

THE
NEW ENGLAND
COUNCIL

**Partnerships for the
Talent Pipeline:**

Directory of New England
Higher Education & Industry
Partnerships

October 2016

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.

To highlight some of the successful industry-education partnerships in our region, The New England Council has worked with our members to collect information on partnerships with employers and industry groups that are designed to develop a skilled talent pipeline. 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 be a useful resource to policymakers and other stakeholders, and will encourage employers and educational institutions to continue 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,

A handwritten signature in cursive script that reads "James T. Brett". The signature is written in black ink and is positioned above the printed name.

James T. Brett
President & CEO
The New England Council

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Becker College

Massachusetts Digital Games Institute *est. 2011*

Employer Partners: Adobe, Blackberry, BlueSnap, Boston Festival of Indie Games, Boston Indies Boston Unity Group, Entertainment Software Association Foundation, Games Circle, Gamesville, Great Eastern Tech, Greenberg Traurig, GSN Games, Happy Giant Media, Hitpoint, Huminah Huminah, Indie Game Collective, Internap, International Game Developers Association, Lycos, MassTLC, Microsoft, Morse Barnes-Brown Pendleton, Muzzy Lane, Overdriver, PaxEast, Perforce, Pileated Pictures, Pimsleur, Roadhouse Interactive, Rockstar New England, The Innovation Institute, Turbine, Vivox, Wacom, WB Games

Area of Focus: Digital Games

Program Description: The Massachusetts Digital Games Institute (MassDiGI) is an initiative started by academia, Massachusetts state government, and the gaming industry to create a space for students to become more engaged with industry. MassDiGI works with industry partners on various gaming and coding projects to facilitate the growth of the talent pipeline into the gaming industry. MassDiGI is the state-wide center, designated by the Commonwealth, for entrepreneurship, academic cooperation and economic development across the Massachusetts digital and video games ecosystem. The goal of the MassDiGI program is to enhance the relationship between higher education and the game industry. MassDiGI is made up of seven separate programs that work in different ways to support students' education in digital gaming. Working with industry partners, MassDiGI's Live Code gives college and university game development students the opportunity to work on real games in the market.

Program Contact: Timothy Loew, timothy.loew@massdigi.org

Program Website: <http://www.massdigi.org/>

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, gjfine@bu.edu

Program Website: <http://www.bu.edu/eng/current-students/epic/>

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: <http://www.bu.edu/questrom/graduate/graduate-programs/msms/>

Boston University (cont.)

Questrom School of Business MBA Challenge Program

Area of Focus: Business

Program Description: The BU Challenge Project is a field and classroom based experience for second year MBA students. The challenge allows students to hone business and problem solving skills within the context of a consulting for a company or non-profit. The students work in teams of three to five to prepare a scope of services followed by execution of a plan and deliverables. Sample projects include: a business feasibility study, a market analysis and/or customer analysis, an individual donor plan, a revised budget template with three year annual budget projections, analysis of carbon footprint, analysis of GRI reporting capability, a capital plan, analysis of accounting software programs, review, analysis and recommendations for a specific operation (reservations, client or customer flow, residential facility maintenance, transportation, etc.).

College of Engineering Senior Design Project *est. 2006*

Area of Focus: Electrical and Computer Engineering

Program Description: The Senior Design Project is a team capstone project completed by all College of Engineering students. The projects include designing and prototyping a product, electronic device, or software system. The teams of students work with real business problems. The project involves a written proposal, two design reviews, and finally producing prototypes of their products. Students present their projects to faculty, staff, and other students.

Program Website: <http://www.bu.edu/ece/undergraduate/senior-design-project/>

Brown University

BrownConnect *est. 2014*

Employer Partners: Various Brown University Alumni

Area of Focus: Various

Program Description: BrownConnect is a program at Brown University that links first- through third-year students with intern and research opportunities. BrownConnect is an online database that allows students to search for relevant experiential learning openings, as well as for financial aid options for internships that are unpaid or low-paid. The BrownConnect database is available to all students and has served over 8000 students. The database includes an alumni connection aspect through which current students can search for alumni in their field and email them for advice on how to gain relevant experience. The goal is to increase the number of high-quality summer internships and research opportunities available to Brown students through partnerships and access to a global network of alumni, parents, and friends.

Program Contact: Aixa Kidd, aixa_kidd@brown.edu

Program Website: <https://brownconnect.brown.edu/static/about/>

Bunker Hill Community College

Learn and Earn *est. 2012*

Employer Partners: Bank of America, Beth Israel Deaconess Medical Center, BJ's Wholesale, The Boston Foundation, Dovetail, Eaton Vance, EMC, Fidelity, Liberty Mutual, Raytheon, Staple, State Street, Suffolk, UBS, Vertex

Area of Focus: Accounting, Finance, Business Operations, HR, Communications, Marketing, PR, Community Relations, Biotechnology, Chemical Science, Engineering, Hospitality, Culinary, Event Planning, Graphic Design, Media Communications, IT Networking, Computer Science, Web Development

Program Description: Bunker Hill Community College Learn and Earn is an internship program where students are able to earn \$15/hour and work 16-40 hours/week. The program started with the support of former Massachusetts Governor Deval Patrick and members of the Massachusetts Competitive Partnership (MACP). Participants are 67% diverse (all ethnicities, age range 18-59), reflecting the overall diversity of the College, and students earn three academic credits in their major. Employers over the course of the program 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 over 400 students. The program 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: Sharon Schaff, sschaff@bhcc.mass.edu

Program Website: www.bhcc.mass.edu/learnandearn

Connecticut State Colleges and University System: **College of Technology**

Life Support & Sustainable Living Program (LSSL)/Mechanical & Manufacturing Engineering Technology (MET²) Program *est. 2008/2014*

Employer Partners: CT Children's Medical Center, Hamilton Sunstrand, Kaman Aerospace, NASA, United States Coast Guard, US Geological Survey

Areas of Focus: Engineering and Manufacturing Technologies

Program Description: The LSSL Program was a research program that recruited students from community colleges and public and private partner institutions in the College of Technology for the purpose of conducting research initiated by select Connecticut and U.S. Government organizations. These organizations provided access to science, engineering and business experts who worked as mentors for the students. The projects focused on real world research projects that addressed life support and sustainable living challenges facing America thus improving both professional and technical skills for students. The project is funded in part through the National Science Foundation.

