Directory of New England Education-Industry Partnerships
ABOUT THE NEW ENGLAND COUNCIL

The New England Council is a non-partisan alliance of businesses, academic and healthcare institutions, and public and private organizations throughout New England formed to promote economic growth and a high quality of life in the New England region.

The New England Council is a leading voice on the issues that shape the region’s economy and quality of life. The Council focuses on key industries that drive the region’s economic growth including education, energy, transportation, technology and innovation, healthcare, and financial services.
New England Council Members and Friends,

In order for the New England economy to continue to grow and for our region’s businesses to compete globally, employers of all types and sizes are dependent on a skilled workforce. Our region is fortunate to be home to hundreds of institutions of higher learning who prepare the next generation to join the workforce. However, in addition to traditional classroom training, educators and employers alike have embraced partnerships that bring together industry and higher education to work collaboratively to prepare students for career success. Partnerships between higher education and industry, like the ones in this directory, are vital to the success of local businesses, students, families, and the economy.

Several years ago, the Council first undertook an effort to collect and compile the many partnerships between educators and employers that are designed to develop a skilled talent pipeline in New England. The resulting information was highlighted in the first edition of this publication, “Partnerships for the Talent Pipeline,” which was released in the fall of 2016. Over the years, we have continued to collect information and expand upon this publication, and we are pleased to present to you the fourth edition of this directory to highlight some of the successful industry-education partnerships in our region.

The partnerships we have highlighted are ones that provide a mutual benefit to both students and businesses. These partnerships go beyond the traditional internship model to provide a variety of experiential learning opportunities, to develop curriculum that will best prepare students for future job opportunities, and to develop pipelines for post-graduation employment. The programs highlighted in this directory are individually unique and use creative models to meet the needs of the diverse businesses and students involved. The directory includes information about the nature of these partnerships, the employers and institutions involved, and the sectors they serve.

The Council hopes that this directory will continue to be a useful resource to policymakers and other stakeholders, and will encourage employers and educational institutions to pursue and expand partnership initiatives that develop our region’s talent pipeline. These collaborative efforts are crucial to the growth and competitiveness of businesses through the region, and to the success of our future generations.

Sincerely,

James T. Brett
President & CEO
The New England Council

2020 PARTNERSHIPS FOR THE TALENT PIPELINE
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The New England Council’s Federal Policy Priorities to Support and Enhance Employer-Education Partnerships

As a regional business organization whose membership includes employers of all types and sizes, as well as a range of educational institutions, The New England Council has long advocated for policies and programs that will develop a highly-skilled talent pipeline to ensure continued economic growth in our region. Partnerships between educators and employers, whether they be internship or apprenticeship opportunities, curriculum development collaboration, cooperative education programs or other forms of experiential learning, are vital to strengthening pathways to success and proving opportunity for students. Compiling and publishing this directory of successful partnership in New England over the last several years has given the Council the opportunity to learn more about what types of models are most successful and effective, and how federal policy can support the continued growth of these programs. We are pleased to share the following federal policy recommendations, which we believe would enhance opportunities for students, and support the goal of developing a talented and highly-skilled workforce for our region’s employers.

Funding for Internships
The Council supports federal funding to support internship and career development opportunities. There is currently a lack of national funding dedicated to promoting internships and experiential learning. While there is funding through specific internship programs through certain federal agencies, there is no coordinated national effort to support experiential learning. The Council supports legislation to establish a national initiative to coordinate and fund experiential learning.

Tax Incentives
The Council supports preferential tax treatment to promote partnerships between employers and educational institutions. The involvement and support of the business community is vital to providing and funding experiential learning opportunities. At present, educational institutions rely on the benevolent support of the business community, and experiential learning opportunities are limited by the unreliability of this system. The Council supports preferential tax programs that incentivize education partnerships with students and institutions. Specifically, we would encourage Congress to consider:
- Tax incentives for employers who offer internships and employ students in order to expand these opportunities.
- Preferential tax treatment for Education Savings Accounts and expanding this treatment to allow these accounts to be used for lifelong learning.

Work Study Expansion
The Council supports the expansion of the permitted use of work study funding to cover experiential learning. Under current law, the federal work study program provides funding for student employment during study but does not fund students if they work off campus. The Council believes that Congress should expand this program to cover experiential learning. Such an expansion would enable more students to partake in work experiences that will support their classroom learning and best prepare them for success in their chosen careers.
The New England Council’s Federal Policy Priorities to Support and Enhance Employer-Education Partnerships

Pell Grant Expansion
The Council supports the expansion of the permitted use of Pell Grants to cover workforce development and experiential education. Pell Grants are the primary source of federal funding for students across the nation but, under current law, this funding may not be used for experiential learning. If students could apply Pell Grant funding to experiential learning opportunities, it would significantly expand their ability to benefit from these programs.

Funding for Innovation
The Council supports federal funding for innovative learning models and innovation hubs. Current limitations on federal education funding and use of the credit-hour have hampered students’ and educators’ abilities to implement experiential learning, competency-based education, and other innovative learning models. The Council supports the expansion of such learning models to meet students’ needs and encourages Congress to consider measures to support such models.

Competency-Based Education
The Council supports the expansion of competency-based education (CBE). Current law limits the use of competency-based credit and does not allow federal funding to be used for CBE. Current law also limits the use of previously learned skills to gain credit. Allowing students to show proficiency in a subject area can save them significant money needed to participate in credit hour courses and could make an education much more affordable. Further, it would allow students to more easily use programs to upskill.

Career Counseling
The Council supports the expansion of federal funding to improve career-related counseling. Increasing opportunities for quality career counseling would help students prepare for success in the workplace from an early age. Our current counseling system does not stress career counseling until later in a student’s education. The Council supports dedicating funding to build a national system of career counseling for our students to ensure they have access to career information early in their education.

For more information on the Council’s federal policy priorities related to education and workforce development, please contact Taylor Pichette, Federal Affairs Manager, at tpichette@newenglandcouncil.com.
Apprentice Learning

_Eighth Grade Apprenticeship | Est. 2012_

Employer Partner
Boston Public Schools

Area of Focus
Career Exploration

Program Description
Apprentice Learning provides real-world work experiences by hosting 8th grade students as apprentices to offer career exploration opportunities. At such a critical period in a young person’s life, these are the opportunities that ignite growth and change by sparking passions and interests, giving a sense of purpose to the present, and more importantly, to a young person’s future. Participating employers host students for a six-week period, on a selected day of the week for about two hours. The students leave school early for this opportunity. The experience is intended to ignite dreams and interest for underserved 8th grade students.

Program Contact
Helen Russell, Executive Director, hrussell@apprenticelearning.org

Program Website
https://apprenticelearning.org/programs/
Assumption College

Partnership with Worcester Red Sox | Est. 2019

Employer Partner
Worcester Red Sox (AAA Affiliate of the Boston Red Sox)

Area of Focus
Education, Community Involvement

Program Description
Assumption College became the exclusive higher education partner of the Worcester Red Sox in 2019. Assumption is part of the elite 21 Founding Partners group welcoming the team to the city. Assumption and the Worcester Red Sox are working closely together, with students interning at McCoy Stadium in Pawtucket, where the team currently plays until the new Polar Park in Worcester is complete. Assumption has partnered with the team on market research projects, students have volunteered at several Sox events, and the school will be an integral part of the team’s presence in the city. The program offers many opportunities, including holding classes at Polar Park for students and Worcester residents, partnering with the Sox on community relations initiatives, and exploring ways to support public school students. It is a one-of-a-kind partnership and Assumption is proud to be the exclusive Higher Education Founding Partner. The partnership is more than a typical sponsorship -- it embraces the culture of both organizations which work collaboratively to benefit the students, the team and the city of Worcester.

Program Contact
Elizabeth M. O’Hara, em.ohara@assumption.edu

Program Website
www.assumption.edu
Autodesk

AEC Teacher Externship | Est. 2019

Educational Partner
Boston Public Schools, Northeastern University's Graduate School of Education, Wentworth Institute of Technology

Employer Partner
Gilbane Building Company, Elkus Manfredi Architects, Nitsch Engineering, City of Boston - Economic Development, United Way

Area of Focus
Architecture, Engineering, Construction

Program Description
Boston Public Schools teachers (K-12, encompassing all subject areas) participate in an externship focused on the Architecture, Engineering, and Construction (AEC) industry during the summer through the lens of sustainable design and green building practices. The externship lasts a total of two weeks. The first week is spent learning about each industry vertical from four companies (Autodesk Inc., Elkus Manfredi Architects, Nitsch Engineering, Gilbane Building Company.) The second week focuses on developing a relevant project-based learning curriculum supplement. Externs leave with a network of industry professionals and fellow educators to serve as a support system as they work to implement project-based lessons in their classrooms. Their students gain unique exposure to the careers represented by the architects, engineers, and construction project managers.

Program Website
www.bostonpublicschools.org/domain/2680
Autodesk

Digital Ready Year 13 | Est. 2020

Educational Partner
Boston Public Schools, Wentworth Institute of Technology

Employer Partner

Area of Focus
Architecture, Engineering, Construction, Computer-Aided Design

Program Description
Year 13 is a no-cost, accelerated pathway for recent Boston high school graduates into college and future career paths related to architecture, engineering, and construction technology. Through experiential learning, students earn 18 academic credits at Wentworth Institute of Technology, making college more accessible and more affordable. The curriculum focuses on the intersection of Computer-Aided Design (CAD), engineering, computer science, digital fabrication, building information modeling, and robotics to ready students for the complexity of a constantly evolving economy and society. Using Digital Ready’s instructional model, students learn by doing in modular labs and integrated work-based learning experiences taught by faculty and industry experts at the forefront of their fields.

Program Contact
Dr. Sarah Cherry Rice, sarah@digitalready.org

Program Website
www.digitalready.org
Autodesk

*The Future of Construction | Est. 2019*

**Educational Partner**
Boston Public Schools - Excellence for All

**Employer Partner**
Suffolk Construction, MassRobotics, City of Boston, Boston Children’s Museum, Boston Society for Architecture, EcoRise, Design Museum, ACE Mentor Program, United Way, Timothy Smith Network

**Area of Focus**
Construction, Design

**Program Description**
The Future of Construction program exposes K-12 students to career paths into the future of construction and builds their understanding about how the construction industry is leveraging technology to reimagine how we can build more and build better, while having less negative impact on the planet. This program also leads students through the design thinking process as they imagine, design, and create a solution for a real-world problem under the guidance of industry mentors. This program has been implemented in person through a series of field trips across various industry sites, as well as in a virtual format through a series of interactive webinars. A key component is creating a forum for students to share their design ideas with a wider audience. This has been facilitated through online virtual exhibits curated by Boston Children’s Museum and the Design Museum.

**Program Website**
www.designmuseumfoundation.org/program/future-of-construction/
Becker College

The American Student Assistance Center for Digital Learning Models (ASA Center | Est. 2019)

Employer Partners
American Student Assistance (ASA)

Area of Focus
Digital Media, Interactive Media and Game Design, Computer Science

Program Description
Located on the Becker College campus in Worcester, MA, the American Student Assistance Center for Digital Learning Models (ASA Center) is a research center established jointly by American Student Assistance (ASA) and Becker College to advance knowledge and understanding around the use and efficacy of interactive media tools as a platform for young students to use for self-discovery and career exploration. The ASA Center creates and evaluates the use of digital learning tools to assist and educate young people toward specific life goals, as well as pioneer significant advances in digital learning via emerging media and technology. The ASA Center engages Becker College faculty, staff, students, and ASA to work in a collaborative environment. Students involved with the ASA Center are gaining valuable hands-on learning experience, developing game prototypes and products to solve real-world problems.

Program Contact
Alan Ritacco, PhD, Becker College, Alan.Ritacco@becker.edu

Program Website
www.becker.edu/academic/clinics-centers-institutes/american-student-assistance-center/
Becker College

MassDiGI (Massachusetts Digital Games Institute) | Est. 2011

Employer Partners
Dejobaan Games, The Deep End Games, Unreal, Petricore Games, Vivox

Area of Focus
Digital Gaming

Program Description
The Massachusetts Digital Games Institute (MassDiGI) is a statewide center, designated by the Commonwealth, for academic cooperation, entrepreneurship and economic development across the Massachusetts digital and video games ecosystem. Based at Becker College, MassDiGI is the result of creative collaboration among academia, state government and industry, aimed at fostering the growth of the innovation economy in Massachusetts. In addition, MassDiGI is a US Department of Commerce Economic Development Administration (EDA) University Center and a member of the MA Creative Economy Network. Since starting up, MassDiGI has launched several initiatives that support entrepreneurship and strengthen the talent pipeline between higher education and the game industry. Specific initiatives include the Summer Innovation Program and the Game Challenge – both of which bring student teams and industry professionals from across the region together to work on creative projects in a real game development environment. Numerous other initiatives have also been created including LiveStudio and Mentoring on Demand.

Program Contact
Timothy Loew, Executive Director, Timothy.Loew@becker.edu

Program Website
https://www.becker.edu/academic/clinics-centers-institutes/massdigi/
Benjamin Franklin Institute of Technology
Employer and Corporate Partnerships | Est. 1908

Employer Partners
100+ corporate partners each year including Artaic, Blue Cross Blue Shield of Massachusetts, Brigham & Women’s Hospital, Consigli, Crothall Healthcare, Dimeo Construction, Econocorp, Enterprise, Essilor of America, GE Aviation, GE Healthcare, Google, Luxottica/Lenscrafters, Medford Wellington Service Co., Nappa Electrical Contractors, National Grid, Mass General Hospital (MGH), P&G/Gillette, Phoenix Electric, Prime Automotive Group, Sodexo, Subaru of New England, Warby Parker, Village Automotive Group

Area of Focus

Program Description
Benjamin Franklin Institute of Technology (BFIT) is a non-profit college built to educate students in technologies aligning with the needs of high-demand industries in Massachusetts. Through personalized support, hands-on learning, internships and industry-informed curricula, BFIT students earn certificates, associates, and bachelor’s degrees that prepare them to make an immediate impact on companies. BFIT offers customizable training programs to meet the needs of companies’ workforces. BFIT works closely with industry to advance partnerships that upskill workforces and develop talent pipelines to connect our highly trained students & graduates with exciting, well-paying work. The school creates tailored workforce development and corporate relations partnerships that are beneficial to employers as well as their current and future employees. BFIT designs customized incumbent worker training for a variety of industries including manufacturing, IT, automotive, healthcare, electrical and HVAC&R.

Program Contact
Kristen Hurley, khurley@bfit.edu; Emily Leopold, eleopold@bfit.edu

Program Website
www.bfit.edu
Boston Children’s Hospital

COACH: Community, Opportunities, Advancement at Children’s Hospital | Est. 2007

Educational Partners
ABCD Parker Hill/Fenway, Boston Private Industry Council (PIC), Hyde Square Task Force, Boys and Girls Club of Boston, and Steps for Success

Area of Focus
Healthcare, Science, STEM

Program Description
Students are referred to the COACH Internship Program through several community-based organizations throughout the Boston area. Since the program started in 2007, over 800 youth have participated. Most have gone onto college after their experience in the program, and several have been hired by Boston Children’s Hospital. This year’s virtual internships are 20 hours per week for high school interns and 30 hours per week for college interns with a Monday-Thursday schedule. The program consists of college mentorship by COACH college interns, workshops to enhance professional development, employee guest speakers, and a college and career showcase.

Program Contact
Florette Louissaint, coach@childrens.harvard.edu

Program Website
www.bostonchildrens.org/careers
Boston University

*Innovate@BU | Est. 2018*

**Employer Partners**
Greentown Labs, MassChallenge, MassChallenge HealthTech, TechStars, VentureWell, LearnLaunch

**Area of Focus**
Business, Entrepreneurship, Social Impact

**Program Description**
Innovate@BU is a Boston University initiative to enable all BU Terriers to become drivers of innovation in their own lives, careers, and communities. Through its physical home on campus, the BUild lab IDG Capital Student Innovation Center, Innovate@BU provides experiential learning programs that foster an entrepreneurial mindset by teaching innovation, communication, and collaboration skills. Innovate@BU programs and resources are available to students and alumni from all BU schools and colleges.

**Program Contact**
Gerry Fine, gifine@bu.edu

**Program Website**
www.bu.edu/innovate
Boston University

*Engineering Product Innovation Center (EPIC) | Est. 2014*

**Employer Partners**
GE Aviation, Proctor & Gamble, PTC, Rolls-Royce, Schlumberger

**Area of Focus**
Engineering

**Program Description**
With technology revitalizing American manufacturing, the Boston University College of Engineering is transforming its curriculum so students learn the entire innovation process – from concept to design to production to deployment. The centerpiece of this transformation is the new Engineering Product Innovation Center (EPIC), a 20,000-square-foot teaching and design studio equipped with the latest industry technology.

**Program Contact**
Gerry Fine, gifine@bu.edu

**Program Website**
www.bu.edu/eng/current-students/epic

*Technology Innovation Scholars Program (TISP) | Est. 2011*

**Area of Focus**
Engineering

**Program Description**
TISP recruits and trains undergraduate engineering majors and sends them to middle and high schools around the country to explain how engineering can transform our lives. TISP Inspiration Ambassadors give interactive, fun presentations that frame engineering as essential to our quality of life— from the cleanliness of the water we drink to the distribution of the energy we use to power our homes. K-12 students explore the engineering design process and see themselves as problem solvers and future leaders of technological innovation. TISP works closely with Boston Public Schools and those in the surrounding districts.

