Commonwealth of Massachusetts
Executive Office of Housing and Economic Development

Office of Performance Management Oversight

FY24 Planning Template

Massachusetts Life Sciences Center

Economic Development Leadership

Consumer Affairs and Business Regulation - Undersecretary D'Emilia

- Commissioners of Banking, Insurance, Licensing, Telecoms, Standards
- Partnering closely with Economic Foundations, Economic Strategies, other Cabinets

Economic Strategies Undersecretary Stanton

- Tourism/MOTT, International trade/MOITI
- New growth initiatives: Workforce, CHIPS+Science, Climate-tech, ARPA-H
- Partnering closely with our Quasis: MassTech, MassVentures, Mass Life Sciences

Economic Foundations - Undersecretary Stolba

- Infrastructure (MassWorks, One Stop, Broadband), Seaport Council, Military TF
- MOBD/Regional businesses, Rural director, Small/ micro businesses
- Partnering closely with our Quasis: MassGrowth, MassDevelopment, MassCEC

2

Office of Performance Management – Agencies

Economic Foundations

- Executive Office of Economic Development
- Mass Office of Business Development
- Mass Development
- Mass Growth Capital Corporation

Economic Strategies

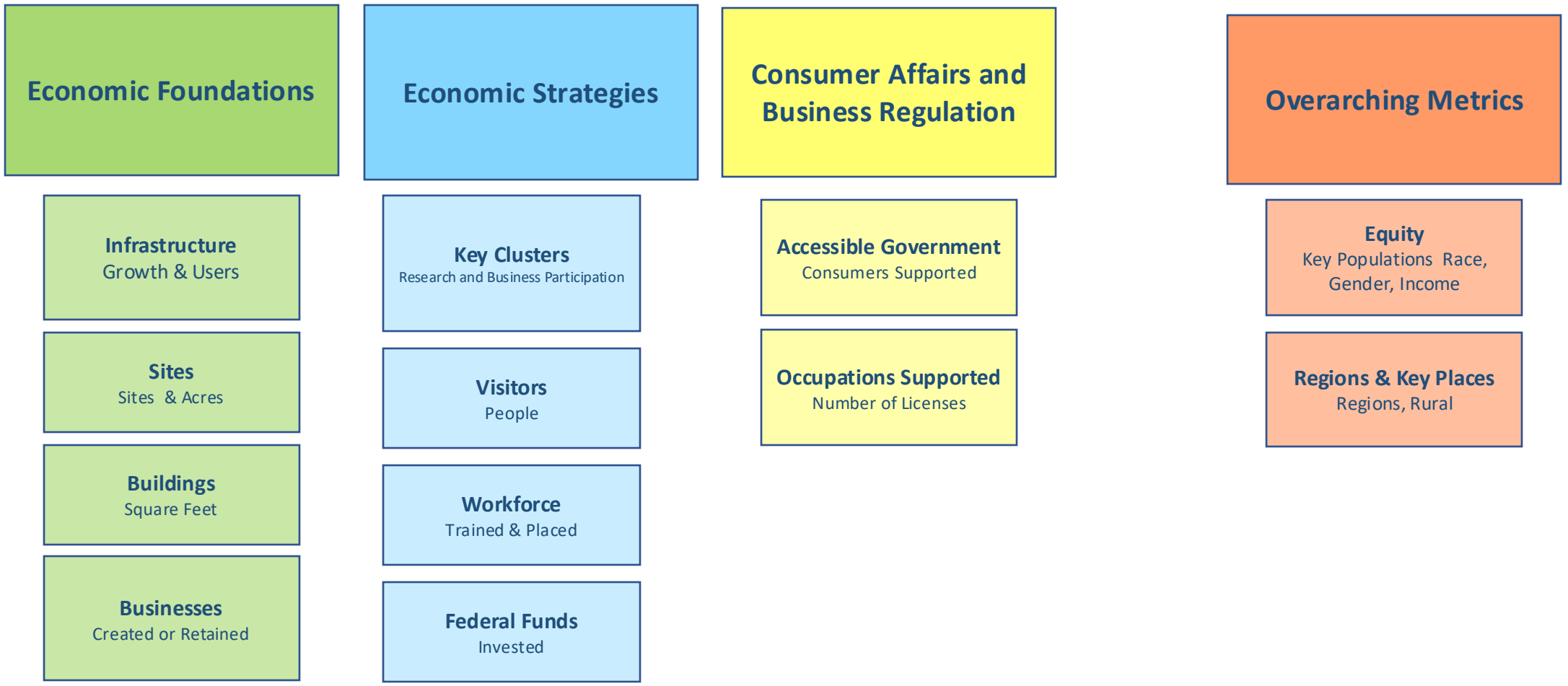
- Mass Office of Travel and Tourism
- Mass Office of International Trade & Investment
- Mass Life Sciences Center
- Mass Ventures
- Mass Technology Collaborative