Program Contact: John Birch, thebirchgroup@snet.net

Program Website: www.ccotlifesupport.org/www.met2program.org

Connecticut State Colleges and University System: **College of Technology** (cont.)

Technology Studies Options – Associate Degrees and Certificates *est. 1995*

Employer Partners: Alloy Specialties, Inc., Electric Boat, Flanagan Industries, Marion Manufacturing, Mastercam (CNC Software, Inc.), Pratt & Whitney, Schwerdtle Stamping, Sikorsky, Sound Manufacturing, Trumpf, United Technologies Aerospace, Westminster Tool, Whitcraft

Areas of Focus: Manufacturing Technologies

Program Description: The Technology Studies pathway is an applied major with an innovative curriculum that includes industry-driven options. These electives are designed to respond to workforce needs that align with national skill standards. Programs include Lean Manufacturing & Supply Chain Management, Technology Management, Computer-Aided Design, Plastics Technology, Manufacturing Engineering Technology, Sheetmetal Fabrication, Advanced Machine/Manufacturing Technology, Welding Technology, and Manufacturing Electronics & Controls Technology. The certificates and options are part of the National Science Foundation Regional Center for Next Generation Manufacturing, CAMI- a Department of Labor TAACCC Grant and State of CT investments.

Program Contact: Dr. Karen Wosczyzna-Birch, kwosczyzna-birch@ct.edu

Program Website: www.ct.edu

Greater Hartford Mini Maker Faire *est. 2015*

Employer Partners: Lego, LeGrand, Stanley Black & Decker, Trumpf

Areas of Focus: Engineering Technologies

Program Description: The goal of the Greater Hartford Mini Maker Faire is to encourage the community to learn about the Maker Movement, STEM, and manufacturing. Student projects from College of Technology institutions are featured as a way to show the community the research opportunities that are available at community colleges.

Program Contact: Dr. Karen Wosczyzna-Birch, kwosczyzna-birch@ct.edu

Program Website: www.greaterhartfordmakerfaire.com

Connecticut State Colleges and University System: **College of Technology (cont.)**

Faculty Externships *est. 2000*

Employer Partners: Acme Wire Products, Alloy Specialties, Ashcroft, Inc., Atlas Metalworks, Mallory Industries, Lacey Manufacturing, Schwerdtle Stamping, Stanadyne, Trumpf, Web Industries

Areas of Focus: Engineering and Manufacturing Technologies

Program Description: The College of Technology and its Center for Next Generation Manufacturing, a National Science Foundation Center for Excellence provides a unique opportunity for Professional Development for high school, community college and university professors in the State of Connecticut. In comparison to traditional professional development programs, where teachers take classroom-based courses, the Center has focused on experiences where teachers are placed in Work Based Learning (WBL) programs. The program serves a dual function of educating and exposing teachers to cutting-edge technology and manufacturing process. Secondly, the unique opportunity for professional development for the teachers will allow them to bring this information back into their classrooms as part of their curriculum.

Program Contact: Dr. Karen Wosczyzna-Birch, kwosczyzna-birch@ct.edu

Program Website: www.nextgenmfg.org

Dean College

PROgram *est. 2011*

Employer Partners: Dean Foods, EMC Corporation, Hockomock Area YMCA, Hurley of America, Putnam Investments, Wayne J. Griffin Electric, Inc.

Area of Focus: Business

Program Description: Dean College professional resource opportunities program (PROgram) functions as an opportunity for employees of business partners to earn an associate or bachelor's degree through courses offered at their workplace. Dean College works with their partners to create specific curriculum and accommodations for each organization's needs. Cohorts of employees are taught in a combination of on-site at their workplace by Dean College faculty, typically one or two evenings per week with additional online components. The students receive transfer credits for any previous earned college credit. Dean bills the employers directly for the cost of tuition, books and materials for participating employees. The program has served over 200 students.

Program Contact: Dee Masiello

Program Website: https://www.dean.edu/scs_partnerships.aspx

Education Development Center (EDC)

MassCAN *est. 2013*

Employer Partners: code.org, Computer Science Teachers Association, Facebook, Google, Massachusetts Business Alliance for Education, Massachusetts Business Roundtable, Massachusetts Life Sciences Center, Massachusetts Technology Collaborative, Massachusetts Technology Leadership Council, Microsoft, National Science Foundation, State Street Bank, The Boston Foundation, UMass, Verizon, Vertex Pharmaceuticals

Area of Focus: Computer Science

Program Description: Massachusetts Computing Attainment Network (MassCAN) is a public/private partnership composed of leaders from the business community, state education agencies, K-12 education, university computer science programs and educational non-profits. Google, Microsoft and the Education Development Center, Inc., have played prominent leadership roles advancing MassCAN's goals. MassCAN is focused on developing new state policies, including new state Digital Literacy and Computer Science Standards, Implement best practice K-12 computer science professional Development programs and mobilizing public awareness to support providing all students with the CS skills and knowledge necessary to compete and lead in the global innovation economy. The program has served over 4000 students.

