

Accelerating Research through Collaboration (ARC) FY27 Application



Applicant Name (Organization) (required)

Select...



NonProfit Principal Investigator (PI) Name (required)

First Name Last Name

This will automatically be blinded to reviewers.

Title of Nonprofit PI (required)

This will automatically be blinded to reviewers.

Email of Nonprofit PI (required)

email@example.com

This will automatically be blinded to reviewers.

Phone of Nonprofit PI (required)

 

This will automatically be blinded to reviewers.

Authorized Representative (required)

This will automatically be blinded to reviewers.

Title of Authorized Representative (required)

This will automatically be blinded to reviewers.

Email of Authorized Representative (required)

email@example.com

This will automatically be blinded to reviewers.

Address of Nonprofit Entity (required)

This will automatically be blinded to reviewers.

City/Town of Nonprofit Entity (required)

Select...

This will automatically be blinded to reviewers.

Zip Code of Nonprofit Entity (required)

Select...

This will automatically be blinded to reviewers.

Name of Press Contact (required)

This will automatically be blinded to reviewers.

Email Address of Press Contact (required)

email@example.com

This will automatically be blinded to reviewers.

Press Contact Telephone (required)

This will automatically be blinded to reviewers.

Project Team Members (Note: each project may have at most, 2 Principal Investigators in addition to the Company lead)



	A	B	C	D	E	F
1		Name	Role	Organization	Email	Phone
2	1					
3	2					
4	3					
5	4					
6	5					
7	6					
8	7					

9	8					

List all partners of the project team for which you are submitting a proposal. This field will automatically be blinded to reviewers.

Qualifications of the Management Team

In an effort to review all applications based solely on the merits of the proposal and qualifications of the team, the MLSC will blind the names of the Nonprofit PI and Company Lead(s) to reviewers during the review process.

Nonprofit PI Lead Name (required)

This field will be blinded to reviewers.

Nonprofit PI Title and Department (required)

Nonprofit PI Institution (required)

Please describe the PI's relevant experience, without identifying them by name or gender. (required)

Limit: 400 words

Ex. The PI has 10 years of experience administering and managing projects, several of which have included small clinical trials. The PI is the research group leader with expertise in the areas of XYZ...

Please describe the PI's role in the project proposal, without identifying them by name or gender. (required)

Limit: 200 words

Ex. The PI has 10 years of experience administering and managing projects, several of which have included small clinical trials. The PI is the research group leader with expertise in the areas of XYZ...

Company 1: Company Name (required)

Company 1: Company Massachusetts Location (City/Town) (required)

Company 1: Lead Scientist Name (required)

This field will be blinded to reviewers

Company 1: Lead Scientist Title and Department (required)

Company 1: Please describe the company lead's relevant experience without identifying them by name or gender.

(required)

Limit: 150 words

Ex. The X at the company has more than 10 years of medical device experience, where they developed novel pumps and algorithms to deliver compounds through subcutaneous infusion. The lead has held previous roles as X, responsible for XYZ.

Company 1: Please describe the company's role in the project proposal and how the project will impact the company, without identifying members of the team by name. (required)

Limit: 200 words

Do you have another Company partner? (required)

☐ Yes

☒ No

This program requires hiring a net-new postdoctoral scientist. For the new postdoctoral scientist, please upload a sample job description, which includes qualifications of the potential candidate and responsibilities. (required)

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .pdf

Check to be sure nonprofit PI or Company lead scientist names are not included in this document. Nonprofit Institution name and Company name are allowable. Uploaded document must be in .PDF file format.

Past MLSC Awards

Has anyone on the team been awarded an MLSC grant in the past? (required)

☒ Yes

☐ No

How many MLSC grants have you received? (required)

☐ 1

- ☐ 2
- ☐ 3
- ☐ 4
- ☐ 5+

What year(s) did you receive the awarded grant(s)? (required)

What MLSC funding program did you receive the awarded grant(s) from? Please check all that apply and do not include grants awarded in 2026. (required)

- ☐ Bits to Bytes (\$750K)
- ☐ First Look (\$50K)
- ☐ Health Equity Accelerator (\$50k)
- ☐ Neuroscience Consortium
- ☐ Novel Therapeutics (Drug Delivery) (\$750K)
- ☐ Research Infrastructure (a.k.a. Open/Competitive Capital)
- ☐ Women's Health Collaboration (\$750K)
- ☐ Women's Health Innovation (up to \$300K)
- ☐ Other

Please provide metrics related to each of your grant(s): # of publications, intellectual property (IP), equipment and # of users, # of clinical trials in progress and/or conducted, follow-on funding. (required)