**Program Contact**
Dr. Wynter Duncanson, wynterjd@bu.edu

**Program Website**
www.bu.edu/eng/about/outreach-diversity/tisp/
Boston University

*Rafik B. Hariri Institute for Computing and Computational Science & Engineering | Est. 2012*

**Employer Partner**
Red Hat

**Area of Focus**
Computer Science, Software Engineering

**Program Description**
A federated entity at the crossroads of computational research at BU, the Hariri Institute is home to the Red Hat Collaboratory. A partnership between Red Hat and Boston University, the Red Hat Collaboratory connects BU faculty and students with industry practitioners working in open-source software communities. In turn, this relationship facilitates interactions with the Institute’s Software & Application Innovation Lab (SAIL), a professional research, software engineering, and consulting lab that acts as both a driver and a collaborative partner for computational and data-oriented research efforts across Boston University. And with Boston University Spark!, an initiative to support student driven innovation and entrepreneurship in computer science, computer engineering and related disciplines.

**Program Contact**
Jen Stacy, jstacy@bu.edu

**Program Website**
www.bu.edu/hic
Boston University


Area of Focus
STEM

Program Description
Project Accelerate is a Boston University and high school partnership program providing access to a rigorous introductory College Board Advanced Placement physics course to students attending high schools where this opportunity is not part of the regular high school program of study. High schools in the United States not offering this opportunity in general are either small rural schools or high schools in districts serving a larger than average proportion of economically disadvantaged and ethnic and racial minority families. Students in Project Accelerate do as well on the AP exam as their peer groups enrolled in traditional AP® Physics 1 classrooms. In addition, students in Project Accelerate show a marked increase in interest in pursuing post high school academic programs in science. Project Accelerate is currently serving 6 public high schools in the Boston area with an additional 13 high schools in 5 states. Project Accelerate is a potential scalable and sustainable solution to closing the access gap to STEM careers and academic programs.

Program Contact
Mark Greenman, greenman@bu.edu

Program Website
www.physics.bu.edu/sites/project-accelerate/

Master of Science in Management Studies

Employer Partners
AT&T, Paint Bar, Quintiles

Area of Focus
Business

Program Description
The MSMS program at Boston University's Questrom School of Business is a one-year Master's program that pairs with three companies over the course of the year. The program is designed for non-business majors who want to be involved in the business side of their industry (biopharma, engineering, defense, or telecommunications). Topics that are covered in the degree include Simulations & Live Case Topical Content, Project Engagements Topical Intensives, and Client “Challenge” Solution Development.

Program Contact
msms@bu.edu

Program Website
www.bu.edu/questrom/degree-programs/ms-in-management-studies/
Brown University

Building Futures Partnership

Employer Partner

Building Futures

Area of Focus

Workforce Development, Economic Development, Social Equity

Program Description

Building Futures is an apprenticeship program run by the RI Building Trades Council for diverse, low-income residents of Rhode Island. Building Futures prepares Rhode Islanders for careers in construction through a pre-apprenticeship program, and partners with public and private entities to expand entry-level, on the job training opportunities through the proven apprenticeship model. Brown University has committed to working with Building Futures apprentices for all building projects with budgets over $5 million. That has resulted in over 171,000 apprenticeship hours on Brown projects for 124 Building Futures graduates. In October 2019, the President of the RI Trades Council said, “No single entity has had a bigger impact on the Building Futures program than Brown University.”

Program Contact

Andrew Cortes, Executive Director, acortes@bfri.org

Program Website

www.bfri.org
Bunker Hill Community College

Beth Israel Deaconess Medical Center’s Employee Career Initiative | Est. 2008

Employer Partners
Beth Israel Deaconess Medical Center (BIDMC)

Area of Focus
Healthcare, Science, and Basic Skills

Program Description
Beth Israel Deaconess Medical Center’s Employee Career Initiative supports BIDMC employees in attaining the academic skills they need to move forward in their careers. BIDMC offers free, on-site, pre-college courses in reading, math and English, and free, on-site science courses such as Biology and Anatomy & Physiology. BIDMC’s program is run in partnership with Bunker Hill Community College and employees receive credit at Bunker Hill for their coursework. In addition to the free courses, the Employee Career Initiative provides all employees access to a career and academic advisor who can help them plan to grow their careers. The program also offers on-site assessment of academic skills and access to tutors who are BIDMC employee volunteers. To date 1,484 employees have participated in this program.

Program Contact
Babak Bagheral, bbaghera@bidmc.harvard.edu
Bunker Hill Community College

Pao Arts Center | Est. 2017

Employer Partners
Boston Chinatown Neighborhood Center (BCNC)

Area of Focus
Business, Visual and Media Arts, Liberal Arts

Program Description
The Pao Arts Center is an arts, culture and education space for the community to convene to preserve and celebrate the cultural and creative assets of Boston's Chinatown. The Center adds a new and unique Asian American and Asian immigrant cultural space to the landscape of Boston, and represents the reclamation of an important piece of land for the community, Parcel 24, that was taken by eminent domain by the City of Boston in the 1960s, displacing hundreds of residents. A range of BHCC classes are offered at the Pao Arts Center, including theater, visual and media arts and business. Students and community partners also have access to the BHCC mobile language lab at this location.

Program Contact
Nuri Chandler-Smith, ngchandl@bhcc.mass.edu

Program Website
bhcc.edu/pao
Bunker Hill Community College

Learn and Earn Internship Program | Est. 2012

Employer Partners

Area of Focus

Program Description
Bunker Hill Community College Learn and Earn Internships provide students with paid opportunities at top corporations, small businesses, nonprofits, and cultural and civic organizations. Students are paid $18/hour with a one-time $240-$500 travel stipend, and work 16-40 hours per week. The program started with the support of former Massachusetts Governor Deval Patrick and members of the Massachusetts Competitive Partnership (MACP). Learn and Earn interns reflect the diversity and cultural richness of the BHCC student body. In addition to working in the field, students take a 3-credit class that supports their career development and success in their internships. Over the course of the program, employers have invested $1.2 million in wages and transportation stipends for student interns. The program has about a 40% conversion rate for extensions and job offers for those who participate in the program. The program has served approximately 500 students and has been recognized by the American Association of Community Colleges (AACC), the Cooperative Education Association (CEIA), and the White House College Opportunity Day of Action.

Program Contact
Katie Colello, kvcolell@bhcc.mass.edu
Kadee Tapley, kmtapley@bhcc.edu

Program Website
bhcc.edu/learnandearn
Cambridge College

Greater Boston Gaming Career Institute | Est. 2018

Employer Partner
Encore Boston Harbor

Area of Focus
Casino Dealer Training

Program Description
This hospitality and gaming industry workforce development initiative, located at Cambridge College's Charlestown campus, is designed to meet the table dealer employment needs of the new Everett-based five-star resort and casino. The collaboration between Encore Boston Harbor and Cambridge College seamlessly delivered over 340 dealers trained in Poker, Blackjack, Baccarat, and several other table games for the June 2019 launch of the casino. Goals to optimize diversity and the engagement of local residents, coupled with an affordable, accessible and flexible delivery model were effectively delivered through the shared efforts of the College and Encore. The program will continue to train dealers to meet the staffing needs of Encore.

Program Contact
Phillip Page, phillip.page@cambridgecollege.edu

Program Website
https://betonu.com/

Cambridge College Tenant Partnerships | Est. 2018

Employer Partner
EMS Academy, Oxford International Education Group

Area of Focus
Licensing, Tutoring, Language Skills

Program Description
In addition to its established partnership with EMS Academy, an accredited EMS/EMT training agency with the Massachusetts Department of Public Health and the Office of Emergency Medical Services, Cambridge College launched a new tenant partnership with Oxford International Education Group, an internationally accredited education provider, around training and testing for English Language Learners/TESOL. In addition to providing classroom space on the College's Boston campus, these unique collaborations allow participants the opportunity to complete trainings that could potentially provide pathways towards degree completion at Cambridge College, in addition to other industry recognized certifications. Hosting these programs allows the College to contribute to expanding resources to residents in the Charlestown and Greater Boston communities.

Program Contact
Phillip Page, phillip.page@cambridgecollege.edu

Program Website
www.cambridgecollege.edu/emt-basic-program
Cambridge College

Business Development Certificate Program | Est. 2019

Employer Partner
Massachusetts Growth Capital Corporation (MGCC) & Mel King Institute for Community Development

Area of Focus
Business Management and Development

Program Description
Cambridge College, Mel King Institute for Community Building, and Massachusetts Growth Capital Corporation (MGCC) have formed a new partnership to support and educate small business development officers throughout the Commonwealth. A multiple-module program was developed to enhance the experience of community-based economic development partners who are committed to supporting the successful launch and growth of small businesses across Massachusetts. The program offers six full days of training held at the Cambridge College Campus in Boston, taught by faculty from Cambridge College, seasoned business professionals and attorneys from the Lawyers for Civil Rights. This program is open to anyone working as a business counselor or technical assistance provider to small businesses.

Program Contact
Mark Rotondo, mark.rotondo@cambridgecollege.edu

Program Website
www.cambridgecollege.edu
Cambridge College

*Industry-Based First Time Supervisor/Manager Training Program | Est. 2017*

**Employer Partner**
Boston Water & Sewer Commission

**Area of Focus**
Business Management

**Program Description**
Designed in collaboration with Boston Water and Sewer Commision (BWSC), this interactive workshop is designed to introduce individuals at formative stages of development within the organization to best practices for professional growth as a manager. Delivered in a cohort model to employees of BWSC, on site and during the workday, the program covers topics ranging from setting goals and accountability measures, to team building, to fostering continuous development and improvement. Those who complete the program receive a certificate of completion, become eligible for additional career development opportunities within the company, and have the opportunity to pursue degree attainment at the College with this experience as a foundation.

**Program Contact**
Mark Rotondo, mark.rotondo@cambridgecollege.edu

**Program Website**
www.cambridgecollege.edu
Cambridge College

Non-Profit & Community Partnerships | Est. 2019

Employer Partner
Association for Latino Professionals of America, The Chica Project, The Possible Project, and others

Area of Focus
Non-Profit and Community Development

Program Description
Cambridge College is proud to further its educational and social justice mission by working collaboratively across all college departments to lead initiatives that engage and support external partners. One such example is a new partnership model launched in 2020 with The Possible Project (TPP), a 501(c)3 non-profit after school initiative focused on providing young people a host of personal and professional skills. In partnering with TPP, the College has provided a range of partner benefits to support a shared vision of propelling students to long term success in their academic and career pursuits. In addition to hosting events and presentations, the College recently established credit value to the rigorous training program so that TPP students can receive up to 12 dual enrollment credits at Cambridge College. While each partnership is unique, the College remains committed to working with non-profits and community-based organizations seeking to advance a common goal of supporting individuals in achieving academic and professional goals.

Program Contact
Alex Morr, alex.morr@cambridgecollege.edu
The Castle Group


Educational Partners
WriteBoston, Teens in Print

Area of Focus
Writing, Creative Writing, Journalism, Public Relations, Media Relations, Media Analysis, Social Media

Program Description
The Castle Group partnered with WriteBoston to build a multifaceted and sustainable program that helps the organization achieve its goal of creating stronger, better, lifelong writers in underserved Boston Public School communities. Castle annually hosts students for a day-long career exploration event filled with networking, creative writing and media relations workshops, and social media coaching. Everyone at Castle, from public relations to event management teams, participates in the planning and execution. The students are able to see and experience a women-owned small business in action and interact with professionals who have used writing skills to further their careers and continue to use them every day. Students learn skills that they can use both in their educational and professional careers.

Program Contact
Deborah Spencer, dspencer@thecastlegroup.com
Alicia Morrel, amorrel@thecastlegroup.com

Program Website
www.writeboston.org/our-programs/teens-in-print/
www.writeboston.org/studentjobshadow/
Connecticut Center for Advanced Technology

*Incumbent Worker Trainings | Est. 2004*

**Educational Partners**
Connecticut State Colleges & Universities, Georgia Tech, Goodwin University, Penn State, Rochester Institute of Technology (RIT) and the State University of New York (SUNY) at Buffalo, University of Connecticut, University of Hartford, University of Pittsburgh, and others

**Employer Partners**
ACMT, Advanced Manufacturing Employer Partnership (AMEP), Aerospace Components Manufacturers (ACM), Connecticut Manufacturers Consortium (CMC), GKN, Hartford Steam Boiler, Raytheon Technologies, and others

**Area of Focus**
Additive Technologies, Non-Contact Inspection and Precision Machining, Industry 4.0, Smart Manufacturing Technologies, IoT, Big Data & Analytics, and Automation and Robotics

**Program Description**
CCAT’s Technology Workshops help manufacturers learn leading-edge machines, tooling, and software. Industry experts share information about innovative ways to increase productivity, ensure quality, and improve companies’ bottom lines. Free demonstrations and trainings on Industry 4.0 technologies such as Industry of Things (IoT), Big Data & Analytics, Additive Technologies and Automation/Robotics are available to Connecticut small to medium sized manufacturers to build their workforce’s skills and adopt new technologies. These workshops focus on advanced technologies that will grow and diversify manufacturers’ businesses, help deployment of these technologies to enhance existing manufacturing processes and encourage companies to take advantage of this new revolution in manufacturing. CCAT is known nationally for applying innovative technology in our world-class Advanced Manufacturing Center, where leading-edge equipment and systems are showcased, demonstrated, and evaluated.

**Program Contact**
Paul Oei, Director of Advanced Manufacturing Center, poei@ccat.us

**Program Website**
www.ccat.us/incumbent-worker-training
Connecticut Center for Advanced Technology

Pre-Apprenticeship Programs | Est. 2017

Educational Partners
Manchester High School, Synergy Alternative High School

Employer Partners
Advanced Manufacturing Employer Partnership (AMEP), Aerospace Components Manufacturers (ACM), Connecticut Manufacturers Consortium (CMC), Raytheon Technologies and others

Area of Focus
Manufacturing

Program Description
The Pre-Apprenticeship Program is an accelerated training course that delivers a total of 144 hours of instruction to prepare students for high demand, entry level manufacturing jobs. The program includes 72 hours of classroom instruction using an employer-provided online curriculum plus 72 hours of on-the-job training. Before training and job placement, the National Career Readiness Certificate assessment in basic math and reading is administered to validate foundational skills required for manufacturing, along with the NTMA Aptitude Assessment to measure the ability to understand and solve mechanical problems.

Program Contact
Lynn Raicik, Associate Director Workforce Pipeline Programs, lraicik@ccat.us

Program Website
www.ccat.us/amep
Connecticut Center for Advanced Technology

Young Manufacturers Academy (YMA) | Est. 2007

Educational Partners
Goodwin University, Groton, New Haven, and New London Public Schools

Area of Focus
STEM, Manufacturing and Industry 4.0 Technologies

Program Description
The Young Manufacturers Academy is a package of STEM and Manufacturing programs for middle grade youth (5th-8th grade students) to promote achievement in STEM and raise awareness about today's modern manufacturing and emerging Industry 4.0 technologies. It incorporates grade-level, hands-on, manufacturing-themed activities building contextualized STEM skills needed most by employers. YMA has been recognized as a national best practice by the Manufacturing Institute in raising youth awareness about manufacturing.

Program Contact
Alyce Stiles, Associate Director of Experiential STEM Education, astiles@ccat.us

Program Website
www.ctdidi.com
Connecticut State Colleges and University System - College of Technology

Regional Center for Next Generation Manufacturing | Est. 2004

Educational Partners
Asnuntuck Community College, Central CT State University, Gateway Community College, Housatonic Community College, Manchester Community College, Middlesex Community College, Naugatuck Valley Community College, Norwalk Community College, Northwestern CT Community College, Quinebaug Valley Community College, Three Rivers Community College, Tunxis Community College

Employer Partners

Area of Focus
Engineering and Manufacturing Technologies

Program Description
The Connecticut College of Technology and its Center for Next Generation Manufacturing (RCNGM), a National Science Foundation Center for Excellence, provides opportunities for student outreach and professional development for high school, community college and university educators in the State of Connecticut. Initiatives include programs that bring students and educators to companies and also bring company representatives to classrooms. Expos, school counselor workshops, company tours, and career profile videos are a few of the outputs that the RCNGM created to provide information on educational pathways and career possibilities in the manufacturing industry.

Program Contact
Dr. Karen Wosczya-Birch, karenlee@snet.net

Program Website
www.nextgenmfg.org
Cristo Rey High School

*Corporate Work Study Program | Est. 2019*

**Employer Partners**
140+ Boston area companies

**Area of Focus**
Human Resources, Information Technology, Communications, Marketing, Talent Acquisition, Medical, Finance, Operations

**Program Description**
Through corporate partners, students are provided needed entry level positions for five full days per month - doing work that others do not have time for. Cristo Rey assumes all responsibility for payroll, workers comp, taxes, insurance, and transportation to and from jobs. Cristo Rey trains and coaches the student workers and a staff of five supports the placements in over 140 corporate partners. Corporate partners pay a fee to the school for students' work. Partners provide the opportunity and work readiness skills. With a focus on academics, work study employment covers 60% of the cost of education at a college prep school. Work experience helps students learn about the corporate world and has resulted in a 100% four-year college placement rate.

**Program Contact**
Marcin Kunicki, mkunicki@cristoreyboston.org

**Program Website**
www.cristoreyboston.org
Dassault Systems

Workforce of the Future Initiative

Employer Partners
American Society for Engineering Education, American Technical Educational Association, First Robotics, Massachusetts High Technology Council, Massachusetts STEM Advisory Council, National Academy of Engineering, and many schools at various levels in the region

Area of Focus

Program Description
Dassault Systemes hires hundreds of interns nationwide each year, the large majority of those at our North American headquarters in Waltham, MA. Dassault hires in a wide range of job areas, not just in engineering. Interns have the opportunity to build meaningful relationships with employees and other interns through a variety of summer activities including a speaker panel with company leadership, learning & development opportunities and various social activities. Dassault Systemes is a science-based, innovation-driven, business-minded and long-term oriented company. Dassault solutions transform the way products are designed, simulated, produced, marketed and supported, leveraging the virtual world to improve the real world.

