



# Mass General Brigham

Boston, Massachusetts

## Advancing the World of Medicine



## Medical Laboratory Scientist

AABB Conference – Virtual Event, November 2022





## Mass General Brigham

As a not-for-profit organization, Mass General Brigham is committed to supporting patient care, research, teaching, and service to the community by leading innovation across our system. Founded by Brigham and Women's Hospital and Massachusetts General Hospital, Mass General Brigham supports a complete continuum of care including community and specialty hospitals, a managed care organization, a physician network, community health centers, home care and other health-related entities. Several of our hospitals are teaching affiliates of Harvard Medical School, and our system is a national leader in biomedical research.

We're focused on a people-first culture for our system's patients and our professional family. That's why we provide our employees with more ways to achieve their potential. Mass General Brigham is committed to aligning our employees' personal aspirations with projects that match their capabilities and creating a culture that empowers our managers to become trusted mentors. We support each member of our team to own their personal development—and we recognize success at every step.

Our employees use the Mass General Brigham values to govern decisions, actions, and behaviors. These values guide how we get our work done: Patients, Affordability, Accountability & Service Commitment, Decisiveness, Innovation & Thoughtful Risk; and how we treat each other: Diversity & Inclusion, Integrity & Respect, Learning, Continuous Improvement & Personal Growth, Teamwork & Collaboration.

## What We Offer:

- \$10,000 Sign-on Bonus
- Relocation Bonus Available
- Competitive Pay
- Comprehensive & Innovated Benefits
- Generous Paid Time Off (PTO)
- Work/Life Balance
- Career Development
- Subsidized Transit Passes

And many other perks and benefits!

## Working Together to Do the Remarkable

At Mass General Brigham, our patients come first. Whether it's primary care or specialty care, Mass General Brigham meets patient's needs, whatever they may be. Together, we form a single and powerful system of health care.



**At Mass General Brigham we believe when we combine our resources and talents, we can have the greatest impact for patients and the communities we serve.**





## MGB MLS Training Program

Mass General Brigham is pleased to announce the opening of a post-baccalaureate Medical Laboratory Science (MLS) Training Program. The MLS Training Program is designed to prepare individuals for a career in the dynamic, rewarding, and ever-evolving field of laboratory medicine.

The 10-month program will train future laboratory scientists through a rigorous and integrated curriculum, including hands-on didactic instruction, on-site clinical experiences, and online learning. As a student in the program, you will receive instruction from highly experienced laboratory professionals employed by Mass General Brigham Clinical Laboratories. Students will develop the technical and critical thinking skills required to safety and accurately perform complex laboratory testing applying sophisticated methodology and instrumentation used to detect, diagnose, and monitor human disease.

This is an excellent opportunity to train at one of the nation's most prestigious teaching institutions and advance your career. The MLS training program is focused on building the Mass General Brigham system laboratory workforce, with a variety of laboratory career opportunities available at Mass General Brigham Members and Affiliates upon graduation.

## Mission and Vision

The mission of the Mass General Brigham MLS training program is to provide high quality theoretical and clinical education to prepare future medical laboratory scientists with skills, knowledge, and values required of the profession. Training will emphasize professional and ethical behavior needed to function in the clinical laboratory and to become a vital member of a health care team.

The vision of this program is to sustain a well-trained competent work force dedicated to excellence in the practice of laboratory medicine and committed to patient care.

**Program Date:**

**July 2023**

**Application Window:**

**March 1 – May 31, 2023**

**Application Link:**

**Available on March 1, 2023**

**Fees and due dates for 2023:**

- Acceptance fee: \$100, due 2 weeks after date of acceptance letter
- Program tuition: \$2,500, due 1 month prior to program start date
- Textbooks & education supplies: \$600, estimated cost based on current textbook pricing
- Transportation & parking: Variable, vary based on mode of transportation and clinical site

**Estimated cost of 10-month program: \$3,200**

**Contact Us:**

**Jennifer Nicoloro, PhD, MLS (ASCP)<sup>CM</sup>**

Program Director  
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# Brigham and Women's Hospital

Brigham and Women's Hospital (BWH) is a world-class academic medical center based in Boston, Massachusetts. The Brigham serves patients from New England, across the United States and from 120 countries around the world. A major teaching hospital of Harvard Medical School, Brigham and Women's Hospital has a legacy of clinical excellence that continues to grow year after year.

The Brigham network includes 1,200 doctors throughout New England working across 150 outpatient practices. An international leader in virtually every area of medicine, the Brigham has led numerous medical and scientific breakthroughs that have improved lives around the world.