Limit: 100 words

Please elaborate on the outcomes of the awarded grant(s). (required)

Limit: 100 words

Is this application a completely new project or a follow-on to a prior MLSC grant? (required)

- ☐ New project proposal
- ☒ Follow-on proposal to prior MLSC grant

Describe the value that this application's proposal would bring to a follow-on grant from the MLSC. (required)

Limit: 100 words

Proposal to MLSC

1. Proposal Title (required)

What disease(s) and/or conditions does this study primarily target? Please choose up to three options. (required)

- | | | | | |
|--|---|--|---|--|
| ☐ Agriculture | ☐ Autoimmune Disorders | ☐ Cancer - Breast | ☐ Cancer - Others | ☐ Cancer - Ovarian |
| ☐ Cardiology/
Cardiovascular
Research | ☐ Chronic
Illness/Disease | ☐ Endocrinology | ☐ Environmental
Health | ☐ Gastrointestinal (GI) |
| ☐ Geriatrics &
Gerontology | ☐ Hematology | ☐ Immunology/Inflam
mation | ☐ Infectious Diseases | ☐ Liver |
| ☐ Maternal/Infant
Health | ☐ Metabolic Diseases | ☐ Microbiome | ☐ Neuroscience | ☐ Nutritional Science |
| ☐ Oral Health | ☐ Orthopedic
Research | ☐ Pediatric Research | ☐ Psychiatry/ Mental
Health | ☐ Public Health/
Epidemiology |
| ☐ Rare Diseases | ☐ Regenerative
Medicine | ☐ Reproductive
Health | ☐ Toxicology | ☐ Women's Health/
Gender Studies |
| ☐ Other | ☐ N/A | | | |

What modality/modalities does your project primarily employ? Please choose up to three options. (required)

- | | | | | |
|--|--|--|---|--|
| ☐ Cell & Gene
Therapy | ☐ Clinical Trials | ☐ Data Science | ☐ Diagnostics | ☐ Digital Health |
| ☐ Drug Delivery | ☐ Drug Discovery &
Development | ☐ Imaging | ☐ Medical Device | ☐ mRNA/siRNA/ RNA
Research |
| ☐ Personalized/Precis
ion Medicine | ☐ Phototherapy | ☐ Radiation Therapy | ☐ Robotics | ☐ Vaccines |
| ☐ Other | ☐ N/A | | | |

What are tools and techniques used in your project? Please choose up to three options. (required)

- | | | | | |
|--|---|---------------------------------------|---|--|
| ☐ 3D printing | ☐ AI/ML/Deep
Learning | ☐ Antibody | ☐ Automation | ☐ Biomanufacturing |
| ☐ Biomarker
Identification | ☐ Biomaterials/
Material Sciences | ☐ Biosensor | ☐ Contract Work-
CRO/CDMO/CMO | ☐ Crystallography/
Peptide synthesis |
| ☐ CT/MRI | ☐ Data Optimization | ☐ EEG&ECG | ☐ Electronic Medical
Record (EMR) | ☐ Engineered
Microbes |
| ☐ FACS/ Flow
Cytometry | ☐ Genome Editing | ☐ Genomics | ☐ In Vitro cultures | ☐ In Vivo animal
models |
| ☐ Liquid
Chromatography | ☐ Mass Spectroscopy | ☐ Metabolomics | ☐ Microscopy | ☐ Nanotechnology |

- | | | | | |
|---|---|--|--|--|
| ☐ Next-generation Sequencing | ☐ NMR/MRS | ☐ Organoid/ Organ-on-a-chip | ☐ Pasteurization/ Sterilization | ☐ Patient Avatars |
| ☐ Proteomics | ☐ Small Molecule | ☐ Software & Algorithms | ☐ Transcriptomics | ☐ Ultrasound |
| ☐ Viral Vector | ☐ N/A | ☐ Other | | |

2. Elevator Pitch: In lay terms, describe the problem you are addressing, your solution, and how the project advances a product or commercialization. (required)

Limit: 200 words

Provide a short summary (no more than 5 sentences) to describe your project, its value proposition, and how you are advancing promising discoveries toward commercialization.

Data Handling Statement

Datasets generated under this ARC Award are required to be made publicly available within 6 months post grant term. The MLSC acknowledges that data may be kept proprietary to the parties for a reasonable amount of time, but ultimately will need to be made available to the greater life sciences research community.

If the project is developing an algorithm, the algorithm may be kept proprietary, but the data that goes into making/training the algorithm must be made publicly available within 6 months post grant term.