Consumer Affairs and Business Regulation

- OCABR
- Division of Banks
- Division of Insurance
- Division of Occupational Licensure
- Division of Standards
- Department of Telecommunications and Cable

- Mass Small Business Development Center
- Mass Clean Energy Center
- Community Economic Dev. Assistance Corp (CEDAC)
- Commonwealth Corp.
- Mass Cultural Council
- Mass Convention Center Authority
- Mass Port Authority

Economic Development – Metric Alignment



Agency Goals

Mission: The Massachusetts Life Sciences Center is an economic development and investment agency with a mission of supporting the growth and development of the life sciences in Massachusetts. Through public-private funding initiatives, the Massachusetts Life Sciences Center supports innovation, research and development, commercialization, and manufacturing activities in the fields of biopharma, medical device, diagnostics, and digital health. As a quasi-public agency, Massachusetts Life Sciences Center also offers programs that fund innovation-driven economic and workforce development initiatives in Massachusetts.

Agency Goal 1: Increase investments in innovation infrastructure and maintain cutting-edge capabilities of previous capital investments.

Agency Target for Goal 1: Deploy at least 60 (in new and previously committed projects) community-accessible capital grants that involve at least 15 research universities, academic medical centers, research institutions and incubators for life sciences lab equipment, facilities, and other scientific infrastructure in the areas of biomanufacturing, neurology, microbiome, women's health, novel therapeutics, and big data. Outputs from these investments should yield at least 30 scientific publications and 5 pieces of IP (intellectual property) filed/licensed/optioned to startups or existing pharma/medtech companies.

Results: In FY24, over 30 new awards to over 25 non-profit research institutions and incubators were made, resulting in over 70 awards actively advancing their projects and over 150 projects reporting on program success this year. Of these, 273 manuscripts were published in FY24 and contributing to existing scientific knowledge. Additionally, 19 pieces of IP were filed/licensed/optioned in FY24.

Agency Goal 2: Increase educational and workforce development opportunities that enhance and expand the life sciences talent pipeline.

Agency Target for Goal 2: Over 600 paid internships for college and high school students/recent graduates with at least 300 organizations; pre-internship lab training programs for at least 80 high school students; at least 20 grants for lab equipment and teacher professional development for high schools and middle schools; and at least 20 workforce capital grants to colleges and post-secondary training organizations.

Results: 580 internships were supported for college and high school students, with 302 organizations; 93 students were supported with pre-internship lab training programs; 30 grants were awarded for lab equipment and teacher professional development for public schools; and at 20 capital grants were awarded to colleges and post-secondary training organizations for lab equipment and supplies.

Agency Goals

Agency Goal 3: Accelerate native business growth and development of life science companies, and expand the pipeline of out-of-state relocation prospects.

Agency Target 3: With outreach to at least 100 businesses looking to grow and expand their presence in Massachusetts, at least 5 companies will grow their presence by a total of 800 employees (measured in full-time employees) in the Commonwealth.

Results: As a proactive result of following national and international news coverage, conference engagements, and Pitchbook research on companies likely to expand or relocate, the MLSC conducted outreach to 180 out-of-state relocation prospects, in addition to the hundreds of MA-based company engagements over the last year. Based on data from the tax incentive program, at least 14 companies added at least 870 new full-time jobs. Additionally, based on the most recent data from MassBio and MassMedic, the life sciences industry added over 3,000 jobs in Massachusetts last year, despite some sporadic layoff news in the press.

Agency Goal 4: Facilitate closing the gap between supply and demand for life sciences employees in Massachusetts by implementing PathMAker pilot program in FY24 to begin training qualified employees to fill specific open entry-level roles.

Agency Target 4: Train at least 150 individuals as part of the pilot program and have at least 50% of them hired by life science companies within 3 months of pilot program graduation.

Results: At the end of June 2024, 117 Students were enrolled at various training programs. 77 have graduated, 37 students are actively enrolled, 3 have left the program. Of the 77 graduates, 4 have decided to pursue higher education, and 43 are currently employed by life sciences companies (56%), with many of the other 30 still actively interviewing. The initial round of Pathmaker grants gave programs a two-year timeline to launch and complete their programs, to allow for the recruitment of trainees as well as instructors—the difficulty in finding training instructors has been a key challenge for many programs, as the skills are in demand in industry as well, where the pay is significantly higher. An additional 396 Pathmaker training slots have been funded and will be created at the 13 training active programs by June 2025.

Agency Goals

Agency Goal 5: Spur regionalization by incentivizing commercial investment in areas of high growth potential; Stimulate placemaking by identifying and promoting the strengths of regional assets.

