

FY 2024 Annual Report

Fiscal Year Highlights, Bottom Line, & Appendices



Fiscal Year 2024 Highlights

\$13.1 million invested in Workforce Development Capital Grants and STEM Equipment & Professional Development Grants

\$11.2 million total investment in Women's Health, Data Science, and Novel Therapeutics across 15 research institutions

\$11.5 million total investments in the Research Infrastructure Program across four unique research institutions

\$5.2 million invested in Pathmaker training organizations across the Commonwealth

37,124 students served and 468 teachers trained across 91 schools via STEM Equipment & Professional Development Grants

1,293 new life sciences jobs via Tax Incentive program with 19 companies expanding outside Boston/Cambridge

Since Inception

\$6.5 billion+ leveraged investments generated in the state

\$29.5 million supporting early-stage companies

17,500+ jobs created in Massachusetts through various Center programs

7,000+ college and high school internships funded at more than 1,100 companies

325 public high schools and middle schools served through STEM Equipment & Professional Development Grants



The Bottom Line

**\$1.03
billion**
Total Funding



9,032
Total Awards



Programs	Award Amount	# of Awards
Capital Infrastructure and Research Equipment	\$ 594,210,780	212
Tax Incentives	\$ 207,683,090	494
Internships and Apprenticeships	\$ 48,805,992	7,037
STEM Equipment and Supplies	\$ 26,784,603	524
STEM Professional Development for Teachers	\$ 1,983,557	313
Company Grants and Loans	\$ 40,311,823	131
Workforce Capital and Pathmaker.....	\$ 38,188,261	68
Women's Health Programs	\$ 18,344,413	54
Other Grants	\$ 51,219,442	199

FY 2024 Financial Summary

Statement of Net Position as of June 30, 2024

Assets:	
Current assets	\$ 54,452,300
Noncurrent assets	\$ 699,681
Right-to-use leased and SBITAs assets, net	\$ 1,539,952
Capital assets	\$ 87,653
Total assets	\$ 56,779,586
Liabilities:	
Current liabilities	\$ 21,262,284
Noncurrent liabilities	\$ 1,329,197
Total liabilities	\$ 22,591,481
Net position:	
Net investment in capital assets	\$ (48,142)
Unrestricted	\$ 34,236,247
Total net position	\$ 34,188,105
Total liabilities and net position	\$ 56,779,586

Statements of Revenues, Expenses and Changes in Net Position

July 1, 2023 - June 30, 2024

Revenues and expenses:	
Operating revenues	\$ 36,484,758
Operating expenses	\$ (51,264,433)
Operating loss	\$ (14,779,675)
Nonoperating revenues	\$ 1,867,965
Capital contributions	\$ 12,700,000
Increase (decrease) in net position	\$ (211,710)

The complete audited financial statements are available on the Massachusetts Life Sciences Center website: www.masslifesciences.com or you can request a copy by calling 781-373-7777 or emailing info@masslifesciences.com

Fiscal Year 2024 Investments

Awards and Programs Approved by the MLSC Board of Directors

Month-Year	Awards	Program	Headquarters/ Work Performed	Total
Jul-23	Gloucester Marine Genomics Institute (GMGI)	CEO Discretionary	Gloucester	\$19,164
Sep-23	Jewish Vocational Service, Inc.	Pathmaker	Boston	\$680,000
Sep-23	Quincy College	Pathmaker	Quincy	\$750,000
Nov-23	Mass Insight Education & Research	CEO Discretionary	Boston	\$5,988
Nov-23	Boys & Girls Clubs of Metro South	CEO Discretionary	Brockton	\$50,000
Nov-23	The BASE	CEO Discretionary	Boston	\$50,000
Nov-23	FY24-25 Internship Programs	Internship Challenge	Various - Statewide	\$4,900,000
Nov-23	Massachusetts Biotechnology Education Foundation, Inc. (MassBioEd)	Pathmaker	Cambridge	\$240,000
Nov-23	Massachusetts Manufacturing Extension Partnership, Inc. (MassMEP)	Pathmaker	Auburn	\$150,000
Nov-23	3WMN Ventures, LLC (Akeyna Medical)	MassNextGen	Boston	\$97,500
Nov-23	Pathflow, Inc.	MassNextGen	Cambridge	\$97,500
Nov-23	Promakhos Therapeutics, Inc.	MassNextGen	Somerville	\$97,500
Nov-23	Guardian Bio, Inc.	MassNextGen	Cambridge	\$97,500
Nov-23	Tatum Robotics, LLC	MassNextGen	Hudson	\$97,500
Dec-23	Science Club for Girls, Inc.	CEO Discretionary	Cambridge	\$50,000
Dec-23	2024 M2D2 \$200K Challenge (Lilypad Health)	Innovation Challenge	Lynnfield	\$50,000
Dec-23	Myra EB Systems, LLC	Pathmaker	Boxborough	\$220,000
Feb-24	UMass Amherst	Research Infrastructure	Amherst	\$4,416,301
Feb-24	Massachusetts General Hospital	Research Infrastructure	Boston	\$3,250,000
Feb-24	UMass Lowell	Research Infrastructure	Lowell	\$1,321,200
Feb-24	BioBuilder Educational Foundation, Inc.	Pathmaker	Boston	\$144,000
Feb-24	Worcester Polytechnic Institute	Pathmaker	Worcester	\$600,000
Feb-24	Bioversity, Inc.	Pathmaker	Boston	\$750,000
Mar-24	FY24 Angel Investors	Angel Investor Tax Credit	Various - Statewide	\$512,265
Mar-24	Massachusetts General Hospital	First Look Award	Boston	\$50,000
Mar-24	Worcester Polytechnic Institute	First Look Award	Worcester	\$50,000
Mar-24	Massachusetts General Hospital	First Look Award	Boston	\$50,000
Mar-24	Massachusetts General Hospital	First Look Award	Boston	\$50,000
Mar-24	Brigham and Women's Hospital	First Look Award	Boston	\$50,000
Mar-24	Northeastern University	Pathmaker	Boston	\$664,021
Mar-24	The Bioprocess Group	Pathmaker	Belmont	\$219,200
Mar-24	Middlesex Community College	Pathmaker	Bedford	\$292,445
Mar-24	Baystate Medical Center	Pathmaker	Springfield	\$100,000
Mar-24	Harvard Medical School	Pathmaker	Boston	\$479,398
Mar-24	Massachusetts General Hospital	Women's Health Innovation	Boston	\$180,849
Mar-24	Beth Israel Deaconess Medical Center	Women's Health Innovation	Boston	\$147,191
Mar-24	Tufts University	Women's Health Innovation	Boston	\$299,949
Mar-24	Harvard University	Women's Health Innovation	Cambridge	\$298,714
Mar-24	Beth Israel Deaconess Medical Center	Women's Health Innovation	Boston	\$258,199
Mar-24	Tufts University	Women's Health Innovation	Boston	\$299,821
Mar-24	Northeastern University	Women's Health Innovation	Boston	\$300,000

Month-Year	Awards	Program	Headquarters/ Work Performed	Total
Mar-24	McLean Hospital	Women's Health Innovation	Belmont	\$251,800
Mar-24	Boston Children's Hospital	Women's Health Innovation	Boston	\$299,796
Mar-24	Beth Israel Deaconess Medical Center	Women's Health Innovation	Boston	\$299,944
May-24	Boston Children's Hospital	Research Infrastructure	Boston	\$2,557,584
May-24	Affini-T Therapeutics, Inc.	Tax Incentive	Watertown	\$250,000
May-24	Agilent Technologies, Inc.	Tax Incentive	Chicopee	\$250,000
May-24	Berkshire Sterile Manufacturing	Tax Incentive	Lee	\$500,000
May-24	Charles River Laboratories, Inc.	Tax Incentive	Wilmington	\$875,000
May-24	Dicerna Pharmaceuticals, Inc. (Novo Nordisk)	Tax Incentive	Lexington	\$1,312,500
May-24	Disc Medicine, Inc.	Tax Incentive	Watertown	\$250,000
May-24	Eli Lilly and Company	Tax Incentive	Boston	\$437,000
May-24	EyePoint Pharmaceuticals, Inc.	Tax Incentive	Northbridge	\$500,000
May-24	Imprivata, Incorporated	Tax Incentive	Waltham	\$297,500
May-24	Instrumentation Laboratory Company	Tax Incentive	Bedford	\$525,000
May-24	Insulet Corporation	Tax Incentive	Acton	\$1,925,000
May-24	Integra LifeSciences Corporation	Tax Incentive	Boston	\$875,000
May-24	Lyra Therapeutics, Inc.	Tax Incentive	Waltham	\$1,950,000
May-24	Moderna	Tax Incentive	Norwood	\$6,037,500
May-24	Pace Analytical Services, LLC	Tax Incentive	Woburn	\$892,500
May-24	Sirtex Medical US Holdings, Inc.	Tax Incentive	Woburn	\$250,000
May-24	Spear Bio, Inc.	Tax Incentive	Woburn	\$250,000
May-24	Synterex, Inc.	Tax Incentive	Dedham	\$250,000
May-24	TScan Therapeutics, Inc.	Tax Incentive	Waltham	\$250,000
May-24	Vericel Corporation	Tax Incentive	Burlington	\$975,000
May-24	Vertex Pharmaceuticals, Inc.	Tax Incentive	Boston	\$5,250,000
May-24	Viridian Therapeutics, Inc.	Tax Incentive	Waltham	\$375,000
May-24	Beth Israel Deaconess Medical Center	Bits to Bytes	Boston	\$750,000
May-24	Brigham and Women's Hospital	Bits to Bytes	Boston	\$750,000
May-24	Worcester Polytechnic Institute	Bits to Bytes	Worcester	\$750,510
May-24	UMass Chan Medical School	Bits to Bytes	Worcester	\$800,000
May-24	Dana-Farber Cancer Institute	Novel Therapeutics Delivery	Boston	\$750,000
May-24	Beth Israel Deaconess Medical Center	Novel Therapeutics Delivery	Boston	\$750,000
May-24	Boston University	Novel Therapeutics Delivery	Boston	\$750,000
May-24	Wyss Institute at Harvard	Novel Therapeutics Delivery	Boston	\$750,000
May-24	Beth Israel Deaconess Medical Center	Novel Therapeutics Delivery	Boston	\$750,000
May-24	Tufts University & UMass Boston	Novel Therapeutics Delivery	Boston	\$711,767
May-24	Boston University	Women's Health Collaboration	Boston	\$805,660
Jun-24	American International College	Workforce Development Capital	Springfield	\$500,000
Jun-24	BioBuilder Educational Foundation, Inc.	Workforce Development Capital	Boston	\$631,082
Jun-24	Bunker Hill Community College	Workforce Development Capital	Boston	\$449,786
Jun-24	Harvard Medical School - MEDscience	Workforce Development Capital	Boston	\$70,800
Jun-24	Just A Start	Workforce Development Capital	Cambridge	\$200,191
Jun-24	MCPHS University (Massachusetts College of Pharmacy and Health Sciences)	Workforce Development Capital	Boston	\$500,000
Jun-24	Massachusetts Maritime Academy	Workforce Development Capital	Buzzards Bay	\$500,000
Jun-24	MassBay Community College	Workforce Development Capital	Wellesley	\$463,381