- ☐ **Data Sharing Confirmation: I have read and understand the above Data Handling Statement and secured approval from both my institution and Company partner(s) to publicly release all datasets generated under this award in a useable and interoperative way.** (required)

Is your project creating a data science driven solution?

- ☒ Yes
- ☐ No

3. Please address your plans to make all datasets (with accompanying metadata and tools required to use the dataset) generated using MLSC funds available to the public. (required)

Limit: 400 words

You must address:

- Where the data will be stored
- Timing of upload
- How access will be managed
- How you will track number of downloads for your data
- Long-term sustainability

4. Please describe previous experience with data sharing, including details of the nature of the data, mode of sharing, and how access was determined. (required)

Limit: 200 words

4b. Clearly describe the nature and value of the data science driven solution. (required)

Limit: 200 words

4c. Provide details about the data science/analytics skills applied (machine learning, AI, etc.) Include information about the nature/size of the datasets, test data, algorithm development, etc. Please be detailed! (required)

Limit: 400 words

Proposal Details

5. Describe the clinical/scientific need or problem the project seeks to address. (required)

Limit: 150 words

6. Describe the current solution and why innovation in this space is important. (required)

Limit: 150 words

7. Describe the project goal and pathway to commercialization for your project. (required)

Limit: 400 words

The following are some examples that the MLSC would consider as a pathway to commercialization:

- Filing/licensing/options intellectual property
- Company creation
- Validation data for a product
- Supporting regulatory advancement
- Enabling product development
- Facilitating adoption by company partner(s)

8. Describe the potential impact and the importance the project will have in moving this field forward. (required)

Limit: 250 words

9. What specific milestones and detailed activities do you plan to accomplish with MLSC funding? This includes detailing experimental design, if you already have the samples on hand or anticipated time to acquire them, and types of analysis. (required)

Limit: 300 words

10. What is your competitive advantage over other similar approaches in this field? (required)

Limit: 100 words

11. What is the gender distribution between animals/cell lines to be studied and how will gender differences be reported? If gender will not be studied in numbers appropriate for research area, please explain why. (required)

Limit: 50 words

12. What is the distribution of racial, geographic, and any other identifiable social determinants of health, and how will differences be reported? Please list which factors will be studied. If none are studied, please explain why. (required)

Limit: 50 words

13. Supporting Data

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .pdf

Please upload a **.PDF** of any supporting data generated to date that you'd like to include. This must be limited to **one** page.
DO NOT MENTION THE NONPROFIT PI OR COMPANY LEAD SCIENTIST(S) BY NAME OR GENDER IN ANY UPLOADS.

14. What is the current intellectual property status (including foundational IP)? Is IP generation under this project expected? (required)

Limit: 75 words

15. If requesting equipment, does the requested capital equipment already exist at your institution or others in the state? If so, please describe the value in purchasing the additional equipment. (required)

Limit: 250 words

16. This grant requires that capital equipment purchased using MLSC funds be made available to the public. If you are purchasing equipment, please describe your plans for promoting and allowing access to external scientists and the timeline, as well as the business model of the facility (if applicable). (required)

Limit: 250 words

17. What are the key challenges to successful translation of the outcomes/technology and how do you plan to overcome them? (required)

Limit: 200 words

18. Detail the project outcomes and impact on economic development in Massachusetts. (required)

Limit: 250 words

Please detail the major outcomes of the project and how this project will advance economic development in Massachusetts (job creation, company creation/success, IP, product development (therapeutics, devices, etc), regulatory milestones, clinical trial support, attracting businesses to MA, etc.)

19. Who will be responsible for training the new postdoctoral scientist(s), and what additional skillsets should the postdoc expect to gain? (required)

Limit: 200 words

20. Is this a new project the team will be pursuing together, or a follow up to a previous research endeavor? Please describe. (required)

Limit: 100 words

These funds are intended to catalyze new life science discoveries and products. Therefore, sponsored research agreements (or other similar arrangements) executed before Nov. 6, 2026 between the parties will not satisfy the program's required post-award collaboration agreement.

☐ I acknowledge that the MLSC must receive the following Deliverables in 2027 if my application is chosen for funding: 1. Fully Executed Sponsored Research Agreement or similar agreement between the nonprofit awardee and each company partner. 2. The first paystub of the newly hired postdoctoral researcher. (required)

Awardees can only receive funds after they have completed these Deliverables. These are only required if your application is selected for funding, not as part of the initial submission.

Letters of Use

21. Please include 3 letters of use from academic scientists external to your institution. (required)

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .pdf

Letters of use **must** include strong language that the writers would utilize an aspect of the project if it was funded, and state an example of a project that the writers would use it for. General letters of enthusiasm do not qualify.