Agency Target 5: Deploy MLSC programs to incentivize business expansion in the Commonwealth, supporting (via grants, tax incentives, or internships) at least 25 businesses outside of Greater Boston.

Results: Many MLSC programs prioritize regionally diverse investment, and FY24 saw specific direct investments in at least 39 businesses outside Greater Boston (12 tax incentive, 24 internship, 3 themed capital collaborations). An additional 20+ business positively impacted by investments in incubators or other shared resources in their region, or Pathmaker investments in workforce training orgs partnered with 6 companies outside Greater Boston. Every single community in MetroWest (14 cities and towns) was represented by companies or individuals receiving support for internships in the life sciences.

Agency Goal 6: Invest in initiatives and policies that accelerate equity and promote diversity and inclusion.

Agency Target for Goal 6: Provide funding and coaching sessions for women entrepreneurs in at least 5 early stage companies through the MassNextGen Program; provide equipment and teacher professional development funding to at least 40 low income schools to support innovative life sciences curriculum implementation; provide capital equipment funding to colleges and post-secondary training providers serving large numbers of underrepresented learners; create paid internship opportunities for underrepresented high school and college students (particularly through initiatives such as Project Onramp and the UNCF Ernest E. Just Internship Program); invest in non-profit organizations offering STEM programming serving youth of color; and enhance existing requirements/practices in RFPs that promote equity.

Results: Awards were made to 5 early-stage companies with underrepresented founders in FY24 as part of the MassNextGen program. These companies are more than halfway through their coaching sessions, which span a year and began in December 2023.

Awarded $155,988 in grants to Mass Insight, Boys & Girls Clubs of Metro South, The BASE, and Science Club for Girls; awarded $50,000 to UNCF, which organized a cohort of 19 interns working at various life sciences companies; awarded $25,000 to Life Science Cares, which organized a cohort of 198 first-generation intern through Project Onramp.

Internship Challenge

Program Description: Creates internship opportunities for college students and recent graduates considering career opportunities in the life sciences by enabling small companies to hire paid interns. Companies with 100 or fewer employees are reimbursed up to $9,600 per intern, based on $20/hour for three months. The program also helps employers find talent via an online platform.

Anticipated Program Budget: Up to $2,900,000

Fiscal Year Goal 1: Enable small life sciences companies to hire paid college interns and provide them with access to a robust talent pool.

Fiscal Year Target 1: Subsidize 500 internships for at least 300 companies.

Results: 409 interns were hosted by 255 organizations.

Fiscal Year Goal 2: Provide students with industry experience and opportunity for entry-level employment post-internship.

Fiscal Year Target 2: At least 60 interns hired for part or full-time employment following their internship.

Results: 47 interns have thus far been reported as hired post-internship, including 27 for full-time positions.

High School Apprenticeship Challenge

Program Description: Creates internship opportunities for high school students by subsidizing intern stipends for small life sciences companies and academic researchers to enable them to hire paid interns. The program also helps connect employers with students through an online platform and facilitates direct placements for students that participate in MLSC-sponsored pre-internship lab training programs.

Anticipated Program Budget: $650,000 + $200,000 grant from EOE

Fiscal Year Goal 1: Provide rigorous lab training opportunity for underserved high school students that prepares them for internships.

Fiscal Year Target 1: 4 cohorts serving a total of at least 80 students.

Results: Supported 5 cohorts that served a total of 93 students.

Fiscal Year Goal 2: Provide paid internship opportunities for high school students to work in academic research labs or life sciences companies.

Fiscal Year Target 2: Over 100 high school interns hired.

Results: A total of 103 interns were supported through the program.

Data Science Internship Program

Program Description: Creates advanced data science internship opportunities in the life sciences by enabling research institutions and companies to hire paid interns for up to six months. The program also helps employers search for talent through an online portal.

Anticipated Program Budget: Up to $1,000,000

Fiscal Year Goal 1: Enable research institutions and small life sciences companies to hire paid interns.

Fiscal Year Target 1: Place at least 50 subsidized interns.

Results: Placed 68 interns by 53 organizations.

Fiscal Year Goal 2: Provide individuals with real-world experience in the life sciences and opportunity for employment post-internship.

Fiscal Year Target 2: Have at least 10 interns hired for part or full-time employment following their internship.

Results: 17 interns were hired post-internship, including 14 for full-time employment.

STEM Equipment and Professional Development Grant Program

Program Description: Enables low-income public schools, voc-techs, and curriculum providers that serve such schools, to purchase lab equipment, supplies, and technology, as well as provide teacher professional development.

Anticipated Program Budget: $2.5 million ($2M from Capital; $500k from Investment Fund)

Fiscal Year Goal 1: Provide under-resourced schools with state-of-the-art equipment to support the training of a diverse STEM talent pipeline.

Fiscal Year Target 1: Award at least 20 grants to schools/districts, and curriculum providers serving around 40 schools.

