

Post-secondary Education and Training Grants - Year 1 Annual Report

Program Information

* 1. Grant Recipient

* 2. Primary Contact

Name

Email

Phone

* 3. Award Amount

* 4. Name of grant-funded program/project

* 5. Was this grant for a new program/project?

☐ Yes

☐ No

☐ Other (please specify)

* 6. Academic Year covered in this report

Program/course(s) funded or supported by this grant:

*** 7. Course 1**

Program Name or
Course and Grade
Level

New or existing?

Number of sections

Total number of
students

8. Course 2

Program Name or
Course and Grade
Level

New or existing?

Number of sections

Total number of
students

9. Course 3

Program Name or
Course and Grade
Level

New or existing?

Number of sections

Total number of
students

10. Course 4

Program Name or
Course and Grade
Level

New or existing?

Number of sections

Total number of
students

*** 11. Total number of students from all the courses listed above**

*** 12. Program Data**

Number of students previously enrolled in program/training/grant-impacted courses:

Number of students currently enrolled in program/training/grant-impacted courses:

Number of enrolled students participating in life sciences internships:

Describe these internships (if applicable):

Number of enrolled students who successfully completed the life sciences program this academic year:

Comment on any changes in performance, engagement and interest in life sciences among students during or after taking the program/course:

(For undergraduate students in degree-programs only)
Number of students with a life sciences major:

(For undergraduate students in degree-programs only)
Percent of students with a life sciences major:

(Graduating students only) Number of students entering life sciences training programs upon graduation from post-secondary institution:

(Graduating students only) Percent of students entering life sciences training programs upon graduation from post-secondary institution:

(All other students)
Number of students
PLANNING TO enter
life sciences training
programs upon
graduation from post-
secondary institution:

(All other students)
Percent of students
PLANNING TO enter
life sciences training
programs upon
graduation from post-
secondary institution:

(Graduating students
only) Number of
students entering life
sciences workforce
upon graduation from
post-secondary
institution:

(Graduating students
only) Percent of
students entering life
sciences workforce
upon graduation from
post-secondary
institution:

(All other students)
Number of students
PLANNING TO enter
life sciences workforce
upon graduation from
post-secondary
institution:

(All other students)
Percent of students
PLANNING TO enter
life sciences workforce
upon graduation from
post-secondary
institution:

13. Please use this space to write additional comments or expand upon responses from the previous question, as needed.

Grant Impact

* 14. How have MLSC grant funds contributed to improving the quality and effectiveness of instruction/workforce preparedness provided by your organization? (Select all that apply.)

- ☐ Expanded program and/or course offerings.
- ☐ Acquisition of advanced equipment and technology for improved training and delivery.
- ☐ Hired additional qualified teachers to cater to growing demand.
- ☐ Implemented updated curriculum aligned with industry standards.
- ☐ Industry engagement for enhanced skills training.
- ☐ Increased internships within the life sciences industry.
- ☐ Enhanced student support services, career awareness, networking opportunities.
- ☐ Expanded professional development opportunities for faculty and staff.
- ☐ Other (please specify)

* 15. As a result of the grant funding, what types of training, workshops, or certifications were offered to students? (Select all that apply.)

- ☐ Profession (soft) skills development
- ☐ Technical skills training
- ☐ Career Awareness
- ☐ Career fairs/Networking events
- ☐ Industry-specific certifications
- ☐ Other (please specify)

* 16. Describe the career awareness and exploration activities students/trainees participated in during your program this year?

* 17. What metrics were used to measure the success and impact of the workforce development program? (Select all that apply.)

- ☐ Continuing education in STEM fields.
- ☐ Number of internships secured.
- ☐ Comprehensive evaluation of student skills and knowledge.
- ☐ Evaluation of student professional (soft) skills development.
- ☐ Student satisfaction with the program.
- ☐ Student awareness and understanding of life sciences careers.
- ☐ Other (please specify)

* 18. How were post-program skills and knowledge changes evaluated?