U.S. News & World Report ranks Brigham and Women's Hospital among the best hospitals in many specialty areas, including cancer, cardiology and heart surgery, diabetes and endocrine disorders, ear, nose and throat, gastroenterology and GI surgery, geriatric care, gynecology, neurology and neurosurgery, orthopedics, pulmonology, rheumatology, and urology. A primary teaching hospital of Harvard Medical School, BWH is known worldwide for its high quality and innovative patient care, cutting-edge translational and clinical research and training, and a collegial and collaborative culture.

## Vision and Mission

Throughout the Brigham, every decision we make is guided by our vision of a healthier world and delivered through our mission of maintaining and restoring health through leadership in compassionate care, scientific discovery, and education.

## Research and Discovery

Because we are built on a legacy of medical discovery, our researchers push the boundaries of knowledge and advance medicine in new and innovative ways.



## In the fiscal year of 2021 the BWH blood bank completed:

- **Type ad screens: 89,197**
- **Type and screens at DFCI: 20,394**
- **Crossmatches: 57,316**
- **Crossmatches at DFCI: 6,436**
- **Transfusions: 32,055**
- **Transfusion Ratio: 1.79**
- **Kraft Donor Center: 11,033 unit's total**





## Pathology

Our mission is to provide exceptional diagnostic care for our patients, educate the future leaders of pathology, conduct cutting-edge research, and improve the health of individuals around the globe, while also promoting diversity, equity, and inclusion within our department and beyond. Critical to achieving these goals are our world-renowned faculty, our highly talented trainees, and our expert and dedicated staff.

## Blood Bank

Brigham and Women's Hospital Blood Bank issues over 50,000 blood products annually. The Blood Bank includes a compatibility testing lab, a component storage and issuing lab, a reference immunohematology lab, a blood component manufacturing lab, and a tissue bank. A variety of services are supported by the Blood Bank, including maternal-fetal medicine, neonatal ICU, surgery, and Dana-Farber Cancer Institute.

Blood Bank faculty and staff are continually involved in medical education at Harvard Medical School and BWH residency and fellowship programs, including an ACGME-accredited fellowship in Transfusion Medicine.

The Blood Bank participates in a variety of research activities within the division and with local, national, and international collaborators. Areas of research expertise include transfusion reactions and immunohematology testing.

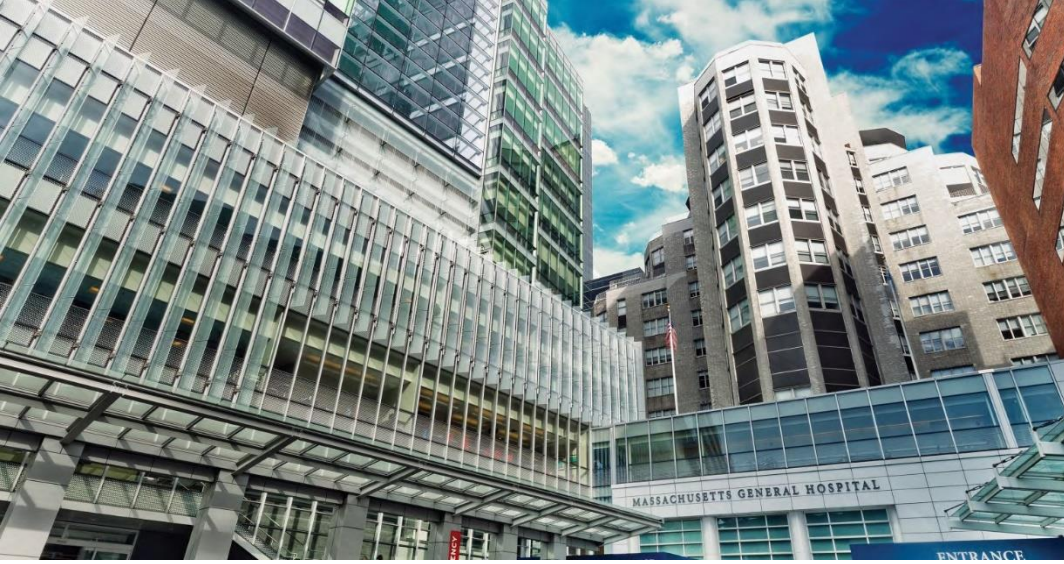
### Anatomic Pathology:

- Autopsy
- Cytopathology
- Neuropathology
- Surgical Pathology

### Clinical Pathology:

- Chemistry
- Hematology
- Immunology
- Microbiology
- Phlebotomy
- Reproductive Endocrinology
- Tissue Typing
- Virology





## Massachusetts General Hospital

Massachusetts General Hospital was established to provide care to Boston's sick, regardless of socioeconomic status, and became the first teaching hospital of Harvard University's new medical school. We have remained at the forefront of medicine by fostering a culture of collaboration and education, pushing the boundaries of medical research, and maintaining an unwavering commitment to the diverse community we were created to serve.

