

CURRICULUM VITAE

Katrina T. Moreau, MPH, MAT, MLS(ASCP)^{CM}
Clinical Associate Professor, Biomedical and Health Sciences
Public Health Contractor

Date Prepared October 2025

Contact Information

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Education

2023 **M.P.H.**, Public Health, special focus in Healthcare Management and Policy, University of Vermont, Larner College of Medicine, Burlington.
 Applied Practice Experience: *Development of a Protocol for Infectious Disease Response for the Vermont Department of Health Laboratory*
2010 **Post-Baccalaureate Certificate**, Medical Laboratory Science, (GPA 3.96) University of Vermont, Burlington
2002 **M.A.T.** Secondary Science Education, Tufts University, Somerville, MA
1996 **B.Sc. Cum Laude** Wildlife Biology and Conservation, Minor: Environmental Science, University of Massachusetts, Amherst

Fellowship

2018 Faculty Fellow in Service Learning

Certifications

Medical Laboratory Science, American Society for Clinical Pathology, renewed 2025. (ID: 25363021)
Laboratory Professional Leadership Certificate, ASCLS, 2024

Teaching Experience

2023- **Clinical Associate Professor**, Biomedical and Health Sciences, University of Vermont

2024-2025 Academic Year

MLS 3200 – Hematology Laboratory
MLS 3100 – Clinical Practicum: Chemistry
MLS 3200 – Clinical Practicum: Hematology
MLS 3300 – Clinical Practicum: Microbiology
MLS 3400 – Clinical Practicum: Immunohematology
MLS 3900 – Topics in Clinical Laboratory Science
MLS 3910 – Foundations of Interprofessionalism

MLS 3995/5995 – Independent Study
MLS 6700 – Clinical Practicum, Medical Laboratory Science Graduate Program
MLS 6000 – Certification Review, Medical Laboratory Science Graduate Program

2023-2024 Academic Year

MLS 3200 – Hematology Laboratory
MLS 3100 – Clinical Practicum: Chemistry
MLS 3200 – Clinical Practicum: Hematology
MLS 3300 – Clinical Practicum: Microbiology
MLS 3400 – Clinical Practicum: Immunohematology
MLS 3900 – Topics in Clinical Laboratory Science
MLS 3910 – Foundations of Interprofessionalism
MLS 6700 – Clinical Practicum, Medical Laboratory Science Graduate Program
MLS 6000 – Certification Review, Medical Laboratory Science Graduate Program
MLS 6300 – Emerging Diagnostic Technologies, Medical Laboratory Science Graduate Program

2017-2023 **Clinical Assistant Professor**, Biomedical and Health Sciences, University of Vermont

2022-2023 Academic Year

MLS 231 – Hematology Laboratory
MLS 220 – Clinical Practicum: Chemistry
MLS 230 – Clinical Practicum: Hematology
MLS 250 – Clinical Practicum: Microbiology
MLS 260 – Clinical Practicum: Immunohematology
MLS 292 – Topics in Clinical Laboratory Science
MLS 301 – Clinical Practicum, Medical Laboratory Science Graduate Program
MLS 302 – Certification Review, Medical Laboratory Science Graduate Program
MLS 371 – Clinical Correlations I, Medical Laboratory Science Graduate Program

2021-2022 Academic Year

MLS 231 – Hematology Laboratory
MLS 220 – Clinical Practicum: Chemistry
MLS 230 – Clinical Practicum: Hematology
MLS 250 – Clinical Practicum: Microbiology
MLS 260 – Clinical Practicum: Immunohematology
MLS 292 – Topics in Clinical Laboratory Science
MLS 301 – Clinical Practicum, Medical Laboratory Science Graduate Program
MLS 302 – Certification Review, Medical Laboratory Science Graduate Program
MLS 371 – Clinical Correlations I, Medical Laboratory Science Graduate Program
MLS 372 – Emerging Diagnostic Technologies, Medical Laboratory Science Graduate Program