Fiscal Year Goal 2: Increase access to life sciences equipment/training for low-income students and provide professional development opportunities for teachers.

Fiscal Year Target 1: Serve around 17,000 students and provide around 200 teachers with training on new equipment/curriculum.

Results: Awarded 30 grants totaling $2,797,120 to schools, districts, and curriculum providers serving 91 schools. Investments are projected to serve 37,124 students from every region in the state. Grants included professional funding totaling $500,000 to support 468 teachers with technical training/curriculum implementation.

Workforce Development Capital Grant Program

Program Description: Enables colleges and non-profit post-secondary institutions to purchase life sciences lab equipment, supplies and technology to effectively train and prepare students for high demand careers in the life sciences.

Anticipated Program Budget: $10 million

Fiscal Year Goal 1: Provide Massachusetts colleges and non-profit post-secondary training organizations access to state-of-the-art lab equipment and supplies to seed, enhance and/or expand programs that serve underrepresented populations and focus on high-demand skills.

Fiscal Year Target 1: Award up to 20 grants to higher education institutions.

Fiscal Year Goal 2: Increase access to life sciences training for college students/adult learners, most of which are underrepresented in the industry.

Fiscal Year Target 1: Serve around 4,000 learners.

Results: Awarded 20 grants totaling $10,352,520 to ten 4-year colleges, six 2-year/community colleges, and four non-profit training organizations. These investments are projected to serve a total of 5,859 learners from across the Commonwealth.

Tax Incentive Program

Program Description: This program offers tax incentives to companies engaged in life sciences research and development, commercialization and manufacturing in Massachusetts. The primary goal of the program is to incentivize life sciences companies to create new long-term jobs in Massachusetts. To ensure the Massachusetts' ecosystem stays the hotbed for life sciences activity, we will continue to make investments through our Tax Incentive program to create jobs, build a robust workforce, and propel the development of new therapies, devices, and scientific advancements that are improving patient health and well-being.

Anticipated Program Budget: up to $24,500,000

Fiscal Year Goal 1: To incentivize life sciences companies to create new long-term jobs in the State.

Fiscal Year Target 1: To support at least 20 companies creating at least 1,500 new jobs in Massachusetts by the end of December 31, 2024.

Results: Awarded $24,477,000 to 22 companies creating 1,293 jobs in Massachusetts by the end of December 2024.

Fiscal Year Goal 2: Continue to spur regionalization bay incentivizing companies to create new long-term jobs in various geographic areas of the Commonwealth.

Fiscal Year Target 2: At least 10 of the awards to be made to companies expanding outside of Boston and Cambridge.

Results: 19 of the 22 awards were to companies expanding outside of Boston and Cambridge.

Angel Investor Tax Credit Program

Program Description: The Angel Investor Tax Credit program is offered to investors interested in funding early-stage companies engaged in life sciences research and development, commercialization and manufacturing in Massachusetts. The program provides a taxpayer investor a credit of 20% of the qualifying investment, or 30% if the business is located in a gateway municipality, in a business that has no more than $500,000 in gross revenues in the year prior to eligibility. Credits are available up to $50,000 in any one taxable year for qualifying investments of up to $125,000 per qualifying business per year and up to $250,000 in cumulative qualifying investments for each qualifying business.

Anticipated Program Budget: $500,000 (actual awards $512,264.80)

Fiscal Year Goal 1: To encourage investment throughout the Commonwealth with a focus on gateway municipalities.

Fiscal Year Target 1: At least 1 of the awards to be made to investors who invested in a company located in a gateway municipality.

Results: 19 Awards were made to investors or investor groups who invested in a company located in a gateway municipality. Cumulatively these investments totaled $936,994 in 3 companies and the investors were awarded credits of $243,598.

Fiscal Year Goal 2: Support underrepresented entrepreneurs including those of marginalized genders and/or racial identities

Fiscal Year Target 2: At least 3 of the qualifying companies to be led by women and/or people of color.

Results: 4 of the qualifying companies were led by women and a further 5 qualifying companies were led by a person of color.

PathMAker Workforce Initiative Program

Program Description: Develop and execute on a pilot program to train individuals for life sciences positions at Massachusetts life science companies. The MLSC will partner with these companies to understand specific needs and then work with training providers to implement core competencies.

Anticipated Program Budget: Up to $2.5 million ($2.1 million from the MLSC Investment Fund, $0.4 million from the Operating Expense Budget)

Fiscal Year Goal 1: Implement pilot program and train as many individuals as possible with the amount of funds budgeted.

Fiscal Year Target 1: Train at least 150 individuals.

Results: At the end of June 2024, 107 students were enrolled at various training centers. 77 have graduated, 27 students are actively enrolled, 3 have left the program.