We believe that because of diversity we excel, through inclusion we respect our community, and with a keen focus on equity we serve, heal, educate, and innovate at the highest levels. Our priority is the well-being of our patients—near and far. As a team, we can maintain a singular focus on providing the highest quality, most compassionate care to each patient.

Mass General is consistently ranked among the top hospitals in the United States by U.S. News & World Report. Mass General is recognized in 14 specialties assessed by U.S. News, a testament to the breadth and depth of our expertise. In 2021, Mass General is also ranked #3 on the World's Best Hospitals list by Newsweek. Our patients rate their experiences with us very highly, with nearly all indicating they would be very likely to recommend us to others. We also consistently achieve high ratings from professional organizations.

### Equity & Inclusion

We aim to have diverse talent across the organization, excelling in a supportive environment and trained to deliver equitable high-quality care to—and conduct research in partnership with—a diverse community that feels valued and respected.

### Leading in Research

Mass General serves as a leader in research with more than \$1 billion in research operations and stands as the largest hospital-based research program in NIH funding. Our research program spans more than 30 clinical departments and centers across the hospital. Approximately 1,200 clinical trials are taking place at Mass General at any given time.



**“Research has been part of the hospital’s mission since its founding more than 200 years ago and has led to innovations such as the use of general anesthesia in surgery, a vaccine for tuberculosis and the modern PET scan.”**

*— Senior Vice President for Research, MGH*





## Pathology Divisions:

- Anatomic Molecular Pathology
- Laboratory Molecular Pathology
- Center for Integrated Diagnostics
- Pathology Informatics
- Training & Education
- Research

## Clinical Pathology:

- Autopsy
- Blood Transfusion
- Core Lab
- Histopathology
- Histocompatibility
- Immunohistochemistry
- Immunopathology
- Microbiology

## Pathology

The Massachusetts General Hospital Pathology Service, a comprehensive academic pathology department, delivers subspecialty clinical services, hosts robust training and education programs, and performs cutting-edge research.

## Mission and Vision:

To deliver the highest quality pathology services and to move the field of pathology forward.

- Massachusetts General Hospital Pathology Service, a comprehensive academic pathology department, delivers subspecialty clinical services, hosts robust training and education programs, and performs cutting-edge research.
- We will utilize effective, efficient, and innovative approaches and build departmental competencies to meet patient, institutional and societal needs.
- We will take advantage of opportunities to advance the science and practice of pathology through individual and collaborative research.
- We will train leaders in pathology practice and research, and other physicians and laboratory professionals to enhance their understanding of pathology and laboratory medicine.
- We will create a workplace that will facilitate the recruitment, retention, and development of the highest quality personnel.



**“Our unwavering goal has always been excellence in service to patients – accurate diagnosis, communicated effectively and efficiently – and the highest standards in research and training.”**

*– Chief of Pathology, MGH*



## Innovation, Where Clues Lead to Cures

Groundbreaking research. Life changing discoveries. Scientific leaps that impact millions of lives around the world.

As one organization, Mass General Brigham is a recognized leader in many areas. Our awards include recognition for research, work in health care equality, and digital health innovation.

Research is the engine that drives medical innovation. Mass General Brigham is a powerhouse for medical research, with nearly \$2 billion in federal funding. Here, teams of investigators conduct thousands of studies in every discipline. Clinical trials help spur new therapies, and technologies.

## Massachusetts General Hospital Blood Transfusion Service

The Blood Transfusion Service is an FDA-licensed, full-service blood bank that consists of the Blood Donor Center, the Outpatient Infusion Unit, the Apheresis Unit, the Transfusion Service and the Histocompatibility (HLA) Laboratory., delivers subspecialty clinical services, hosts robust training and education programs, and performs cutting-edge research.