Program Contact
Al Bunshaft, Senior Vice President, al.bunshaft@3ds.com

Program Website
https://www.3ds.com/
Dean College

**PROgram | Est. 2011**

**Employer Partners**
Dell Technologies, Hockomock Area YMCA, Putnam Investments, Waters Corporation, Wayne J. Griffin Electric Inc.

**Area of Focus**
Business, Cyber Security, Corporate Training

**Program Description**
The Dean College professional resource opportunities program (PROgram) functions as a platform for employees of our business partners to earn a certificate, an associate or baccalaureate degree through courses offered at their workplace and to leverage a catalog of corporate training options. Dean College School of Continuing Studies works with business partners to create specific curriculum and course sequencing for each organization's needs. Classes can be delivered virtually online or on-site at their workplace by Dean College faculty, typically one or two evenings per week, with additional online and on campus offerings available. The students receive individual one-on-one advising from a Dean staff member, and transfer credits are granted for any previously earned college credit. Typically, the employer pays Dean directly for the cost of tuition, books and materials for participating employees and as an option, this program can be structured to operate leveraging the employer's tuition reimbursement policy. In addition, custom training and employee development classes, as well as seminars, can be delivered online, on location or on demand using the latest technology platforms. Since inception, this program has successfully served over 650 students.

**Program Contact**
Paul Resten, presten@dean.edu or 508-541-1629

**Program Website**
www.dean.edu/about-dean/corporate-training-and-partnerships/
Denterlein

*Project Coordinator Program for New College and Master’s Program Graduates | Est. 2006*

**Educational Partners**
Multiple

**Employer Partners**
Educational, Energy, Health, Professional, Public Policy, and Real Estate Association Clients

**Area of Focus**
Public Relations, Strategic Communications, Crisis Communications

**Program Description**
Denterlein’s Project Coordinator Program (PCP) offers a unique opportunity for participants to work directly with our client teams to learn the keystones of public relations and consulting. During an 18-month tenure, participants work under the guidance of senior staff to meet the needs of clients by supporting a variety of areas throughout the agency, including but not limited to: competitor/Industry research; developing media databases; tracking and monitoring client media coverage; writing and distribution of press releases and media pitches; conducting media outreach and follow-up; assisting with client events; digital content development; internal strategic planning meetings/brainstorm activities. By month six of the PCP, participants are fully integrated onto at least two client teams and participating in business development, firm operations, and leadership support.

**Program Contact**
Nicole R. Iannucci, VP/General Manager, niannucci@denterlein.com

**Program Website**
www.denterlein.com/careers
EDC, Education Development Center, Inc.

Creating Pathways to Data/Big Data Careers | Est. 2015

Educational Partners
Bunker Hill Community College, Johnson County Community College, Normandale Community College, Sinclair Community College

Employer Partners
City of Bloomington, The Design Knowledge Company (TDKC), MN, LEXISNEXIS Mass EOTSS (Executive Office of Technology Services and Security), Mass ITC (Internet Technology Center), Medtronic, MinneAnalytics, Pelican Technologies, Premier Health, Target, Teradata, Tufts University, United Health Group, Vana Solutions, LLC, Winsupply, Yaskawa America, Inc.

Area of Focus
Data Science Education, Middle Skilled Data Workers Across Industry Sectors

Program Description
This partnership supports community colleges as they develop courses/programs/certificates leading to data-intensive careers. EDC offers a toolkit, processes, a community of practice, and community college faculty as mentors in companies across industry sectors. The program uses performance-based assessment rubrics illustrating what middle skilled data proficiency looks like on the job and the Gap Analysis Tool, which measures the alignment of curriculum with local industry skill standards. It also uses the Curriculum Analysis Matrix used by colleges to determine where and when to cover essential work tasks in the curriculum, and others.

Program Contact
Joyce Malyn-Smith, jmsmith@edc.org
J. Mahoney, jlmahone@bhcc.edu
M. Harris, mdharris@bhcc.edu

Program Website
www.oceansofdata.org/workforce-prep-projects
Fidelity Investments

Fidelity Summer Fellowship Program | Est. 2011

Educational Partners
Boys & Girls Clubs of Boston, Cathedral High School

Area of Focus
Financial Services Career Opportunities, Personal and Professional Development, Business and Technical Acumen, Building Community

Program Description
The Fidelity Summer Fellowship Program is a six-week internship that provides diverse college-bound high school scholars an opportunity to gain professional work experience through hands-on assignments, teamwork, mentoring and developmental programming. Fidelity recruits “on-the-rise” interns from Cathedral High School and Boys & Girls Clubs of Boston. Interns are assigned to a Fidelity team and contribute to team successes by completing research assignments, project work and creative initiatives that ultimately help move Fidelity forward. They also participate in educational programs, which develop hard and soft skills through finance classes, roundtables, presentations and upskilling exercises. The company partners with Aspire, Fidelity’s Black & Latino Employee Resource Group, to match interns with mentors who provide support and guidance throughout the internship. As a capstone, interns present their experiences, contributions and learnings to managers, mentors and senior executives.

Program Contact
Meredith Anthoine, Meredith.anthoine@fmr.com

Program Website
www.fidelity.com/about-fidelity/citizenship
Fisher College

Accounting Careers Exploratory (ACE) Leadership Program | Est. 2017

Employer Partners
Deloitte, National Association of Black Accountants, Inc., Massachusetts Society of CPAs

Area of Focus
Careers in Accounting and Business

Program Description
ACE is a free intensive program for underrepresented students who are interested in learning about a career in accounting and business. These organizations work with Fisher College to enhance the pipeline of students interested in pursuing careers in the field of accounting where there is great demand and opportunity.

Program Contact
Donna Brady, dbrady@fisher.edu

Program Website
www.mscpaonline.org/about/educational_foundations
Framingham State University

*CHOICE Program | Est. 2013*

**Employer Partners**
Boys & Girls Club of MetroWest, Downtown Framingham Inc., Framingham District Court, Framingham High School, MetroWest Chamber of Commerce, Natick District Court, Natick Labs/Soldier Center, RCS Learning Centers, Sudbury Valley Trustees, The United Way of Tri-County

**Area of Focus**
Various

**Program Description**
The Community/Hometown Organizations Internships and Cooperative Education (CHOICE) Program provides stipends for students who are working in unpaid internships at approved government, nonprofit and community organizations. The program is designed to help students gain internship experience at organizations that can’t pay them. Students are compensated $16/hour and the initiative has assisted over 500 students.

**Program Contact**
Jill Gardosik, jgardosik@framingham.edu

**Program Website**
www.framingham.edu/the-fsu-difference/career-services/job-and-internship-strategies/
Franklin Pierce University

Franklin Pierce Advisory Group | Est. 1998

Employer Partners
New Hampshire Small Business Development Center

Area of Focus
Marketing, Advertising, Logistics for Small Businesses

Program Description
The Small Business Advisory Group (SBA) consists of a problem-solving team of students and a faculty advisor who assist New Hampshire small businesses and nonprofit organizations. The SBA partners with the New Hampshire Small Business Development Center, a non-profit organization funded by the U.S. Small Business Administration, the state of New Hampshire, and the University of New Hampshire. Throughout the semester, the consulting group develops business plans, marketing plans, e-commerce strategies, advertising/public relations campaigns, marketing research, and other strategic deliverables that aide in the success and growth of the organization.

Program Contact
Heather LaDue, Ladueh@franklinpierce.edu

Program Website
www.franklinpierce.edu/academics/ugrad/programs_of_study/div_busadmin
Franklin Pierce University

*The Marlin Fitzwater Center for Communication’s Political Polling Program | Est. 1999*

**Employer Partners**
Boston Herald

**Area of Focus**
Communication, Journalism, Media Production, Media Studies, Sports Media and Digital Media Design

**Program Description**
The Marlin Fitzwater Center for Communication offers numerous programs with a commitment to providing students with outstanding educational experiences in professional environments. Student volunteers and interns have immersed themselves in the political polling process. The University has partnered with the Boston Herald to carry out a polling program that allows students to participate in survey design, data collection, analysis and media relations - all while working to create a statistically-valid product with solid news value. The Fitzwater Center hosts a national conference for high school media on The Presidency and the Press. Students explore an array of opportunities in communications, media, and politics through hands-on learning with state-of-the-art equipment and technology at the Fitzwater Center, connecting with communication networks that reach constituents on campus, within the region, and beyond to the national arena.

**Program Contact**
Dr. Kristen Nevious, neviousk@franklinpierce.edu

**Program Website**
www.franklinpierce.edu/institutes/mfcc/polling.htm
Franklin Pierce University

*C&S Scholars Program | Est. 2017*

**Employer Partner**
C&S Wholesale Grocers, Inc.

**Area of Focus**
General Management, Logistics, Procurement, Information Technology, Human Resources, Finance and Accounting, Merchandising and Transportation

**Program Description**
The C&S Scholars program is the outcome of C&S Wholesale Grocers’ desire to identify strong and motivated students for eventual employment in the company and for Franklin Pierce University to provide deep and robust experiential opportunities for students to position them for professional successes. The program exposes Franklin Pierce students to practitioner level experts from C&S who provide guest lectures and participate in career panels. Students are afforded internship opportunities with the company and C&S Scholars will complete a 9-credit (500 hour) co-operative opportunity at C&S in either the fall or spring semester of their senior year.

**Program Contact**
Heather LaDue, ladueh@franklinpierce.edu

**Program Website**
www.franklinpierce.edu
Google

Google IT Support Professional Certificate | Est. 2018

Educational Partners
Northeastern University, Coursera, various community colleges

Employer Partners

Area of Focus
IT Support

Program Description
The Google IT Support Professional Certificate, developed by Google and hosted on Coursera, is designed to help learners become ready for an entry-level job in IT support in three-to-six months. No experience is necessary. In this program, learners will engage with a dynamic mix of hands-on labs and other interactive assessments. It introduces learners to troubleshooting and customer service, networking, operating systems, system administration, and security -- all the fundamentals of IT support that are critical for success in the workplace. Those who complete the program and are interested in pursuing advanced IT learning can earn up to 12 credits towards an online Bachelor's Degree in Information Technology through Northeastern University's College of Professional Studies. The Google IT Support Professional Certificate has also been integrated into 100 community colleges across the U.S., including schools in Massachusetts. The certificate secured a credit recommendation from the American Council on Education's (ACE) ACE CREDIT®, whereby learners can earn a recommendation of 12 college credits for completing the program -- the equivalent of four college courses at the associate degree-level. Jobseekers who complete the Google IT Support Professional Certificate can opt in to share their information directly with top employers hiring for entry-level IT support jobs.

Program Contact
Natalie Van Kleef Conley, nvankleef@google.com

Program Website
grow.google/it-cert
Granite State College Learning Solutions

Assessing Workplace Training for College Credit | Est. 1990

Employer Partners
Concord Hospital, Dartmouth-Hitchcock Medical Center, Hypertherm

Area of Focus
Business Management, Finance, Education, Healthcare, Public Administration, Public Service

Program Description
Granite State College can evaluate internal corporate training for college credit, as well as industry-specific training and resources. College transfer credits aren’t limited to what you earned in the classroom. Granite State College has assessed dozens of industry certifications and training programs for college credit to help students advance their careers.

Program Contact
Rachael French, Business Partnerships Manager, Rachael.French@Granite.edu

Program Website
www.granite.edu/employers/

Customized Online Learning for Employees | Est. 2013

Area of Focus
Business, Healthcare, Education, Training for Law Enforcement, Compliance Training, Suicide Prevention Program

Program Description
Granite State College partners with employers to collaboratively design and develop online training for employees. As today’s business environment becomes more distributed, having high-quality, and reliable online training solutions can help organizations achieve consistency and meet goals. Through customized online learning programs, Granite State College Learning Solutions can deliver effective online training anywhere, anytime.

Program Contact
Rachael French, Business Partnerships Manager, Rachael.French@Granite.edu

Program Website
www.granite.edu/employers/
Granite State College Learning Solutions

*Tuition Partnership Program and Team Cohorts | Est. 2016*

**Educational Partners**
Community College System of New Hampshire

**Employer Partners**
Bank of New Hampshire, City of New Hampshire, Concord Hospital, Cornerstone VNA, Easterseals, Frisbie Memorial Hospital, Hypertherm, Manchester Fire Department, The Moore Center, Network4Health, Town of Derry

**Area of Focus**
Business, Finance, Healthcare, Manufacturing, Municipalities & Public Service, Education

**Program Description**
Through this program, Granite State College partners with employers to help employees earn a college degree more affordably with a partnership discount. Granite State College offers flexible, career-focused degree programs that fit the schedules of working professionals because all undergraduate and graduate programs can be completed 100% online. The Team Cohort model provides an opportunity for employees to take coursework together in a collegial environment online, on-site, or through a hybrid of online and on-site. Teams of students gain substantive knowledge and skills to achieve organizational goals. Project-based assignments are focused and relevant to challenges and opportunities within industries and organizations.

**Program Contact**
Rachael French, Business Partnerships Manager, Rachael.French@Granite.edu

**Program Website**
www.granite.edu/employers/
Granite State College Learning Solutions

Workplace Training to Strengthen Teams | Est. 2014

Employer Partners
Bensonwood Homes, City of Keene, Easterseals, Electronic Imaging Systems, Inc., Mt. Washington Chamber of Commerce, Network4Health, NH Department of Homeland Security, NH Endowment for Health, NH Grocers Association, NH Lodging and Restaurant Association, Smith Medical, SOS Harbor Homes, Timken Aerospace

Area of Focus

Program Description
Granite State College offers a portfolio of professional development opportunities that are designed to help employers nurture and grow their talent. Using their expertise in educating adult students and leveraging online learning, Granite State College can help partner employers’ workforces gain a competitive advantage in their field. Granite States’ flexible options offer professional development opportunities for organizations of any size or industry, from one day, three day, and month-long trainings, our options are all customizable, affordable, and offered face-to-face and online.

Program Contact
Rachael French, Business Partnerships Manager, Rachael.French@Granite.edu

Program Website
www.granite.edu/employers/
Greater Boston Real Estate Board

Greater Boston Real Estate Board Foundation Internship Program | Est. 2015

Educational Partners
Boston Public Schools, Public High Schools in 77 Communities in Greater Boston, Private Industry Council (Boston PIC)

Employer Partners

Area of Focus
Real Estate

Program Description
The program’s focus is on exposing rising college freshmen to all aspects of commercial and residential real estate as a potential career. Positions offered are at office settings or at the actual properties.

Program Contact
Gregory Vasil, gvasil@gbreb.com

Program Website
www.gbreb.com
Harvard University

Center for Nanoscale Systems | Est. 1999

Area of Focus
Nanotechnology

Program Description
The Center (CNS) was created originally to support Harvard’s research community and has since expanded to assist an external research community locally and nationally. CNS purchases and operates research facilities and provides training to help ensure that some lab infrastructure and cost barriers do not stand in the way of groundbreaking innovation, and it fosters a collaborative community of scientists to stimulate discovery. In 2004, CNS was included in the National Nanotechnology Infrastructure Network.

Program Contact
info@cns.fas.harvard.edu

Program Website
cns1.rc.fas.harvard.edu/become-cns-user

Cambridge Rindge and Latin School (CRLS)
Marine Science Internship | Est. 2006

Educational Partner
Cambridge Public Schools

Area of Focus
Marine Sciences

Program Description
CRLS Marine Science Internship provides local students hands-on lab experience, working alongside Harvard graduate students and researchers on projects with real-world applications. The program is a result of a partnership between Paul McGuinness, marine biology teacher at Cambridge Rindge and Latin School, and Peter Girguis, John L. Loeb Associate Professor of the Natural Sciences in Harvard’s Department of Organismic and Evolutionary Biology. Each high school intern is paired with a Harvard graduate or postdoctoral student who serves as a mentor throughout their internship. This program was continued for those interns who were able to do their work remotely.

Program Contact
Jean Dao, jean_dao@harvard.edu
Harvard University

*Ed Portal Internship Program | Est. 2020*

**Educational Partners**
Boston Public Schools, Cambridge Public Schools

**Area of Focus**
Mentoring, Professional Development

**Program Description**
The Harvard Ed Portal High School Internship Program is a 4-week paid internship program for 34 high school students (24 from Allston Brighton and 10 from Cambridge). Each student works 20 hours a week (remotely). Groups of six to eight high schoolers report to a Harvard undergraduate on one of five projects focused on developing students’ professional skills while developing deliverables in the following areas: youth programming, IT, art, storytelling, and COVID-19 awareness. Interns are paired with a Harvard staff member to talk about career path and professional experience. Interns also participated in a minimum of 2 hours of college and career conversations per week.

**Program Contact**
Leah Dodell, Leah_Dodell@harvard.edu

**Program Website**
www.edportal.harvard.edu/youth-programming
Harvard University

Harvard Science Research Mentoring Program | Est. 2017

Educational Partner
Cambridge Public Schools

Area of Focus
Physical Sciences, Life Sciences

Program Description
The Science Research Mentoring Program (SRMP) provides an opportunity for high school juniors and seniors to join ongoing independent research projects in a broad range of academic subjects—from cultural anthropology to astrophysics. Students learn how to conduct real, cutting-edge research and work closely with scientists from diverse backgrounds. This program was able to continue remotely through the spring.

Program Contact
Jean Dao, jean_dao@harvard.edu

Program Website
www.projects.iq.harvard.edu/shrimp/home

Summer Youth Employment Program | Est. 2002

Educational Partners
Boston Public Schools, Cambridge Public Schools

Area of Focus
Mentoring and Professional Development

Program Description
The Harvard Summer Youth Employment Program hires Boston and Cambridge youth for six-week summer jobs in various office positions and as lab and library assistants across the University. In addition to earning money, teens participate in job shadowing days and weekly educational seminars aimed at preparing them for both future careers and further education.