Month-Year	Awards	Program	Headquarters/ Work Performed	Total
Jun-24	Middlesex Community College	Workforce Development Capital	Bedford	\$750,000
Jun-24	Quincy College	Workforce Development Capital	Quincy	\$641,652
Jun-24	Regis College	Workforce Development Capital	Weston	\$746,476
Jun-24	Roxbury Community College	Workforce Development Capital	Boston	\$331,048
Jun-24	Smith College	Workforce Development Capital	Northampton	\$555,232
Jun-24	UMass Dartmouth	Workforce Development Capital	Dartmouth	\$737,449
Jun-24	UMass Lowell	Workforce Development Capital	Lowell	\$749,907
Jun-24	UMass Lowell (M2D2) - Bioversity	Workforce Development Capital	Lowell	\$658,527
Jun-24	Urban College of Boston	Workforce Development Capital	Boston	\$122,542
Jun-24	Wentworth Institute of Technology	Workforce Development Capital	Boston	\$500,000
Jun-24	Western New England University	Workforce Development Capital	Springfield	\$500,000
Jun-24	Williams College	Workforce Development Capital	Williamstown	\$744,446
Jun-24	Abby Kelley Foster Charter Public School	STEM Equipment and Professional Development	Worcester	\$36,895
Jun-24	Athol-Royalston Regional School District	STEM Equipment and Professional Development	Athol	\$65,767
Jun-24	Ayer Shirley Regional High School	STEM Equipment and Professional Development	Ayer	\$85,000
Jun-24	Blackstone Valley Regional Voc Tech HS	STEM Equipment and Professional Development	Upton	\$59,716
Jun-24	Blue Hills Regional Technical School	STEM Equipment and Professional Development	Canton	\$95,617
Jun-24	Boston Collegiate Charter School	STEM Equipment and Professional Development	Dorchester	\$52,000
Jun-24	Brockton Public Schools	STEM Equipment and Professional Development	Brockton	\$108,946
Jun-24	Carver Public Schools	STEM Equipment and Professional Development	Carver	\$47,523
Jun-24	Collegiate Charter School of Lowell	STEM Equipment and Professional Development	Lowell	\$132,351
Jun-24	Essex North Shore Agricultural and Technical School District	STEM Equipment and Professional Development	Hathorne	\$96,620
Jun-24	Fitchburg Public Schools	STEM Equipment and Professional Development	Fitchburg	\$74,844
Jun-24	Framingham Public Schools	STEM Equipment and Professional Development	Framingham	\$159,617
Jun-24	Greater Lawrence Technical School	STEM Equipment and Professional Development	Andover	\$99,982
Jun-24	Innovation Academy Charter School	STEM Equipment and Professional Development	Tyngsborough	\$54,977
Jun-24	Lowell Public Schools	STEM Equipment and Professional Development	Lowell	\$186,922
Jun-24	Mass Insight Education & Research Institute	STEM Equipment and Professional Development	Springfield	\$61,693
Jun-24	Massachusetts Biotechnology Education Foundation	STEM Equipment and Professional Development	Cambridge	\$136,462
Jun-24	Minuteman Regional Vocational Technical School District	STEM Equipment and Professional Development	Lexington	\$100,000
Jun-24	New Bedford Public Schools	STEM Equipment and Professional Development	New Bedford	\$220,000
Jun-24	New Heights Charter School	STEM Equipment and Professional Development	Brockton	\$52,000
Jun-24	Norton Public Schools	STEM Equipment and Professional Development	Norton	\$29,750
Jun-24	Pathfinder Regional Vocational Technical High School	STEM Equipment and Professional Development	Palmer	\$53,962
Jun-24	Quabbin Regional School District	STEM Equipment and Professional Development	Barre	\$68,400
Jun-24	Randolph Public Schools	STEM Equipment and Professional Development	Randolph	\$30,000
Jun-24	Revere Public Schools	STEM Equipment and Professional Development	Revere	\$79,831
Jun-24	Salem Public Schools	STEM Equipment and Professional Development	Salem	\$169,175
Jun-24	South Shore Charter Public School	STEM Equipment and Professional Development	Norwell	\$25,589
Jun-24	Stoughton Public Schools	STEM Equipment and Professional Development	Stoughton	\$9,620
Jun-24	Woburn Public Schools	STEM Equipment and Professional Development	Woburn	\$64,189
Jun-24	Worcester Public Schools	STEM Equipment and Professional Development	Worcester	\$339,671
			Total	\$71,789,905

MassNextGen is also supported by funds from Takeda, Johnson & Johnson Innovation, Bristol Myers Squibb, Massachusetts Biomedical Initiatives, and Mintz.

Capital Awards from Inception through June 30, 2024

Program	Grantee	Infrastructure Related Project	Total Award	Year of Award	Status at End of FY 2024
Workforce Development Capital	American International College	Life Sciences Lab Improvements	\$499,526	FY 2024	Ongoing
Capital Program	Bay Path College	Planning Grant	\$50,000	FY 2013	Completed
Capital Program	Bay Path University	Equipment for Workforce Training	\$499,996	FY 2015	Completed
Capital Program	Baystate Health	Clinical Trials Unit	\$3,949,912	FY 2019	Completed
Capital Program	BayState Medical Center	Health Informatics and Technology Innovation Center (HITIC)	\$5,500,000	FY 2013	Completed
Women's Health	BayState Medical Center	Evaluation of novel biomarkers for the early detection of ovarian and breast cancer	\$458,259	FY 2023	Ongoing
Workforce Capital	Benjamin Franklin Cummings Institute of Technology	Biotechnology Program	\$749,936	FY 2022	Ongoing
Capital Program	Berkshire Community College	Equipment for Workforce Training	\$499,998	FY 2015	Completed
Capital Program	Berkshire Innovation Center	Life Sciences Incubator - Berkshire Innovation Center (BIC)	\$11,970,000	FY 2018	Completed
Bits to Bytes	Beth Israel Deaconess Medical Center	Advance the development of diagnostic and prognostic biomarkers for NASH	\$750,000	FY 2022	Completed
Bits to Bytes	Beth Israel Deaconess Medical Center	Creating a Large Clinically Annotated Dataset of Antibody and TCR Repertoires in Cancer and Infectious Disease	\$684,394	FY 2021	Completed
Capital Program	Beth Israel Deaconess Medical Center	Organ on chip facility in a hospital setting	\$1,705,471	FY 2020	Completed
Capital Program	Beth Israel Deaconess Medical Center	Innovative Glycoscience for Diagnostic and Therapeutic Advances	\$1,401,046	FY 2022	Completed
Novel Therapeutics Delivery	Beth Israel Deaconess Medical Center	Hepatocyte-specific delivery of RNA therapy for liver failure	\$750,000	FY 2022	Ongoing
Novel Therapeutics Delivery	Beth Israel Deaconess Medical Center	SARS-CoV-2 Variants, Viral Pneumonia, Encephalitis, Sentinel Discovery, Diagnostics and Technology Evaluation	\$749,687	FY 2022	Ongoing
Women's Health	Beth Israel Deaconess Medical Center	The Lactation Lab: Improving the health of two generations by optimizing breastfeeding	\$857,317	FY 2020	Completed
Women's Health Innovation	Beth Israel Deaconess Medical Center	Develop first in class agents that mitigate the underlying causes of preeclampsia	\$110,000	FY 2021	Completed
Bits to Bytes	Beth Israel Deaconess Medical Center	Advance the development of diagnostic and prognostic biomarkers for NASH	\$750,000	FY 2024	Ongoing
Bits to Bytes	Beth Israel Deaconess Medical Center	Echocardiogram and electrocardiogram extension to the MIMIC database	\$636,938	FY 2020	Completed
Capital Program	Beth Israel Deaconess Medical Center	Spatial Technologies Unit in the Precision Medicine Initiative at BIDMC	\$3,307,756	FY 2021	Completed
Novel Therapeutics Delivery	Beth Israel Deaconess Medical Center	Development of novel active and programmable scaffolds for targeted therapeutic agent delivery in chronic wounds	\$750,000	FY 2024	Ongoing
Novel Therapeutics Delivery	Beth Israel Deaconess Medical Center	Immune-mediated HBV viral clearance: In-Depth In Situ Analysis of Vaccine-Induced, HBV-Specific T Cells Targeting Infected Liver Organoids	\$750,000	FY 2024	Ongoing
Women's Health Innovation	Beth Israel Deaconess Medical Center	Non-invasive Point-Of-Care Hemoglobin Testing in Pregnancy	\$47,400	FY 2024	Ongoing
Women's Health Innovation	Beth Israel Deaconess Medical Center	Assessment of Left Ventricular Ejection Fraction in Pregnant and Postpartum Patients Using a Novel Handheld Ultrasound Device with AI-Assisted Algorithm	\$158,200	FY 2024	Ongoing
Women's Health Innovation	Beth Israel Deaconess Medical Center	Second generation dual-function redox modulators for Preeclampsia therapy	\$200,000	FY 2024	Ongoing
Capital Program	BioBuilder	Learning Lab at LabCentral	\$500,000	FY 2017	Ongoing
Workforce Development Capital	BioBuilder Educational Foundation, Inc.	BioTechBuilder Learning Lab @ Allston	\$631,083	FY 2024	Ongoing
Bits to Bytes	Boston Children's Hospital	Precision Nutrition for Term-born Infants	\$749,950	FY 2021	Completed
Research Infrastructure	Boston Children's Hospital	Stem Cell Imaging and Therapeutics Center	\$2,557,584	FY 2024	Ongoing
Women's Health Innovation	Boston Children's Hospital	Personalized bacterial vaginosis (BV) Treatments: Harnessing Organ Chip Models to Tackle Health Inequity	\$200,000	FY 2024	Ongoing
Bits to Bytes	Boston Children's Hospital	Subcellular Dynamics	\$658,167	FY 2019	Completed
Capital Program	Boston Children's Hospital	Cell Therapy Center Improvements	\$4,014,031	FY 2013	Completed
Capital Program	Boston Children's Hospital	Human Neuron Core Improvements	\$2,263,133	FY 2015	Completed
Capital Program	Boston Children's Hospital	Center for Accelerated Therapeutic Development	\$1,523,992	FY 2019	Completed
Women's Health Innovation	Boston Medical Center	Non-hormonal female contraceptive	\$191,466	FY 2021	Completed
Women's Health Innovation	Boston Medical Center	Refining a novel, non-hormonal, long-acting female contraceptive device	\$200,000	FY 2023	Ongoing
Capital Program	Boston University	Biomedical Lab and Clinical Sciences Program	\$180,000	FY 2015	Completed
Novel Therapeutics Delivery	Boston University	Advancing the delivery of genome editors with next-generation non-viral delivery systems	\$750,000	FY 2024	Ongoing
Novel Therapeutics Delivery	Boston University	Glycosylation analysis techniques and software to enable generation of more effective Influenza A virus vaccines	\$749,349	FY 2020	Completed
Women's Health Collaboration	Boston University	Novel Biosensors for Monitoring Fertility at the Point of Care	\$805,660	FY 2024	Ongoing