Program Contact: Jim Stanton, jstanton@edc.org

Program Website: <http://masscan.edc.org/>

Fitchburg State University

Police Certification Concentration *est. 2015*

Employer Partners: Municipal Police Training Committee

Area of Focus: Criminal Justice

Program Description: This program allows Criminal Justice students who are interested in police certification to receive their Bachelor's degree, Master's degree, and police certification in five years. Students receive hands-on police academy instruction approved by the Massachusetts Police Training Committee(MPTC). Developed in cooperation with Massachusetts' MPTC, graduates receive a full-time academy certification from the MPTC. This allows students to seek employment with the Massachusetts municipal police department, and some other states, without the police departments having to pay for the time it takes to complete academy training.

Program Contact: Catherine Canney, ccanney@fitchburgstate.edu

Program Website: <http://www.fitchburgstate.edu/academics/undergraduate-day-programs/criminal-justice/police-certification-concentration/>

Framingham State University

MW Chamber of Commerce College Initiative *est. 2009*

Employer Partners: MetroWest Chamber of Commerce

Area of Focus: Various

Program Description: For six years, FSU has collaborated with MetroWest Chamber of Commerce to provide mentorship and career development advice to students. The program is three weeks long and the mentorship group comes to campus each week to discuss different topics to participating students (approximately 25 each semester). There also two career days where students visit companies and are able to speak with a professional panel and can be offered internships or other opportunities. The program has served over 250 students.

Program Contact: Liane Kush, liane@metrowest.org

Program Website: <http://www.metrowest.org/college-initiative>

CHOICE Program *est. 2013*

Employer Partners: Boys & Girls Club of MetroWest, Framingham District Court, Framingham Downtown Renaissance, 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 the internship experience for organizations that may not be able to pay them. On average, students are compensated \$10/ hour. The initiative has placed 250 students at organizations.

Program Contact: Jill Gardosik, jgardosik@framingham.edu

Program Website: <https://www.framingham.edu/the-fsu-difference/career-services/job-and-internship-strategies/>

Framingham State University (cont.)

Veterans Internship Program (VIP) *est. 2013*

Employer Partners: MassBay, Metrowest Regional Transit Authority (MWRTA)

Area of Focus: Various

Program Description: The Framingham State Veteran Paid Internship and Workforce Development program allows qualifying veterans to receive a stipend for internship experiences. The stipend is financed through the Massachusetts State Budget.

Program Contact: Tobias Conn, veterans@framingham.edu

Program Website: <https://www.framingham.edu/the-fsu-difference/career-services/job-and-internship-strategies/>

Harvard University

BASF Advanced Research Initiative

Employer Partners: BASF

Area of Focus: Engineering

Program Description: Based at the John A. Paulson School of Engineering and Applied Sciences, the BASF Advanced Research Initiative is an integrated collaboration between academia and industry, with BASF researchers working hand-in-hand with Harvard teams and enjoying close ties with schools and departments across the entire university. The partnership makes unique and enriching opportunities available to researchers, faculty, and students.

Contact: Jens Rieger (rieger@seas.harvard.edu)

Program Website: <https://www.seas.harvard.edu/faculty-research/centers-initiatives#basf-advanced-research-initiative>

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.

Contact: info@cns.fas.harvard.edu

Program Website: <http://cns.fas.harvard.edu/new-user>

Keene State College

Business and Industry Partnership Program *est. 2012*

Employer Partners: Adimab, Albany International, Avitide, BensonWood, C&S Wholesale Grocers, Corning Specialty Materials, Dyn, Eastern Bank, Echo Group, Electronic Imaging Materials, Engleberth Construction, Fenton Family Dealerships, Fibermark North America, Filtrine Manufacturing Company, GE Aviation, Graphicast, Hitchiner Manufacturing, Hypertherm, Markem-Imaje, Moore Nanotechnology, Maxcess International Tidland, Newforma, NH Ball Bearings, Northeast Delta Dental, Raytheon, Safran Aerospace Composites, SilverTech, Smiths Medical, TRC, Turner Construction, Whelen Engineering, WS Badger

Areas of Focus: Manufacturing, Design, Biotech, Hi-tech, Financial Services, Sales

Program Description: Under the Business and Industry Partner program, industry partners offer internships for Keene State College students to gain on-the-job experience. These businesses also participate in the Career Speaker Series, sending leaders in their organizations to speak to students about their businesses and career opportunities. Industry partners engage in deep dialogue with Keene State faculty and staff about their businesses, contributing to a broader discussion about the development of course curricula that reflect modern workforce needs and strengthen opportunities for students. Industry partners also work with student consulting teams to address industry challenges.

Program Contact: Daniel Henderson, dhenderson@keene.edu

Program Website: <http://www.keene.edu/featured/cr/>

Manufacturing Partners' Scholarship Program *est. 2014*

Employer Partners: Hitchiner Manufacturing, Markem-Imaje, Whelen Engineering

Areas of Focus: Manufacturing, Design

Program Description: Under the Keene State Manufacturing Partners' Scholarship Program, students may apply during their freshman and sophomore years for a multi-year, merit-based scholarship collectively funded by Keene State's manufacturing partners. The manufacturing partners mentor the scholarship recipients on career goals and work with them to identify appropriate experiential learning opportunities, such as internships, co-ops, projects and research. The program is intended to foster relationships between students and manufacturing partners that can lead to employment and strengthen the industry in the region.