Program Contact
Jim Barrows, Jim_Barrows@harvard.edu

Program Website
www.hr.harvard.edu/summer-youth-employment-program
Harvard University

*Life Science Lab Apprenticeship Program | Est. 2018*

**Educational Partners**
Boston Public Schools, Cambridge Public Schools

**Area of Focus**
Life Sciences

**Program Description**
The Life Science Lab Apprenticeship Program gives local students—who have not been introduced to laboratory work as a potential career—an understanding of opportunities associated with biotechnology and research science. Students learn laboratory and workplace skills, and are then placed in paid, six-week summer apprenticeships to expose them to the lab workplace and responsibilities of a technician. In 2020, this program was rolled into the Ed Portal Internship Program to respond to COVID-19 restriction on in-person activities on campus.

**Program Contact**
Jean Dao, jean_dao@harvard.edu

**Program Website**
www.edportal.harvard.edu/youth-programming
Hypertherm

*Hypertherm Technical Training Institute (HTTI) | Est. 2007*

**Educational Partner**
NHTI, Concord’s Community College

**Area of Focus**
Engineering, Automation, Advanced Manufacturing

**Program Description**
The Hypertherm Technical Training Institute hosts apprenticeship programs and high school internship programs. Hypertherm currently has four occupations registered with the Department of Labor enabling the company to hire and train assemblers, CNC machine operators, and Mechatronics Technicians. To date, more than 700 apprentices have completed the programs. Hypertherm has partnered with NHTI to upskill technicians to meet the growing internal need for automation (mechatronics) technicians. Currently there are five students enrolled in the program taking classes on the NHTI campus in Concord during their workday. HTTI hosts a 10-week paid summer internship program for high school rising juniors and seniors exposing them to careers in manufacturing, for which they receive college credit. Rising seniors can choose to accept a postdated job offer to work at Hypertherm upon graduation if they are not continuing to college. Hypertherm also offers a high school internship during the school year in partnership with FUJI/Diamatix. The program hosts local high school rising juniors and seniors daily for half of the school year, during the last block of their day, and is a high school and college credit-bearing course. Hypertherm also has a more traditional internship program where the organization has hosted up to 30 students annually (mostly engineering) and the students gain valuable work experience and learn about our company. Hypertherm also runs a Corporate Campus initiative, a program that leverages the college credits earned in apprenticeship programs combined with general education courses contextualized to Hypertherm through an education partner. This allows associates to earn AS degrees in Advanced Manufacturing and provides career paths for frontline associates that are interested in engineer careers.

**Program Website**
response.hypertherm.com/HTTI
Johnson and Wales University (JWU)

Education Partnership with TD Garden and Boston Bruins | Est. 2018

Employer Partners
Boston Bruins, Delaware North, TD Garden

Area of Focus
Hospitality, Food Service Management & Culinary Arts

Program Description
Experiential education is the cornerstone of a JWU education. Students in the College of Hospitality Management and Sports, Entertainment, Event Management classes, research and develop solutions to real-time industry issues identified by TD Garden, Boston Bruins, and Delaware North leadership. In addition, JWU develops an annual seminar program hosted by TD Garden on topics relevant to its academic programming in the areas of foodservice, hospitality, and sports, entertainment and event management. Segments are filmed and aired on NESN’s “Behind the B” program. JWU culinary arts students create a JWU item of the month to be served in Legends, a restaurant and bar located within TD Garden, four times per season over the course of the partnership. JWU’s College of Online Education offers more than 80 online degree programs to Delaware North, TD Garden, and Boston Bruins in order to assist employees with completing or advancing their education in a flexible manner.

Program Contact
Angelo Pitassi, apitassi@jwu.edu

Program Website
www.jwu.edu/unique-to-jwu/official-education-partner-td-garden-boston-bruins.html
Keene State College

Business and Industry Partnership Program | Est. 2012

Employer Partners

Area of Focus
Student Professional Development, Employer Skill Needs, Curricular Development

Program Description
Under the Business and Industry Partner program, KSC engages regional businesses and employers through a number of curricular, career development, and hiring partnerships designed to engage students in their professional development and offer applied learning while students are in college as well as to provide a runway for them to enter the workforce successfully upon graduation.

Program Website
www.keene.edu/featured/cr/

Manufacturing Partners’ Scholarship Program | Est. 2014

Employer Partners
Hitchiner Manufacturing, Markem-Imaje, Whelen Engineering

Area of Focus
Manufacturing, Design

Program Description
The Keene State Manufacturing Partners’ Scholarship Program provides up to three years’ financial aid and professional development to students beginning sophomore or junior year who are interested in careers in some aspect of manufacturing. These students are able to develop mentoring relationships with the sponsor companies and get paid internship experience, helping prepare them for successful careers. By opening up students’ perceptions of real employment possibilities and relationships, while simultaneously providing a good pipeline for talent, Keene State is helping to strengthen the industry in the region.

Program Website
www.keene.edu/featured/cr/scholarship
Keene State College

Sustainable Product Design and Innovation Program

Employer Partners

Area of Focus
Product Design and Development, Manufacturing Engineering, Quality Assurance and other areas of Engineering

Program Description
The Bachelor of Science in Sustainable Product Design and Innovation (SPDI) brings a novel, hands-on approach to learning important skills needed in today’s product design and advanced manufacturing businesses. Students learn and apply design thinking and research methodologies to build their own models and prototypes in our state-of-the-art digital fabrication, wood and metal working labs. They learn manufacturing systems and tools including SolidWorks and PC-DEMIS, along with allied courses in math, science, business and manufacturing management. Outside of the classroom, industry partners provide internships and other real-world experiences. Graduates find careers in the “make” industries, including product design and engineering, manufacturing engineering and quality assurance, with the agility to adapt careers. SPDI now offers concentrations in Manufacturing Engineering (including mechatronics and automation) and General Engineering.

Program Contact
Dr. Lisa Hix, lhix@keene.edu

Program Website
www.keene.edu/academics/programs/spdi/
Keene State College

Optics Program

Employer Partners
BAE, Chroma Technology, Corning Advanced Optics, Janos Technology, Moore Nanotechnology, Omega Optical, StingRay Optics

Area of Focus
Optics Design, Engineering and Manufacturing

Program Description
Responding to industry partners’ growing need, Keene State will offer a stackable micro-credential program in optics beginning spring semester 2020. This program was designed in collaboration with our regional optics partners. The three certificate programs in Fundamentals of Optics, Laser Optics and Mechanics, and Applied Optics and Imaging Systems may be combined into a minor in optics. Leveraging the strength in design and manufacturing systems from Keene State’s SPDI program (see above), the Optics Program is an interdisciplinary program including courses in physics, chemistry, math and computer science. Students who major in these areas and other KSC programs can complement their degree with micro-credentials and courses in optics. There will be strong emphasis on real experience through paid internships and summer experiences. Our employer partners are eager to hire our Optics-trained graduates.

Program Contact
Dr. James Kraly, Associate Dean, jkraly@keene.edu

Data Analytics Program

Employer Partners
C&S Wholesale Grocers, Comcast, Corning Advanced Optics, Electronic Imaging Materials, Markem-Imaje, Timken Aerospace

Area of Focus
Data Analytics

Program Description
Recognizing the unmet demand for people who can manage and analyze data and tell the story behind the data, Keene State is preparing to launch a minor in data analytics. The minor is expected to be officially available in 2020. Meanwhile, Keene State is working with its faculty and students to increase student awareness of this growing field and with employers to develop campus speakers, applied course project ideas, and internship opportunities.

Program Contact
Daniel Henderson, dhenderson@keene.edu
Lasell University

*Domestic & Sexual Violence Prevention Partnership Program*

**Employer Partners**
Boston Area Rape Crisis Center (BARCC), REACH Beyond Domestic Violence, The Second Step, and Voices Against Violence

**Area of Focus**
Criminal Justice, Health & Human Services

**Program Description**
In a program collaboratively developed with Violence Prevention Partners, students learn advocacy, safety planning, counseling, and legal/policy issues to provide intervention, advocacy and support for survivors of domestic and sexual violence. Students plan and execute trauma-informed, culturally sensitive campaigns to promote healthy relationships and prevent sexual misconduct. Using Northnode: Training for DV Staff as core, students who meet performance criteria receive a 30-hour certification allowing them to bypass all but 10 hours of training required by REACH, Violence Against Violence, The Second Step and BARCC. Dual certification in sexual and domestic violence prevention enhances students’ marketability and infuses the Prevention & Advocacy field with skilled trauma-informed professionals. Students can expand qualifications with Lasell’s Quinn Bill Certified, 5th year Criminal Justice M.S. with specializations in Violence Prevention & Advocacy, or Emergency/Crisis Management.

**Program Contact**
Prof. Karin Raye, kraye@lasell.edu

**Program Website**
Lasell University

Pathways to Teacher Diversity | Est. 2015

Educational Partners
Margarita Muniz Academy in Boston Public Schools, and Milford, School districts in Marlborough, Andover, Martha’s Vineyard, Waltham/Waltham’s Partnership for Youth, Lawrence, Hudson, Nantucket

Area of Focus
Diversifying the Teaching Field, Preparation for College, Mentorship, First Generation College

Program Description
Imagine a classroom where diverse students can see themselves in their teachers. Consider the opportunities where educators can truly relate to their diverse students’ lives and experiences. Since 2015, Lasell University has partnered with high schools and districts to mentor diverse students to become teachers. Partner schools and districts nominate high school students to participate. Through a custom curriculum, the Pathways to Teacher Diversity (PTD) program provides mentoring from faculty and undergraduates to students on applying for college, succeeding in college, and career preparation. The program fosters meaningful connections and creates channels for students to become invested in serving as educators in their local communities. In addition, Lasell professors and mentors lead parent workshops about the college experience.

Program Contact
Claudia Rinaldi, Ph.D., Chair of Education Program, crinaldi@lasell.edu

Program Website
www.Lasell.edu/PTD
Lasell University

*School of Health Sciences Partnerships | Est. 2012*

**Educational Partners**
Boston University School of Medicine, CityLab

**Employer Partners**
Joint and Sports Medicine Center, Massachusetts State Police Crime Laboratory, Orthopedic Affiliates

**Area of Focus**
STEM, Sports, Forensics, Criminal Justice, Athletic Training, Physical Therapy, Physician Assistant

**Program Description**
The School of Health Sciences hosts a number of partnerships to enhance student success, including participation at CityLab, with the mission to provide access to state-of-the-art biotechnology laboratory facilities, experts, and curriculum, unavailable to most school systems. The partnership between Boston University School of Medicine, CityLab and Lasell University School of Health Sciences aim is to engage students in STEM through sports science. The School of Health Sciences also facilitates an internship opportunity that provides educational experience in forensic services for the criminal justice system. Along with the Massachusetts State Police Crime Laboratory, students learn from professionals that respond to crime scenes, perform laboratory testing, and provide expert testimony. The School of Health Sciences provides clinical education and internship opportunities for students seeking careers in the health professions with a focus on orthopedics. The educational experience provides a pathway to employment.

**Program Contact**
Cristina Haverty, chaverty@lasell.edu

**Program Website**
www.lasell.edu/academics/schools/school-of-health-sciences.html
Maine Community College System

Maine Quality Centers | Est. 1994

Employer Partners

Area of Focus
Construction, Healthcare, Hospitality, Manufacturing, Trades

Program Description
The Maine Quality Centers program offers grants to help fund employee training for Maine businesses that are new, expanding, or in need of new skills for their incumbent workforce. Customized training services are delivered through one of Maine’s seven community colleges on-site at the business or at one of our campus locations. Short-term workforce training funded under the grant concentrate on these five areas: healthcare, hospitality, trades, construction and manufacturing. Some examples of popular topics include: supervisory skills, leadership academy, project management, time management, CNC machining, welding, lean principles, customer service, communication, teamwork, blueprint reading, high-pressure boiler operation and hard and soft skills. The program is designed to ensure that Maine businesses have the qualified workers they need to succeed. In 2015, the Put ME to Work program was added to the offerings available under Maine Quality Centers. This new offering was established to create partnerships with private businesses/industry associations and Maine’s community colleges to create new training programs or enhance existing ones in high-demand fields.

Program Contact
Dan Belyea, Chief Workforce Development Officer, training@mccs.me.edu
Michelle Bladen, Administrative Coordinator, mbladen@mccs.me.edu

Program Website
www.mccs.me.edu/workforce-training/
Massachusetts Association of Community Colleges

Direct Support Certificate Program | Est. 1999

Educational Partners
Bristol Community College, Holyoke Community College, MassBay Community College, Massasoit Community College, Middlesex Community College, Northern Essex Community College, MA Department of Developmental Services, and Quinsigamond Community College

Employer Partners
Residential Human Services providers affiliated with the Massachusetts Department of Developmental Services (DDS) including American Training, Better Community Living, Bridgewell, Fidelity HouseCareer Resources, LifeLinks, LifeStream, Northeast Residential (DDS), People Inc., SRS, Turning Point

Area of Focus
Health and Human Services

Program Description
MACC has partnered with the Massachusetts Department of Developmental Services (DDS) for the past 20 years to offer a workforce training certificate in Direct Support Services through eight community colleges located throughout the Commonwealth. Students in the program are direct support staff members at regional DDS providers/employers working in the field of human services. This workforce program includes seven credit-bearing courses (including a required internship) and provides students with an industry-recognized certificate in Human Services. Instruction is provided by both community college faculty and DDS regional workforce training directors. After the program, students are encouraged to continue their studies and all courses transfer to associate degree programs in Human Services at the eight community colleges offering the certificate.

Program Contact
Gretchen Manning, manningg@macc.mass.edu

Program Website
www.masscc.org
Massachusetts Association of Community Colleges

*Massachusetts Apprenticeship Initiative (MAI) | Est. 2015*

**Educational Partners**
Community Colleges, the Massachusetts Department of Career Services

**Employer Partners**
Baystate Healthcare, Massachusetts Healthcare, the Northeast Advanced Manufacturing Consortium, Smith & Wesson, Tri-State Trucking

**Area of Focus**
Manufacturing, Healthcare, Business

**Program Description**
MACC was a catalyst behind the initial concept of the Massachusetts Apprenticeship Initiative (MAI), funded by a U.S. Department of Labor grant via the Massachusetts Department of Career Services. As part of this grant, six community colleges provide training for job related instruction in manufacturing for various industries. The grant funds have also increased the number of apprenticeship and pre-apprenticeship opportunities in healthcare and advanced manufacturing. In FY2017, an additional expansion grant was awarded to Massachusetts to expand current apprenticeship opportunities.

**Program Contact**
Dave Koffman, koffmand@macc.mass.edu

**Program Website**
www.masscc.org
Massachusetts Association of Community Colleges

Workforce Training & Customized Corporate Training

Educational Partners
Massachusetts Community Colleges

Employer Partners

Area of Focus
STEM, Manufacturing, Health, Business

Program Description
Massachusetts community colleges open pathways to education and careers by serving more than 150,000 students annually across 15 institutions. Responding to changes in the regional economy, each community college works with local employer partners on customized workforce training initiatives and vocationally oriented workforce courses. Over the past decade, the community colleges have collectively partnered with thousands of industry partners in all areas of the state. MACC also works with partners on industry initiatives that span across the 15 community colleges, including on federal grant programs such as the U.S. Department of Labor’s Employment & Training Administration grants, trainings & workforce certificates for state agencies, and workforce programs and coordinated visits for national and international employers.

Program Contact
Tom Sannicandro, sannicandrot@macc.mass.edu

Program Website
www.masscc.org
Massachusetts College of Art and Design

Community Build Studio | Est. 2009

Employer Partners

Area of Focus
Architecture

Program Description
This studio is a design/build intensive focusing on a design problem with a community partner to provide the opportunity for students to design and construct a project as a full time experience in a single summer. The studio works exclusively for public and not-for-profit clients producing a complete project from design through construction each summer. The experience includes developing to the requirements of a community client through interviews, site observation, measuring, strategies, scheduling of a project from design through construction, and developing construction documents. Students design systems of assembly in wood, metal, and concrete, in a context that encourages a thoughtful approach to sustainable materials selection and reuse.

Program Contact
Patricia Seitz, pseitz@massart.edu

Program Website
massart.edu/communitybuild

Professional Freelance Studio

Employer Partners

Area of Focus
Illustration

Program Description
The Professional Freelance Studio is a course in freelance illustration. Publishers, corporations, and small businesses help MassArt develop curriculum that teaches the students the process from concept to completion.

Program Contact
Irena Roman, iroman@massart.edu

Program Website
www.massart.edu/degree-programs/illustration-bfa
Massachusetts College of Art and Design

PartnershipWORKS | Est. 2011

Employer Partners

Area of Focus
Art, Design, and Art Education

Program Description
MassArt’s Center for Art and Community Partnerships (CACP) partners with people and communities within and beyond MassArt to radically expand access to transformative creative experiences. CACP employs students to be productive citizen artists and designers whose work has a positive impact on society. Through the PartnershipWORKS program, MassArt students work with community organizations as teachers, designers, illustrators, and more. These placements are intended to be mutually beneficial; both the student and the organization have much to offer and much to gain. Students commit to these job placements for the full academic year and are paid through CACP with no cost to the host site. In addition, each of the 45 students employed through PartnershipWORKS convenes at required monthly sessions led by CACP staff to build community, explore issues of identity and complex social issues, local history, and celebrate the opportunities and challenges of community-engaged work.