Program	Grantee	Infrastructure Related Project	Total Award	Year of Award	Status at End of FY 2024
Women's Health Innovation	Boston University	Development of novel breast cancer therapies by targeting epigenetic dysregulation in tumors	\$195,094	FY 2021	Completed
Capital Program	Boston University	Business Innovation Center (BIC) at the BU Photonics Center	\$363,750	FY 2015	Completed
Capital Program	Boston University Medical School	Center for Translational Neurotrauma Imaging	\$4,896,000	FY 2019	Completed
Capital Program	Boston University Medical School	Lung Regeneration Initiative (LRI) Stem Cell Facility	\$1,743,648	FY 2015	Completed
Workforce Capital	Bridgewater State University	Biological Sciences	\$623,400	FY 2023	Ongoing
Capital Program	Brigham and Women's Hospital	High Field Mass Spectrometry	\$5,000,000	FY 2019	Completed
Capital Program	Brigham and Women's Hospital	Enabling Computational and Quantitative Microbiology to Promote Commonwealth Innovation	\$3,346,155	FY 2022	Completed
Capital Program	Brigham and Women's Hospital	MAGNUS – next-generation MRI scanner to advance brain research in Massachusetts	\$3,026,942	FY 2022	Completed
Women's Health	Brigham and Women's Hospital	The Multiomic Multiple Sclerosis Brain	\$748,114	FY 2022	Ongoing
Bits to Bytes	Brigham and Women's Hospital	Advancing Point-of-Care Ultrasound Imaging through Deep Learning Model Development	\$750,000	FY 2024	Ongoing
Bits to Bytes	Brigham and Women's Hospital	Artificial Intelligence Guidance for High-Yield Point-of-Care Ultrasound Applications	\$740,940	FY 2021	Completed
Capital Program	Brigham and Women's Hospital	Ultrahigh-Resolution Molecular Imaging for Accelerated Drug Development	\$2,402,909	FY 2023	Completed
Bits to Bytes	Brigham and Women's Hospital	Natural History of Neurofilament Concentrations and Mechanisms of Healthy Aging	\$728,559	FY 2020	Completed
Capital Program	Brigham and Women's Hospital	Host-Microbiome Center	\$2,603,537	FY 2015	Completed
Women's Health	Brigham and Women's Hospital	The Lactation Lab: Improving the health of two generations by optimizing breastfeeding	\$267,647	FY 2020	Completed
Bits to Bytes	Brigham and Women's Hospital	Serum miRNA	\$750,000	FY 2019	Completed
Bits to Bytes	Brigham and Women's Hospital	Deep molecular profile of in vivo glioblastoma response to multiple, individual drugs simultaneously as a clinical data set to support development of drugs targeting brain cancer	\$748,065	FY 2023	Ongoing
Bits to Bytes	Brigham and Women's Hospital & BIDMC	The Perinatal Systems Biology Program: Leveraging data science and multi-omics approaches for the health of two generations	\$762,616	FY 2023	Ongoing
Capital Program	Bristol Community College	Cleanroom-like suite educational space	\$4,400,000	FY 2017	Completed
Workforce Capital	Bristol Community College	Analytical Chemistry Training Laboratory	\$525,225	FY 2022	Completed
Bits to Bytes	Broad Institute	Cell Painting	\$821,000	FY 2019	Completed
Bits to Bytes	Broad Institute	Data driven approaches to cardio diseases	\$750,000	FY 2019	Completed
Bits to Bytes	Broad Institute	OASIS: Exploring Cell Painting and -omics for Liver Toxicity Assessment	\$1,011,039	FY 2023	Ongoing
Workforce Development Capital	Bunker Hill Community College	AS in Biological Sciences Program	\$449,786	FY 2024	Ongoing
Capital Program	Bunker Hill Community College	Equipment for Workforce Training	\$200,000	FY 2013	Completed
Capital Program	Cape Cod Community College	Equipment for Workforce Training	\$394,912	FY 2014	Completed
Workforce Capital	Cape Cod Community College	AA Biology/Biotechnology Certificate	\$221,670	FY 2022	Completed
Capital Program	City of Taunton	Development of Life Sciences Center in City of Taunton	\$55,000	FY 2014	Completed
Workforce Capital	Clark University	Chemistry & Biochemistry	\$750,000	FY 2023	Ongoing
Capital Program	Dana Farber Cancer Institute	Establish an immunotherapy platform for antibody and CAR therapeutics discovery and translation	\$2,715,438	FY 2023	Ongoing
Women's Health	Dana Farber Cancer Institute	Optimizing the treatment in high-risk hormone receptor positive breast cancer through a multi-omic integrative holistic approach	\$750,000	FY 2023	Ongoing
Capital Program	Dana-Farber Cancer Institute	Molecular Cancer Imaging Facility (MCIF)	\$10,000,000	FY 2012	Completed
Capital Program	Dana-Farber Cancer Institute	Advanced Cell Therapy Unit at the Cell Manipulation Core Facility	\$4,629,019	FY 2017	Completed
Capital Program	Dana-Farber Cancer Institute	Mass Spectrometry Metabolomics Solutions. Charting Metabolic Disease Development and Therapeutic Outcomes	\$1,824,016	FY 2021	Completed
Capital Program	Dana-Farber Cancer Institute	Center for Emergent Drug Targets	\$2,811,397	FY 2022	Completed
Novel Therapeutics Delivery	Dana-Farber Cancer Institute	RNA/LNP delivery of optimized CAR for immunotherapy of cancer	\$750,000	FY 2024	Ongoing
Women's Health	Dana-Farber Cancer Institute	Leveraging Digital Pathology to Identify and Cure High Risk Breast Cancer	\$748,075	FY 2021	Completed
Women's Health Innovation	Dana-Farber Cancer Institute	Study of microbiome in relation to breast cancer and treatment options	\$194,636	FY 2021	Completed
Women's Health Innovation	Dana-Farber Cancer Institute	Microdevice to measure drug response in ovarian cancer patients	\$200,000	FY 2021	Ongoing
Capital Program	Dean College	Biology Laboratory Equipment	\$297,030	FY 2017	Completed
Workforce Capital	Dean College	Cell and Molecular Biology; New Chemistry lab	\$615,917	FY 2023	Ongoing
Workforce Capital	Emmanuel College	CERTI-Biotech: Certified Employment Ready as Trained Instrumentalists	\$581,416	FY 2023	Ongoing
Workforce Capital	Fitchburg State University	Biotechnology and Bioinformatics	\$746,316	FY 2023	Ongoing
Capital Program	Framingham State University	Science Center Laboratories Renovation	\$454,000	FY 2017	Completed
Workforce Capital	Framingham State University	Biotechnology - NMR spectrometer and LC-Mass Spec	\$496,195	FY 2023	Completd

Program	Grantee	Infrastructure Related Project	Total Award	Year of Award	Status at End of FY 2024
Capital Program	Framingham State University	Hemenway Hall Science Center	\$3,000,000	FY 2014	Completed
Workforce Capital	Framingham State University	Professional Science Master's (PSM) in Biotechnology, with concentration in Quality Assurance	\$19,516	FY 2022	Completed
Capital Program	Framingham Wastewater and Pumping Station	Pleasant Street Water Transmission Line	\$12,860,534	FY 2009	Completed
Capital Program	Gloucester Marine Genomics Institute	Marine Genomics Research Institute at Gloucester Harbor	\$2,744,219	FY 2017	Completed
Capital Program	Gloucester Marine Genomics Institute	Cell Culture Lab	\$174,383	FY 2019	Completed
Workforce Capital	Gloucester Marine Genomics Institute	Cell Culture	\$99,197	FY 2023	Completed
Workforce Capital	Gloucester Marine Genomics Institute	Biomanufacturing Expansion and Program Scale	\$556,928	FY 2022	Completed
Bits to Bytes	Harvard Medical School	Metabolomics and Big Data	\$750,000	FY 2019	Completed
Capital Program	Harvard Medical School	Laboratory of Systems Pharmacology expansion	\$4,345,000	FY 2017	Completed
Women's Health	Harvard Medical School	Pathfinder: Studying Lymphocyte Repertoire Dynamics During Pregnancy in Autoimmune Sufferers	\$735,000	FY 2021	Completed
Women's Health	Harvard Medical School	Improving selectivity of an MeCP2 exon-editor for Rett Syndrome	\$750,000	FY 2023	Ongoing
Capital Program	Harvard Medical School	Laboratory Systems of Pharmacology (LSP)	\$4,999,921	FY 2013	Completed
Workforce Development Capital	Harvard Medical School - MEDscience	MEDscience Workforce Development Program	\$70,800	FY 2024	Ongoing
Capital Program	Harvard School of Public Health	BioBank for Microbiome Research (BIOM-Mass)	\$4,912,307	FY 2017	Completed
Bits to Bytes	Harvard School of Public Health	Microbiome in chronic disease management	\$688,533	FY 2019	Completed
Bits to Bytes	Harvard School of Public Health	High Throughput Laboratory for Advanced Immunological Testing for Clinical and Public Health Surveillance	\$737,950	FY 2021	Completed
Novel Therapeutics Delivery	Harvard School of Public Health	Advancing CNS Therapeutic Delivery via ARMMs	\$268,633	FY 2020	Completed
Capital Program	Harvard T.H. Chan School of Public Health	Create an advanced bioimaging center for pathogens in BSL3 containment	\$1,850,084	FY 2023	Completed
Women's Health Innovation	Harvard University	Novel brain shuttle mediated anti-HER2 therapeutics for breast cancer brain metastasis	\$200,000	FY 2024	Ongoing
Capital Program	Holyoke Community College	Center for Life Sciences	\$3,800,000	FY 2013	Completed
Capital Program	Holyoke Community College	Equipment for Workforce Training	\$300,000	FY 2015	Completed
Capital Program	Institute for Protein Innovation	Open-source Antibody Discovery platform	\$5,000,000	FY 2017	Completed
Workforce Capital	Jewish Vocational Service, Inc. (JVS)	Bridges to College and Careers Biotechnology Pathway Expansion: Boston Healthcare and Life Sciences Career Institute	\$521,425	FY 2022	Completed
Capital Program	Joslin Diabetes Center	Translational Center for the Cure of Diabetes	\$5,000,000	FY 2012	Completed
Workforce Development Capital	Just A Start	Rindge Commons Economic Mobility Hub – Bioscience Lab	\$200,191	FY 2024	Ongoing
Workforce Capital	Just A Start	The Rindge Commons Economic Mobility Hub - Bioscience Lab	\$740,970	FY 2022	Ongoing
Capital Program	Just-A-Start	Equipment	\$46,079	FY 2014	Completed
Capital Program	Just-A-Start	Equipment	\$49,992	FY 2015	Completed
Capital Program	Lab Central 238	Build-out facility to bridge gaps as startups design and test the processes prior to full-scale GMP production	\$5,000,000	FY 2019	Completed
Capital Program	LabCentral	Accelerator Lab	\$4,955,515	FY 2013	Completed
Capital Program	LabCentral	Accelerator Lab Expansion	\$5,000,000	FY 2014	Completed
Workforce Capital	LabCentral	LabCentral Ignite Career Forge Program	\$668,773	FY 2023	Ongoing
Women's Health Innovation	Lahey Hospital & Medical Center	Define Gender-Specific Modifiers of Immune Predisposition to Long-haul COVID-19.	\$199,854	FY 2023	Ongoing
Capital Program	Lahey Hospital & Medical Center	Image-guided Therapy Innovation Center	\$3,143,016	FY 2022	Completed
Workforce Capital	Lasell University	Virtual Reality and Artificial Intelligence Scientific Discovery	\$744,629	FY 2023	Ongoing
Workforce Capital	Lasell University	Life Science Program: Biochemistry and Biology Majors	\$703,632	FY 2022	Completed
Capital Program	MA Green High Performance Computing Center	Commonwealth Computational Cloud for Data Driven Biology Facility (C3DDB)	\$4,540,000	FY 2013	Completed
Capital Program	Marine Biological Laboratory	Building Capacity and a Community for Correlative Imaging Technology in Southeastern Massachusetts	\$4,350,011	FY 2023	Completed
Capital Program	Marine Biological Laboratory in Woods Hole	Center for Regenerative Biology and Medicine	\$10,000,000	FY 2009	Completed
Workforce Capital	Mass College of Liberal Arts	Life Sciences at MCLA	\$253,542	FY 2022	Completed
Workforce Capital	Mass Maritime Academy	Instrumentation, Operation and Controls (IOC) Engineering Laboratory	\$750,000	FY 2022	Completed
Capital Program	Massachusetts Biomedical Initiatives	Expanding the Central MA Biomedical Infrastructure to Grow the Regional Cluster	\$3,494,256	FY 2019	Completed
Capital Program	Massachusetts Biomedical Initiatives	Expansion of Incubator Space	\$500,000	FY 2020	Completed
Capital Program	Massachusetts Biomedical Initiatives	MBI ScaleUp Center Expansion	\$3,000,000	FY 2022	Completed