Fiscal Year Goal 2: Facilitate the hiring of as many program graduates as possible once they complete the program.

Fiscal Year Target 2: Have at least 50% of individuals who graduate from the pilot program receive an offer from a life sciences company in Massachusetts within 3 months after they complete the program.

Results: 43 of the 77 students who graduated have gained employment in various life sciences organizations. 4 students are pursuing higher education.

Massachusetts Next Generation 2.0 (MassNextGen 2.0)

Program Description: The MLSC has launched the next iteration of the MassNextGen initiative to support a larger pool of entrepreneurs with a more inclusive focus. The program will increase funding to $100,000 per awardee, which may include in-kind support from program sponsors, aim to double the cohort size to 10 entrepreneurs, and expand entrepreneurs' access and network to raise further funding by providing year-round networking sessions with the venture capital community. Awardees will receive non-dilutive grant funding and access to a network of seasoned professionals from the life sciences ecosystem, helping them to refine their business strategies and effectively raise capital.

Anticipated Program Budget: $300,000 in MLSC funding, plus leveraged funding from external sponsorship

Fiscal Year Goal 1: Provide tools to underrepresented entrepreneurs to build their network and raise further funding.

Fiscal Year Target 1: Through the program, support at least five underrepresented entrepreneurs. In addition, companies will raise a combined total of at least $1 million within 1 year of the conclusion of the program.

Results: Five startup companies led by underrepresented entrepreneurs received financial, coaching, and networking support. The current program will continue until December 2024. The cohort is still within its program year and has thus not yet concluded, however, looking at the broader portfolio MassNextGen companies raised a combined total of $238M in follow-on funds to-date.

Fiscal Year Goal 2: Support the growth of the companies of at least five underrepresented entrepreneurs and expand the company's hiring in the state.

Fiscal Year Target 2: The companies supported by the program, in aggregate, will hire at least 3 new FTEs within 1 year of the conclusion of the program.

Results: The current program will continue until December 2024. The 26 previous MassNextGen companies have hired a combined total of 110 new FTEs to date.

Data to be collected and tracked on an annual basis: Follow-on funding/investment, FTEs hired, scientific publications, intellectual property (filed/optioned/licensed), acquisition/IPO

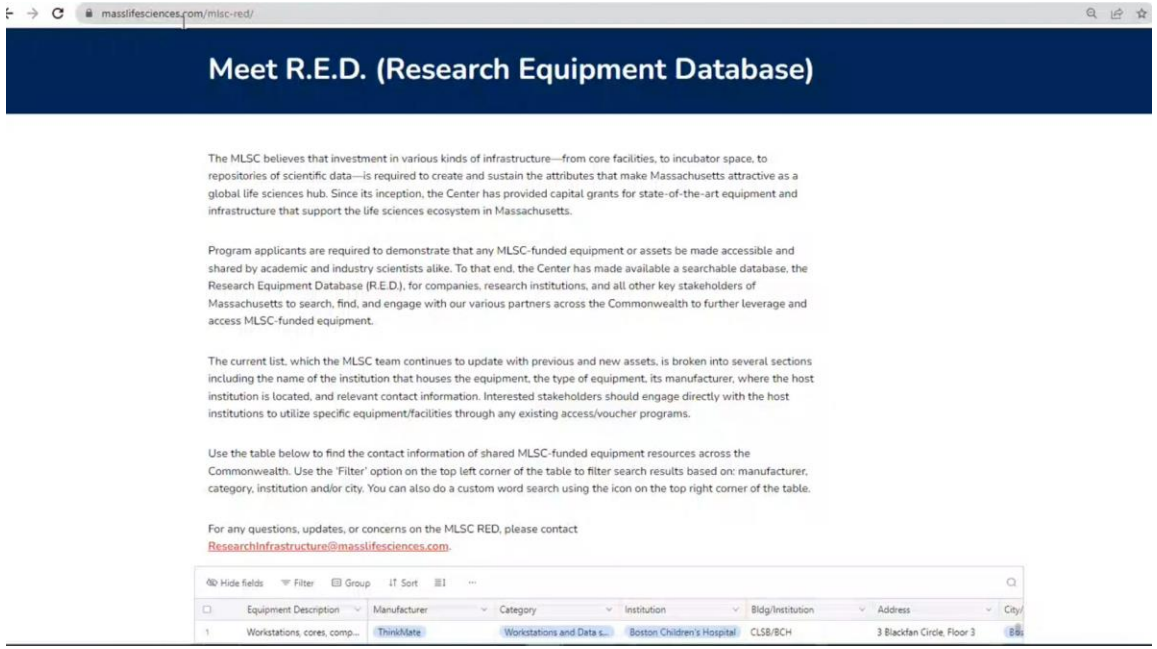
Research Infrastructure Program Overview

Program Goals :

- Fund state-of-the-art research equipment around the Commonwealth to advance innovative ideas
- Train MA scientists on innovative techniques
- Enable the discovery and advancement of new therapies to improve the quality of life for the citizens of MA

Project Features :

- **$1.5 – $5 million per project** for capital equipment/expenses for 1-3 year projects
- All funded equipment must be made publicly available on a fee-for-service basis
- Letters of use from external industry and academic scientists



Research Infrastructure Program

Program Description: The Research Infrastructure program provides grants for capital equipment that enhance the Commonwealth's collaborative life sciences ecosystem by investing in the resources required to develop technological innovations that deliver life-changing therapies to patients and leading the convergence revolution in digital health, biopharma, medical devices and engineering.