Program Contact
Elena Belle White, ewhite@massart.edu

Program Website
www.massart.edu/cacp
Massachusetts College of Art and Design

*Product Development Lab | Est. 2000*

**Employer Partners**
Fidelity Investments, Legrand, Magic Moon, Mayor’s Office of New Urban Mechanics (MONUM), Reebok, Staples, Sterilite, Timberland

**Area of Focus**
Industrial Design

**Program Description**
The Massachusetts College of Art and Design offers a credit-bearing course in which students work directly with a company to develop solutions for their proposed design brief. Special emphasis is placed on the role of the designer in product and service development and creating design solutions that fit within the given company’s culture and business model. The course simulates a design consultancy for clients with enrolled students as the design team and faculty on record as the design director. The goal is to expose students to local companies, often through their product development, design or marketing group, to deliver relevant design solutions.

**Program Contact**
Judith Anderson, janderson@massart.edu

**Program Website**
www.massartid.com/
Massachusetts Manufacturing Extension Partnership (MASSMEP)

*All Made Possible | Est. 2019*

**Educational Partners**
Bridgewater State University, MIT’s Department of Material Science and Engineering, and the University of Massachusetts

**Employer Partners**
Manufacturing USA Institutes, AIM Photonics and AFFOA

**Area of Focus**
Advanced Manufacturing, STEM

**Program Description**
All Made Possible (AMP) is an innovative STEM enrichment program for middle schools across Massachusetts. All Made Possible is an education and workforce development program created by MassMEP to introduce students to the diverse careers and future employment opportunities within the advanced manufacturing industry. Students discover emerging technologies critical to the United States, including: Integrated Photonics, Advanced Fabrics, Flexible Hybrid Electronics, Advanced Robotics, 3D Printing, Artificial Intelligence, VR/AR, and much more. The program employs real-world activities to help students learn about exciting careers in Advanced Manufacturing. The program is fully funded by MassMEP, subject to availability and can be delivered through remote, in-class or blended learning options. It aligns with the content and standards as recommended by the Department of Elementary and Secondary Education.

**Program Contact**
Sean Killam, Director of Entrepreneurship, seank@massmep.org

**Program Website**
massmep.org/services-and-solutions/workforce-development/
Massachusetts Manufacturing Extension Partnership (MASSMEP)

MACWIC Certification and Credentialing | Est. 2015

Educational Partners

Area of Focus
Manufacturing

Program Description
Mass MEP developed these valuable credentials for the manufacturing sector workforce pipeline in collaboration with industry leaders and educators from across the Commonwealth. The program provides MACWIC Level 1 & Level 2 Certification in Basic Manufacturing Skills Credentialing. Two levels of testing are available, covering both the basic competency skills that entry level positions require in today's advanced manufacturing environment, as well as the more advanced computer assisted manufacturing utilized by most manufacturers today. This industry developed and recognized testing, is fully embedded within Massachusetts vocational high schools, as part of their machine tool technology/advanced manufacturing track, and has also become a standard offering within machining and manufacturing related programs at comprehensive high schools, community colleges, continuing adult education programs, Job Corps, Mass HIRE and various re-entry programs across the state. In addition, students who earn MACWIC Level 1 Certification also receive a Machine Operator Pre-Apprentice Certification from the Mass. Division of Apprentice Standards, and 40 of the required 150 apprentice hours. MACWIC Partner High Schools are also provided with valuable supplemental curriculum resources for teacher utilization in the classroom.

Program Contact
Wendy Storm, MACWIC Vocational Coordinator, wendys@massmep.org

Program Website
massmep.org/services-and-solutions/workforce-development/
Massachusetts Manufacturing Extension Partnership (MASSMEP)

*Manufacturing YOUR Career and the Manufacturing LINK | Est. 2017*

**Educational Partners**
Schools, Guidance and Career Counselors

**Educational Partners**
Chambers of Commerce, Commonwealth Corporations’ YouthWorks, Educational and Manufacturing Organizations, Innovation Pathways Programs, Mass STEM Hub, MassHIRE Centers, Project Lead the Way

**Area of Focus**
Manufacturing, Advanced Manufacturing, STEM

**Program Description**
Educators, counselors, parents, and students can utilize MassMEP’s manufacturing network, and MassMEP’s Manufacturing LINK to connect with Massachusetts manufacturers who are offering tours, career internships, mentoring, co-op opportunities and entry level jobs. The program is used to invite the companies to participate in career fairs and events and on advisory boards and related committees. MassMEP also provides virtual or in-person presentations at schools, career fairs and events for students of all ages to increase awareness about the manufacturing industry in the state and all the wonderful Advanced Manufacturing career opportunities.

**Program Contact**
Karen Myhaver, Manufacturing Your Career Coordinator, karenm@massmep.org

**Program Website**
massmep.org/manufacturing-careers/
Massachusetts Maritime Academy

Cooperative Education and Commercial Shipping Program

Employer Partners
Over 900 diverse organizations of all sizes including private employers, public organizations, federal, state and municipal governments

Area of Focus
Workforce Training Grants for Marine Businesses

Program Description

Program Contact
Maryanne Richards, mrichards@maritime.edu, 508-830-5039

Program Website
www.maritime.edu
Massachusetts Technology Collaborative (MassTech)

*MassTech Intern Partnership (MTIP) | 2013*

**Employer Partners**
Technology start-ups located in Massachusetts

**Educational Partners**
Massachusetts Colleges

**Area of Focus**
Technology, Cybersecurity, Digital Health, FinTech, Internet of Things (IoT), and Robotics

**Program Description**
The MassTech Intern Partnership (MTIP) program provides stipends to digital technology companies that are starting and scaling-up across Massachusetts to directly support internships for Massachusetts college and graduate students. The program helps drive innovation by keeping the tech sector dynamic, vibrant, and growing across the Commonwealth. Interns gain valuable work experience, skills, and professional connections in the Commonwealth. Companies can be reimbursed for up to 50% of the intern’s hourly wage up to $8 per hour for a total of $3,200/year per individual intern. Any technology start-up with 100 or fewer employees located in Massachusetts is eligible for up to two interns per period. In 2020, eligible companies in the priority focus areas of Cybersecurity, Digital Health, Fintech, Internet of Things (IoT), and Robotics may apply for up to three interns per program period. All interns must be compensated as employees, not contractors, with required payroll withholdings.

**Program Contact**
William Fuqua, intern@masstech.org

**Program Website**
www.masstech.org/intern
McDonald’s Corporation

Archways to Opportunity | Est. 2015

Educational Partners
Community Colleges, State Certificate Programs

Area of Focus
In-Demand Training Programs/Certifications

Program Description
Archways to Opportunity has proven successful in promoting opportunity and mobility for McDonald’s diverse employee community. Eligible after just 90 days and 15 hours a week, restaurant employees can earn a high school diploma and receive $2,500 in upfront college tuition assistance. Restaurant employees can also access free education and career advising services and the opportunity to learn English as a second language. More than 50 percent of the participants are individuals who identify as people of color and almost two-thirds of participants are women.

Program Contact
Rachel Kaprielian, rachel.kaprielian@us.mcd.com

Program Website
www.archwaystoopportunity.com
MITRE Corporation

The MITRE Academic Engagement Program | Est. 2014

Educational Partners
Alabama A&M, Boston University, Cornell University, Florida International University, Georgetown University, Georgia Tech, Harvard University, James Madison University, Massachusetts Institute of Technology, Mt. Holyoke College, Northeastern University, Rensselaer Polytechnic Institute, Smith College, Tufts University, University of Connecticut, University of Massachusetts Amherst, University of Massachusetts Lowell, University of Rhode Island, Wentworth Institute of Technology, Worcester Polytechnic Institute

Area of Focus

Program Description
MITRE is a not-for-profit company that provides independent and objective advice to sponsors, operating seven federally-funded research and development centers (FFRDCs) and more than 100 state-of-the-art laboratories. MITRE currently has 8,200 employees across more than 60 locations worldwide. MITRE partners with universities across the nation to meet the hiring, research collaboration, and work delivery needs of its many locations and programs. MITRE has a broad academic engagement strategy with schools across the country to strengthen research capabilities and to identify and develop future talent. MITRE aims to align a school's strengths with MITRE's work within the FFRDCs that it operates. Academic engagement includes a large co-op and intern program, funding for students working on Capstone projects or completing graduate study and research, tuition assistance, hosting monthly talks for college faculty, and funding academic partner research. MITRE also supports early-stage incubator operations aimed at transitioning research to marketable products and services. Other academic partnership activities include advisory board involvement, curriculum development, participation in university-hosted competitions and challenges, hosting student visits to MITRE and campus career fairs.

Program Contact
Nicole Gilmore, Director, ngilmore@mitre.org

Program Website
www.mitre.org/careers/students
Montserrat College of Art

Montserrat College of Art Internship Program | Est. 2006

Employer Partners
WGBH Sesame Street Workshop, Hasbro, Puma, Peabody Essex Museum, Boston Center for the Arts, Nickelodeon, Disney

Area of Focus
Animation and Interactive Media, Video, Photography, Graphic Design, Illustration, Printmaking, Fine Arts

Program Description
Montserrat requires all students to register for a credit-bearing internship in a creative industry before graduating. Committed to increasing the employment prospects for all students, we connect employers across a wide range of creative industries to students. Integrating professional development into the core academic curriculum for our students is one of the many benchmarks students must meet before they leave Montserrat.

Program Contact
Beth Price Morgan; elisabeth.price@montserrat.edu

Program Website
www.montserrat.edu/internships/
New Balance

Sport Leadership and Administration Program | Est. 2018

Educational Partners
University of Massachusetts Boston

Area of Focus
Sports Administration and Management

Program Description
The UMass Boston New Balance Sport Leadership and Administration Program is designed to create new career pathways and bring additional diversity to the leadership and management ranks of the sports industry. By educating students in the foundations of sport, leadership and management, finance and economics, sports marketing and communications, ethics and sports law, and innovation and entrepreneurship, this new complement of sport leaders will be able to take their place in a dynamic and growing industry, with careers such as coaching and athletic administration, sports marketing and broadcasting, and sports finance, social media, and event management. Course options include Foundations of Sport Leadership, Sport in Society, Sport Operations, and more.

Program Contact
Joseph Cooper, J. Keith Motley Endowed Chair for Sport Leadership and Administration at UMass Boston, sportleadership@umb.edu

Program Website
www.education.umb.edu/academics/undergraduate_program/sport_leadership_and_administration_ba
The New England Board of Higher Education

High Value Credentials for New England (HVCNE) | Est. 2018

Employer Partners
Carbonite, Massachusetts Life Sciences Center, Massachusetts Business Alliance for Education
Project Log-in, Business & Industry Association of New Hampshire, Dartmouth-Hitchcock Health Care System, Fidelity Investments

Area of Focus
Life and Biosciences, Business and Finance, Healthcare, Information Technology

Program Description
The New England Board of Higher Education launched High Value Credentials for New England (HVCNE) in partnership with Credential Engine in May 2018. HVCNE provides individuals, institutions, state policy leaders and employers the tools to: Develop a common language to describe credentials; Evaluate credentials’ value; Identify critical education and employment pipelines; Understand the skills and competencies obtained in earning a credential. Higher education institutions and other credential providers in Maine, New Hampshire, Massachusetts and Rhode Island are provided technical assistance to upload credential programs in key fields to the Credential Registry a cloud-based library that houses, organizes and connects credential information. The Credential Registry uses the Credential Transparency Description Language (CTDL), which provides humans with a common set of terms to describe credentials and machines with a readable language that can be used to build customized apps.

Program Contact
Candace Williams, cwilliams@nebhe.org

Program Website
https://nebhe.org/policy-research/grant-consulting-technical-assistance/high-value-credentials-for-new-england/
The New England Board of Higher Education

**Upskilling New England: Bridging the Gaps Between Educators & Employers | Est. 2019**

**Educational Partners**
Champlain College, Community College of Rhode Island, Community College of Vermont, Husson University, Keene State, Lakes Region Community College, Manchester Community College, New England College, Norwich University, Quincy College, Quinsigamond Community College, Rhode Island College, University of Bridgeport, University of Maine System, University of New England, Westerly Education Center, Goodwin College

**Employer Partners**
Chroma Technology Corp, Cianbro, Connecticut Center for Advanced Technology, Dartmouth-Hitchcock Hospital, Graphicast, Inc., Mass Life Sciences Center, Narragansett Bay Insurance Company, Panolam Specialty Resins, Partners Healthcare System, Providence Community Health Centers, Sound Manufacturing

**Area of Focus**
Life and Biosciences, Business and Finance, Healthcare, Information Technology

**Program Description**
The New England Board of Higher Education launched High Value Credentials for New England (HVCNE) in partnership with Credential Engine in May 2018. HVCNE provides individuals, institutions, state policy leaders and employers the tools to: Develop a common language to describe credentials; Evaluate credentials’ value; Identify critical education and employment pipelines; Understand the skills and competencies obtained in earning a credential. Higher education institutions and other credential providers in Maine, New Hampshire, Massachusetts and Rhode Island are provided technical assistance to upload credential programs in key fields to the Credential Registry a cloud-based library that houses, organizes and connects credential information. The Credential Registry uses the Credential Transparency Description Language (CTDL), which provides humans with a common set of terms to describe credentials and machines with a readable language that can be used to build customized apps.

**Program Contact**
Candace Williams, cwilliams@nebhe.org

**Program Website**
https://nebhe.org/policy-research/grant-consulting-technical-assistance/high-value-credentials-for-new-england/
New England Institute of Technology (NEIT)

Customer Service Training for Tech Collective | Est. 2018

Employer Partners
Various

Area of Focus
Customer Service Training

Program Description
In this program through the Center for Technology and Industry, each attendee’s uniqueness is challenged in understanding what is customer service and the role they play. What are the customers’ expectations? The training sessions include the development of two-way communication that leads to a positive resolution, utilizing verbal, non-verbal and listening skills and using professionalism to create a positive image between the company and the customer. Communication via all types of platforms (in-person, phone, email, text, Zoom etc.) is addressed. The curriculum is designed to assist the attendees in better understanding their role and develop skills related to any customer interaction. The class explores the difference between effective and ineffective customer service skills using real world models followed by discussions on solutions that would work best for each scenario. Teamwork and problem-solving skills are developed. Additional focus on identifying and understanding both the company’s and the client’s culture is reviewed. Employer partners are members of Tech Collective, a non-profit tech collaborative located in Providence, RI. Tech Collective is Rhode Island’s foremost Information Technology Association. It is a hub that unites and promotes all of Rhode Island’s tech stakeholders, including students, K-12, professionals, higher education, government and industry. This professional development program was developed as a customized Customer Service Training for IT related business and industry; however, is not limited in scope to strictly IT. Attendees have come from telecommunications, banking, manufacturing and philanthropies to name a few.

Program Contact
Doug Leigh, dleigh@neit.edu

Program Website
www.cti.neit.edu
New England Institute of Technology (NEIT)

Office of Teaching, and Learning and Office of Career Services Internships

Employer Partners
Amica Mutual Insurance, Amgen, FM Global and Woodard & Curran

Area of Focus
Mechanical Engineering, Electrical Engineering, Information Technology, Graphics

Program Description
At NEIT, all technology programs can take advantage of internships/experiential learning. All internship opportunities are coordinated through specific programs and managed by a faculty coordinator appointed by the Department Chair of the technology program of study. Over the years, NEIT students have participated in many experiential learning opportunities for most of our technical degree programs that offer for-credit internship options. Approximately 20 NEIT degree programs have optional internship courses.

Program Contact
Pat Blakemore, pblakemore@neit.edu

Program Website
www.neit.edu
New England Institute of Technology (NEIT)

Shipbuilding/Marine and Advanced Manufacturing Institute (SAMI) | Est. 2013

Employer Partners
Colonial Tool, General Dynamics, Electric Boat Division, Guill Tool and Engineering, Lavigne Mfg., Magseal, Tri-Mack Plastics, and others

Area of Focus
Manufacturing and Shipbuilding Trades and Machinists

Program Description
Housed at the Center for Technology and Industry, the SAMI program staff recruits and trains unemployed and underemployed Rhode Islanders for the private sector with funding provided by federal and state agencies. Occupational training areas include welding, ship fitting, machinists, non-destructive testing, and pipe welding. Programs range from five to ten weeks in length and operate five days a week. In addition to the relevant technical skills taught for each program, work readiness, math remediation and resume preparation are provided. Our training instructors are the primary link to employer relationships. In many cases, employers use SAMI as their primary recruitment resource. We have provided technically trained welders and machinists to more than 100 companies.

Program Contact
Fred Santaniello, fsantaniello@neit.edu

Program Website
www.cti.neit.edu
The New Hampshire College & University Council

New Hampshire Scholars

Educational Partners
87 New Hampshire High Schools

Employer Partners
More than 500 business and community leaders

Area of Focus
STEM, Arts, Career Development

Program Description
New Hampshire Scholars is a statewide program that encourages students to take a more rigorous Core Course of Study in high school. It is based on a partnership between a community’s local business leaders and its school district. The program offers three distinct pathways for students. The STEM Pathway emphasizes science, technology, engineering and math. The Arts Pathway emphasizes course work in various art classes. The Career Pathway expands traditional learning styles. Nearly every high school in New Hampshire voluntarily participates in the program, and more than 500 business and community leaders participate in a variety of ways including classroom presentations, job shadowing opportunities, internships and mentoring. New Hampshire Scholars is primarily funded through the New Hampshire Department of Education, and generous contributions are also made via corporate sponsors. Over 35,000 high school seniors have graduated as NH Scholars since 2007, including 5,600 in the Class of 2020. The program is facilitated by the New Hampshire College & University Council, a non-profit consortium of 21, public and private institutions of higher education in the state of New Hampshire. These institutions are recognized and highly regarded for their outstanding teaching, research, and community service activities and serve as major centers of activity vital to NH.