Program	Grantee	Infrastructure Related Project	Total Award	Year of Award	Status at End of FY 2024
Workforce Capital	Massachusetts College of Liberal Arts	Quality Control and Assurance (QC/A) Program; Biology and Chemistry	\$626,536	FY 2023	Ongoing
Novel Therapeutics Delivery	Massachusetts Eye and Ear Infirmary	Optimization of the AAV manufacturing pipeline to produce better quality and higher yield recombinant AAV	\$675,847	FY 2023	Ongoing
Bits to Bytes	Massachusetts General Hospital	An integrative platform to understand and exploit cancer metabolism	\$750,000	FY 2020	Completed
Capital Program	Massachusetts General Hospital	Transforming Clinical Research for Brain Health	\$4,805,000	FY 2019	Completed
Capital Program	Massachusetts General Hospital	Mass General Tumor Cartography Center	\$3,633,519	FY 2022	Completed
Novel Therapeutics Delivery	Massachusetts General Hospital	High-throughput translational microPET/CT imaging for radiotracer development and drug delivery	\$749,670	FY 2022	Completed
Novel Therapeutics Delivery	Massachusetts General Hospital	High resolution pharmacokinetics: imaging drug delivery from administration to on-target activity (high-res PK DATA)	\$749,998	FY 2020	Completed
Novel Therapeutics Delivery	Massachusetts General Hospital	Advancing CNS Therapeutic Delivery via ARMMs	\$481,367	FY 2020	Completed
Novel Therapeutics Delivery	Massachusetts General Hospital	High-field MRI to enable development of diagnostics and therapeutics	\$749,949	FY 2023	Completed
Research Infrastructure	Massachusetts General Hospital	Towards Integrative Medicine - Next-generation Whole-Body PET/CT to Study Interconnected Systems	\$3,250,000	FY 2024	Ongoing
Women's Health Innovation	Massachusetts General Hospital	Prediction of Pregnancy Outcomes Using Deep Learning Estimation of Cardiorespiratory Fitness (VO2 PEAK)	\$80,849	FY 2024	Ongoing
Women's Health Innovation	Massachusetts General Hospital	Treatment of autoimmune conditions through CAR-T cells	\$200,000	FY 2021	Completed
Women's Health Innovation	Massachusetts General Hospital	Single-cell and multiomic approach to molecular and cellular ecosystem to understand women's health conditions	\$197,977	FY 2021	Completed
Women's Health Innovation	Massachusetts General Hospital	Lead AMHR2 agonist selection for contraception and women's health	\$200,000	FY 2023	Ongoing
Bits to Bytes	Massachusetts General Hospital	Facilitating drug development for neurodegenerative diseases	\$666,500	FY 2020	Completed
Bits to Bytes	Massachusetts Institute of Technology	Echocardiogram and electrocardiogram extension to the MIMIC database	\$358,918	FY 2020	Completed
Novel Therapeutics Delivery	Massachusetts Institute of Technology	Regioselective conjugation of peptides to the major histocompatibility complex I (MHC I)	\$747,427	FY 2020	Completed
Bits to Bytes	Massachusetts Institute of Technology	Integrating CRISPR-based screens with genetic risk data to elucidate CNS cell dysfunction in multiple sclerosis	\$250,090	FY 2022	Ongoing
Bits to Bytes	Massachusetts Institute of Technology	Decoding Complex Chronic Illness	\$750,000	FY 2023	Ongoing
Building Breakthroughs	Massachusetts Institute of Technology	Model Predictive Control for Improved Product Quality in the Production of Viral Vectors-	\$732,674	FY 2019	Completed
Building Breakthroughs	Massachusetts Institute of Technology	Continuous Countercurrent Tangential Chromatography (CCTC)	\$750,000	FY 2019	Completed
Capital Program	Massachusetts Institute of Technology	Technology Platform for Brain Research	\$1,838,000	FY 2015	Completed
NIIMBL	Massachusetts Institute of Technology	Blended Learning Cell Therapy Course	\$330,200	FY 2018	Completed
NIIMBL	Massachusetts Institute of Technology	Viral Vaccines	\$225,612	FY 2019	Completed
NIIMBL	Massachusetts Institute of Technology	Small-scale Membrane-less Perfusion Bioreactor System	\$267,182	FY 2019	Completed
NIIMBL	Massachusetts Institute of Technology	Modularized PAT Online Training Platform to Accelerate the Workforce Innovation in Biopharmaceuticals Manufacturing	\$264,164	FY 2021	Completed
NIIMBL	Massachusetts Institute of Technology	Integrated Continuous USP Platform for Maximum Productivity and Closed-loop controlled CQA	\$61,099	FY 2023	Completed
Women's Health	Massachusetts Institute of Technology	Nerve-immune Interactions as A Target of Endometriosis and Adenomyosis therapies	\$665,000	FY 2021	Completed
Women's Health Innovation	Massachusetts Institute of Technology	Increasing access to egg freezing through automation	\$195,621	FY 2021	Completed
Women's Health Innovation	Massachusetts Institute of Technology	Sex differences in high resolution immune profiling of infection-associated chronic illness	\$178,234	FY 2023	Completed
Women's Health Innovation	Massachusetts Institute of Technology	Clinical assay development for TNBC patient stratification	\$200,000	FY 2023	Ongoing
Workforce Development Capital	Massachusetts Maritime Academy	Natural & Life Science Laboratory Development	\$500,000	FY 2024	Ongoing
Capital Program	MassBay Community College	Therapeutics and Genomics Training	\$500,000	FY 2019	Completed
Workforce Development Capital	MassBay Community College	Equipment to Strengthen the Biotechnology/Biomanufacturing Programs	\$463,381	FY 2024	Ongoing
Capital Program	MassBay Community College	Planning Grant	\$43,920	FY 2014	Completed
Workforce Capital	MassBay Community College	Center for Biotherapeutics and Genomics Training	\$726,748	FY 2022	Completed
NIIMBL	MassBiologics	Improve Lentiviral Vector Biomanufacturing for Cell and Gene Therapy Applications	\$447,566	FY 2018	Completed
NIIMBL	MassBiologics	Viral Vaccines	\$185,540	FY 2019	Completed
Capital Program	MassBiologics-UMass Medical School	Vector Manufacturing Center (VMC) in Mattapan Facility	\$5,000,000	FY 2014	Completed
Women's Health Innovation	McLean Hospital	Evaluating the Impact of a Novel Cannabinoid Product for Endometriosis	\$151,800	FY 2024	Ongoing
Workforce Capital	MCPHS University (Massachusetts College of Pharmacy and Health Sciences)	Pharmaceutical Sciences	\$630,600	FY 2022	Completed

Program	Grantee	Infrastructure Related Project	Total Award	Year of Award	Status at End of FY 2024
Workforce Capital	MCPHS University (Massachusetts College of Pharmacy and Health Sciences)	Pharmaceutical Sciences and Toxicology	\$747,762	FY 2023	Completed
Workforce Development Capital	MCPHS University (Massachusetts College of Pharmacy and Health Sciences)	Life Science Development Workforce of the Future	\$500,000	FY 2024	Ongoing
Capital Program	Merrimack College	Interdisciplinary Imaging and Analytical Science Equipment	\$500,000	FY 2017	Completed
Workforce Capital	Merrimack College	Life Sciences - Industry-Based Experiential Learning (LS-IBEL); Mass Spec	\$749,911	FY 2023	Completed
Workforce Development Capital	Middlesex Community College	Production/Maintenance Technician Training Program (PMTTP)	\$750,000	FY 2024	Ongoing
Capital Program	Middlesex Community College	Planning Grant	\$36,664	FY 2013	Completed
Capital Program	Middlesex Community College	Biotechnology Training Facility	\$3,000,000	FY 2014	Completed
Workforce Capital	Middlesex Community College	Biotechnology Technician (AS), Biology Transfer (AS)	\$750,000	FY 2022	Completed
Capital Program	Mount Wachusett Community College	Equipment for Workforce Training	\$499,146	FY 2014	Completed
Capital Program	Mount Wachusett Community College	Medical laboratory technology classroom	\$1,646,725	FY 2017	Completed
Capital Program	Museum of Science	Hall of Human Life Exhibit	\$5,000,000	FY 2012	Completed
Capital Program	Museum of Science	Race to the Vaccine Exhibition	\$1,512,062	FY 2021	Completed
Capital Program	New Bedford Economic Development Council	Regional Incubation Center for Life Science Initiatives	\$75,000	FY 2014	Completed
Capital Program	North Shore Biotech Consortium	Life Sciences Consortium of the North Shore	\$5,000,000	FY 2014	Completed
Workforce Capital	North Shore Biotech Consortium	Enhancing the Life Sciences Workforce Pipeline in the North of Boston Region	\$1,630,686	FY 2022	Ongoing
Capital Program	North Shore InnoVentures	NSIV Expansion	\$1,500,000	FY 2019	Completed
Capital Program	North Shore InnoVentures	Nurturing Strengths and Building Opportunities in Metro-North's Life Science Community	\$3,100,000	FY 2022	Completed
Bits to Bytes	Northeastern University	Understanding macrophage polarization by data-driven single-cell proteomics	\$780,000	FY 2022	Completed
Capital Program	Northeastern University	Biopharma Analysis Training Lab	\$4,271,867	FY 2019	Completed
NIIMBL	Northeastern University	Modularized PAT Online Training Platform to Accelerate the Workforce Innovation in Biopharmaceuticals Manufacturing	\$374,391	FY 2021	Completed
NIIMBL	Northeastern University	Advanced Bioprocess Sensor and Analytical Technologies for Induced Pluripotent Stem Cell Culture Online Monitoring and Automation	\$370,970	FY 2023	Completed
Novel Therapeutics Delivery	Northeastern University	CNS Delivery of Nucleic Acid Therapeutics using MIND	\$749,858	FY 2021	Completed
Women's Health Innovation	Northeastern University	InCITE: A Biomaterial Platform to Overcome Barriers to Drug Delivery (ovarian cancer)	\$200,000	FY 2024	Ongoing
Bits to Bytes	Northeastern University	In Silico design of an array chromophores	\$749,968	FY 2019	Completed
Capital Program	Northern Essex Community College	Haverhill and Lawrence Labs	\$1,242,000	FY 2013	Completed
Workforce Capital	Nubian Square Ascends	NuSq Life Science Training Center	\$1,489,653	FY 2023	Ongoing
Capital Program	Pittsfield Economic Development Authority	Planning Grant	\$55,000	FY 2013	Completed
Capital Program	Quincy College	Workforce Training in Biomanufacturing: Upstream & Downstream Processing	\$725,739	FY 2019	Completed
NIIMBL	Quincy College	Equipment and supplies needed to support new gene and cell therapy training.	\$49,928	FY 2020	Completed
Workforce Development Capital	Quincy College	Industry-aligned Certificate and Degree Program for Training Skilled Workforce in Biomanufacturing	\$641,652	FY 2024	Ongoing
Capital Program	Quincy College	Equipment for Workforce Training	\$78,799	FY 2013	Completed
Capital Program	Quincy College	Equipment for Workforce Training	\$499,872	FY 2014	Completed
NIIMBL	Quincy College	Equipment and supplies to support life sciences education and training	\$459,118	FY 2023	Ongoing
Workforce Capital	Quincy College	Biomanufacturing Industry-Aligned Certificate and Degree	\$737,370	FY 2022	Completed
Capital Program	Quinsigamond Community College	Equipment for Workforce Training	\$310,000	FY 2013	Completed
Capital Program	Quinsigamond Community College	Equipment for Workforce Training	\$499,880	FY 2014	Completed
Capital Program	Quinsigamond Community College	Capital and Equipment	\$4,999,998	FY 2015	Completed
Workforce Development Capital	Regis College	Enhancing Laboratory Management for Life Sciences Workforce	\$746,476	FY 2024	Ongoing
Capital Program	Regis College	Planning Grant	\$50,000	FY 2013	Completed
Capital Program	Regis College	Equipment for Workforce Training	\$355,000	FY 2015	Completed
Workforce Capital	Roxbury Community College	Biotechnology and Biological Science	\$222,153	FY 2023	Ongoing
Workforce Development Capital	Roxbury Community College	Support Request for Biological Science (AS)(C) and Biotechnology (AS)(C) Programs	\$331,048	FY 2024	Ongoing
Capital Program	Roxbury Community College	Capital and Equipment	\$3,000,000	FY 2015	Completed
Capital Program	Smith College	Equipment - Center for Molecular Biology, Microscopy & Imaging	\$489,435	FY 2017	Completed