Program Contact: Daniel Henderson, dhenderson@keene.edu

Program Website: <http://www.keene.edu/featured/cr/scholarship/>

Keene State College (cont.)

Sustainable Product Design and Innovation Program

Employer Partners: Industry Advisory Council and consultants from: AB Tech Manufacturing, Corning Specialty Materials, Electronic Imaging Materials, Filtrine Manufacturing Company, GE Aviation, GSPN Inc., Graphicast Inc., Hitchiner Manufacturing, Markem-Imaje, Maxcess International Tidland, NH Ball Bearings, Smiths Medical, Sonnax Industries Inc., V&A Cleaning, Whelen Engineering, Whitney Brothers

Areas of Focus: Manufacturing, Product Design and Development, Business, Sustainability

Program Description: The Bachelor of Science in Sustainable Product Design and Innovation (SPDI) curriculum offers hands-on, integrated courses in design thinking and research methodologies, user-centered design, digital technology, materials and manufacturing processes, with allied courses in math, science and business and manufacturing management. A unique student offering, SPDI's project-based opportunities and experiential learning are facilitated within ideation, digital fabrication and prototyping/manufacturing labs. 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.

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

Program Website: <http://www.keene.edu/academics/programs/spdi/>

Regional Center for Advanced Manufacturing *est. 2009*

Employer Partners: Many regional manufacturing industry partners, the Keene Chamber of Commerce and educational collaborators including Keene State College, River Valley Community College, Keene Community Education (Located at Keene High School)

Areas of Focus: Manufacturing

Program Description: RCAM is an Advanced Manufacturing regional collaborative partnership that connects educational opportunities, shares resources, and provides a forum for manufacturing workforce needs assessment. The collaborative has connected students to educational pathways, continuing education and to industry opportunities. Educational institutions collaborate on student outreach, and on connecting with regional and national programs and support. RCAM provides a forum for leaders from all educational levels to explore collaborations across institutions that help identify educational and professional development opportunities to students and people in the workforce.

Program Contact: William Gurney, wgurney@keene.edu

Program Website: <http://www.keene.edu/academics/conted/development/rcam/>

Kennebec Valley Community College

Business and Industry Program

Area of Focus: All Industries, Healthcare, Computer Science, Trades

Program Description: The Business and Industry Initiatives pair local businesses with Kennebec Valley Community College to train incumbent workers or a new pool of entrants. The partnerships are also sometimes eligible for state grants for the training. Additionally, KVCC will also offer training courses for in demand areas in the region such as boiler conversions from oil to natural gas to help train regional plumbers to adapt to the new natural gas pipeline. Kennebec Valley Community College will meet with the company to work together to design the content of the course or program that the company requires, and then hires topic area experts to deliver the best possible training desired. Classes are delivered at a time, day and location that best suits the company needs.

Program Contact: Dr. Bruce Davis, bdavis@kvcc.me.edu

Program Website: <http://www.kvcc.me.edu/Pages/Professional-Development/Specialty-Training-for-Business-Home>

Maine Community College System

Maine Quality Centers *est. 1994*

Employer Partners: Androscoggin Head Start, Auburn Machinery, Backyard Farms, Barber Foods, Bath Iron Works, Brunswick Naval Air Station, Calais Federal Savings & Loan Assn., Cary Medical Center, Cianbro, City of Auburn, Disability RMS, Fairchild Semiconductor, Gates Fibre Products, Geiger, Great Works Internet, Hinckley Company, Houlton Regional Hospital, Huhtamaki, Idexx, International Paper, Irving Forest Products, Irving Woodlands, Jackson Laboratories, Johnny's Selected Seeds, Jotul North America, Lee Auto Mall, LAI International, Madison Paper, Maine Chiefs of Police Association, Maine Oil Dealers Association, Maine Department of Transportation, Maine Machine Products, Maine Medical Center, Maine Public Service Company, Maine State Housing Authority, McCain Foods, Mid Coast Mental Health, Mid-State Machine Products, Moody's Collision Centers, Morris Yachts, Moose River Lumber, Norway Solid Waste, Pratt & Whitney, Spurwink School, Sweetser, TD Banknorth, UnumProvident, Watts Fluid Air-Parker, WEX

Area of Focus: Various

Program Description**Program Description:** The Maine Community College system has created the Maine Quality Centers program in order to provide students and employees with the skills they need to succeed in industry. Maine Quality Centers helps partner companies by providing them with candidates that are prepared to work in their expanding business and industry. Maine Community Colleges uses workforce training grants to provide training to business partners through both incumbent worker training and pre-hire training for potential hires. Maine Quality Centers has partnered with 234 businesses to create over 13,392 new jobs. The program exists at all seven Maine community college campuses and is tailored to the needs of each business partner. The program has served tens of thousands of students.

Program Contact: James McGowan, jmcgowan@mccs.me.edu

Program Website: <http://www.mccs.me.edu/business-resources/training/maine-quality-centers/>

Massachusetts College of Art and Design

Community Build Studio *est. 2009*

Employer Partners: Cambridge Friends School, Codman Academy Charter School, Mass Audubon Society at Drumlin Farm in Lincoln, The Carter School, The Haley Pilot School, Town of Brookline, Up Academy Charter School

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, programming, and presentation, while being exposed to specifications, budgeting, cost-control 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:

http://www.massart.edu/Academic_Programs/Architecture/Master_of_Architecture_MArch/MassArt_Community_Build_Program.html

Toys for Elephants *est. 2010*

Employer Partners: Buttonwood Zoo, Handhouse Studio

Area of Focus: Art and Design

Program Description: Toys for Elephants is an elective course in which students spend the semester designing and building a toy for the two adult elephants at the Buttonwood Park Zoo to play with. The program started when Rick and Laura Brown discovered the need for the elephants at the zoo to remain stimulated. The program has served more than 90 students.