Anticipated Program Budget: Up to $10,000,000

Fiscal Year Goal 1: Increase investments in innovation infrastructure and maintain cutting-edge capabilities of previous capital investments.

Fiscal Year Target 1: Deploy capital grants to research institutions, academic medical centers, and incubators for life sciences lab equipment, facilities, and other scientific infrastructure in areas such as biomanufacturing, neurology, microbiome, drug development, imaging, and big data. We will aim to support projects for at least 3 research institutions/hospitals and hire 1 FTE by FY26.

Results: The MLSC awarded projects at four research institutions/hospitals in the FY24 round and is on track to hire 1 FTE by FY26.

Research Infrastructure Program

Fiscal Year Goal 2: Invest in innovation to sustain Massachusetts' prominence in education and commercial endeavors in the life sciences.

Fiscal Year Target 2: Capital equipment purchased under this program will largely reside in core facilities, resulting in training for undergraduate and graduate students, as well as postdoctoral fellows. Training in such specialized equipment is required to develop cutting-edge solutions for biomedical problems. Grantees are also required to develop a plan to allow small and large companies to access this valuable equipment to advance their own research pipeline, creating jobs and treatments for patients. MLSC has created RED (Research Equipment Database) to show what equipment is available where and has already received favorable feedback from users. We will monitor traffic to the RED website to confirm that this data is being utilized. Also, we will aim to have at least 15 scientists trained at 2 or more grant recipient sites beginning in FY26.

Results: The FY24 projects are on the front-end of their lifecycle (agreements executed in 4th quarter of FY24), so they do not yet have delivered equipment and have not begun training scientists.

If we look back to FY23, the Dana-Farber Cancer Institute, for example, has bought all of the budgeted equipment, installed eight pieces of equipment and trained lab members to use them, so they now are supporting internal and external investigator research. To date, the MLSC-funded equipment has been used for approximately 11,000 hours. They've also created new workflows specifically for CAR-effector cell and antibody screening. We expect to see similar output with FY24 projects beginning in FY26.

Data to be collected and tracked on a bi-annual basis: Follow-on funding, scientific publications, intellectual property (filed/optioned/licensed), acquisition/IPO, start FTEs hired

Themed Capital Programs Overview

Bits to Bytes, Novel Therapeutics Delivery, and Women's Health Collaboration Program Goals:

- Invest in sectors, as well as underrepresented populations, where MLSC support can address disparities in the life sciences
- Train MA postdoctoral scientists on innovative techniques in these fields
- Incentivize collaborative research between academia and industry
- Enable the discovery and advancement of new therapies to improve the quality of life for the citizens of MA

Project Features:

- Up to **$750,000 per project** for capital equipment/expenses for 2-3 year projects
- All funded equipment must be made publicly available on a fee-for-service basis
- Data purchased under this award must be made publicly available
- Scientific projects to advance a particular disease/field

Metrics Collected:

- Two progress reports collected per year during project term, followed by annual progress reports post-term
- Follow-on Funding, Publications, IP Filed/Optioned, # Users, # Trainees

Bits to Bytes

Program Description: Provide grants for capital projects that generate and analyze large datasets to answer pressing life science questions, and to attract and train data scientists in the Commonwealth.

Anticipated Program Budget: Up to $5,000,000

Fiscal Year Goal 1: Increase repositories of valuable data that are well-annotated, accessible, and of use to the broader scientific community.

Fiscal Year Target 1: Each funded project will establish a new scientific relationship between at least one Industry Partner and the non-profit award recipient. Each of these Teams will together train at least one new postdoctoral scientist (which is required but is NOT funded by the MLSC). Each project is required to deposit their data and associated metadata in a usable and accessible way for others to use/build off of no later than six months post-grant term and provide us the link to include in DATA. We will monitor the traffic to the DATA website to confirm that this data is being utilized.

Results: Four non-profit award recipients have new scientific relationships with six industry partners. Since these projects are on the front-end of their lifecycles (agreements executed in FY25), none of them have hired new post-doctorial scientists. But they're each on track to meet this goal during the term of their projects. The repositories of valuable datasets has now grown to 17 open-source databases from previous fiscal year projects.