Program	Grantee	Infrastructure Related Project	Total Award	Year of Award	Status at End of FY 2024
Workforce Development Capital	Smith College	Empowering Women in the Life Sciences Workforce: Advanced Training Through the Integration of NMR Spectroscopy	\$555,232	FY 2024	Ongoing
Capital Program	Springfield Technical Community College	Planning Grant	\$85,673	FY 2013	Completed
Capital Program	Springfield Technical Community College	Biomedical Engineering Lab	\$972,850	FY 2015	Completed
Capital Program	The Forsyth Institute	Forsyth Center for Salivary Diagnostics (FCSD)	\$4,133,215	FY 2013	Completed
Capital Program	The Forsyth Institute	Host Microbiome Center	\$2,210,229	FY 2015	Completed
Capital Program	The Mansfield Bio-Incubator	Bio-incubator Laboratory infrastructure expansion project	\$2,000,000	FY 2020	Completed
Bits to Bytes	Tufts University	Noninvasive detection of bladder cancer through advanced nanoscale imaging and machine learning analysis	\$749,937	FY 2021	Completed
Bits to Bytes	Tufts University	Advancing animal models of disease with spatial multi-omics and quantitative image analysis	\$750,000	FY 2023	Completed
Capital Program	Tufts University	Establishing a state of the art comparative infectious disease pathology core to accelerate translational research	\$2,027,244	FY 2021	Completed
Novel Therapeutics Delivery	Tufts University	Transdermal delivery of monoclonal antibody therapy using macro-porous structured hard microneedle technology	\$745,403	FY 2021	Completed
Novel Therapeutics Delivery	Tufts University	Brain delivery of mRNA using neurotransmitter derived lipid nanoparticles	\$604,599	FY 2023	Ongoing
Women's Health	Tufts University	Elucidating sex differences in network aberrations in depression while building equitable infrastructure for research	\$251,507	FY 2021	Completed
Women's Health Innovation	Tufts University	Novel imaging modality and image analysis to decrease the number of unnecessary colposcopies during screening for cervical cancer	\$200,000	FY 2024	Ongoing
Women's Health Innovation	Tufts University	Benchtop Testing of a Medical Device to Treat Cervical Insufficiency	\$200,000	FY 2024	Ongoing
Women's Health Innovation	Tufts University	A Smart Garment for Women's Health Monitoring	\$175,000	FY 2023	Ongoing
Women's Health Innovation	Tufts University	Real-Time, Colorimetric Sensing Wearable Product and App Design for the Diagnosis and Long-Term Management of Bacterial Vaginosis	\$100,000	FY 2023	Ongoing
Novel Therapeutics Delivery	Tufts University & UMass Boston	Characterization of Protein-Based Nanoparticles for Life Science Needs	\$711,767	FY 2024	Ongoing
Capital Program	Tufts/Cummings School of Veterinary Medicine	School of Veterinary Medicine (NE-RBL)	\$9,500,000	FY 2009	Completed
Capital Program	UMass Amherst	Acquisition of Synapt G2-32k Mass Spectrometer for biopharmaceutical	\$299,329	FY 2020	Completed
Capital Program	UMass Amherst	Enhancement of the UMass Amherst Light Microscopy Facility for cutting edge	\$515,617	FY 2020	Completed
Capital Program	UMass Amherst	SampleJet, high throughput sample changing roboto for NMR	\$129,900	FY 2020	Completed
Capital Program	UMass Amherst	MLSC Open Capital Flow Cytometry at UMass Amherst	\$1,100,259	FY 2020	Completed
Women's Health	UMass Amherst	Artificial Intelligence for Menopause Symptoms (AIMS)	\$747,107	FY 2020	Completed
Capital Program	UMass Amherst	Life Sciences Laboratory Research Center Complex	\$95,000,000	FY 2013	Completed
Capital Program	UMass Amherst	Provide a cryo-transmission electron microscope facility for Western Massachusetts	\$1,655,774	FY 2023	Completed
Capital Program	UMass Amherst	Expand light microscopy offerings to enhance biomedical training and research	\$1,554,994	FY 2023	Completed
Research Infrastructure	UMass Amherst	UMass Amherst 800 MHz NMR for structural biology, metabolomics and workforce development	\$4,416,301	FY 2024	Ongoing
Women's Health Innovation	UMass Amherst	Thermal therapeutic to regulate sleeping in menopausal women	\$199,911	FY 2021	Completed
Bits to Bytes	UMass Boston	The Oregon-Massachusetts Mammography Database (OMAMA-DB)	\$749,834	FY 2020	Completed
Capital Program	UMass Boston	Profile gene expression using spatial transcriptomics	\$1,288,464	FY 2023	Ongoing
Bits to Bytes	UMass Boston	Development of a bispecific antibody for treatment of tumors that targets EGFR, NRP1 and resistant to heparin binding	\$749,993	FY 2022	Ongoing
Capital Program	UMass Boston	Conversion of Venture Development Center (VDC)	\$588,848	FY 2014	Completed
Capital Program	UMass Boston	NextGen Sequencing at the Next Level: UMass Boston CPCT Genomic Core	\$387,808	FY 2020	Completed
Capital Program	UMass Boston	Biophysical Instrumentation Core for Molecular Interactions, Thermodynamics, and Structure for Life Sciences	\$1,647,201	FY 2022	Completed
Capital Program	UMass Boston	Center for Personalized Cancer Therapy (CPCT)	\$9,878,503	FY2011/ FY2014	Completed
Bits to Bytes	UMass Chan Medical School	AI in high resolution neurovascular imaging	\$750,000	FY 2019	Completed
Bits to Bytes	UMass Chan Medical School	Spatial transcriptomic approaches to map neuroinflammation in neurodegenerative disease	\$742,818	FY 2020	Completed
Capital Program	UMass Chan Medical School	Albert Sherman Center	\$90,000,000	FY 2010	Completed
Capital Program	UMass Chan Medical School	Titan Krios Microscope for the MACryoEM	\$5,000,000	FY 2015	Completed
Capital Program	UMass Chan Medical School	UMass Chan Medical School Positron Emission Tomography Center	\$1,370,315	FY 2020	Completed
Capital Program	UMass Chan Medical School	Enhancing Innovation in Drug Discovery at UMass Chan Medical School	\$926,305	FY 2020	Completed

Program	Grantee	Infrastructure Related Project	Total Award	Year of Award	Status at End of FY 2024
Capital Program	UMass Chan Medical School	Massachusetts Center for High-Resolution Electron Cryomicroscopy	\$2,797,610	FY 2021	Completed
Capital Program	UMass Chan Medical School	Enabling nanoscale imaging of viruses of pandemic potential at UMCMS	\$2,017,040	FY 2022	Completed
Women's Health	UMass Chan Medical School	Improving Breast Cancer Diagnosis Using Artificial Intelligence in Mammography Screenings	\$750,000	FY 2020	Completed
Women's Health	UMass Chan Medical School	Breast Cancer Detection Empowered by Contrast Agents, Spectral CT, and Machine Learning	\$150,225	FY 2020	Completed
Bits to Bytes	UMass Chan Medical School	Expanding into 3 dimensions: a new spatial -omics technology at UMass Chan	\$800,000	FY 2024	Ongoing
Capital Program	UMass Chan Medical School	Establish the Massachusetts NMR Consortium	\$2,331,572	FY 2023	Completed
Women's Health Innovation	UMass Chan Medical School	Developing TAS2R-based therapeutics for preterm birth management	\$200,000	FY 2023	Ongoing
Capital Program	UMass Dartmouth	Massachusetts Accelerator for Biomanufacturing (MAB)	\$20,600,000	FY 2012	Completed
Capital Program	UMass Dartmouth	Advanced Technology Manufacturing Center (ATMC)	\$11,400,000	FY 2012	Completed
Workforce Capital	UMass Dartmouth	Stepping Stones: Achieving Greater Diversity in Life Sciences through Laboratory Science	\$748,953	FY 2022	Completed
Workforce Development Capital	UMass Dartmouth	SouthCoast Biomanufacturing Training Program	\$737,449	FY 2024	Ongoing
Building Breakthroughs	UMass Lowell	Integrated Continuous Biopharma Manufacturing	\$637,601	FY 2019	Completed
Capital Program	UMass Lowell	Perry Hall build out for BME Program Laboratories	\$5,000,000	FY 2017	Completed
NIIMBL	UMass Lowell	Lyophilization Scale-up	\$1,000,000	FY 2018	Completed
NIIMBL	UMass Lowell	Bioreactor Trace Meal Quantification	\$246,754	FY 2018	Completed
NIIMBL	UMass Lowell	Lyophilization Scale-up (Additional funding)	\$299,779	FY 2019	Completed
NIIMBL	UMass Lowell	Developing a Fluorescence-based Multi-step IEX-HPLC Method for Quantification of Capsid in AAV products	\$216,090	FY 2021	Completed
Capital Program	UMass Lowell	Emerging Technologies and Innovation Center (ETIC)	\$10,000,000	FY 2012	Completed
Capital Program	UMass Lowell	Big Company/Little Company (M2D2 Innovation Hub)	\$5,046,592	FY 2014	Completed
Capital Program	UMass Lowell	Establishing a public small animal imaging core research facility for Northeast Massachusetts	\$1,132,949	FY 2020	Completed
NIIMBL	UMass Lowell	Advanced Bioprocess Sensor and Analytical Technologies for Induced Pluripotent Stem Cell Culture Online Monitoring and Automation	\$353,000	FY 2023	Completed
NIIMBL	UMass Lowell	Integrated Continuous USP Platform for Maximum Productivity and Closed-loop controlled CQA	\$681,057	FY 2023	Completed
Research Infrastructure	UMass Lowell	Advanced Liquid Chromatography Mass - Spectrometer for State-of-the-art Proteomics Applications in Life Sciences at UMass Lowell	\$1,321,200	FY 2024	Ongoing
Women's Health	UMass Lowell	Breast Cancer Detection Empowered by Contrast Agents, Spectral CT, and Machine Learning	\$590,496	FY 2020	Completed
Women's Health Innovation	UMass Lowell	Got milk? Harnessing human milk as a liquid biopsy to diagnose lactation disorders	\$149,000	FY 2023	Ongoing
Workforce Capital	UMass Lowell	Biomanufacturing Workforce Development Program	\$644,451	FY 2022	Completed
Workforce Development Capital	UMass Lowell	Biology Workforce-Based Curriculum and Laboratory Modernization Project	\$749,907	FY 2024	Ongoing
Workforce Development Capital	UMass Lowell (M2D2) - Bioversity	Bioversity Merrimack Valley	\$658,527	FY 2024	Ongoing
Workforce Capital	University of Massachusetts Dartmouth	Biomanufacturing Training Program	\$352,855	FY 2023	Completed
Workforce Capital	University of Massachusetts Lowell	Pathogen Diagnostics Certificate Program	\$746,756	FY 2023	Ongoing
Workforce Development Capital	Urban College of Boston	Science Simulation Laboratory & Curriculum Program	\$122,542	FY 2024	Ongoing
Capital Program	Venture Cafe	Capital Improvements to District Hall	\$347,000	FY 2014	Completed
Capital Program	Wellesley College	Planning Grant - Renovation of Life Sciences Center	\$49,376	FY 2015	Completed
Workforce Development Capital	Wentworth Institute of Technology	Synthetic-biology Proficiency, Outreach, and Talent Source (SPOTS)	\$498,424	FY 2024	Ongoing
Workforce Development Capital	Western New England University	Master of Science in Pharmaceutical Engineering	\$500,000	FY 2024	Ongoing
Capital Program	Western New England University	Equipment for Workforce Training	\$497,449	FY 2014	Completed
Capital Program	Westfield State University	Planning Grant - Center for Biotechnology at WSU	\$43,564	FY 2017	Completed
Women's Health	Westfield State University	Predictive modeling to create "bioprofiles": for use in personalized medicine in women's health	\$491,905	FY 2020	Completed
Workforce Development Capital	Williams College	Big Brains, Big Data, Big Impact: Hands-On Data Science Training for Undergraduates in the Life Sciences	\$744,446	FY 2024	Ongoing
Building Breakthroughs	Worcester Polytechnic Institute	Recombinant Adeno-Associated Virus	\$566,815	FY 2019	Completed
Capital Program	Worcester Polytechnic Institute	Cell Engineering Research Accelerator @ WPI	\$877,314	FY 2020	Completed
Women's Health Innovation	Worcester Polytechnic Institute	Increase understanding of maternal-fetal interface through lipid-based models	\$135,316	FY 2021	Completed
Bits to Bytes	Worcester Polytechnic Institute	Development of a robust strategy for production of vaccine adjuvants in Quillaja saponaria plant cell suspension culture	\$750,510	FY 2024	Ongoing
Workforce Capital	Worcester Polytechnic Institute	Strengthening and Expanding BETC Workforce Engagement	\$720,603	FY 2022	Completed