The Transfusion Service performs routine and specialized compatibility testing as well as the production of specialized components. In addition, the lab supports the transfusion needs of a number of specialty services, including cardiac and vascular surgery, bone marrow and other solid organ transplantation, the Level 3 burn and trauma services, and the neonatal intensive care unit. Approximately 70,000 blood components are transfused annually, in addition to clotting factor concentrates. The Transfusion Service includes an AABB-accredited reference laboratory for the resolution of difficult serological problems.



**“Innovative approaches like these are made possible through constant reexamination and reinvention of best practices to advance the quality and safety of our patient care to the highest level.”**

— *Mass General Brigham*



# General Overview

Mass General Brigham has a wide variety of vacancies across all levels of experience throughout our system, ranging from new graduate roles to team leadership opportunities for experienced Medical Technologists and Medical Laboratory Scientists. We are offering opportunities for Full-Time, Part-Time and Per Diem. We have day, evening, and night shifts available. While offering differential pay for evening, night, and weekend shifts.

We have vacancies in the following specialties:

- Blood Bank
- Cytotechnology
- Histologist
- Oncology
- Tissue Typing Specialist
- Chemistry
- Generalist
- Microbiology
- Pathology Specialist
- Cytogenetics
- Hematology
- Molecular Diagnostics
- Reproductive Endocrinology

## Affiliates and Job Locations:

- Brigham and Women's Faulkner Hospital (FKH)
- Brigham and Women's Hospital (BWH)
- Cooley Dickinson Hospital (CDH)
- Martha's Vineyard Hospital (MVH)
- Mass Eye and Ear Hospital (MEI)
- Mass General Brigham (MGB)
- Mass General Hospital (MGH)
- Nantucket Cottage Hospital (NCH)
- Newton-Wellesley Hospital (NWH)
- North Shore Medical Center (NSM)
- Wentworth-Douglass Hospital (WDH)

## Our Commitment to Diversity

You carry with you a culture, energy, and perspective that are all your own. At Mass General Brigham, we want every employee to feel like a connected and valued member of our community, encouraged to reach out for the opportunities that inspire them and empowered to realize their greatest potential.

## Inclusive Environment

Our goal is for every employee to feel like a connected and valued member of our community, encouraged to reach out for the opportunities that inspire them and empowered to realize their greatest potential.



**Our leadership team is guided by the hospital's mission to deliver excellence in patient care, advance that care through innovative research and education and improve the health and well-being of the diverse communities we serve.**

## Job Description

The Medical Laboratory Scientist (MLS) in the Lab performs complex qualitative and quantitative tests using various lab instruments and/or manual methods on blood, plasma, urine, CSF, stool, and/or body fluids following standard operating procedures. The testing is performed with speed, precision and understanding of the theory behind tests. Performs routine and complex procedures utilizing complex instrumentation and manual methods

## Qualifications

- Must possess a minimum of a Bachelor of Science Degree in Medical Technology or Chemical, Physical, or biological science from an accredited college or university.

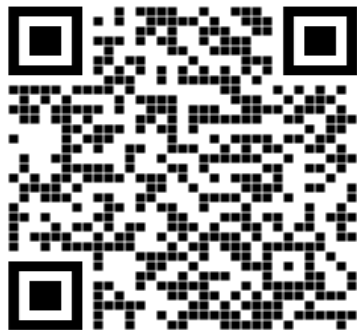
### OR

- 2 years of work experience in a clinical laboratory.
- Nationally recognized certification as a Medical Technologist/Technician preferred (ASCP).
- Individuals who are eligible for certification examination may qualify.
- Certification in a specialty category may be acceptable in lieu of Medical Technologist/Technician certification

## Mass General Brigham

## Talent Community

Interested in learning more about our opportunities or want to be contacted by one of our Talent Partners? Scan our QR code to join our talent community.



## Leadership, It's Always About Our Patients

It's our mission to do what is right for everyone who comes to us, and for the millions we'll never see. We lead with gratitude, equity, and transparency. We are committed to everyone feeling safe, welcome, and heard.

At the start of the COVID-19 outbreak, Mass General Brigham quickly responded, working with state and city leaders to make major decisions. These included the building of the 1,000-bed Boston Hope field hospital in 6 days.

These efforts were led by Dr. Anne Klibanski, President and CEO of Mass General Brigham, along with many other leaders across the system. Klibanski is dedicated to greater system-wide collaboration because it's the right thing for our patients. She has overseen several major initiatives to bring our entities closer together.

## For Our Employees

Our goal is for every employee to feel like a connected and valued member of our community, encouraged to reach out for the opportunities that inspire them and empowered to realize their greatest potential.



## For Any Questions, Please Contact:

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