Fiscal Year Goal 2: Increase the number of data scientists trained on translational biomedical research projects.

Fiscal Year Target 2: Each funded project is required to hire and train at least one new postdoctoral data scientist (which is NOT funded by the MLSC). This data scientist will receive training from both academic and industry partners.

Results: Since these projects are on the front-end of their lifecycles (agreements executed in FY25), none of them hired new post-doctorial scientists. However, all projects from prior years have hired at least one new data scientist and provided training.

Novel Therapeutics Delivery

Program Description: Provide grants to foster the development of novel technologies and techniques for the delivery of existing or innovative therapies by working at the intersection of engineering, biology, chemistry, and medicine.

Anticipated Program Budget: Up to $5,000,000

Fiscal Year Goal 1: Drive innovation in novel therapeutic technologies by providing capital investment to further leverage industry dollars.

Fiscal Year Target 1: Technical reports submitted by awardees will describe research and development efforts under this grant mechanism. Reports will be reviewed twice per year for all active projects. A summary will be compiled of number of patents filed, number of scientific publications, and number of FTE's working on the project. By the end of the term (2-3 years) for this program year, we would expect to see at least as many publications and new postdoctoral scientists trained as projects funded, as well as ($500k) x (# projects) in follow-on funding.

Results: The FY24 projects are on the front-end of their lifecycle (grant agreements executed in FY25), so they haven't yet hired FTE's. At least 38 filed/optioned/licensed IP, 45 publications, and 13 new FTE's have been reported by Novel Therapeutic Delivery projects awarded in previous fiscal years.

Fiscal Year Goal 2: Increase exposure of newly hired scientists to industry standards and techniques.

Fiscal Year Target 2: Each funded project will be required to hire at least one new postdoctoral scientist, who will be trained at both the non-profit and industry partner. This FTE is NOT funded by the MLSC.

Results: Since these projects are on the front-end of their lifecycles (agreements executed in FY25), they have not yet hired new post-doctorial scientists. However, all projects from prior years have hired at least one new postdoctoral scientist, totaling at least 13 FTE's, and are providing training.

Women's Health Collaboration

Program Description: The Women's Health program will support collaborative projects that aim to improve the discovery, technical innovation, and/or analysis of datasets to answer pressing life science questions around women's health.

Anticipated Program Budget: Up to $5,000,000

Fiscal Year Goal 1: Drive innovation in women's health by providing capital investment to further leverage industry dollars.

Fiscal Year Target 1: Technical reports submitted by awardees will describe research and development efforts under this grant mechanism. Technical reports will be reviewed twice per year for active projects. A summary will be compiled of number of patents filed, number of scientific publications, and number of FTE's working on the project. By the end of the term (2-3 years) for this program year, we would expect to see at least as many publications and new postdoctoral scientists trained as projects funded.

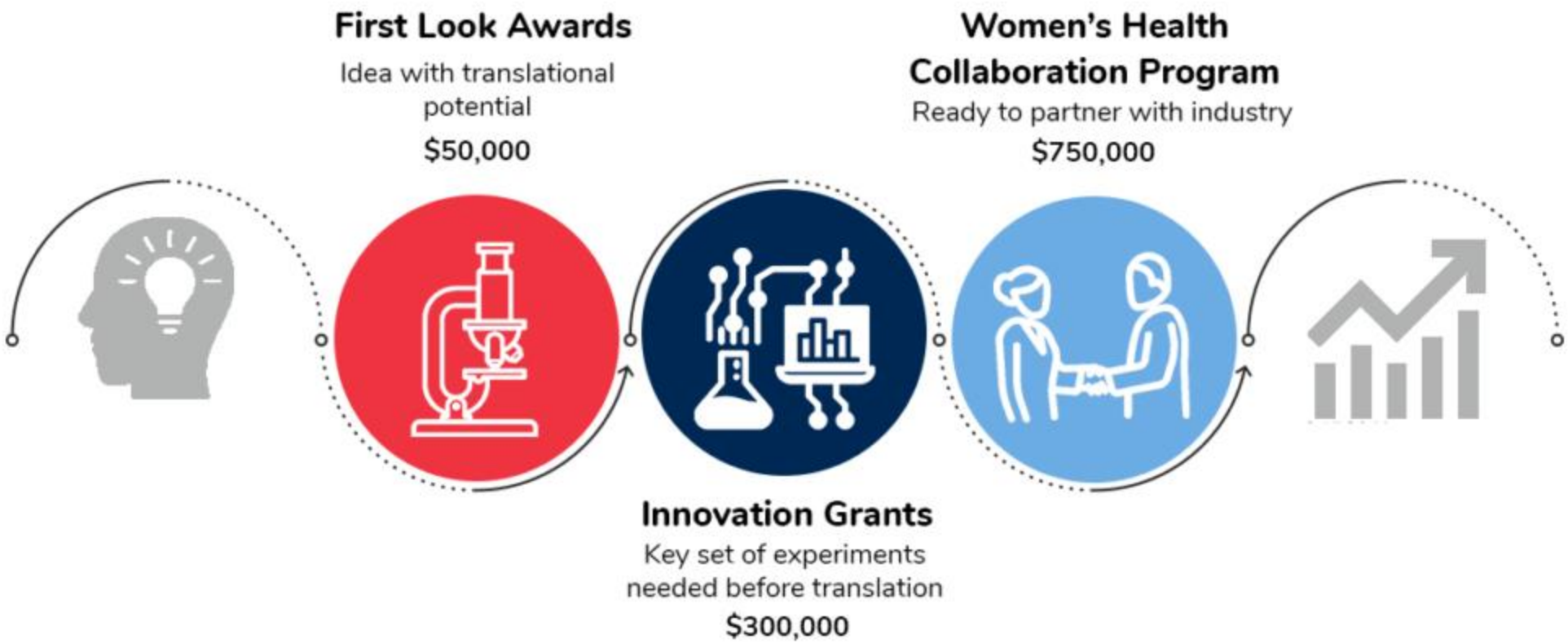
Results: One non-profit award recipient has a new scientific relationship with an industry partner. Since the projects are on the front-end of its lifecycle (agreement executed in FY25), they haven't yet hired FTE's. At least 3 filed IP, 32 publications, and 14 new FTE's have been reported by Women's Health Collaboration projects awarded in previous years.

