

MAYA TORRES

mtorres@email.com | 555-318-2204

www.linkedin.com/in/mayatorres | Boston, MA 02215

LABORATORY TECHNICIAN

Recent biology grad with two years of hands-on lab experience running PCR, cell culture, and sample tracking for a university genetics lab. Seeking a laboratory technician role in biotech or clinical research.

EDUCATION

B.S. Biology, Boston University | Boston, MA | May 2025

Coursework: Molecular Genetics, Microbiology, Biostatistics, Organic Chemistry II, Cell Biology Laboratory

EXPERIENCE

Research Fellow | June 2025 – August 2025

Alder Therapeutics | Cambridge, MA

Selected for a 10-week summer research fellowship at a 250-person biotech company developing gene therapies for rare disease, 1 of 12 fellows chosen from 400 applicants. Ran cell culture assays and logged results in the company's electronic lab notebook.

- Ran 60+ cell viability assays across 3 compound series, with results incorporated into the team's Q3 screening report.
- Identified an inconsistency in plate labeling that had produced 2 unusable runs and proposed the new naming convention the team subsequently adopted.
- Presented research results to 30 scientists at the fellowship's closing symposium.

Undergraduate Research Assistant | September 2023 – May 2025

Boston University, Department of Biology | Boston, MA

Joined a 12-person molecular genetics lab studying antibiotic resistance, funded by a \$1.2M NIH grant. Prepared samples, ran PCR and gel electrophoresis, and maintained the lab's sample database.

- Ran 200+ PCR reactions across 3 studies, contributing to a Journal of Bacteriology publication.
 - Rebuilt the sample tracking spreadsheet used by all 12 lab members, cutting retrieval time from 15 minutes to under 2.
 - Trained 4 incoming undergraduates on gel electrophoresis and lab safety procedures.
-

PUBLICATIONS

Journal of Bacteriology | March 2025

Hartley, R., Torres, M., and Silva, D., "Efflux pump expression under sub-inhibitory antibiotic exposure in *E. coli*"

LICENSES & CERTIFICATIONS

CITI Program Certification, Biomedical Research | 2023

LEADERSHIP & CAMPUS INVOLVEMENT

Peer Mentor Coordinator | September 2024 – May 2025

Organization, School, or Team | City, State

Coordinated Biology department program pairing 40 first-year biology majors with upper-class mentors. Managed \$3k annual budget, recruited and matched mentors, and tracked participation.

- Grew mentor participation from 18 to 40 in one academic year by recruiting in person during required upper-level biology courses.
- Ran 8 monthly training sessions on academic advising and lab safety.
- Built the program's intake survey and matching process now used by the department each fall.

HONORS & AWARDS

Dean's List, Boston University | 2022 – 2025

Undergraduate Research Award, BU Department of Biology | 2024

SKILLS

Laboratory: PCR, gel electrophoresis, cell culture, Western blot, aseptic technique, micropipetting

Data & Software: R, Python (pandas), GraphPad Prism, Excel, electronic lab notebooks (Benchling)

LANGUAGES

English (native) | Spanish (fluent)

ADDITIONAL EXPERIENCE

Barista | Fieldstone Coffee, Boston, MA

Dining Hall Attendant | Boston University Dining Services, Boston, MA