Program	Grantee	Infrastructure Related Project	Total Award	Year of Award	Status at End of FY 2024
Capital Program	Worcester Polytechnic Institute	Biomanufacturing Education and Training Center (BETC)	\$5,149,999	FY 2010	Completed
NIIMBL	Worcester Polytechnic Institute	SPIDER Project	\$139,984	FY 2018	Completed
NIIMBL	Worcester Polytechnic Institute	Blended Learning Cell Therapy Course	\$262,267	FY 2018	Completed
Workforce Capital	Worcester State University	Collaborative Teaching Methods (CoTEAM) to Enhance Life Sciences Workforce Development	\$652,689	FY 2022	Completed
Novel Therapeutics Delivery	Wyss Institute at Harvard	Advancing brain shuttles toward IND through NHP studies and optimization for diverse drug types	\$750,000	FY 2024	Ongoing
Novel Therapeutics Delivery	Wyss Institute at Harvard	New targets and novel antibody shuttles for brain delivery of therapeutics	\$749,956	FY 2020	Completed
			Total	\$641,415,682	

Certified Life Sciences Companies

List of Certified Active Life Sciences Companies as of June 30, 2024

Company	Location
3WMN Ventures, LLC (Akeyna Medical)	Boston
4Immune Therapeutics, Inc.	Westwood
Abiomed, Inc.	Danvers
Access Vascular	Billerica
AcousticaBio Inc.	Cambridge
Aera Therapeutics	Boston
Affini-T Therapeutics	Watertown
Agilent Technologies, Inc.	Chicopee
AiM Medical Robotics Inc.	Worcester
Alden Scientific Incorporated	Cambridge
Alloy Therapeutics, Inc.	Lexington
Allurion Technologies	Natick
Alnylam Pharmaceuticals, Inc.	Cambridge
Amorphex Therapeutics Holdings, Inc.	Andover
Amsel Medical	Cambridge
Anodyne Nanotech, Inc.	Medford
Apellis Pharmaceuticals, Inc.	Waltham
Ascidian Therapeutics	Boston
AutonomUS Medical Technologies Inc.	Cambridge
Beam Therapeutics, Inc.	Cambridge
Berkshire Sterile Manufacturing	Lee
BioEntre, LLC	Brookline
Biometry, Inc.	Lowell
BioSens8	Boston
Boston Cell Standards, Inc.	Boston
Bristol-Myers Squibb Company	Devens
Brixton Biosciences, Inc.	Cambridge
Cellens, Inc.	Woburn
Centaur Labs	Boston
Charles River Laboratories, Inc.	Wilmington
Cognoptix, Inc.	Marlborough
Concerto Biosciences	Cambridge
Corner Therapeutics	Watertown
CranioSense, Inc.	Bedford
CRISPR Therapeutics, Inc.	Cambridge
Day Zero Diagnostics, Inc.	Boston
Decoy Therapeutics, Inc.	Cambridge
Dicerna Pharmaceuticals, Inc. (Novo Nordisk)	Lexington
Disc Medicine, Inc.	Watertown
Domus Diagnostics	Lincoln
Eli Lilly and Company	Boston
Empallo, Inc.	Cambridge

Company	Location
Excellims Corporation	Acton
EyeCool Therapeutics, Inc.	Cambridge
EyePoint Pharmaceuticals, Inc.	Northbridge
Fog Pharmaceuticals, Inc.	Cambridge
Ginkgo Bioworks, Inc.	Boston
Glycologix, Inc.	Beverly
Guardian Bio, Inc.	Cambridge
Haystack Diagnostics, Inc.	Lowell
Hepatochem, Inc.	Beverly
Hilltop BioSciences, Inc.	Mansfield
Hunter Biodiscovery Inc.	Boston
Imprivata, Incorporated	Waltham
Inozyme Pharma, Inc.	Boston
Instrumentation Laboratory Company	Bedford
Insulet Corporation	Acton
Integra LifeSciences Corporation	Boston
Intellia Therapeutics	Cambridge
Intera Oncology, Inc.	Wellesley Hills
JURA Bio	Worcester
Kano Therapeutics	Cambridge
Kymera Therapeutics, Inc.	Cambridge
Leukocare	Milford
Lexington Medical, Inc.	Bedford
Lilypad Health	Lynnfield
Lonza Biologics	Cambridge
Lykan Bioscience, LLC	Hopkinton
Lyra Therapeutics, Inc.	Waltham
Manifold Bio	Boston
Mevion Medical Systems, Inc.	Littleton
Miltenyi Biotec, Inc.	Waltham
Modella AI, Inc.	Charlestown
Modelo Health, Inc.	Boston
ModernaTX, Inc.	Norwood
ModeX Therapeutics	Natick
Morphic Therapeutic, Inc.	Waltham
Mustang Bio, Inc.	Worcester
Nanopath	Cambridge
Navigation Sciences, Inc.	Brookline
NED Medical, Inc.	Norwell
New England Biolabs, Inc.	Ipswich
New View Surgical, Inc.	Boston
Nova Biomedical Corporation	Waltham

Company	Location
Nucleate	Boston
Optikos Corp.	Wakefield
OrthoFundamentals	Waltham
Pace Analytical Services, LLC	Woburn
Pathflow, Inc.	Cambridge
Phiex Technologies, Inc.	Boston
Prime Medicine	Boston
Promakhos Therapeutics, Inc.	Somerville
QSM Diagnostics, Inc.	Boston
Quanterix Corporation	Billerica
Qura Inc.	Duxbury
Regenerative Bioelectronics Inc.	Worcester
Rejoni, Inc.	Bedford
Rentschler Biopharma, Inc.	Milford
Robigo, Inc.	Cambridge
Sarepta	Cambridge
Seismic Therapeutic	Cambridge
Sensorium Therapeutics, Inc.	Boston
Sidereal Therapeutics	North Grafton
Sirtex Medical US Holdings, Inc.	Woburn
Snapdragon Chemistry	Waltham
Spear Bio, Inc.	Woburn
Spheric Bio	Cambridge
Stoke Therapeutics, Inc.	Bedford

Company	Location
Strand Therapeutics	Boston
Synterex, Inc.	Dedham
Tatum Robotics, LLC	Hudson
Tessera	Somerville
Theromics, Inc.	West Bridgewater
Tome Biosciences	Watertown
Treeline Biosciences	Watertown
TScan Therapeutics, Inc.	Waltham
Ultragenyx Pharmaceutical, Inc.	Cambridge
Vedanta	Cambridge
Vericel Corporation	Burlington
Vertex Pharmaceuticals, Inc.	Boston
Verve Therapeutics, Inc.	Boston
Vesigen, Inc.	Cambridge
Viridian Therapeutics, Inc.	Waltham
Wuxi Biologics USA, LLC	Worcester
Zoll Medical Corporation	Chelmsford

FY 2024 Board Approved Angel Investor Tax Credit Recipients

Tax Payer/Investor	Qualifying Business	Location
M. Damiani	AcousticaBio Inc.	Cambridge
M. Sheahan	AiM Medical Robotics Inc	Worcester
P. Thier	AiM Medical Robotics Inc	Worcester
D. Gloth	Anodyne Nanotech, Inc.	Boston
J. Gentile	Anodyne Nanotech, Inc.	Boston
L. Singer	Anodyne Nanotech, Inc.	Boston
M. Singer	Anodyne Nanotech, Inc.	Boston
S. Singer	Anodyne Nanotech, Inc.	Boston
S. Favaloro	Anodyne Nanotech, Inc.	Boston
J. Warner	AutonomUS Medical Technologies Inc.	Cambridge
T. Pierce	AutonomUS Medical Technologies Inc.	Cambridge
A. Watson	Biometry, Inc.	Lowell
CG Berwind 1963 Trust fbo LBS et al	Biometry, Inc.	Lowell
C. Hagedorn	Biometry, Inc.	Lowell
J. Markowitz	Biometry, Inc.	Lowell
J. Gentile	Biometry, Inc.	Lowell
K. Venkataramani	Biometry, Inc.	Lowell
K. Barazi	Biometry, Inc.	Lowell
L. Singer	Biometry, Inc.	Lowell
S. Singer	Biometry, Inc.	Lowell
S. Kevlahan	Biometry, Inc.	Lowell
S. Haber	Biometry, Inc.	Lowell
T. Sridhar	Biometry, Inc.	Lowell
CG Berwind 1963 Trust for GBW et al	Biometry, Inc.	Lowell
A. O'Neal	Biometry, Inc.	Lowell
A. Anderson	Biometry, Inc.	Lowell

Tax Payer/Investor	Qualifying Business	Location
A. Zecha	Biometry, Inc.	Lowell
A. Beletsky	Biometry, Inc.	Lowell
B. Dacey	Biometry, Inc.	Lowell
D. Sidebotham	Biometry, Inc.	Lowell
J. Stoler	Biometry, Inc.	Lowell
J. Manaras	Biometry, Inc.	Lowell
K. Estridge	Biometry, Inc.	Lowell
L. Shiekman	Biometry, Inc.	Lowell
S. Egan	Biometry, Inc.	Lowell
S. Taylor	Biometry, Inc.	Lowell
S. Nixdorff	Biometry, Inc.	Lowell
T. Melconian	Biometry, Inc.	Lowell
R. Niblack	CranioSense, Inc.	Bedford
A. O'Neal	Hilltop BioSciences, Inc.	Mansfield
A. Litwin	Hilltop BioSciences, Inc.	Mansfield
A. Anderson	Hilltop BioSciences, Inc.	Mansfield
A. Zecha	Hilltop BioSciences, Inc.	Mansfield
A. Beletsky	Hilltop BioSciences, Inc.	Mansfield
B. Dacey	Hilltop BioSciences, Inc.	Mansfield
B. Walsh	Hilltop BioSciences, Inc.	Mansfield
C. Cuddy	Hilltop BioSciences, Inc.	Mansfield
D. Sidebotham	Hilltop BioSciences, Inc.	Mansfield
D. O'Neill	Hilltop BioSciences, Inc.	Mansfield
D. Perrin	Hilltop BioSciences, Inc.	Mansfield
G. Rockett	Hilltop BioSciences, Inc.	Mansfield
H. Aurora	Hilltop BioSciences, Inc.	Mansfield