Fiscal Year Goal 2: Increase exposure of newly hired scientists to industry standards and techniques as well as cutting edge academic methods.

Fiscal Year Target 2: Each funded project will be required to hire at least one new scientist, who will receive training from both the academic and industry partners.

Results: Since the projects are on the front-end of its lifecycle (agreement executed in FY25), new post-doctoral scientists haven't been hired yet. At least 14 FTE's were employed and trained through Women's Health Program projects awarded in previous years.

Women’s Health Initiative



Women's Health Innovation Grants

Program Description: The Innovation Grants support women's health projects that have the potential to translate into commercially viable opportunities but still need some work prior to partnering with industry or spinning out the technology. The funding provides financial support for the completion of key experiments over two years.

Anticipated Program Budget: Up to $2,000,000 in Capital and up to $1,000,00 in Investment Fund

Fiscal Year Goal 1: Support translational research in women's health to encourage academic researchers to consider commercial opportunities.

Fiscal Year Target 1: Provide up to 10 researchers with up to $300,000 grant each to support key translational experiments that will lead to at least 5 publications in aggregate by one year post project completion (FY27).

Results: The MLSC awarded ten projects and are currently executing the grant agreements with the awardees.

Fiscal Year Goal 2: Support the completion of key milestones that are vital to completing prior to partnering with industry or spinning out companies.

Fiscal Year Target 2: Support experiments that allow for filing or securing of at least two patents from the cohort by FY28 and the execution of at least one subsequent grant or sponsored research agreement by FY28.

Results: The ten projects are at the front end of their lifecycle (grant agreements to be executed in FY25). At least nine filed IPs, two licensed IPs, 11 publications, and over $21M in follow-on funding have been reported by Women's Health Innovation projects awarded in previous years. One group shared a code they developed through a public repository, and nearly 1000 users accessed it.

First Look Awards Program

Program Description: The First Look Awards is a partnership between the MLSC and the Connors Center for Women's Health at Brigham and Women's Hospital. The program will provide five Massachusetts researchers with a $50,000 grant for one year that allows them to complete pivotal experiments to further develop the translational opportunity and get closer to further funding.

Anticipated Program Budget: $250,000

Fiscal Year Goal 1: Support early-stage exploratory translational research in women's health to encourage academic researchers to consider commercial opportunities.

Fiscal Year Target 1: Facilitate at least one "work in progress" meeting with experts identified by the Connors Center per project. Support experiments that will lead to at least 2 publications in aggregate by FY27.

Results: The MLSC awarded five projects in FY24, which are currently executing their grant agreements and working with the Connors Center to identify the date of their work in progress meeting. During FY24, all of the FY23 awardees had their "work in progress" meetings with experts identified by the Connors Center.

Fiscal Year Goal 2: Help researchers develop necessary pilot data to pursue further grant funding.

Fiscal Year Target 2: Projects from completed program rounds will use data generated under this award to attract follow on funding to advance viable ideas. External follow-on funding will average to $100k per program round within the first two years following project completion.

Results: The five projects are at the front end of their lifecycle (grant agreements to be executed in FY25). Over $4.5M in follow-on funding have been reported by First Look Awards Program projects awarded in previous years.