Program Contact: Rick and Laura Brown: rbrown@massart.edu, rick@handhouse.org

Program Website: <http://www.handhouse.org/>

Massachusetts College of Art and Design (cont.)

Design Works at MassArt *est. 2010*

Employer Partners: Add Inc (architects) for the Massachusetts College of Art and Design, Allston/Brighton Food Co-op, Joslin Pediatric Clinical and Patient Spaces, State Building Authority, Treehouse Café

Area of Focus: Architecture

Program Description: Design Works is a multi-disciplinary critique and seminar class that addresses current design/build topics and program evaluations through hands on experience. Invited experts and stakeholders in the design and research field provide additional background as well as project information, design briefs, and in class demonstrations. The class centers around a real project exercise based upon the actual needs of an educational, corporate, or community partner. The class includes field trips, student presentations of design projects including plans, sections, elevations, renderings and partial construction drawings of each investigation.

Program Contact: Paul Hajian, paul.hajian@massart.edu

Program Website: http://academic-catalog.massart.edu/preview_course_nopop.php?catoid=5&coid=3457

Professional Freelance Studio

Employer Partners: Adams Media, Boston Lyric Opera Company, Brandeis Magazine, Charles River Watershed Association, Flow Snowboards, Gallery 9 (Norwood, MA), Half Price Books, Harvard Business Review, Mass Audubon Society, Money Room online magazine, M.S.P.C.A., National Fire Protection Association, New England Arts for Animals, Northeastern University Magazine, On Tray Magazine, Printed Village, Spirit of Change magazine, Sky and Telescope Magazine, The Pet Gazette, Tufts Magazine of Nutrition, Tufts Magazine of Veterinary Medicine, Tufts University Health Magazine, Worcester Magazine

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: http://academic-catalog.massart.edu/preview_course_nopop.php?catoid=4&coid=2862

Massachusetts College of Art and Design (cont.)

Net Zero House *est. 2010*

Employer Partners: Enviro Lam, Epochhomes, LeMessurer Structural Engineers, Nordic Engineered Wood, Passive Solar Standards, Saint-Gobain, University of Massachusetts (Lowell)

Area of Focus: Architecture

Program Description: Designed in collaboration with students from the Solar Energy Engineering Department at the University of Massachusetts, Lowell, the course is the primary vehicle for students designing and building the solar house. The course is taught collaboratively by architects, sustainable engineers, and energy design professionals. Partnerships with regional modular house manufacturers to develop systems approach to design. Students develop a website and materials to display the course and competition process and outcomes, including direct marketing, fundraising, design systems, and fabrication of the house and its interior components and furnishings.

Program Contact: Patricia Seitz, pseitz@massart.edu) or Paul Hajian, phajian@massart.edu

Program Website: http://academic-catalog.massart.edu/preview_course_nopop.php?catoid=5&coid=3464

Lean Design and Development for Entrepreneurs *est. 2012*

Employer Partners: Northeastern University

Area of Focus: Industrial Design

Program Description: Two business professors at Northeastern University integrate MassArt industrial design students into their Lean Design and Development for Entrepreneurs classes to work with their business, engineering & computer science students to demonstrate the benefits of including industrial designers in the early phases of the product development process. This is a paid opportunity for MassArt students to work with small teams of engineering, business & computer science students during their course projects. The industrial design students ensure the incorporation of the needs of the end user and clearly articulate the design intent through deploying the design process; brainstorming, user research, concepts sketching, prototyping CAD development and storytelling/ concept presentation.

Program Contact: Judith Anderson, judith.anderson@massart.edu

Program Website:

https://wl11gp.neu.edu/udcprod8/bwckctlg.p_disp_course_detail?cat_term_in=201630&subj_code_in=ENTR&crse_num_in=3330

Massachusetts College of Art and Design (cont.)

Product Development Lab *est. 2000*

Employer Partners: Bose, Fidelity Investments, Gillette, Legrand, Magic Moon, Reebok, Staples, Timberland, Unilever

Area of Focus: Industrial Design

Program Description: 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 industrial designer in new product/service development and how to develop design solutions that fits within the given company's culture & business model. The course simulates design consultancy for clients with the design and development of products or services relevant to the client's bottom line. Students work with local companies, often through their product development group, to deliver relevance based on the company's culture & business goals.

Program Contact: Judith Anderson, janderson@massart.edu

Program Website: http://academic-catalog.massart.edu/preview_course_nopop.php?catoid=4&coid=2886

New England Board of Higher Education

Advanced Manufacturing Problem-Based Learning

Employer Partners: CIRTEC Medical Systems, FastCAP, Hypertherm, IBM, Sound Manufacturing

Areas of Focus: Advanced Manufacturing, STEM fields

Program Description: The Problem Based Learning (PBL) Projects of the New England Board of Higher Education (NEBHE) are a series of STEM problem based learning curriculum and professional development projects funded by the National Science Foundation's Advanced Technological Education program (NSF ATE). Each of the PBL Projects has developed a collection of authentic real world multimedia case studies called Challenges with industry partners in the areas of optics and photonics, sustainable technologies, and advanced manufacturing. In response to the Advanced Manufacturing report published by the New England Council and Deloitte, NEBHE created a program to help educate students in real-life manufacturing scenarios. The PBL program creates case studies called Challenges. There are currently 5 Challenges and each was created in partnership with one of the employer partners. NEBHE worked with universities in all 6 New England states on this project. Programs generally focus on science, technology, engineering, and mathematics (STEM) fields in an effort to support the growth and competitiveness of New England's technical workforce.