Program Contact
Scott Power, spower@nhcuc.org

Program Website
www.NHscholars.org
Northeastern University

*Associates to Masters (A2M) Biotechnology Program*

**Employer Partners**
Acorda Therapeutics, Axcella Health, Editas Medicine, EMD Serono, Genewiz, Inc., Lantheus, Mass Life Science Center, MassBioEd, Middlesex Community College, National Science Foundation, Pfizer, Sanofi, Takeda, Vertex

**Area of Focus**
STEM, Biotechnology

**Program Description**
The A2M scholarship program provides low-income students an affordable, accelerated pathway from Associates to Bachelor's to Master's (A2M) degrees in order to prepare them for success in the biotechnology workforce, given the growing demands of the regional biotechnology job market. This pathway is offered through Middlesex Community College and Northeastern University’s College of Professional Studies and College of Science. The National Science Foundation-funded A2M grant provides scholarships to support low-income and underrepresented minority students along the entire pathway from Associates to Master's, providing research experiences, industry, faculty and peer mentorship, specialized advising, and other tailored academic, career, and social supports. Students are majority female and racially diverse. Across all degree programs, the A2M cohort is 63% female, 46% of students are underrepresented minorities, and 61% of students identify as first-generation college students. The program currently has a 97% retention rate. A key component of this program is working closely with industry partners to graduate the next generation of qualified, diverse biotech professionals who are prepared to directly enter the biotech workforce.

**Program Contact**
Elizabeth Zulick, PhD, MPH, e.zulick@northeastern.edu

**Program Website**
web.northeastern.edu/nsfa2m/
Northeastern University

**Cooperative Education (Co-op)**

**Employer Partners**
More than 3,000, including Beth Israel Deaconess Medical Center, Boston Children's Hospital, Boston Scientific, EMC Corporation, Fidelity Investments, General Electric Company, Harvard University, John Hancock, IBM, Microsoft, MITRE Corporation, Partners Healthcare, Philips, State Street Corporation, Wellington Management Company, and Wayfair

**Area of Focus**
Various

**Program Description**
Northeastern University's Cooperative Education (co-op) is one of the oldest, largest and most well respected in the world. More than 11,000 university learners at all education levels participate each year with more than 3,000 corporate and non-for-profit organizational partners throughout the U.S and in more than 90 other countries. Alternating periods of full-time employment with full-time study, it is a powerful learning model that produces graduates who are critical thinkers, globally aware, confident, self-directed learners with relevant, practical experiences in multiple organizations. More than 90% of graduates are employed full time, or enrolled in graduate school, within six months of graduation. More than 50% of graduates receive a job offer from one of their previous co-op employers and 89% of graduates are employed in roles and industries directly related to their fields of study and career interests. Employer partners benefit from utilizing co-op students to complete critical tasks and projects and free up the time of current employees for other initiatives. Working in assignments that last from four to eight months, employers have a significant amount of time to assess their co-op students for future employment opportunities and for participating students to learn, grow, and make better and more informed career decisions. The University offers a full range of customized cost-effective approaches to hiring, training, evaluating, and onboarding talent.

**Program Contact**
Manny Contomanolis, PhD. e.contomanolis@northeastern.edu

**Program Website**
careers.northeastern.edu/cooperative-education
Northeastern University

Northeastern University/City of Boston Summer Jobs Partnership

Employer Partners
The City of Boston Department of Youth Engagement & Employment (YEE) and Private Industry Council (PIC), and 30+ Community Based Organizations

Area of Focus
Community Support, Social Equity

Program Description
The Summer Jobs Partnership provides impactful, virtual, project-based learning opportunities through the Northeastern/Practera platform and curriculum. Relevant and socially-driven projects are focused on issues related to Promoting Wellness During a Pandemic, Democratic Engagement, Implicit Bias & Social Equity, Local Social Media Strategy and Community Access. Summer youth workers engage in three or six week projects as part of a team that supplements approximately 10-15 hours of their internship. Projects are centered around community engagement and social support. Summer youth workers develop 21st century skills, increase career awareness and foster positive connections to their communities. Summer youth workers have the opportunity to present their projects in a virtual showcase and earn a digital badge on completion. These projects are provided by Northeastern University and monitored and supported by City of Boston mentors. Participating summer youth workers develop an understanding and practically apply foundational frameworks and techniques to a real world, socially driven project. Participants develop and apply skills in providing a clear, logical, and well-structured report on research, findings and suggested actions. They work effectively as a member of a virtual project team, developing 21st century skills and using a mix of online tools over a short timeframe. The program is intended to help develop understanding of and skills in experiential learning practice, including self-reflection, seeking, giving and receiving constructive feedback, responsibility and accountability in relation to own learning and professional practice.

Program Contact
Yvonne Rogers, y.rogers@northeastern.edu
Northeastern University

The Roux Institute

**Employer Partners**
Bangor Savings Bank, Camden National Bank, IDEXX Laboratories, L.L. Bean, MaineHealth, Sun Life Financial, The Jackson Laboratory, Thornton Tomasetti, Tilson, Unum, WEX, PTC

**Area of Focus**
Experiential Artificial Intelligence (AI), Computer & Data Sciences, Digital Engineering, Advanced Life Sciences

**Program Description**
In January 2020, Northeastern University announced the Roux Institute, a new graduate and research campus, situated in Portland, ME, designed to catalyze economic growth throughout the region. The Institute serves as a digital and life sciences hub, enabling companies to access innovation and agility through customized workforce development, new talent pipelines, and collaborations with world-leading researchers and faculty. Additional programs will focus on community-based entrepreneurship and the acceleration of early-stage ventures in Maine. Partnerships are customized to serve a business’s most pressing strategic goals and are infinitely flexible in scope and scale. Companies can co-locate, share lab space, and access cutting-edge technologies, leverage the Institute’s incubator to develop new products and services, upskill leadership and high-potential employees in forward-looking fields, and audition new talent through student internships and Co-Op programs.

**Program Contact**
Austin Williams, au.williams@northeastern.edu

**Program Website**
www.roux.northeastern.edu/
Northeastern University

Virtual Internship Program & Research

Educational Partners
Bunker Hill Community College, Middlesex Community College

Employer Partners
Beagle Learning, Booze Allen Hamilton, Credly, Learn Launch, Massachusetts Technology Collaborative, Practera, Uconnect

Area of Focus
Various

Program Description
Northeastern University is a leader in experiential learning and the Virtual Internship Program is an alternative model of experiential learning explicitly designed to address equity issues and expand access to experiential learning for non-traditional and underrepresented student populations. The Virtual Internship Program is currently being developed as a part of a National Science Foundation Research Grant. It provides institutional partners support and training as they implement a virtual internship into their undergraduate in-curricula or co-curricular programs. The Virtual Internship Program includes six and twelve-week individual and team-based program designs and a technology tool that structures the virtual internship for students, enables industry sponsors to provide invaluable feedback with ease, and provides an analytics dashboard that faculty and program coordinators use to track, manage, and quality assure the internship experiences. The Virtual Internship Program provides industry partners with the opportunity to contribute to the development of a diverse talent pipeline in New England. Industry partners provide real-world projects and professional mentoring of curriculum-aligned projects to students who would otherwise not have access to an industry engaged experiential learning program. Moreover, participation in the Virtual Internship Program contributes to the research objectives that are focused on infusing STEM curricula serving non-traditional and underrepresented minority students with experiential learning that allows for career exploration, professional network building, and 21st century skill development.

Program Contact
Nikki James, ni.james@northeastern.edu
Olin College of Engineering

SCOPE | Est. 2006

Employer Partners
Amazon Robotics, Arthur G. Russell Company, Boeing, Boston Scientific, Ford, GE Healthcare, Microsoft, Pfizer, Sonos, Toyota, Valve, Watts Water Technologies

Area of Focus
Mechanical Engineering, Electrical Engineering, Computer Engineering, Bioengineering, Robotics, Design, Prototyping, Entrepreneurship, Interdisciplinary Engineering Teamwork

Program Description
SCOPE (Senior Capstone Program in Engineering) is a unique industry-university collaboration. Over the course of a full academic year, seniors work in multi-disciplinary teams to provide innovative solutions to a real-world challenge defined by an industry sponsor. SCOPE teams have worked with major companies and organizations from the public, private and nonprofit sectors. Past projects have included everything from designing a low-cost prosthetic knee, to new approaches for optimizing product manufacturing tests, to developing AI tools for city navigation for people with visual impairments.

Program Contact
Ruth Levine, Director of Business Development, rlevine@olin.edu

Program Website
www.olin.edu/collaborate/scope
Perkins School for the Blind

Career Launch @ Perkins | Est. 2019

**Employer Partners**
Athena Health, Atrius Health, Dunkin’ Brands, Imprivata, Ora, Inc., Spaulding Rehabilitation Hospital

**Area of Focus**
Various

**Program Description**
Career Launch is an innovative training, internship and career services program helping blind and visually impaired young adults land their first career-track job. Curriculum is designed specifically to provide hands-on training and experience to build sustainable careers in professional fields focused on customer success, where exceptional interpersonal engagement is key. What sets the program apart is comprehensive career training - everything from customer service simulations and extensive Salesforce.com work to assistive tech lessons and mock interviews - that equips participants to work in any professional field where effective engagement with customers matters. Participants leave as well-rounded problem-solvers with transferable skills in areas like sales and marketing, transaction management, recruitment, client services and more. Then they receive a full year of job acquisition and coaching support from our Career Services team, ensuring their place on the path to professional success.

**Program Contact**
Deana Criess, Deana.Criess@Perkins.org

**Program Website**
www.Perkins.org/CareerLaunch
Perkins School for the Blind

Compass, a College Success @ Perkins Program | Est. 2020

Area of Focus
College and Career Readiness

Program Description
Compass gives blind and visually impaired high schoolers critical academic and blindness skills to build a foundation for a successful future. With expectations for college and career changing faster than ever, now is the time to get everyone on board to develop a plan. Compass, specifically created for 9th to 11th graders plus their families and teachers, fosters a complete educational team for each student. In this nine-month virtual program, each team works together to fill the oft-overlooked gaps in college and career prep via group sessions, workshops and individual coaching with our experts. The Expanded Core Curriculum is at the heart, with a focus on tech, academic skills, executive functioning, career exploration and planning, operations and maintenance and independent living. The goal: determine how the student’s skills match up, create a plan together to improve specific skills and, ultimately, establish independence to become empowered, successful young adults in school and career.

Program Contact
Leslie Thatcher, EdM, CollegeSuccess@Perkins.org

Program Website
www.Perkins.org/Compass
Providence College

Boisclair-Mandell Student Athlete Experiential Education Program | Est. 2017

Employer Partners
ABC6, Alzheimer’s of Rhode Island, Bipartisan Policy Center, Hospital for Special Surgery, Lifespan, Morristown Medical Center, State of RI

Area of Focus
Experiential Education for Athletes

Program Description
Boisclair-Mandell Student Athlete Experiential Education Program is a competitive career education program that was established in 2017 through a generous gift from Yvette M. Boisclair, Esq., ’84 and her husband, Mark S. Mandell, Esq., to enhance the student-athlete experience at PC in a multitude of ways. The program is open to all years, all majors to participate in an unpaid internship that is a minimum 40 hours and or maximum 200 hours.

Program Contact
Laura Pellecchia, Associate Director of Internship, lpellecc@providence.edu

Program Website
www.providence.edu
Providence College

*Gilbert V. Lavoie Science and Business Fellowship | Est. 2018*

**Employer Partners**

Any

**Area of Focus**

Science, Business

**Program Description**

Established in 2018, the Gilbert V. Lavoie Science and Business Fellowship is a highly competitive funded fellowship that was established through a generous gift from Providence College benefactors Dr. Teresa Lavoie and Dr. Thomas Vasicek. The program is open to rising Juniors & Seniors and can be a summer paid or unpaid internship with a minimum 8 weeks/240 hours.

**Program Contact**

Laura Pellecchia, lpellecc@providence.edu

**Program Website**

www.providence.edu
Providence College

Southeastern New England Educational and Charitable Foundation Internship Program

Employer Partners
The Cape Elizabeth Land Trust, Northern Rhode Island Conservation District, Save the Bay

Area of Focus
Biology, Environmental Conservation

Program Description
Internships are with private, public, or government organizations whose work is directly relevant to and supports the field of Environmental Conservation. Internships are either within or directly relevant to the geographical areas of Rhode Island and New London County, Connecticut. This is open to students in all years during the summer for an unpaid internship.

Program Contact
Laura Pellecchia, lpellecc@providence.edu

Program Website
www.providence.edu
Providence College

Veritas Distinguished Internship Program | Est. 2015

Area of Focus
Non-profit, Government

Program Description
The Veritas Distinguished Internship is a highly competitive endowed internship that was established in 2015 through a generous gift from Providence College benefactors for rising Juniors & Seniors to support a Summer Internship at a non-profit or government organization, student must participate a minimum of 8 weeks/240 hours per experience.

Program Contact
Laura Pellecchia, lpellecc@providence.edu

Program Website
www.providence.edu
Quinnipiac University

*People’s United Center for Innovation & Entrepreneurship | Est. 2018*

**Employer Partner**
People’s United Bank

**Area of Focus**
Innovation and Entrepreneurship

**Program Description**
People’s United Bank and Quinnipiac University (QU) announced a $10 million partnership in May 2018. As part of the 10-year agreement, People’s United donated $5 million to QU to support two major academic centers in the School of Business at the Center for Innovation & Entrepreneurship and the Center for Women & Business. The center is designed to tap into the expertise of successful business professionals, advanced research capabilities and its access to business capital. It also provides advisory services and workshops in legal, finance, research, marketing, design, business plan development and startup mentoring.

**Program Contact**
Fred McKinney, Frederick.McKinney@qu.edu
Julia Fullick-Jagiela, Julia.Fullick-Jagiela@qu.edu
Kiku Jones, Kiku.Jones@qu.edu
Sacred Heart University

Entrepreneurship Ecosystem | Est. 2020

Employer Partner
Techstars

Area of Focus
Innovation

Program Description
Sacred Heart University (SHU) is ramping up a new entrepreneurship ecosystem centered at the University’s West Campus, home of the university’s Jack Welch College of Business & Technology (WCBT). Using a $200,000 seed grant provided by CTNext and matched by university funds, SHU/WCBT will work with Techstars, a private-sector partner, in the development and execution of programs, outreach and growth. The new creative ecosystem will facilitate entrepreneurial programming, learning opportunities, networking and partnerships aimed at developing and promoting new student-led and private startup ventures from across the state. Activities centered on campus will focus on helping candidates acquire or strengthen entrepreneurial skills and build the foundations of their startups, with support from mentors and coaches and the University’s incubation facilities and staff. Program elements will be held at the iHub, a co-working space located at West Campus and powered by Verizon.

Program Contact
Dean Martha Crawford, crawfordm4@sacredheart.edu

Program Website
Sacred Heart University

*Verizon & SHU Innovation Center | Est. 2019*

**Employer Partner**
Verizon

**Area of Focus**
Innovation

**Program Description**
In 2019, SHU entered into an agreement with Verizon for the creation, management and operation of an innovative co-working space on SHU’s campus. This is the first time Verizon has partnered to locate a co-working space on a college campus. This space is a hub for innovation teams from large and small companies; for entrepreneurs who want to test their ideas, grow their businesses and work collaboratively in a supportive environment; and for individual professionals who want to work in a dynamic office environment. The space offers levels of membership and services that include private office space, hot desks, meeting and conference room space, events, recruiting services, marketing services and programming services. The innovation community draws on SHU faculty, staff, students and other resources to build an academic-focused environment that attracts local startups, entrepreneurs, corporations, and other forward-thinking organizations and individuals.

**Program Contact**
Tolga Kaya, kayat@sacredheart.edu

**Program Website**
www.sacredheart.edu/aboutshu/newinnovativefacilities/verizonshuinnovationcenter
Salem State University

*Cat Cove Marine Laboratory (CCML) | Est. 1999*

**Employer Partners**
Municipal Groups, Private Shellfish Growers

**Area of Focus**
Seafood Industry, Aquaculture, Marine Biology

**Program Description**
Housed within the University’s biology department, CCML supports the aquaculture and marine biology programs at Salem State and is the home of the Northeastern Massachusetts Aquaculture Center (NEMAC). The mission of the CCML is to develop research and technologies in aquaculture as well as increasing the understanding of marine organisms and ecosystems, through research, education, and outreach. In August 2016, Dr. Mark Fregeau and Ted Maney established an offshore blue mussel long line aquaculture farm through a U.S. Army Corps of Engineers (USACE) permit, covering 33 acres, seven nautical miles off Cape Ann, Massachusetts. This is the first offshore shellfish farm in federal waters on the Atlantic Coast and only the second in the country. After a successful pilot research study, Cat Cove plans to modify our permit to expand the number of longlines to a commercial scale farm. SSU researchers’ ultimate objective is to refine and enhance offshore shellfish aquaculture as an alternative fishing option for fishermen and lobstermen currently displaced or negatively impacted by current fishery restrictions by providing an incubator farm site for interested parties to try offshore quaculture. Workshops to provide fishermen and lobstermen with exposure to this potential new industry are currently underway. This site will also become a fixed monitoring station for measuring oceanographic parameters and shellfish growth dynamics.

**Program Contact**
Dean Gail Gasparich, ggasparich@salemstate.edu

**Program Website**
www.salemstate.edu/catcove
Salem State University

*Academic & Workforce Program Development | Est. 2012*

**Employer Partner**
MassHire North Shore Workforce Board

**Area of Focus**
Various

**Program Description**
The University partners with the MassHire NSWB in the development of new academic programs to ensure programs are addressing the needs of regional industries and that the curriculum reflects the most current practices in the field. Through this partnership, the University also provides training and development for industry partners and incumbent workers through the NSWB Career Centers. As part of this partnership, the University serves on the Northeast Region Workforce Skills Cabinet, which brings together workforce, education, and economic development leaders to close skill gaps in regions across Massachusetts. During facilitated working sessions, the team interprets labor market data, forms consensus on regional challenges and assets, and prioritizes regional sectors and occupations.