Example: if project is purchasing a microscope, letter writers could be researchers who would utilize the microscope. If project is generating a dataset, letter writers could be researchers who would utilize that publicly available dataset. If project is developing a technology, letter writers could be researchers who would utilize/license that technology for their own work.

Check that the letters **DO NOT** mention the nonprofit PI or Company lead name or gendered pronouns. Nonprofit Institution and Company name are allowable.

Please upload exactly 3 letters in a single PDF file format.

22. Please include 3 letters of interest from company scientists external to your company partner(s). (required)

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .pdf

Letters of use **must** include strong language that the writers would utilize an aspect of the project if it was funded, and state an example of a project that the writers would use it for. General letters of enthusiasm do not qualify.

Example: if project is purchasing a microscope, letter writers could be researchers who would utilize the microscope. If project is generating a dataset, letter writers could be researchers who would utilize that publicly available dataset. If project is developing a technology, letter writers could be researchers who would utilize/license that technology for their own work.

Check that the letters **DO NOT** mention the nonprofit PI or Company lead name or gendered pronouns. Nonprofit Institution and Company name are allowable.

Please upload exactly 3 letters in a single PDF file format.

Financial Considerations and Project Timeline

23. Total amount requested from MLSC (required)

\$ USD

24. Total Committed from Nonprofit Applicant(s) and other Nonprofit (not MLSC) sources (required)

\$ USD

25. Total Committed from Company Partner(s) and other company sources (required)

\$ USD

26. Typical grant requests for this program are up to \$750,000. If you are requesting more than \$750,000, please describe the compelling circumstances and provide sufficient information to justify this special request. The Center reserves the right to adjust the requested amount. (required)

Limit: 150 words

27. Breakdown of MLSC Expenditures: Please complete the MLSC Budget to show the detailed breakdown of expenditures for MLSC funds.



	A	B	C	D
1	MLSC Expenses for Project			
2	Category Options:	Equipment, Supplies/Reagents, Software License, Datasets, Renovation/Construction		
3				
4	Total MLSC Contribution	0		
5	FY28 (7/1/27 – 6/30/28)	0		
6	FY29 (7/1/28 – 6/30/29)	0		
7	FY30 (7/1/29 – 6/30/30)	0		
8				
9	*Do not include \$ or commas in FY Estimated Cost column			
10			Category (See Category	FY28 Estimated

Important Notes:

- The maximum allowance for Supplies and Reagents for these awards must be combined into at most, 10 invoices per fiscal year.
- The maximum allowance for expenses purchased from the for-profit company partner for these awards is \$100,000, exceptions may be made for equipment purchases.

Allowable costs for capital expenses include (with no minimum dollar amount): equipment, research supplies and reagents, purchase of hardware and software, datasets, or samples.

This award is NOT able to fund: direct labor, overhead/indirect costs, renting space for data storage, monthly cloud storage fees, courier fees not associated with a capital purchase, publication fees, other monthly subscription fees, software development, legal expenses, travel, paying off debt, paying board members, paying for operating costs such as rent and utilities and activities funded by other funding sources.

28. For the MLSC Budget, please include vendor quotations of capital equipment over \$100,000. Please only include the page that shows the cost of the item, not the entire document.

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .pdf

DO NOT MENTION THE NONPROFIT PI OR COMPANY LEAD SCIENTIST(S) BY NAME OR GENDER IN ANY UPLOADS. Please check your quotes to ensure the PI name is redacted.

29. Breakdown of Academic Nonprofit Contributions: Please complete the Academic Budget to show the detailed breakdown of funds to be contributed by Academic/Nonprofit Partner(s). Contributions include funds committed,

dollars leveraged, or in-kind contributions.

	A	B	C	D
1	Academic/Nonprofit Contributions for Project			
2	Category Options:	Equipment, Supplies/Reagents, Software, Datasets, Samples, Renovation/Construction, Salaries, Indirects, Facility Costs, Other		
3				
4	Total Academic Contribution	0		
5				
6	*Do not include \$ or commas in FY Estimated Contribution column			
7	Academic/Nonprofit Organization Name	Description of Contribution	Category (See Category Options)	Estimated Monetary Value of Contribution
8				

DO NOT MENTION THE NONPROFIT PI OR COMPANY LEAD SCIENTIST(S) BY NAME OR GENDER IN THIS TABLE.

30. Breakdown of Company Partner(s) Contributions: Please complete the Company Partner Budget to show the detailed breakdown of funds to be contributed by Company partner(s). This must include the postdoctoral researcher salary but can also include funds committed, dollars leveraged, or in-kind contributions.