Program Contact: Kelli Vallieres, kvallieres@nebhe.org

Program Website: <http://www.pblprojects.org/>

Northeastern University

Cooperative Education (Co-op) *est. 1898*

Employer Partners: Beth Israel Deaconess Medical Center, Boston Children's Hospital, Boston Scientific, EMC Corporation, Fidelity Investments, General Electric Company, Harvard University, John Hancock, Microsoft, Mitre Corporation, Partners Healthcare, Philips, State Street Corporation, Wellington Management Company, and over 3000 others

Area of Focus: Various

Program Description: Cooperative Education (Co-op) began at Northeastern over 100 years ago and remains a powerful learning model that integrates classroom learning with real-world experiences. The model produces graduates who are critical thinkers, globally aware, confident, self-directed learners experienced in multiple organizations. The intent is to create young professionals fully prepared to engage in, contribute to and eventually become leaders in the global workforce. For employer partners, the Co-op Program is a cost effective strategy for workforce development both domestically and abroad. Co-op is different from internships – students alternate classroom studies with full-time work in career-related jobs for six months. An employer relations team is dedicated to collaborating with employers to develop innovative and meaningful programs to engage students. The individualized approach to building and maintaining partnerships is intended to contribute to the success of employers, students and the university. Various recruitment options provide employers with cost-effective approaches to hiring, training, evaluating and onboarding talent. Ninety percent of graduates are employed full time or enrolled in graduate school within nine months of graduation. Fifty percent of 2014 graduates received a job offer from a previous co-op employer and 89 percent of students that are employed full time are doing work related to their major.

Program Contact: Maria K. Stein, m.stein@neu.edu

Program Website: <http://www.northeastern.edu/coop/>

Olin College of Engineering

SCOPE *est. 2006*

Employer Partners: AGCO, Analogic, Athenahealth, Autodesk, Boston Scientific, Boeing, Care.com, Dassault Systemes Solidworks, Facebook, Locus Robotics, Raytheon, Santos Family Foundation, TripAdvisor

Areas of Focus: Mechanical Engineering, Electrical Engineering, Computer Engineering, Bioengineering, Materials Science Engineering, Design Prototyping, Entrepreneurship, Interdisciplinary teams of engineers.

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 a low-cost prosthetic knee to lightweight airplane seats to fuel-efficient motorcycles.

Program Contact: Alisha Sarang-Sieminski, alisha.sarang-sieminski@olin.edu

Program Website: <http://www.olin.edu/collaborate/scope/>

http://www.olin.edu/sites/default/files/scope_fact_sheet_0.pdf

Salem State University

Academic & Workforce Program Development *est. 2012*

Employer Partners: North Shore Workforce Investment Board

Area of Focus: Various

Program Description: The University partners with the NSWIB 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 NSWIB Career Centers. An example of a new program that is a direct result of this partnership is one developed with General Electric. GE presented a challenge with retention in management level positions within its manufacturing operation. The University worked with GE to create a pipeline of business students concentrating in Operation Decision Sciences for a pilot program which will expose students to this management role. This pilot will launch over the summer of 2016 with plans for three additional students in the fall.

Program Contact: Lauren Hubacheck, lhubacheck@salemstate.edu

Program Website: <https://www.salemstate.edu/1767.php>

Cat Cove Marine Laboratory (CCML) *est. 1999*

Employer Partners: Municipal Groups and Private Shellfish Growers

Area of Focus: Seafood Industry

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. Since 2000, the CCML Clam Hatchery has produced over 40 million soft-shelled (steamers) clam seeds. These seed clams are transported and planted on sand flats throughout Massachusetts and neighboring states. Clam seed is provided to both municipal groups and private growers for commercial and public enhancement initiatives. Clams produced at CCML and stocked into coastal waters create jobs, generate revenue, perpetuate a working waterfront and fishing tradition, can be grown sustainably and locally, and benefit the environment.

Program Contact: Dr. Joseph Butter, jbuttner@salemstate.edu

Program Website: <https://www.salemstate.edu/academics/schools/1028.php>

Salem State University (cont.)

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

Employer Partners: Hello Mamas, The Inner Cycle, Mannersmith, 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 non-profit organizations real assistance and expertise in communications at no cost.

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

Program Website: <https://www.salemstate.edu/academics/schools/11185.php>

Southern Maine Community College

Business & Community Partnerships Department

Employer Partners: American Steel, ARWO, Bath Iron Works, Buxton Fire Department, Camp Susan Curtis, Casco Systems, Catholic Charities, CCB, Inc., Central Maine Power Co., City of Portland, City of South Portland, Crede Engineering, Cumberland County, Dream Local, Dunes on the Watercraft, Final Draft CAD, Fluid Imaging Technology, General Dynamics, Goodwill Industries of Northern New England, IDEXX, Industrial Concrete, Jotul, Maine Department of Transportation, Manufacturing Extension Partnership, Martin's Point Health Care, Molnlycke, Moody's Collision Centers, New Fab, Nonantum Resort, Pierce Promotions, Plasmine Technologies, Portland Adult Education, Portland Fire Department, Portland Mattress Co., RollEase, Seabreeze, South Portland Police Department, Southworth Products, Tempus Jets, Tilson Technology, Town of Cape Elizabeth, Town of Scarborough, Tube Hollows, VSTV

Areas of Focus: All Industries. Leadership, Project Management, Healthcare, Telecommunications, Manufacturing, Computer Skills, Trades

Program Description: SMCC's Business & Community Partnerships Department provides professional customized workforce development and training for businesses, municipalities and individuals. SMCC supports Maine employers by offering programs customized to specific workforce needs. Training includes management, supervisory skills and leadership; communications; project management; customer service; team building; health care; manufacturing; and licensing and certification for specific skills. Classes are delivered at a time, day and location that best suit your needs. Funding assistance is available for qualified businesses through Maine Quality Centers.