**Program Contact**
Lauren Hubacheck, lhubacheck@salemstate.edu

**Program Website**
www.masshire-northshorewb.com
Salem State University

Employer Relations | Est. 2012

Employer Partners
Enterprise Holdings (Enterprise Rent a Car), and others

Area of Focus
Various

Program Description
Employer relationships and engagement on campus are highly valued, and the career services staff tailors its efforts to best meet the needs of each employer. The staff works to engage, partner and collaborate with employers to build relationships that lead to successful hires and internship recruitment. The University offers free job posting services, internship and career fairs, on-campus interview opportunities, class presentations, guest speaking opportunities, resume collection, company site visits, and social media engagements among other networking and recruiting opportunities. One example of this type of partnership is with Enterprise Holdings. Enterprise recruits on campus through all events including career fair, workshops, online and social media recruiting. Over the past few year Enterprise has also supported the Career Services Business Etiquette Dinner. Providing students at Salem State University the opportunity to learn from an etiquette expert the techniques of dining over an interview.

Program Contact
Stephen Maser, smaser@salemstate.edu

Program Website
www.salemstate.edu/employers
Salem State University

*Experiential Learning in Communications: Information for Client Partners (EXPECT) Program | Est. 2000*

**Employer Partners**
Varies by year. Past partners include: Acorn Gallery School of Art, Hello Mamas, The Inner Cycle, Mannersmith, Root, Salem Main Streets, Salem Cultural Council, Wicked Art Bar, and Zumi’s Espresso

**Area of Focus**
Public Relations, Advertising and Marketing

**Program Description**
For more than a decade, the communications department has conducted an annual program called EXPECT, an experiential learning program. Through EXPECT, seniors majoring in advertising and public relations engage in supervised partnerships with non-profit organizations and entrepreneurs on Massachusetts’ North Shore that may not be able to afford professional communication services. Students provide partners with public relations, advertising and marketing services that may include: generating creative strategies for reaching a target audience; social networking; public relations outreach; writing press releases; designing newsletters; creating media kits; developing advertising plans; designing print advertisements; creating video advertisements (e.g., for YouTube); designing flyers, postcards, and other print materials; copywriting; event planning; or conducting market research. Partnering with student learners in the EXPECT program requires the partner’s commitment to set aside weekly or biweekly times to meet with student teams for feedback on plans, challenges and progress. It also involves communicating with students via email and/or telephone between meetings. EXPECT is the kind of real-world experience that is not fully possible in a traditional teacher-student classroom environment that also provides local small businesses and nonprofit organizations real assistance and expertise in communications at no cost.

**Program Contact**
Rebecca Hains, Rebecca.hains@salemstate.edu

**Program Website**
Salve Regina University

Introduction to Econometrics | Est. 2016

Employer Partners
City of Fall River Vietnam Memorial Wall Committee, City of Newport Cliff Walk Commission, Naval Undersea Warfare Center

Area of Focus
Applied Econometrics

Program Description
The focus of the experiential learning partnership is applied econometrics, providing quantitative answers to quantitative economic impact and policy questions. Coordinated through Salve Regina University’s Center for Business Outreach and implemented through Professor Sam Sacco’s ‘Introduction to Econometrics’ class, Salve business students partner with local organizations that commission the students to conduct economic impact studies on their behalf. Students are enlisted by a local or regional public or private client and act as a class consulting team for a real-life economic impact policy issue. Coupled with primary and secondary research, the econometric principles are applied to develop a thorough analysis and series of recommendations that are presented to the client, interested civic groups and governmental agencies. Past clients have included the Naval Undersea Warfare Center, the Newport Cliff Walk Commission, the Fall River Vietnam Memorial Wall Committee, and Salve Regina University.

Program Contact
Samuel Sacco, Samuel.sacco@salve.edu

Program Website
Southern New Hampshire University

Duet Partnership | Est. 2013

Educational Partners
Duet

Area of Focus
Higher Education, Educational and Career Coaching, Project-Based Learning

Program Description
Southern New Hampshire University partnered with Duet, its first community partner, in 2013. Together, SNHU and Duet offer highly flexible and affordable degree programs paired with on the ground educational, financial, and career coaching for learners in greater Boston and Manchester. Students can pursue a liberal arts degree through SNHU’s competency-based program while receiving wraparound services and daily support from Duet. In this project-based learning model there are no limits to how many credits learners complete in a semester. The more work learners complete, the sooner they graduate and the less they pay for their degree.

Program Contact
Liz Marino, liz.marino@duet.org

Program Website
www.duet.org
Southern New Hampshire University

Project Atlas | Est. 2018

Area of Focus
Projected-Based Learning

Program Description
Project Atlas, piloted in fall 2018, combines competency-based learning (CBE) with the residential campus experience at SNHU. Traditional aged learners in the program have the opportunity to live on campus, participate in clubs and activities, and connect with academic coaches while completing their coursework online through SNHU’s competency-based program. Through the integration of project-based learning and the coming of age experience, Project Atlas seeks to explore questions around efficacy and suitability of this approach for traditional age students, as well as learning how CBE can be better or differently designed to take advantage of a residential environment, and to pilot possible lower cost models of traditional, residential education. Through insights from independent research and surveys, we found that Project Atlas and traditional campus learners have statistically comparable learning outcomes, engagement, and coming-of-age experiences. Additionally, Project Atlas can deliver the on-campus experience at approximately $12,500 less per year than SNHU’s traditional higher education delivery.

Program Contact
Jennifer Share, Executive Director, j.share@snhu.edu

Program Website
www.snhu.edu
Suffolk University

Moakley Center for Public Management | Est. 1973

Employer Partners
Diverse employers in the public sector

Educational Partners
Boston Public Schools, Public High Schools in 77 Communities in Greater Boston, Private Industry Council (Boston PIC)

Area of Focus
Public Management and Service

Program Description
Suffolk University’s Moakley Center for Public Management is actively engaged in the local community, fostering public discourse, supporting and advising community organizations and providing educational opportunities to build human capital in the public service industry. Our current agenda includes certificate programs in partnership with Home Care Alliance of Massachusetts, Boston Police Department, Latino Health Institute/Haitian Multi-Service Center, Massachusetts Municipal Association, Eunice Shriver Center, Massachusetts Association of C766 Approved Private Schools, and the Massachusetts Human Services Providers Council. In partnership with the Department of Children and Families (DCF) and Communities for People (CFP), the Moakley Center is expanding its two youth job programs “Summer iWorks and Job Opportunity Boston” matching dozens of eager teens with meaningful employment opportunities.

Program Contact
Sandy Matava, Director, mmatava@suffolk.edu

Program Website
www.suffolk.edu/business/undergraduate/13812.php
Suffolk University

**Suffolk University Job Shadowing Program | Est. 2016**

**Employer Partners**
Akebia Therapeutics; Allways Health Partners; Autodesk; Baker Newman Noyes; Belmont Council on Aging; Benchmark Living; Blueleaf Wealth; BNY Mellon; Boston Public Schools; Bridge International Academics; CBT; Century Bank; Chelsea Police Department; City of Boston; Commonwealth of Massachusetts; Community Resources for Justice; Creative Chaos; Dewing Schmid Kearns; DPA Communications; Edelstein & Company; Ellevation Education; Enterprise; Fairbanks Energy Services; Fitch Law Partners; Hanover Insurance; Harbor Health Services; Heading Home; InkHouse; Isaacson, Miller; LinkedIn; Lux Research Inc.; Manulife Asset Management; MassChallenge; Massachusetts General Hospital; Pearson; Pierre Frey; Rise North Capital; Servier Pharmaceuticals; Semafone; Stantec; State Street Global Advisors; The Sports Museum; Weichert Workforce Mobility; Wells Fargo, Wevo

**Area of Focus**

**Program Description**
The Job Shadowing Program provides undergraduate and graduate students from all class years and majors with a valuable inside look at companies, occupations, and industries. During spring break, students spend one day in professional settings hosted by Suffolk University alumni and employer partners. Shadowing allows students to expand their network, explore future career opportunities, learn about workplace culture, understand key skills and qualifications required in their target fields, and gain insights into the job and internship search process. As a result of participating in the program, some students have also received internships and job offers. Employers and alumni appreciate the opportunity to mentor current students and identify future talent.

**Program Contact**
Lauren Gray, Lgray3@suffolk.edu

**Program Website**
www.suffolk.edu/careers
Texas Instruments

Biomanufacturing Education and Training Center | Est. 2011

Employer Partners
Sanofi Genzyme, GE Healthcare, Takeda, Lonza, Eppendorf, Roche Biotech, Applikon, Pall, WL Gore, Levitronix, and more

Area of Focus
Upstream and Downstream Processing, Fundamentals of Bioprocessing, Animal Cell Culture, Quality by Design for Biopharmaceuticals, Microbial Fermentation, Column Packing, Biomanufacturing for the Non-Specialist

Program Description
The Biomanufacturing Education and Training Center (BETC) at WPI is where biotechnology professionals gain an edge. It’s an innovative partnership between academia and industry that creates customized workforce development solutions for forward-thinking biotechnology companies across the region and around the world. Whether you’re an employee expanding your skill set or a manager developing your team, the BETC has what you need. The first of its kind in New England, the 10,000-square-foot facility is where theory is put into practice and hands-on training fosters real growth. Some of the world’s foremost biotechnology and biopharmaceutical firms—those that recognize the unique value of a highly trained technical staff—have benefited from our programs.

Program Contact
Ryan Brennan, betc@wpi.edu

Program Website
https://wp.wpi.edu/betc/
Texas Instruments

Semi High Tech U | Est. 2018

Educational Partners
SEMI Foundation, SMCC, University of Southern Maine – Gorham

Employer Partners
ON Semiconductor, Texas Instruments

Area of Focus
Science, Technology, Engineering, and Mathematics (STEM)

Program Description
Our High Tech U (HTU) is a three-day program for high school students who want to know more about careers in the tech industry. Students put science, engineering, technology, and math (STEM) skills to use during hands-on workshops led by industry volunteers. All workshops are activity-based and taught by tech professionals and include: Light up the room with an experiment facilitated by an engineer; Make your own wafer with a manufacturing engineer; Launch hacky sacks with quality engineers to see the importance of statistics; Become a human calculator to see how logic gates work; Interview with a tech recruiter or manager to learn how to get the job you want; Flex your teamwork skills to solve a real-world problem. In addition to seeing the connection between STEM classes and tech careers, students hear from industry professionals about their school-to-work journeys.

Program Contact
Bryson Gauff, bgauff@semi.org

Program Website
Trinity College

Trinity-Infosys Applied Learning Initiative | Est. 2018

Employer Partner
Infosys

Area of Focus
Technology

Program Description
Infosys, a global leader in consulting, technology and next-generation services, has an exclusive partnership with Trinity College to create new educational programs that prepare liberal arts students and Infosys employees for the digital workplace of the future. This multi-year collaboration established a Trinity-Infosys Applied Learning Initiative, which provides learning opportunities for Trinity College students, engages faculty and alumni, and offers training for Infosys employees. The two organizations team up to co-develop content, building on Trinity College’s core strengths in the liberal arts while developing capacities in technology and innovation that draw on digital content and real-world case studies from Infosys. The collaboration also explores continuous learning opportunities for Infosys employees and Trinity alumni; such as the Tech-Edge summer bridge program for liberal arts students from Trinity and elsewhere to acquire in-demand skills in technology-led innovation; and jointly designing and piloting new digital technologies to advance a liberal arts education.

Program Contact
Thalia Giraldo, thalia.giraldo@trincoll.edu

Program Website
www.trincoll.edu/news infosys-and-trinity-college-announce-partnership/
Tech-Edge: https://www.trincoll.edu/tech-edge/
Tufts University

*Tisch College of Civic Life and Tisch Summer Fellows*

**Employer Partners**

Asian American Resource Workshop, Asian Community Development Corporation, Cambridge Health Alliance, Chinese Historical Society of New England, City of Boston, City of Cambridge, City of Medford, City of Somerville, Enroot, Greater Boston Legal Services, Josiah Quincy Upper School, Jumpstart, MassCOSH, MASSCreative, Massachusetts Office of Immigrants and Refugees (MIRA Coalition), MassVOTE, Massachusetts Voter Table, Mystic River Watershed Association, Office of the Attorney General, Oxfam, Somerville Community Corporation, Southern Jamaica Plain Community Health Center, Spaulding Rehabilitation Adaptive Sports, The Welcome Project, and WGBH.

**Area of Focus**

Civic and Political Engagement

**Program Description**

The Tisch Scholars is a unique leadership development program that combines academic coursework, fieldwork in local communities, skill-building, and critical reflection. Scholars acquire the values, knowledge, and skills that they need to address pressing social issues and effect meaningful change while building a supportive community to strengthen civic engagement at Tufts University and beyond. Current first-years and sophomores are welcome to apply, though the Scholars program is designed to have the strongest impact on students who participate for the full three years. Students apply for the program in early Spring, and accepted Scholars participate in a May retreat. Beginning in the Fall term, first-year Scholars take a yearlong Fieldwork Seminar while engaging in a community service or research project with a local partner organization. As they advance through the program in subsequent years, continuing Scholars strengthen their leadership skills and build capacity in local communities and on campus by taking on projects of greater complexity and responsibility. Third-year Scholars will develop a culminating capstone project. The Tisch Summer Fellows (TSF) program offers substantive full-time paid summer internships that allow Tufts students to gain real-world skills, grow their networks, and explore career paths while building stronger communities on a local, national, or international level. TSF fellowships are available for undergraduate, graduate, and professional school students. The Massachusetts TSF program partners with 60+ employers in the greater Boston area.
University of Hartford

Barney School of Business Strategic Industry Clusters:
Experiential Learning | Est. 2019

Employer Partners
Amazon, Hartford Financial Services Corp., Hubbell, Inc., Travelers Insurance

Area of Focus
Finance, Insurance, Entrepreneurship, Management, Accounting

Program Description
Through industry, community, and organizational partnerships, the Barney School of Business works with other colleges to combine traditional learning opportunities with practical, hands-on experiences. Partner initiatives fall into four industry clusters: Actuarial, Risk Management & Insurance (ARMI); Entrepreneurship & Innovation (E&I); Supply Chain & Operations (SCO); and Accounting & Tax (A&T). These clusters draw together engaged students, faculty, external partners, and affiliated University of Hartford organizations (e.g., Entrepreneurial Center and Women’s Business Center), who leverage experiential learning to foster innovation in the community. Faculty and students engage in real-world, innovative projects and other external collaborations that generate tangible impact for industry and partners.

Program Contact
Kevin Sweeney, Assistant Dean, ksweeney@hartford.edu
University of Hartford

College of Engineering, Technology & Architecture (CETA) Mentoring and Networking for First-year Students | Est. 2017

Employer Partners
AECOM, Electric Boat, Gilbane, Jackson Lab, JCJ Architecture, Medtronic, Pratt & Whitney, and Whiting-Turner

Area of Focus
Engineering, Technology and Architecture

Program Description
Professional mentoring provides students the opportunity to learn how to focus their academic coursework, extracurricular activities, and internships on their career objectives. Within six weeks of arriving on campus, all freshman engineering, technology, and architecture students meet one-on-one with a professional mentor for 15 to 20 minutes to review their resume and discuss their interests. Students are encouraged to maintain this relationship and to continue to attend networking events where they are able to meet professionals from a wide range of fields with various roles and responsibilities. These ongoing mentoring and networking events are now being complemented by having upper-level students connect in a focused way with professionals in their field of interest. It is through this emphasis on strong technical background with the importance of personal relationships that gives our students the tools to find and excel at internship and full-time positions.

Program Contact
Dr. David Pines, pines@hartford.edu
University of Hartford

*Resume Boot Camp*

**Employer Partners**
Bauer, Connecticut Department of Labor, CT Office of the Art, General Dynamics, Freeman Companies. HAI Group, Hubbell, JCJ Architecture, Kelly Services, ProHealth Physicians, Soma Tech Inc., Travelers, Whiting Turner, Travelers, Symetra

**Area of Focus**
Career Development

**Program Description**
Employers meet one-on-one with students to review resumes and offer feedback on format, content and presentation. Students have the opportunity to ask questions about the company/industry while gaining valuable feedback on their resumes. Employers meet with students and assess their capabilities, while raising the visibility of their companies and brands. They also enjoy the opportunity to meet and network with other employers.

**Program Contact**
Kate Hohenthal, hohenthal@hartford.edu
University of Massachusetts Boston

Sanofi Genzyme Student Success Partnership | Est. 2013

Employer Partner
Sanofi Genzyme

Area of Focus
STEM

Program Description
The Sanofi Genzyme Partnership is a collaboration between the Sanofi Genzyme Corporation and UMass Boston's College of Science and Mathematics. A $1 million gift over five years, the partnership supports freshman student success programs, Undergraduate and Pre-Doctoral Graduate Fellowships, and research opportunities that promote the next generation of STEM workforce - furthering cutting edge undergraduate and graduate student research in life sciences. One key component is the partnership trains diverse populations, increasing the number of STEM graduates who are women and people of color.

Program Contact
Matt Fenlon, matthew.fenlon@umb.edu

U-54 Research Education Core | Est. 2003

Employer Partner
Dana-Farber/Harvard Cancer Center

Area of Focus
Healthcare

Program Description
The UMass Boston Dana-Farber/Harvard Cancer Center partnership allows collaboration on research aimed at addressing issues of cancer health disparities in disenfranchised populations by creating information and resources to close the gap. UMass Boston and DF/HCC is achieving this goal through the development of a robust Cancer Outreach Program that integrates research with culturally responsive prevention and educational activities; continued development of rigorous, collaborative cancer and disparities-related research; and expansion of the cancer training opportunities for underrepresented minority (URM) students, fellows, and scientists. The partnership connects UMass Boston researchers with clinicians and researchers at DF/HCC and provides opportunities for UMass Boston students to engage in cancer-related, mentored research experiences.