2020-2021 Academic Year

HSCI 250 – Writing for Health Professionals
MLS 231 – Hematology Laboratory
MLS 220 – Clinical Practicum: Chemistry
MLS 230 – Clinical Practicum: Hematology
MLS 250 – Clinical Practicum: Microbiology

MLS 260 – Clinical Practicum: Immunohematology
 MLS 292 – Topics in Clinical Laboratory Science
 MLS 301 – Clinical Practicum, Medical Laboratory Science Graduate Program
 MLS 302 – Certification Review, Medical Laboratory Science Graduate Program

2019-2020 Academic Year

HSCI 250 – Writing for Health Professionals
 MLS 301 – Clinical Practicum, Medical Laboratory Science Graduate Program
Remote Clinical Rotations: Clinical Chemistry and Microbiology
 MLS 302 – Certification Review, Medical Laboratory Science Graduate Program
 MLS 372 – Clinical Correlations II, Medical Laboratory Science Graduate Program

2018-2019 Academic Year

HSCI 250 – Writing for Health Professionals
 HSCI 290 – Internship/Fieldwork in Health Sciences
 MLS 295 – Special Topic: Community Health and Point of Care Testing (Service Learning)
 MLS 301 – Clinical Practicum, Medical Laboratory Science Graduate Program
 MLS 302 – Certification Review, Medical Laboratory Science Graduate Program
 MLS 372 – Clinical Correlations II, Medical Laboratory Science Graduate Program

2017-2018 Academic Year

HSCI 290 – Internship/Fieldwork in Health Sciences
 HSCI 292 – Independent Study; Program Planning and Evaluation in Health and Human Services (Fall)
 HSCI 292 – Independent Study - Writing in the Health Professions. (Spring)
 MLS 282 – Public Health Practicum
 MLS 301 – Clinical Practicum, Medical Laboratory Science Graduate Program
 MLS 302 – Certification Review, Medical Laboratory Science Graduate Program
 MLS 371 – Clinical Correlations I, Medical Laboratory Science Graduate Program

2020- Program Director, Medical Laboratory Science, The University of Vermont, Burlington, VT

- Responsible for the organization, administration, instruction, evaluation, continuous quality improvement, curriculum planning and development for an accredited academic program
- Provide direction and mentorship to other program faculty/staff
- Assess the effectiveness of the program annually
- Participate in budget preparation and pursue grant and funding opportunities for programmatic and student support
- Engage in yearly continuing education including professional meetings, conferences and presentations.

2016-2019 Program Director, Health Sciences, The University of Vermont, Burlington, VT

- Launched a new Health Sciences undergraduate program in the College of Nursing and Health Sciences.
- Expanded the program from two students in the first year to nearly 200 students within three years.
- Developed and led marketing, curriculum planning, faculty recruitment, and

outreach activities associated with new program initiatives.

- 2015 - 2017 Adjunct Clinical Educator, The University of Vermont, Burlington, VT
- Coordinated and oversaw clinical rotations for Medical Laboratory Science students.
 - Organized and led student orientation for the hospital and laboratory.
 - Participated in UVM MLS Clinical Coordinator meetings and served as communication liaison between UVM Medical Laboratory Science Program and UVM Medical Center.
 - Mentored medical laboratory science students throughout the clinical rotations on career pathways, certification exam preparation and case study writing.
- 2014 - 2017 Laboratory Educator, The University of Vermont Medical Center, VT
- Applied learning and pedagogical theories to the development and facilitation of Preceptor Workshops for laboratory staff responsible for teaching and training MLS students and new hires. This workshop became mandatory for all laboratory staff.
 - Provided guidance for the development and implementation of on-the-job training for new phlebotomists including curriculum development, competency assessment and mentor support.
 - Created and led numerous interprofessional active learning sessions about specimen collection, labeling and integrity which were held during nurse orientation programs, in-services and education days.
 - Led quality improvement initiatives and managed process improvement plans both within the laboratory and across numerous clinical services such as the pediatrics, intensive care units, emergency department and surgery.
 - Coordinated community-based education programs including high school job shadows, UVM Summer Academy and MedQuest.
 - Oversaw the planning and implementation of monthly continuing education offerings to all Pathology and Laboratory Medicine employees within UVM Health Network.
 - Recruited, trained and oversaw internal audit team focused on assessing CAP accreditation standards.
- 2012-2014 Point of Care Specialist, Fletcher Allen Health Care, VT
- Developed, implemented, and evaluated training programs for waived and moderately complex testing for hospital and clinical employees.
 - Developed and administered competencies and maintained learning management system records for more than 2500 operators who performed point of care testing.
 - Performed linearities, biannual correlations, interfacing checks and required maintenance on waived and moderately complex instruments across all testing sites.
 - Conducted regularly scheduled site visits to support quality assurance and audit compliance.
- 2010-2019 Four Winds Nature Program, Williston School District, VT

