideas and resources, as well as to plan for STEM week.</td>
<td>Advisory board members PK-16 educators/faculty Community leaders Business/industry leaders Government officials Students Families</td>
</tr>
<tr>
<td>Date</td>
<td>Institution</td>
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<tr>
<td>10/22/18</td>
<td>UMass Dartmouth</td>
<td>Drawn to Science</td>
<td>Janet Kolodner from Boston College presented “Drawn Into Science through Mystery and Awe.” This is a research presentation about work her team conducted as middle school students used the Harvard EcoMUVE environment.</td>
<td>PK-16 educators/ faculty Community leaders Business/industry leaders Government officials Students Families</td>
</tr>
<tr>
<td>10/23/18</td>
<td>Bristol Community College</td>
<td>STEM Resource Fair</td>
<td>Bristol Community College’s Attleboro Campus hosted a STEM Resource Fair for existing BCC students, area high school students, and the public. Representatives from BCC, BSU, and businesses looking for STEM-skilled employees were present. The overall goal was to provide attendees with the information they'll need to pursue academic disciplines in the STEM area and to learn from the employers' perspectives how to be successful in a STEM field.</td>
<td>BCC students High School students Community</td>
</tr>
<tr>
<td>10/24/18</td>
<td>Massasoit Community College &amp; Brocton NAACP, Brockton</td>
<td>STEM Careers Showcase</td>
<td>STEM Careers Showcase - Careers in STEM are not just for astrophysicists, biologists, and chemists. There are lots of opportunities for great jobs at all levels including in the skilled trades. A panel discussion about the various high-demand STEM jobs of the future was facilitated. Participants had the opportunity to meet college reps and talk with businesses about careers, internships, and mentoring opportunities. In addition, they were able to complete an online assessment to help identify skills and interests.</td>
<td>PK-16 educators/ faculty Community leaders Business/industry leaders Government officials Students Families</td>
</tr>
<tr>
<td>10/24/18</td>
<td>Bridgewater State University</td>
<td>Open Lab Night</td>
<td>Open Lab Night provided members of the community the opportunity to experience the excitement and relevance of science to everyday life, allowed undergraduate students to assume leadership roles in communicating scientific concepts to the general public, and increase the community’s awareness of the excellent science and math education and resources available at BSU.</td>
<td>PK-16 educators/ faculty Community leaders Business/industry leaders Government officials Students Families</td>
</tr>
<tr>
<td>10/24/18</td>
<td>Bristol Community College</td>
<td>STEM Networking Night</td>
<td>STEM Networking Night (Life Sciences and Environmental Sciences) - Bristol students were invited to network with local industry representatives from environmental and life sciences companies.</td>
<td>BCC higher education students</td>
</tr>
<tr>
<td>10/24/18</td>
<td>Bristol Community College Massachusetts Maritime UMass Dartmouth Greater New Bedford Regional Vocational Technical High School</td>
<td>Southeastern MA Wind Symposium</td>
<td>85 Greater New Bedford Vocational Tech students participated in a day long Wind Symposium event hosted by BCC, MMA, and UMD. The event included an industry speaker followed by four, 50-minute wind-related activities/workshops and/or speakers.</td>
<td>Greater New Bedford Vocational Tech High School students</td>
</tr>
<tr>
<td>10/24/18</td>
<td>Bristol Community College</td>
<td>Hands-on Microbiology Event</td>
<td>Microbiology is an ever-expanding field and bacteria is one of the types of microorganisms that have existed for over 3.5 billion years that make a vital part of our life. In this event, students learned how to stain and view the differing types of bacteria and use the tools that microbiologists use to grow and study bacteria.</td>
<td>PK-12 students</td>
</tr>
<tr>
<td>Date</td>
<td>Institution</td>
<td>Event</td>
<td>Description</td>
<td>Participants</td>
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<tr>
<td>10/25/18</td>
<td>Cape Cod Community College, Plymouth Airport</td>
<td>Aviation Exhibit</td>
<td>The Aviation Maintenance Technology Program in Plymouth will host an open house, have tours, and provide information about the program. The Aviation Technology Maintenance Program will prepare students for FAA Certification and lay the foundation for an Associate of Applied Science Degree in Aviation Maintenance which can transfer into a variety of four-year programs.</td>
<td>PK-16 educators/ faculty Community leaders Business/industry leaders Government officials Students Families</td>
</tr>
<tr>
<td>10/25/18</td>
<td>Bristol Community College</td>
<td>Southeastern Regional VEX Robotics Competi-</td>
<td>Targeted to middle and high school VEX Robotics teams from throughout Southeastern MA. This event provided an overview of the 2018-2019 Southeastern Regional VEX Robotics competition events and demonstrated the 2018-2019 VEX Robotics game Turning Point. Teams had an opportunity to play the games with their robots and/or a BCC-provided robot.</td>
<td>Open to the public</td>
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<tr>
<td>10/26/18</td>
<td>Bristol Community College</td>
<td>STEM Technology Day</td>
<td>BCC STEM Club students developed hands-on activities for middle school students.</td>
<td>BCC STEM students Middle School students</td>
</tr>
<tr>
<td>12/5/18</td>
<td>Bridgewater State University</td>
<td>Partnerships Advancing STEM Education Celebrating STEM Week Meeting</td>
<td>SE MA STEM Week participants will share the impact of STEM Week events, as well as the value of educator/business partnerships in preparing students for success in the workplace. Participants will take away resources to support their STEM initiatives; Learn how businesses and educators partner; and Connect with potential partners. A panel discussion, facilitated by Bob LePage and featuring Erin Hashimoto-Martel, Audrey Sears, and Scott Farrell, will focus on the importance of partnerships.</td>
<td>Advisory board members PK-16 educators/ faculty Community leaders Business/industry leaders Government officials Students Families</td>
</tr>
</tbody>
</table>
Appendix B
Regional STEM Week Participants

Southeastern Massachusetts STEM Week Events

In recognition of Massachusetts' first STEM Week, Southeastern Massachusetts is celebrating with more than 40 events throughout the region. Congratulations to all participants, including business partners, PK-16 education, & community organizations, represented below.
Appendix C
SE MA STEM Network Data

This graphic illustrates the representation of participants at a typical Network event.

SE MA STEM Week Data

Q: How effective was the STEM week event(s) you attended in highlighting events between education, business, community, and government agencies?
A: 72% reported the STEM Week event was either extremely effective or effective.

Q: How effective was the STEM week event (s) you attended in promoting awareness about college and career opportunities in STEM?
A: 80% reported the STEM week event was either extremely effective or effective.

Survey Says

On average, participants who have been surveyed after attending an event report a 93% satisfaction rate with the quality and relevance of the Network’s activity.

Adjectives used to describe Network events are: Engaging, collaborative, productive, educational, impressive, resourceful, forward facing, authentic, and education

91% of the 2018 STEM Week participants who responded, reported they will participate in STEM Week 2019.

95% of the respondents shared they made new connections during the Partnerships Meeting at BSU in December 2018.