Program Contact
Matt Fenlon, matthew.fenlon@umb.edu

Program Website
www.umb.edu/u54
University of Massachusetts Dartmouth

UMass Dartmouth SouthCoast Development Partnership Education Attainment Initiative | Est. 2012

Employer Partners
South Coast Hospital Group, Bay Coast Bank, Bank Five, Bristol County Savings Bank, NSTAR, Bristol County Chamber of Commerce, SouthCoast Chamber of Commerce and many others

Educational Partners
University of Massachusetts Dartmouth, New Bedford Public Schools, Fall River Public Schools

Area of Focus
Increasing educational attainment by reducing regional dropout rates and increasing the percentage of college-educated citizens

Program Description
The SouthCoast Development Partnership, regional coalition of business, civic and education leaders based at UMass Dartmouth, recognizes that education and economic development are inextricably linked. The partnership has made education attainment one of three primary initiatives, along with economic development and workforce readiness. This is because the SCDP members -- including several school superintendents, mayors, CEOs -- strongly believe excellent economic development strategies and business environments are only effective at attracting business when they are accompanied with a highly educated workforce. The SouthCoast needs to achieve higher levels of educational attainment and must retain those who are educated in the region. The SCDP is focused on education at all levels, ranging from elementary school through post graduate levels.

Program Contact
Hugh Dunn, Director, hdunn1@umassd.edu

Program Website
www.southcoastpartnership.org/action/educational-attainment/
University of Massachusetts Lowell

Energy Innovation Institute | Est. 2019

Educational Partners
University of Texas at Dallas

Employer Partners

Area of Focus
Lean Energy, Engineering, Advanced Materials & Manufacturing, Research, Energy Innovation, Education

Program Description
The Energy Innovation Institute (E2I) brings together all of UMass Lowell’s energy resources, including the research of over 50 faculty members, millions of dollars in funding, impactful partnerships, and dedicated students. The goal of the E2I is to build a nationally recognized academic and research hub for energy innovation in the City of Lowell through collaboration with other UMass campuses, corporate partners, clean tech startups, and government stakeholders. UMass Lowell is well-positioned to become a major research and development partner and supplier of highly qualified workers for companies in this rapidly growing and dynamically changing energy sector. The institute will bring together a dynamic group of faculty, entrepreneurs and researchers that encompasses the diversity of the New England institutions to work collaboratively with regional, national and international partners to address the national and global challenges of energy and environmental sustainability.

Program Contact
Mary Usovicz, Mary_AnknerUsovicz@uml.edu

Program Website
www.uml.edu/Energy
University of New England

Aquaponics Food Production Digital Badge | Est. 2019

Employer Partner
Boothbay Sea and Science Center, Educate Maine/Focus Maine Internship Experience, Maine Aquaculture Industry Employers

Area of Focus
Maine Aquaculture

Program Description
University of New England’s (UNE) aquaculture faculty offers a co-curricular Aquaponic Food Production digital badge that supports students in developing skills in how to design and maintain an aquaponics system and recirculating aquaculture system. Undergraduate students apply concrete skills learned through the digital badge curriculum to apply aquaponics and recirculating aquaculture knowledge and critique to real world situations, in collaboration with local employer partners within Maine’s aquaculture sector. In addition, aquaculture faculty in collaboration with the UNE Office of Career Services and College of Arts & Sciences Internship Office are actively engaged in collaborative efforts with Educate Maine/Focus Maine Internship Experience and Boothbay Sea and Science Center to expand experiential learning activities with the goal to develop trained, skilled and workforce ready graduates in the aquaculture industry. Skill areas include growers (shellfish, finfish, sea vegetables), processing, and distribution and sales.

Program Contact
Jeri Fox, Associate Professor, jfox@une.edu
University of New England

Center for Digital Health | Est. 2020

Employer Partner
Senscio Systems

Area of Focus
Digital Health

Program Description
The University of New England (UNE) partners with Senscio Systems to provide first year UNE Physician Assistant (PA) students with a clinical rotation using telehealth to provide patient services. Senscio offers its members a tablet product called Ibis, where members can input their temperature, blood pressure, and other health information, and a virtual care team analyzes the data and meets with members virtually to discuss their health and goals. UNE PA students engage with Senscio’s older adult member population under the guidance of licensed clinicians, interpreting data and providing wellness checks over the phone. The goal of this partnership is to provide students an opportunity to use telehealth apps before entering the workplace, an important technology skill now being utilized by many healthcare providers, and especially important during the global pandemic. The partnership provides both experience and technical knowhow for UNE students and provides a potential pipeline of employees for Senscio systems across New England states. There are goals to further expand this Senscio Systems partnership to other healthcare profession disciplines within the UNE Westbrook College of Health Professions (WCHP) as well as partner with additional local providers to provide additional digital health services for the Southern Maine community.

Program Contact
Nan Solomons, nsolomons@une.edu
University of New England

Saco River Salmon Restoration Project | Est. 2019

Employer Partner
Saco Salmon Restoration Alliance & Hatchery

Area of Focus
STEM

Program Description
Alongside decades of successful working relations that includes student volunteering, academic internships, and field studies, the University of New England (UNE) has partnered with the Saco Salmon Restoration Alliance and Hatchery (SSRA&H) for a 10-year project that hopes to see a spawning population of Atlantic Salmon return to the Saco River. The SSRA&H will provide broodstock salmon to UNE each year. The students and staff of UNE will spawn the fish on campus during the fall, and then return the fertilized eggs to the SSRA&H where they will continue to develop until they are ready to be placed in local tributaries along the Saco River. Students engaged in this project will have the opportunity to work in facilities both at UNE and the SSRA&H learning the biology of endangered Atlantic salmon, habitat restoration methods, animal husbandry skills, spawning techniques, system maintenance, and lab and hatchery management to prepare them for careers in biology, fisheries, or the aquaculture industry.

Program Contact
Aurora Burgess, aburgess5@une.edu
University of New England

Undergraduate Healthcare Leadership Program | Est. 2011

Employer Partner
Daniel Hanley Center for Health Leadership, Maine Healthcare Organizations

Area of Focus
Healthcare

Program Description
The University of New England, with a strong focus on healthcare education, along with other colleges and universities in Maine, partners with the Daniel Hanley Center for Health Leadership in the recruitment, application preparation, and selection of Maine resident students, or students with long-standing ties to Maine, for the Center’s summer Undergraduate Healthcare Leadership Program. Students with health-related career interests are provided leadership development, paid summer internships across the state, and mentoring toward securing healthcare jobs in Maine while supporting Maine’s healthcare workforce needs. The program offers opportunities not only for undergraduate students interested in medicine, dentistry, and similar health professions, but also for those pursuing health science research, health education and promotion, health care business administration, and the growing field of health informatics. Faculty and professional staff across the university are involved in promoting the program and recruiting applicants, and the Pre-Health Advisor, Career Services, and writing specialists from the Student Academic Success Center assist students in preparing competitive applications. The Pre-Health Advisor is also part of the state-wide review and selection committee. In 2011, the UNE CAS Internship Office partnered with the Center to help establish the program and UNE remains committed to its success.

Program Contact
James Gaffney, jgaffney@une.edu

Program Website
www.hanleyleadership.org/leadership-courses/healthcare-leadership-internship/
University of New Hampshire

Center for Advanced Materials and Manufacturing Innovations (CAMMI) | Est. 2017

Educational Partner
Multiple

Employer Partner
Multiple

Area of Focus
Manufacturing

Program Description
The Center for Advanced Materials and Manufacturing Innovation (CAMMI) is an entryway into the University of New Hampshire for companies to share their challenges and explore collaboration opportunities. The center’s goal is to make CAMMI a trusted and efficient partner for small- and medium-sized enterprises (SMEs), as well as large national and international corporations.

Program Contact
Brad Kinsey, Brad.kinsey@unh.edu

Program Website
www.ceps.unh.edu/CAMMI
University of New Hampshire

Joan and James Leitzel Center for Mathematics, Science, and Engineering Education | Est. 2005

Educational Partner
Citizen Science Networks, Colleges and Universities, K-12 Teachers and Schools

Employer Partner
Various

Area of Focus
STEM Student Recruitment and Retention, STEM Teacher Professional Development, STEM Academic and Professional Pathways, Broadening Participation in STEM

Program Description
The Joan and James Leitzel Center for Mathematics, Science, and Engineering Education at UNH works to transform education in mathematics, science, and engineering in elementary and secondary schools, and in non-formal settings through high quality research, carefully examined practice, and interdisciplinary collaboration. The Joan and James Leitzel Center facilitates partnerships and initiate programs with the goal of developing educators’ knowledge of science, mathematics, and engineering concepts, along with human learning strategies, developing learners who experience the joy of discovery and the challenge of understanding; providing learning environments that support active engagement.

Program Contact
Sandy Coit, sandy.coit@unh.edu

Program Website
www.leitzelcenter.unh.edu
University of New Hampshire

Area of Focus
Survey Research

Program Description
The UNH Survey Center is a full-service academic survey research center for academic, government, not for profit, and business research. It conducts telephone surveys (42 station CATI system), web surveys, mail surveys, and focus groups.

Program Contact
Andrew Smith, Director, andrew.smith@unh.edu

Program Website
www.cola.unh.edu/survey-center

InterOperability Lab | Est. 1988

Area of Focus
Networking and Data Communications

Program Description
The University of New Hampshire InterOperability Laboratory (UNH-IOL) tests networking and data communications products. The university established the laboratory with the dual mission of providing a neutral environment to foster multi-vendor interoperability and conformance to data communications networking standards, while educating students for future employment in the industry. With 150 corporate members, the laboratory has become the industry’s premier independent proving grounds for new technologies.

Program Contact
Jeff Lapak, Jeffrey.Lapak@unh.edu

Program Website
www.iol.unh.edu
University of New Hampshire

John Olson Advanced Manufacturing Center
(The Olson Center) | Est. 2018

Educational Partner
Multiple

Employer Partner
Multiple

Area of Focus
Manufacturing

Program Description
The Olson Center is designed to help bridge the skills gap in the nation’s $1.7 trillion manufacturing industry and serve as a home for academically derived technology incubators, with particular focus on high precision machining, light materials, flexible electronics and Industry 4.0. The Olson Center introduces students to innovative manufacturing technologies and allows visualization of manufacturing concepts to complement the skills learned in traditional classroom settings. It will serve as a pipeline for trained, skilled workers who will be able to successfully step into the state’s manufacturing sector with practical knowledge and experience.

Program Contact
Brad Kinsey, Brad.Kinsey@unh.edu

Program Website
www.ceps.unh.edu/olsoncenter
University of New Hampshire

Professional Development & Training K-12 Educator
Professional Development | Est. 1970

Educational Partner
University of New Hampshire

Employer Partners
K-12 Public and Charter Schools, New Hampshire Department of Education

Area of Focus
Elementary & Secondary Education

Program Description
UNH Professional Development & Training (PD&T) is dedicated to enhancing the professional knowledge and skills of individuals and organizations by providing a variety of noncredit, continuing education workshops, conferences, certificates, online courses, and custom training programs. PD&T is a leader in the state and region in offering diverse and comprehensive training opportunities for K-12 educators with a focus on general education topics, language arts & literature, math & science, special education & paraprofessionals, counseling, and social work. Recent new initiatives include customized programming around remote learning curriculum and strategy, technology in the classroom, suicide prevention, and support for educators coping with stress. In total, PD&T offers over 200 classroom and online programs that engage over 2,000 educators on an annual basis.

Program Contact
Michael Mengers, michael.mengers@unh.edu

Program Website
www.training.unh.edu
University of New Hampshire

University of New Hampshire Youth Programs

Educational Partners
Various

Employer Partners
Various

Area of Focus
Academic Enrichment, Arts, Athletics, Recreational Activities, STEM

Program Description
UNH youth programs typically reach over 9,000 youth in summer offerings alone. Students enroll from New Hampshire, across the U.S., and internationally. Programs encompass a broad range of focus areas for youth from pre-K through grade 12 in over 60 summer learning opportunities. Additional learning for youth also happens during the academic year. These youth programs are an important aspect of UNH’s outreach mission in providing meaningful educational opportunities to youth. We engage young learners to expand their knowledge and skills through hands-on and thought-provoking activities. These programs incorporate lifetime learning aptitudes for students to utilize when entering the next phases of their lives - higher education, the workforce - as well as healthy, everyday life skills.

Program Contact
Cathy Leach, cathy.leach@unh.edu

Program Website
www.unh.edu/youthprograms/
Worcester Polytechnic Institute

*Corporate & Professional Education | Est. 1949*

**Employer Partners**
General Dynamics Mission Systems, General Dynamics Electric Boat, United Technologies Corporation, MITRE, Lockheed Martin, BAE Systems, National Grid, Takeda, GE Healthcare

**Area of Focus**
Master of Engineering and Master of Science Programs

**Program Description**
One of the most effective ways to attract and retain high-potential talent in competitive industries is to invest in employee educational and professional development. WPI collaborates with business leaders to create customized graduate programs for their companies that satisfy knowledge and skill gaps specific to their workforce. WPI delivers these programs either on-site, online, or through a hybrid of the two, depending on the individual needs of each organization. Employees benefit from learning alongside their colleagues and finding solutions together for the problems they face on the job every day. Plus, they benefit from the leading-edge research happening on our campus every day, and from the professors who bring both industry and pedagogical experience to their instruction.

**Program Contact**
Stacy Chiaramonte, cpe@wpi.edu

**Program Website**
www.wpi.edu/offices/corporate-professional-education
Worcester Polytechnic Institute

*PracticePoint | Est. 2017*

**Educational Partner**
UMass Medical School

**Employer Partners**
GE Healthcare, Boston Scientific, MITRE, Massachusetts Technology Collaborative, and more

**Area of Focus**
Medical Cyber-Physical Systems; Surgical Robots; Medical Imaging and Image-Guidance; Sensing, Actuation, and Control of Medical Devices; Wearable Robotics; Cybersecurity for Medical Devices; Data Analytics for Clinical Decision Support

**Program Description**
PracticePoint is a new membership-based research, development, and commercialization alliance at WPI. The focus of PracticePoint is healthcare, specifically smart and secure medical devices that interact with the physical world to improve the promise of patient-centric care. This innovative space is composed of various suites where products can be created, tested, and improved. This includes a residential care suite designed to mimic a home setting with integrated support for research activities and a motion capture suite, designed for high-precision tracking of objects across a 600-square-foot area. In 2020, the space will expand to include a hospital care environment, including MRI and operating room suites, as well as a manufacturing and prototyping space with access to 3D printing, electronics fabrication, and a machine shop. PracticePoint offers membership at a variety of levels that make this innovative space accessible to everyone from start-ups to larger healthcare companies.

**Program Contact**
Gregory Fischer, PracticePoint@wpi.edu

**Program Website**
www.wpi.edu/research/core-research-facilities/practicepoint
Worcester Polytechnic Institute

*Laboratory for Education and Application Prototypes (LEAP) | Est. 2018*

**Educational Partner**
Quinsigamond Community College, SUNY Polytechnic Institute in Albany, NY

**Employer Partners**
Advanced Integrated Manufacturing in Photonics Institute

**Area of Focus**
Integrated Photonics

**Program Description**
Worcester Polytechnic Institute (WPI) and Quinsigamond Community College (QCC) have launched a Laboratory for Education and Application Prototypes (LEAP) facility. As part of the national American Institute for Manufacturing initiative (AIM Photonics), LEAP@WPI/QCC supports the integrated photonics rapid prototyping and manufacturing sector in Central Massachusetts and provides an on-ramp to the national ecosystem. Industry partners in the photonics sector can leverage this advantageous working structure at the associate level (with QCC), the undergraduate level, and the graduate level to develop an organization’s talent pool, accelerate a project, or simply innovate in any interest related to the integrated photonics supply chain. In addition to project-based learning partnerships, LEAP@WPI/QCC will offer expanded design, functionalization, and characterization capabilities—including training in collaboration with AIM Photonics, AIM Photonics Academy, other LEAP facilities, and the Massachusetts Technology Collaborative.

**Program Contact**
Douglas T. Petkie, leap@wpi.edu

**Program Website**
www.wpi.edu/research/core-research-facilities/leap
Worcester Polytechnic Institute

Sponsored Projects

Educational Partner
UMass Medical School

Employer Partners
AbbVie, Angelo Gordon, Bose Corporation, Boston Scientific Corporation, MilliporeSigma, Pfizer, Inc., The MITRE Corporation, NVIDIA, UTC, Waters Corporation

Area of Focus
Project-based Learning

Program Description
WPI’s distinctive approach to project-based learning transforms bright students into thoughtful, action-oriented problem solvers who hit the ground running. Sponsors of a project get to engage the fresh perspective and technical skills of a dedicated student team, guided by top-notch faculty, to tackle business challenges. Sponsors from the private sector, government, and non-profit organizations are integral partners in providing a real-world educational experience for WPI students. Sponsored projects require a project concept from the sponsoring organization and a commitment to mentor and support the students. The faculty and sponsor work together to scope the project and create benchmarks for the students with the work leading to a final presentation. A formal agreement is required to establish the parameters of the partnership between the organization and WPI.

Program Contact
David Orrendahl, dbo@wpi.edu

Program Website
www.wpi.edu/employers-partners
Cover photos courtesy of Autodesk, Bunker Hill Community College, Johnson and Wales University, Providence College, and University of New Hampshire.