- ☐ The Biotechnology Aptitude and Competency Exam (BACE)
- ☐ Micro credentials
- ☐ Badges
- ☐ Other (please specify)

* 19. For each of the metrics you evaluated, what were the outcomes of these evaluations?

* 20. Summarize the program impact on students/trainees based on pre- and post-program surveys. If you did not evaluate an area below, write N/A.

Changes in life sciences technical skills proficiency and knowledge:

Changes in confidence and self-efficacy in pursuing career goals.

Changes in student awareness and understanding of life sciences careers:

Changes in interest in pursuing life sciences careers and/or continuing education:

Changes in professional skills proficiency:

* 21. Upload a copy of your student/trainee pre-program survey.

Choose File

Choose File

No file chosen

* 22. Upload a copy of your student/trainee post-program survey.

Choose File

Choose File

No file chosen

* 23. How have the grant funds impacted the capacity of your organization to deliver instruction/workforce preparedness programs? (Select all that apply.)

- ☐ Expanded physical infrastructure/facilities to accommodate more students/participants.
- ☐ Expanded physical infrastructure/facilities for equipment/instruments.
- ☐ Enhanced technology and equipment for improved training delivery.
- ☐ Increased the number of qualified instructors/trainers.
- ☐ Other (please specify)

24. Provide additional comments for the previous question if needed:

* 25. Which specific areas have seen the most significant positive impact from the grant funds? (Select all that apply.)

- ☐ Expansion of program offerings to meet industry demands.
- ☐ Increased enrollment and interest in programs.
- ☐ Upgrading and modernizing existing training facilities.
- ☐ Developing new partnerships with employers and industries.
- ☐ Positive feedback from employers about workforce readiness.
- ☐ Positive feedback from graduates about workforce readiness.
- ☐ Other (please specify)

26. Provide additional comments for the previous question if needed:

* 27. What role have industry partners served thus far? (Select all that apply.)

- ☐ Provided skills training.
- ☐ Hosted interns.
- ☐ Consulted on high-demand skills for curriculum/program enhancement.
- ☐ Supported with instrument set-up/operation.
- ☐ Participated in guest lectures.
- ☐ Provided student mentoring.
- ☐ Consulted on proposed equipment purchases.
- ☐ Hosted or participated in job readiness training events (workshops, mock interviews, etc.)
- ☐ Participated in career fairs attended by students/trainees.
- ☐ Other (please specify)

28. Provide additional comments for the previous question if needed:

* 29. How has the grant impacted the organization's ability to adapt to changing workforce demands and technological advancements? (Select all that apply.)

- ☐ Updated curriculum to incorporate emerging industry trends.
- ☐ Investment in state-of-the-art equipment and technology.
- ☐ Enhanced partnerships with local businesses and industries.
- ☐ Other (please specify)

30. Provide additional comments for the previous question if needed:

* 31. How has the grant allowed your organization to address the workforce needs of underrepresented communities? (Select all that apply.)

- ☐ Targeted outreach and recruitment efforts in specific communities.
- ☐ Customized training programs to address unique challenges of certain groups.
- ☐ Scholarships or financial assistance for students from underserved backgrounds.
- ☐ Other (please specify)

32. Provide additional comments for the previous question if needed:

* 33. What challenges or obstacles were encountered during the implementation of the workforce development initiatives? (Select all that apply.)

- ☐ Insufficient funding to execute planned initiatives.
- ☐ Difficulty in finding qualified instructors or trainers.
- ☐ Long lead times for delivery of equipment/instruments.
- ☐ Student recruitment fell short of the expected level.
- ☐ Student retention through program.
- ☐ Other (please specify)

* 34. How were these challenges addressed?

* 35. Have there been any publications related to research using grant-funded equipment? If so, please provide the title, equipment used, the date published, and journal published in.