Tax Payer/Investor	Qualifying Business	Location
J. Pitch	Hilltop BioSciences, Inc.	Mansfield
J. Stoler	Hilltop BioSciences, Inc.	Mansfield
J. Gorecki	Hilltop BioSciences, Inc.	Mansfield
J. Manaras	Hilltop BioSciences, Inc.	Mansfield
J. Bakes	Hilltop BioSciences, Inc.	Mansfield
K. Estridge	Hilltop BioSciences, Inc.	Mansfield
L. Shiekman	Hilltop BioSciences, Inc.	Mansfield
L. Wintersteen	Hilltop BioSciences, Inc.	Mansfield
M. Douglas	Hilltop BioSciences, Inc.	Mansfield
M. Sly	Hilltop BioSciences, Inc.	Mansfield
M. Taylor	Hilltop BioSciences, Inc.	Mansfield
M. Kaleel	Hilltop BioSciences, Inc.	Mansfield
P. Swaim	Hilltop BioSciences, Inc.	Mansfield
P. Nyffeler	Hilltop BioSciences, Inc.	Mansfield
P. Ferlazzo	Hilltop BioSciences, Inc.	Mansfield
P. Green	Hilltop BioSciences, Inc.	Mansfield
S. Egan	Hilltop BioSciences, Inc.	Mansfield
S. Taylor	Hilltop BioSciences, Inc.	Mansfield
S. Brown	Hilltop BioSciences, Inc.	Mansfield
S. Nixdorff	Hilltop BioSciences, Inc.	Mansfield
T. Melconian	Hilltop BioSciences, Inc.	Mansfield

Tax Payer/Investor	Qualifying Business	Location
T. Tosukhowong	Hilltop BioSciences, Inc.	Mansfield
T. Fetter	Hilltop BioSciences, Inc.	Mansfield
T. Sylvestro	Hilltop BioSciences, Inc.	Mansfield
A. Lafrate	Hunter Biodiscovery Inc.	Boston
D. Weitz	Hunter Biodiscovery Inc.	Boston
L. Le	Modella AI, Inc.	Charlestown
R. Niblack	NED Medical, Inc.	Norwell
J. Brooks III	Qura Inc.	Duxbury
L. Derose	Regenerative Bioelectronics Inc.	Worcester
R. Sumberg	Regenerative Bioelectronics Inc.	Worcester

Internship Host Organizations (2023-24 Program Year)

Organization	Location
3D BioLabs, LLC	Watertown
AB Biosciences, Inc.	Concord
Abi-Lab	Natick
Abio-X Holdings, Inc.	Waltham
Abpro Corporation	Woburn
AcousticaBio	Cambridge
Activ Surgical	Boston
ADA Forsyth Inc	Cambridge
AdMeTech Foundation	Boston
Advanced Silicon Group	Lincoln
Affinia Therapeutics, Inc.	Waltham
AI Measurements	Worcester
Akaza Research, LLC (DBA OpenClinica)	Waltham
Akili Interactive Labs, Inc.	Boston
Alcyone Therapeutics	Lowell
Aldatu Biosciences	Cambridge
AltrixBio Inc.	Cambridge
Amplyus, LLC	Cambridge
Anderson Biotest, Inc.	Bedford
Aphios Corporation	Woburn
Applied Pathology Systems	Shrewsbury
ARD Corp.	North Andover
Arkea Bio Corp	Boston
Arrakis Therapeutics	Waltham
Arsenal Medical	Watertown
Asimov, Inc.	Boston
Astria Therapeutics	Boston
Atavistik Bio	Cambridge
Aura Biosciences Inc	Boston

Organization	Location
Axiom Optics Inc	Somerville
Axonis Therapeutics, Inc.	Boston
Barrett Technology, Inc.	Newton
Batavia Bioservices Inc	Woburn
Baystate Medical Center	Springfield
Be Biopharma, Inc.	Cambridge
BioBuilder Educational Foundation	Cambridge
Biometry, Inc.	Lowell
BioSensics, LLC	Cambridge
Biostage, Inc.	Holliston
BioSurfaces, Inc.	Ashland
Bloomer Health Tech	Boston
Blossom Innovations	Waltham
Bluejay Diagnostics, Inc.	Acton
Blueprint Medicines	Cambridge
Boston Bioskills Lab	Boston
Boston Children's Hospital	Boston
Boston University	Boston
BostonSight	Needham
Boyd Biomedical, Inc	Lee
Boys and Girls Clubs of Metro South	Taunton/Brockton
BrainSpec	Boston
Brigham and Women's Hospital	Boston
Broad Institute	Cambridge
BurnCam Medical	Boston
Cambridge Scientific Labs	Watertown
Cambridge Scientific Products	Watertown
CANbridge Pharmaceutical Inc	Burlington
Candel Therapeutics	Needham

Organization	Location
Carbon Biosciences, Inc.	Lexington
CatAilyst Inc	Needham
CaviSense	Boston
Celldex Therapeutics, Inc.	Needham
Cellens, Inc.	Medford
Centaur Diagnostics, Inc.	Boston
China Med Device	Cambridge
Clade Therapeutics, Inc.	Boston
Clark University	Worcester
CleanCrop Technologies, Inc.	Haydenville
Coalesenz Inc.	Boston
Coatings2Go	Carlisle
Cofab Design	Holyoke
Concerto Biosciences	Boston
Convergent Dental	Natick
Corvia Medical	Tewksbury
CreaGen Biosciences, Inc.	Woburn
Cyberdontics	Boston
CYTO Consulting	Lexington
Cytodigm, Inc.	Natick
Cytrellis Biosystems, LLC	Boston
Dana-Farber Cancer Institute	Boston
Day Zero Diagnostics, Inc.	Boston
Decibel Therapeutics, Inc.	Boston
Delfina Care	Boston
Delphia Therapeutics	Cambridge
Delsys, Inc.	Natick
Dermal Photonics Corporation	Danvers
Diagnosys LLC	Lowell
Dialysis-X LLC	Boston

Organization	Location
DRF Engineering Services, LLC	Framingham
DropGenie	Cambridge
Dynocardia, Inc.	Cambridge
Edge Precision Manufacturing, Inc.	Billerica
E-Green LLC	Cambridge
Elemental Machines	Cambridge
Elpis Biopharmaceuticals	Lexington
Elucid Bioimaging, Inc.	Boston
Empallo, Inc.	Cambridge
Enable Life Sciences LLC	Worcester
Encora Inc	Cambridge
Endolytix Technology, Inc.	Beverly
EpigenDx, Inc.	Hopkinton
Excellims Corporation	Acton
Extend Biosciences, Inc.	Newton
figur8, Inc.	Boston
Firecyte Therapeutics, Inc.	Beverly
Flexomics LLC	Boston
FORAY Bioscience	Cambridge
FORGE	Somerville
Founders Science Group	Taunton
FTL Labs Corporation	Amherst
Fulcrum Therapeutics, Inc.	Cambridge
Gel4Med, Inc.	Boston
GelMEDIX, Inc.	Newton
General Biophysics	Wayland
Genuity, LLC	Sudbury
Giner, Inc.	Newton
Gloucester Marine Genomics Institute	Gloucester
Glyscend, Inc.	Lowell

Organization	Location
GRO Biosciences, Inc.	Cambridge
Harvard Medical School	Boston
HasenTech Inc	Leverett
Health Data Analytics Institute	Dedham
HiFiBiO, Inc.	Cambridge
Hub Consulting Group	Lynnfield
Hunter BioDiscovery	Boston
Illuminant Surgical	Cambridge
Imagine Scientific, Inc.	Norwood
Innotech Precision Medicine Inc.	Lowell
Instylla Inc.	Waltham
Integral BioSystems, LLC	Bedford
iOmics Corporation	Worcester
iRiS Kinetics Inc.	Newton
Isto Biologics	Hopkinton
Ivexsol, Inc.	Lexington
Ivu Biologics Inc	Cambridge
J&J Machine Company, Inc.	Marlborough
Kano Therapeutics	Somerville
Kelonia Therapeutics	Boston
Kernal Biologics, Inc.	Cambridge
KEVA Health	Lexington
Kiramax Laboratories, LLC	Boston
KSE, Inc.	Amherst
LabCentral	Cambridge
LaVoie Health Sciences	Boston
Leading Business Ventures, LLC	Cambridge
Leuko Labs, Inc.	Boston
Lexington Medical, Inc.	North Billerica
Liberating Technologies, Inc.	Holliston
Life Science Cares, Boston	Cambridge

Organization	Location
Life Science Cares, Boston	Cambridge
Life Science Nation	Boston
Lilium Therapeutics Inc	Cambridge
Limax Biosciences	Somerville
Logan Data Inc.	Westford
Longbranch Research, LLC	Rockport
Lyra Therapeutics, Inc.	Watertown
Manning Personnel	Boston
Marvelbiome, Inc.	Woburn
Massachusetts Biomedical Initiatives	Worcester
Massachusetts Eye and Ear	Boston
Massachusetts General Hospital	Boston
Massachusetts Institute of Technology	Cambridge
Massasoit Community College	Brockton
Matrisome Bio	Cambridge
MedAcuity LLC	Westford
MedChem Partners LLC	Lexington
Medicinal Genomics Corporation	Woburn
medikana inc	Brookline
MelliCell, Inc	Newton
Microbiotix, Inc.	Worcester
Mirah	Boston
Molecular Loop Biosciences, Inc.	Woburn
MOMA Therapeutics, Inc.	Cambridge
Myomo, Inc.	Cambridge
Myra EB Systems	Boxborough
Nanite Inc.	Boston
Nanopath, Inc.	Cambridge
NEHI, Inc.	Boston
Neopharm Boston Inc	Milford
Nesys Innovation Corp	Watertown

Organization	Location
Neural Dynamics Technologies LLC	Newton
Neurony Therapeutics, Inc.	Mansfield
Neurosync	Holliston
Nira Biosciences	Burlington
Northeast Biomedical, Inc.	Tyngsborough
NovoBiotic Pharmaceuticals, LLC	Cambridge
Octagon Therapeutics	Boston
Onco Filtration	Woburn
Operation-All	Boston
OPT Industries, Inc.	Cambridge
Origyn Solutions, Inc.	Duxbury
Orthofundamentals LLC	Waltham
OrthoKinetic Track Inc	Newton
Outer Biosciences	Woburn
Parrot Inc.	Boston
Pathcision Medicine, Inc.	Watertown
PhAST Corp.	Boston
Photys Therapeutics, Inc.	Waltham
Pillar Biosciences Inc.	Natick
Piton Therapeutics	Watertown
Podimetrics, Inc.	Somerville
Pop Up Labs (dba MakerHealth)	Boston
Portal Instruments, Inc.	Cambridge
Power of Gravity	Quincy
Power of Patients	Boston
Pramand, LLC	Bedford
Prana Biosciences, Inc.	Worcester
Precision Fabricators Ltd.	Stoughton
Pressure BioSciences, Inc.	South Easton
Prism Analytic Technologies, Inc.	Cambridge

Organization	Location
Privo Technologies, LLC	Peabody
Project CLIO	Somerville
QSM Diagnostics Inc.	Boston
Quris Technologies Inc.	Boston
Ragon Institute	Cambridge
RAN Biotechnologies, Inc.	Beverly
Rapport Therapeutics	Boston
REBIScan, Inc.	Cambridge
Reboot Rx	Winchester
RedShift BioAnalytics, Inc.	Burlington
Repertoire Immune Medicines, Inc.	Cambridge
Relieve Cardiovascular	Milford
ReSurfX, Inc.	Lexington
RevBio, Inc.	Lowell
Robigo, Inc.	Boston
ROME Therapeutics	Boston
RT Microdx	Brookline
S2N Health, LLC	Boston
SafePath Medical, Inc	Amesbury
Sapphiros Laboratories	Boston
Satellite Bio	Cambridge
Satio, Inc.	Boston
See Yourself Health	Beverly
Seeding Labs	Boston
SeLux Diagnostics	Boston
Senda Biosciences	Cambridge
Senscio Systems, Inc.	Boxborough
Sherlock Biosciences	Watertown
Sofregen Medical Inc.	Cambridge
Solarea Bio, Inc.	Cambridge