Program Contact: Julie Chase, jchase@smccME.edu

Program Website: <http://www.smccme.edu/business-a-community/business-resources/workforce-training.html#programs>

Southern New Hampshire University

College for America *est. 2013*

Employer Partners: Anthem BlueCross BlueShield, ConAgre Foods, Cumberland Farms, DC.gov, Dunkin' Donuts, Easter Seals, Gap, Grifols, Gulf, Holiday Inn, Life is Good, McDonalds, Panera Bread, Penn Medicine, The Moore Center

Areas of Focus: Various

Program Description: College for America is a program through SNHU in which students are able to complete a low-cost, flexible, competency-based degree program. The program is unique because its focus is on the competencies a student has rather than the credit hours they complete. SNHU partners with employers through this program to provide specialized programs to their employees. The goal of College for America is to create a degree program for American workers to develop certain skills, called competencies, in an innovative and approachable way.

Program Contact: Colin van Ostern, c.vanostern@snhu.edu

Program Website: <http://collegeforamerica.org/>

University of Hartford

Three Steps to Success *est. 2013*

Employer Partners: ARCADIS, Construction Institute, Consulting Engineering Services, Inc., HRP Engineering, JCJ Architecture, Kaman Aerospace, Medtronic/Covidien, Wright Pierce

Areas of Focus: Engineering, Technology, Architecture

Program Description: “Three Steps to Success” is a career development program designed to teach students how to navigate the job search process. The first Step to Success is a panel discussion titled “How to Present your Best Self to Prospective Employers,” and features resume writing best practices and tips. Panelists are human resource professionals from partner corporations and businesses comprise the panel who offer advice and opinions on interviewing and developing a personal brand and image. The second Step to Success is a week-long Mock Interview Program. Partner companies conduct and provide feedback on limited seating practice interviews with individual students. Students are encouraged to hit the ground running by dressing for success, researching the companies in which they are most interested, bringing carefully prepared resumes and applying all the interview best practices they have mastered.

Program Contact: Riccardo Barrett ribarrett@hartford.edu

Program Website: <https://www.myinterfase.com/hartford/employer/>

University of Hartford (cont.)

Mock Interview Week *est. 2013*

Employer Partners: ARCADIS, Aetna, Bank of America Merrill Lynch, Bradley, Foster, Sargent, Chubb & Son, CohnReznick, Consulting Engineering Services, Inc., Dexmet Corporation, Flow Tech, Grant Thornton, Hanover Insurance, The Hartford, HRP Engineering, JCJ Architecture, Kaman Aerospace, Medtronic/Covidien, MassMutual, People's United Bank, Segal Consulting Group, Stanley, Black & Decker, Travelers Insurance, Vantis Life, Wright Pierce

Areas of Focus: Business, Engineering, Technology, Architecture

Program Description: During designated weeks, University of Hartford students have the opportunity to register for and participate in “real world” mock interviews at a variety of partner businesses in the greater Hartford area. These practice interviews enhance and broaden the students’ networking skills and provide hands-on interview experience in a supportive and educational environment. At the end of each mock interview, host interviewers provide students with constructive feedback to incorporate into future interviews. The mock interview experience also affords our partners the opportunity to interact with a pipeline of talented students and potential future employees. University of Hartford faculty and staff collaborate with partners to coordinate the mock interview process, including obtaining and forwarding job postings to students, interview scheduling and delivery of candidate resumes to the partner interviewer.

Program Contact: Dr. Celia R. Lofink, Lofink@hartford.edu or Riccardo Barrett, ribarrett@hartford.edu

University of Maine

Pulp & Paper Foundation *est. 1952*

Employer Partners: Hitchiner Manufacturing, Markem-Imaje, Moore Nanotechnology

Area of Focus: Engineering

Program Description: The Pulp and Paper Foundation is a program that was founded at the University of Maine to prepare and educate engineering students for a career in the pulp and paper industries. Participating organizations donate scholarship funds to participating students who are able to get partial or full scholarships for the program. Additionally, industry partners come to campus regularly for interviews, curriculum discussions, research opportunities, and to share information about their organizations. Partners also offer internships for participating students.

Program Contact: Kelly Renee, rwkelly@maine.edu

Program Website: <http://www.maineulpaper.org/>

Innovate for Maine

Employer Partners: Blackstone Accelerates Growth

Area of Focus: Aquaculture Industry; Energy, Environment, and Technology Sectors

Program Description: This fellowship and internship program works with startups or other companies that are working on new innovation projects. The involved companies provide the University with curriculum recommendations in order to enhance the programs and create well-rounded talent for them to recruit. The program allows students to broaden their education beyond their field of study to also include entrepreneurship and innovation skills.

Program Contact: Kelly Renee, rwkelly@maine.edu

Program Website: <http://foster.target.maine.edu/students/interns>

University of New England

Essential Workplace Competencies Development Program *est. 2015*

Employer Partners: Bangor Savings Bank

Area of Focus: Banking

Program Description: University of New England has paired with Bangor Savings Bank to provide training for Bangor Savings Bank employees. The partnership involves an online professional development program that will combine education and practical business experience. The overarching goal of the program is to increase the rate of retention of young professionals in Maine by providing them with training that is relevant to the needed workforce.

