

Workforce Development Capital Grants

Program Overview

The Massachusetts Life Sciences Center (MLSC) seeks to further the development and expansion of life sciences education and training programs offered by post-secondary academic institutions and non-profit organizations through capital investment in industry-aligned certificate and degree programs. This program will award funding of up to \$750,000 per project for the purchase and installation of life sciences equipment, lab furniture, materials, supplies, and/or technology that will enable them to effectively prepare students for high-demand career opportunities in the life sciences.

The MLSC is particularly seeking to seed, enhance and/or expand training programs that address critical skills and talent supply gaps facing the state's life science industry. Such programs include those focused on biomanufacturing, data science, and regulatory affairs occupations, among others, and have at least one industry partnership.

Furthermore, the MLSC is committed to increasing diversity, equity, and inclusion within the life sciences workforce and will prioritize investment in programs that serve underrepresented populations.

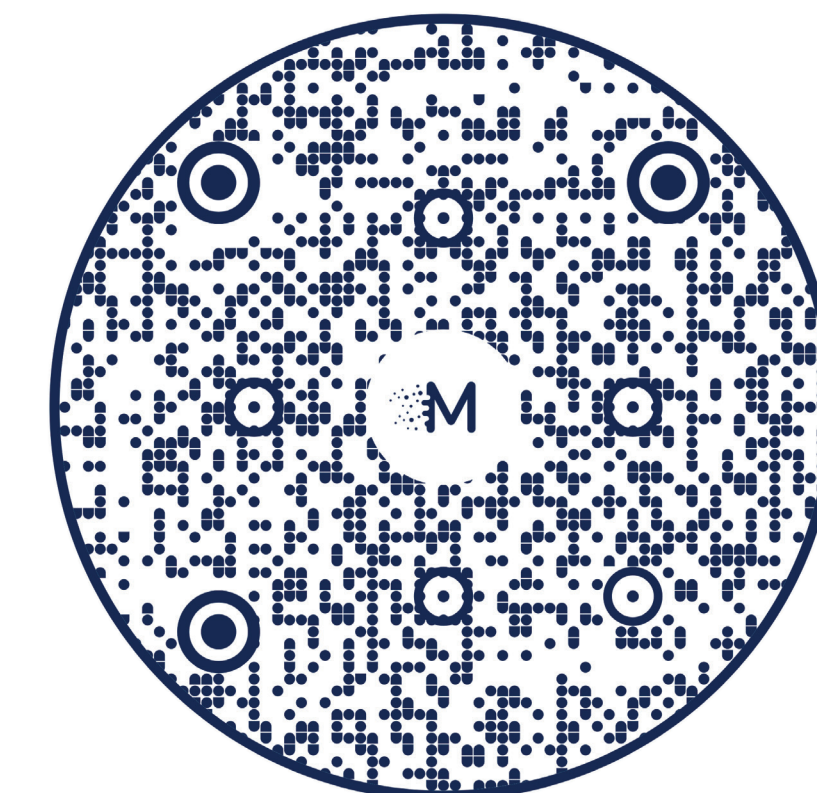
Case Study

Massachusetts Maritime Academy received \$750,000 in FY23 to create and outfit a Phase I Instrumentation, Operation and Controls (IOC) engineering laboratory which will modernize, upgrade, and renovate existing resources specifically supporting each of Mass Maritime's three undergraduate engineering degrees.

The IOC will help close the skills gap ensuring students are well prepared to work successfully in plant and facility management, including those that support the growing life sciences industry and have demonstrated knowledge and skills in these specialized areas.

The lab will also contribute to the Academy's adult continuing and professional workforce development programs and supplement middle and high school career exploration programming.





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Eligibility Requirements

- Applicants must be a Massachusetts legally organized not-for-profit college, university, or organization delivering post-secondary life sciences training
- Funding must be requested for equipment, supplies, materials, and/or technology to support training that prepares students with skills needed for life sciences careers
- Programs must have a focus on skills training for high-demand occupations within the life sciences

The MLSC is interested in supporting applicants that will further its goal of developing a skilled workforce suitable for employment in the life sciences, particularly in high-demand occupations. Successful proposals will explain how the requested equipment and supplies will create learning opportunities that are aligned with the needs of the life sciences industry.

Impact on the Ecosystem

New state-of-the-art facilities outfitted with industry-standard equipment are now available in all regions of Massachusetts following a decade of strategic investment. The MLSC previously awarded nearly \$200 million to 55 colleges and universities to support the construction, renovation, and/or outfitting of life sciences classrooms, labs, and training facilities.

More than 120 grants have enabled higher education institutions to train students in first-rate laboratories and provide them with skill-sets that meet the needs of their region's life sciences employers.



The critical mission of the [MLSC] was one inspiration for the development of our new B.Sc. in Biotechnology program, and we are now thrilled to augment the training in that major, and all our science programs, with CERTI-Biotech (Certified Employment Ready as Trained Instrumentalists in Biotechnology). With this support, we are excited to prepare our student scientists to be the Commonwealth's next innovators and leaders in biotech."

Pádraig Deighan, Ph.D.
Associate Professor of Biology, School of Science & Health
Emmanuel College