Organization	Location
Solu Therapeutics	Medford
SpadXTech	Worcester
SpectraWAVE, Inc.	Bedford
Spectrus LLC	Beverly
Speech Technology and Applied Research (STAR Analytical Services)	Lexington
Spero Therapeutics, Inc.	Cambridge
StataDX Inc.	Cambridge
STC Biologics, Inc.	Cambridge
StemCellerant, LLC	Boston
Stratagen Bio	Cambridge
Summate Technologies	Newburyport
Sunflower Therapeutics, PBC	Hingham
Synlogic, Inc.	Cambridge
Synterex, Inc.	Dedham
T1D Exchange	Boston
Tamarack Bioscience, Inc.	Beverly
Tatum Robotics LLC	Boston
Tenza	Boston
Tessel Biosciences, Inc.	Cambridge
TGN Logistics LLC	Woburn
Third Pole, Inc.	Waltham
Thrive Biosciences, Inc.	Beverly
Thymune Therapeutics, Inc.	Cambridge
Thync, Inc	Boston
Thynk, Inc	Natick
Tides Medical	Wayland
TissueVision, Inc.	Somerville
Toothprints PC	Hopkinton
Transmural Systems LLC	Andover

Organization	Location
Triple Ring Technologies, Inc.	Lynnfield
Tufts Medical Center	Boston
TurtleTree Labs Inc.	Beverly
UMass Amherst	Amherst
UMass Boston	Boston
UMass Dartmouth	Dartmouth
UMass Lowell	Lowell
UMass Chan Medical School	Worcester
Unicus Pharmaceuticals, LLC	Taunton
Union Biometrica, Inc.	Holliston
Unravel Biosciences, Inc.	Boston
Upstream Bio	Waltham
Vaxess Technologies, Inc.	Cambridge
Vedanta Biosciences, Inc.	Cambridge
Versatope Therapeutics, Inc.	Lowell
VirTech Bio, Inc.	Natick
VisionCare- IMMAD	Quincy
Visterra, Inc.	Waltham
Vivonics, Inc	Sudbury
Vox Biomedical LLC.	Newton
WaveGuide Corporation	Cambridge
Wild Microbes Company	Cambridge
Windgap Medical, Inc.	Somerville
Worcester Polytechnic Institute	Worcester
X4 Pharmaceuticals, Inc.	Cambridge
Xheme Inc	Newton
Xilio Therapeutics	Waltham
Yurogen Biosystems	Worcester
Zaiput Flow Technologies	Waltham

High School Interns by School

High School	Location	Interns
Amherst Regional High School	Amherst	9
Boston Arts Academy	Boston	1
Boston Day and Evening Academy	Boston	1
Boston Latin Academy	Boston	6
Boston Latin School	Boston	7
Bristol-Plymouth Regional Technical School	Taunton	3
Brockton High School	Brockton	4
Brooke Charter High School	Boston	1
Burncoat High School	Worcester	1
Cambridge Rindge and Latin School	Cambridge	4
Chelsea High School	Chelsea	1
Claremont Academy	Worcester	1
Doherty Memorial High School	Worcester	1
Dr. William W. Henderson K-12 Inclusion School	Boston	1
Dracut High School	Dracut	4
Essex North Shore Agricultural and Technical School	Danvers	1
Everett High School	Everett	5
Excel Academy Charter High School	Boston	3
Excel High School	Boston	1
Fenway High School	Boston	3
Framingham High School	Framingham	1
Frontier Regional School	Deerfield	1
Granby Junior Senior High School	Granby	1
Hampden Charter School of Science	Chicopee	1
Hopkins Academy	Hadley	1
Jeremiah E. Burke High School	Boston	1
John D. O'Bryant School of Math and Science	Boston	6
KIPP Academy Lynn Collegiate	Lynn	1
Lowell High School	Lowell	16
Malden High School	Malden	1

High School	Location	Interns
Massachusetts Academy of Math and Science	Worcester	4
Match Charter High School	Boston	1
Medford High School	Medford	1
Medford Vocational Technical High School	Medford	1
Methuen High School	Methuen	1
Minuteman Regional Vocational Technical High School	Lexington	1
Mohawk Trail Regional School	Buckland	1
New Bedford High School	New Bedford	20
New Mission High School	Boston	3
North Quincy High School	Quincy	2
Northampton High School	Northampton	2
Pioneer Charter School of Science II	Saugus	3
Pioneer Valley Chinese Immersion Charter School	Amherst	3
Prospect Hill Academy Charter School	Cambridge	1
Randolph High School	Randolph	1
Revere High School	Revere	2
Southeastern Regional Vocational Technical High School	South Easton	11
Springfield High School of Commerce	Springfield	1
Springfield International Charter School	Springfield	1
University Park Campus School	Worcester	1
Worcester North High School	Worcester	1
Worcester South High Community School	Worcester	2
Worcester Technical High School	Worcester	14

High School Interns by School District

School District	Location	Interns
Amherst Public Schools	Amherst	9
Boston Public Schools	Boston	30
Bristol-Plymouth Regional Technical School District	Taunton	3
Brockton Public Schools	Brockton	4
Cambridge Public Schools	Cambridge	4
Chelsea Public Schools	Chelsea	1
Dracut Public Schools	Dracut	4
Essex North Shore Agricultural & Technical School District	Danvers	1
Everett Public Schools	Everett	5
Framingham Public Schools	Framingham	1
Frontier Public Schools	Deerfield	1
Granby Public Schools	Granby	1
Hadley Public Schools	Hadley	1
Lowell Public Schools	Lowell	16
Malden Public Schools	Malden	1
Medford Public Schools	Medford	2
Methuen Public Schools	Methuen	1
Minuteman Regional Vocational Technical School District	Lexington	1
Mohawk Trail Regional School District	Buckland	1
New Bedford Public Schools	New Bedford	20
Northampton Public Schools	Northampton	2
Quincy Public Schoola	Quincy	2
Randolph Public Schools	Randolph	1
Revere Public Schools	Revere	2
Southeastern Regional School District	South Easton	11
Springfield Public Schools	Springfield	1
Worcester Public Schools	Worcester	21

College Interns by Academic Institution

College/University	MA Location	Interns
American University, DC	Column1	1
Babson College	Wellesley	4
Benjamin Franklin Cummings Institute of Technology (Franklin Cummings Tech)	Boston	2
Bentley University	Waltham	2
Boston College	Chestnut Hill	8
Boston University	Boston	35
Bowdoin College, ME		1
Brandeis University	Waltham	14
Bridgewater State University	Bridgewater	1
Bristol Community College	Fall River	6
Brown University, RI		5
Bunker Hill Community College	Boston	4
Carleton College, MN		1
Case Western Reserve University, OH		1
Clark University	Worcester	2
Clemson University, SC		1
Colgate University, NY		1
Columbia University, NY		1
Cornell University, NY		1
Curry College	Milton	1
Dartmouth College, NH		2
Denison University, OH		1
Emerson College	Boston	1
Emmanuel College	Boston	1
Endicott College	Beverly	4
Fairfield University, CT		2
Fisher College	Boston	1

College Interns by Academic Institution

College/University	MA Location	Interns
Fisk University, MD	Column1	1
Fitchburg State University	Fitchburg	3
Framingham State University	Framingham	2
Franciscan University of Steubenville, OH		1
Georgetown University, DC		1
GMGI Gloucester Biotechnology Academy	Gloucester	16
Gordon College	Wenham	1
Harvard University	Cambridge	17
Hofstra University, NY		1
Howard University, DC		1
Indiana University Bloomington		1
Johns Hopkins University, MD		3
Kenyon College, OH		1
Landmark College, VT		1
Lasell College	Newton	1
Lesley University	Cambridge	1
Massachusetts Bay Community College	Wellesley	7
Massachusetts College of Pharmacy and Health Sciences University (MCPHS University)	Boston	3
Massachusetts Institute of Technology	Cambridge	18
Massasoit Community College	Brockton	1
McMaster University, Canada		2
McGill University, QC		1
Merrimack College	North Andover	1
Middlesex Community College	Bedford/Lowell	1
Mount Holyoke College	South Hadley	1
New England College, NH		1
North Carolina A&T State University		1

College/University	MA Location	Interns
Northeastern University	Boston	121
Northwestern University, IL		1
Oklahoma State University		1
Olin College of Engineering	Needham	1
Princeton University, NJ		1
Providence College, RI		2
Quincy College	Quincy	3
Quinsigamond Community College	Worcester	1
Reed College, OR		1
Regis College	Weston	2
Rensselaer Polytechnic Institute, NY		2
Rochester Institute of Technology, NY		2
Roxbury Community College	Boston	5
Smith College	Northampton	2
Southern New Hampshire University		1
Stonehill College	Easton	1
Suffolk University	Boston	2
Syracuse University, NY		1
Texas A&M University		1
Tufts University	Medford	26
Tulane University, LA		1
University of Alabama at Birmingham		1
University of California, Berkeley		1
University of California, Davis		1
University of Connecticut		1
University of Delaware		1
University of Groningen, Netherlands		1

College/University	MA Location	Interns
University of Maryland	Column1	1
University of Massachusetts Amherst	Amherst	50
University of Massachusetts Boston	Boston	15
University of Massachusetts Dartmouth	Dartmouth	1
University of Massachusetts Lowell	Lowell	30
University of Nebraska, Lincoln		1
University of New Hampshire		1
University of North Texas		1
University of Notre Dame, IN		1
University of Oregon		1
University of Pittsburgh		1
University of Rhode Island		1
University of Rochester, NY		2
University of Southern California		1
Wellesley College	Wellesley	2
Wentworth Institute of Technology	Boston	3
Wesleyan University, CT		1
Western New England University	Springfield	2
Westfield State University	Westfield	2
Wheaton College	Norton	1
Worcester Polytechnic Institute	Worcester	22
Worcester State University	Worcester	5

Internship Program Statistics (2023-24 Program Year)

1. Total funds expended on high school internships:	\$478,910.23
2. Total funds expended on college internships:	\$4,061,056.22
3. Number of students participating in the internship programs from each high school, school district, college and university in the Commonwealth:	<i>Provided as a separate appendix.</i>
4. Percentage of high school internships awarded to minority students attending schools where at least 80% of the student population is eligible for free or reduced lunch:	76% of interns (121 out of 159 respondents) identified as a race other than Caucasian and attend a low-income high school (defined by MLSC as having at least 25% of students with the MA DESE "low income" designation).
5. Percentage of college internships awarded to minority students enrolled full-time or part-time at a community college:	25 (6%) interns were enrolled in a community college, 7% of which identified as a race other than Caucasian.
6a. Racial and ethnic composition of the high school internship program:	<p>Asian: 42 (26%) Black: 40 (25%) Caucasian: 33 (21%) Latinx: 33 (21%) Middle Eastern: 2 (1%) Native American: 1 (1%) Multi-Racial/Other: 7 (4%)</p>
6b. Racial and ethnic composition of the college internship program:	<p>Asian: 176 (35%) Black: 42 (8%) Caucasian: 193 (39%) Latinx: 51 (10%) Middle Eastern: 12 (2%) Multi-Racial/Other: 24 (5%)</p>
7. Analysis of the impact of the college internship program on the ability of its participants to enter the full-time job market in the life science industries after graduation:	For the 2023-24 Program Year, 50 interns were reported to have been hired for full-time positions by the company that hosted them.