Program Website: <https://www.une.edu/news/2015/une-holds-press-conference-announcing-bangor-savings-bank-partnership>

University of New Hampshire

Aerospace and Defense Technology Day *est. 2015*

Area of Focus: Aerospace and Defense Technology

Program Description: Public/private partnership intended to provide direct access to faculty and researchers from the University of New Hampshire and other companies, designed to identify and develop potential projects, solve business challenges and accelerate scientific innovation in the aerospace and defense industries.

Program Contact: Ellen Christo, ellen.christo@unh.edu

Program Website: www.Innovation.UNH.edu

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 in 1988 with the dual mission of providing a neutral environment to foster multi-vendor interoperability and conformance to data communications networking standards for industry, while educating students for future employment in the industry. With 150 corporate members, the laboratory has since grown into one of the industry's premier independent proving grounds for new technologies.

Program Contact: Erica Johnson, erica.johnson@iol.unh.edu

Program Website: www.iol.UNH.edu

University of Rhode Island

Hope Global Capstone Projects

Employer Partners: Federal Aviation Administration (FAA), Hope Global

Area of Focus: Engineering

Program Description: Students at University of Rhode Island's College of Engineering can participate in a capstone program that pairs groups of students with industry to find solutions to real-world problems. Student teams demonstrate their senior capstone design projects by partnering with industry to deliver real solutions to real problems. Students then present their findings to the company, which can be adopted by the company.

Program Contact: Ray Wright, rmwright@uri.edu

Program Website: <https://egr.uri.edu/designing-the-future/>

Worcester Polytechnic Institute

Metal Processing Institute (MPI)

Employer Partners: Army Research Lab

Areas of Focus: Metal Processing, Materials Science

Program Description: The Metal Processing Institute is a leading industry-university alliance dedicated to advancing the field of materials science. Through research in the areas of metal casting, heat treating, and resource recovery and recycling, MPI has earned awards, recognition, breakthrough patents, and industry accolades. Working together, industry leaders and university researchers solve business challenges and improve manufacturing processes that save energy, reduce cycle time, increase productivity, and eliminate environmental waste. The MPI is comprised of three research centers: the Advanced Casting Research Center (ACRC), the Center for Heat Treating Excellence (CHTE) and the Center for Resource Recovery and Recycling (CR³). There are established by-laws with clear guidelines on governance, project selection, steering committee responsibilities, and ownership and protection of the intellectual property. Focus groups supply the research teams with an industrial perspective on the research, and support the project with equipment and supplies when needed. This creates connectivity between the fundamental research carried out at WPI and the industrial relevance of the work.

Program Contact: mpi@wpi.edu

Program Website: <http://wp.wpi.edu/mpi/>

Biomanufacturing Education and Training Center *est. 2011*

Employer Partners: Bio-Process Systems Alliance, Biogen

Areas of Focus: Biomanufacturing

Program Description: The Biomanufacturing Education and Training Center (BETC) at WPI is 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. The first of its kind in New England, the 10,000-square-foot facility is where some of the world's foremost biotechnology and biopharmaceutical firms have benefitted from our programs. WPI is the first academic institution to join the Bio-Process Systems Alliance (BPSA), a trade association dedicated to encouraging the adoption of single-use manufacturing technologies used in the production of biopharmaceuticals and vaccines. WPI will help the international industry group develop curriculum frameworks for educational and training programs for these technologies.

Program Contact: betc@wpi.edu

Program Website: <http://wp.wpi.edu/betc/>

Worcester Polytechnic Institute (cont.)

Healthcare Delivery Institute (HDI) *est. 2013*

Employer Partners: Family Health Center of Worcester, Maccabi Healthcare System, Oriol Healthcare, Reliant Medical Group, Saint Vincent Hospital, UMass Memorial Health Care, VA New England, VNANE

Areas of Focus: Health Systems Engineering, Digital Health, Security, Healthcare Robotics, Medical Devices

Program Description: The Healthcare Delivery Institute (HDI) at WPI is a university-wide, multi-disciplinary (engineering science, business) research and education institute that uses Worcester and surrounding communities as its laboratory and classroom to help industry, healthcare provider, academic, and government partners collaboratively develop new ways to deliver quality care to keep people healthy, while lowering costs. Affiliated with the University of Massachusetts Medical School and the Visiting Nurse Associations of New England (VNANE) and its Clinically Integrated Network of home health and hospice providers, HDI continues to evolve towards becoming a national hub for creating innovative healthcare solutions. The outcomes lead to new products, tools, and processes.

Program Contact: wpihdi@wpi.edu

Program Website: <http://www.wpi.edu/research/hdi.html>

Life Sciences and Bioengineering Center (LSBC)

Employer Partners: United Technologies Corp.

Areas of Focus: Life Sciences

Program Description: WPI's Life Sciences and Bioengineering Center (LSBC) is a nexus of partnerships and collaborations with academia and industry. In addition to academic labs and offices, the LSBC is home to the Massachusetts Biomedical Initiatives, one of the country's leading incubators for life sciences companies. MBI has launched dozens of companies in Central Massachusetts and continues its mission today by helping entrepreneurs commercialize promising technologies, including some spun-off from WPI labs. WPI researchers are engaged in numerous sponsored research programs funded by industry. And through WPI's Corporate and Professional Education programs we work with many leading life sciences companies to help their employees enhance and extend the skills they need to keep pace with innovation and tackle the emerging challenges in the life sciences sector.

Program Contact: Andy Butler, abutler@wpi.edu

Program Website: <http://www.wpi.edu/Admin/LSBC/partnerships.html>