	A	B	C	D
1	Company Contributions for Project			
2	Category Options:	Equipment, Supplies/Reagents, Software, Datasets, Samples, Equipment Discounts, Renovation/Construction, Salaries, Indirects, Facility Costs, Other		
3				
4	Total Company Contribution	0		
5				
6	*Do not include \$ or commas in Estimated Contribution column			
7	Company Organization Name	Description of Contribution	Category (See Category Options)	Estimated Monetary Value of Contribution
8				

DO NOT MENTION THE NONPROFIT PI OR COMPANY LEAD SCIENTIST(S) BY NAME OR GENDER IN THIS TABLE.

31. Upload letters of commitment from each nonprofit and Company partner outlining their financial and in-kind contributions described in questions 29 and 30 tables. If the nonprofit applicant is not committing cost-share dollars, please include a letter from the institution describing their commitment to house the equipment if applicable and support the project in general. (required)

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .pdf

Please have the letter(s) reference your project title, but do **NOT** include nonprofit PI or Company lead scientist(s) name/gender.

Reminder: At least one Company letter must include a commitment to pay the salary of at least one new postdoctoral scientist for the duration of the project.

Every line item in question 29 and 30 tables must be included in one of these letters.

Signature

Blinded Declaration

The MLSC is making a concerted effort to blind applications from reviewers. As such we are requesting that you please do not mention the PI or Company Lead(s) by name or gender unless specifically requested.

If there is mention of the PI's name or gender in the submitted application, except where explicitly requested, **your application may be deemed ineligible.** Prior to submission, please use **CTRL+F** to search the application for the **Nonprofit PI or Company Lead(s) name and gendered pronouns (he/him/his or she/her/hers)** in all text fields, references, patents, budget forms, letters, and other uploads to ensure that they are only found in fields where specifically requested.

Once you are ready to submit, please agree to the declaration below by selecting the below checkbox.

- I agree that I have removed any mention of the Nonprofit PI and Company Lead(s) name or gender in any text fields, attachments, and uploads, except where explicitly asked. I understand that if the Nonprofit PI and Company
- ☐ Lead(s) or gender remains in the application (including all attachments and uploads), except where explicitly requested, my application may be ineligible.
- (required)

Authorized Signature and Acceptance (required)

Choose File

Upload a file. No files have been attached yet.

Acceptable file types: .pdf, .jpg, .jpeg, .png

Please upload an image of the signature

Authorized Representative Signature and Acceptance -

I verify that I am authorized to commit my organization and to make this application on behalf of the organization. I certify that the above information is correct and that the statements made herein, including all attachments and exhibits, are true and correct to the best of my knowledge. The submission of false information to the Massachusetts Life Sciences Center (MLSC) is subject to prosecution under the False Claims Law at M.G.L. c. 12, sections 5A – 5O. I understand that this Accelerating Research through Collaboration (ARC) Program Application may be disqualified if it does not contain all required information or if the Applicant does not meet the eligibility criteria required under the Program. I also acknowledge and agree that the MLSC has sole discretion to determine which applicants receive benefits under the Program. I specifically acknowledge that all of the terms and conditions of the Solicitation are mandatory. On behalf of the applicant, I understand and acknowledge that all materials submitted as part of this application may be subject to disclosure under the Massachusetts Public Records Law. "Public records" may not, however, include materials or data which fall within a specifically enumerated exemption set forth in the MLSC's enabling act, M.G.L. Chapter 23I. Such exemption may be applicable to materials or data submitted to the MLSC that consist of trade secrets or commercial or financial information regarding the operation of any business conducted by the company, or regarding the competitive position of such company in a particular field of endeavor (Trade Secrets Exemption). I understand and acknowledge that if I wish to submit materials or data to the MLSC that may be proprietary in nature and may fall within the parameters of the Trade Secrets Exemption, I must identify such materials and data as Confidential. I also understand that the receipt of such materials/data by the MLSC does not represent a finding that such materials/data do qualify for protection under the Trade Secrets Exemption.

How did you hear about the program? (required)

- ☐ Program Manager / MLSC Staff
- ☐ LinkedIn
- ☐ Google Search
- ☐ MLSC Website

- ☐ MLSC Newsletter
- ☐ Ecosystem Partner (MassBio, MassMEDIC, etc.)- specify below
- ☐ Other- specify below

☐ **Select for the Principal Investigator to receive email notices and updates from the MLSC newsletter.**

You may unsubscribe at any time.

We look forward to reviewing your application and working together to advance life sciences commercialization in Massachusetts. If you have any questions or need assistance, please contact our team at MLSCIndustryPrograms@masslifesciences.com.



Save Draft

Submit Form

Drafts may be visible to the administrators of this program.