- Led monthly nature-based lessons for elementary students with other parent volunteers.
- 2004-2007 Educator and Volunteer Coordinator, Audubon Society of Rhode Island
- Developed and taught environmental education lessons for the classroom, outdoor programs and special events for age groups pre-school through older adults.
 - Recruited, managed and trained over 130 volunteers to assist with education programs, special events, grounds keeping, and become docents for tours and the exhibit hall.
- 2002-2003 Eighth Grade Science Teacher, Somerset Middle School, MA
- Created lesson plans, programs, and workshops with environmental, life and earth science focus.
 - Developed education plans to meet specific learning needs and goals for diverse learners.
 - Designed classroom environment to foster interactive group work and team problem solving.
 - Evaluated and communicated learning progress to students, parents and professionals.
- 1996,1997 Teaching Assistant, “The Environment and Society”, University of Massachusetts
- Created rubrics, reviewed assignments, and corrected exams.
 - Maintained student records.
 - Provided academic support to students as needed.

Clinical* and Administrative Experience

- 2025 - **Project Manager**, Contractor, APHL, MD.
“MMWR Competency Guidelines for Public Health Laboratory Professionals Revision”
- 2022 - 2025 **CLIA Laboratory Director and Laboratory Consultant***, Community Health Centers of Burlington, Burlington, VT
- 2020 - **Program Director**, Medical Laboratory Science Undergraduate Program, University of Vermont, Burlington, VT
- 2020 - 2022 **CLIA Laboratory Director and Laboratory Manager***, Community Health Centers of Burlington, Burlington, VT
- 2019 - **Program Coordinator**, Medical Laboratory Science Graduate Program, University of Vermont, Burlington, VT
- 2017 – **Laboratory Consultant***, Appletree Bay Primary Care, Burlington, VT
- 2016 – 2019 **Program Director**, Health Sciences Undergraduate Program, College of Nursing and Health Sciences, University of Vermont, Burlington, VT
- 2014 – 2017 **Lab Ambassador**, University of Vermont Medical Center, Burlington, VT
- 2012 – 2014 **Point of Care Specialist***, Fletcher Allen Health Care, Burlington, VT
- 2010 – 2012 **Medical Technologist***, Clinical Chemistry, Fletcher Allen Health Care, VT
- 2010 **Clinical Practicum and Phlebotomy***, Generalist, Fletcher Allen Health Care, VT
- 2009, 2010 **Ambassador**, Area Health Education Center (AHEC), VT
- 1998 – 2002 **Radiochemist and Sample Prep Technician**, Duke Engineering and Services, Westborough, MA

Grants

- \$4850 College of Nursing and Health Sciences (CNHS). (2019-2020) Curriculum Innovation Grant. Funding awarded for the development of problem-based case studies to implement across the health sciences program. In addition, this effort created an opportunity for faculty across the college to engage in learning about and skill building around evidence-based teaching practices that would immediately impact the learning environment for students. Member of team with Deborah Hinchey, MPH and Kenneth Allen, EdD, MBA.
- \$2500 American Society of Clinical Pathology. (2018-2019) Funding awarded for Phase One of the development of an online preceptor workshop to support clinical affiliates. Member of team with Christine Griffin, MS, MLS(ASCP).

Posters, Presentations and Articles

- 2025 **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM. *Turning Experience Into Advocacy*. ASCLS Today. April. Article.
- 2025 **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM. *Medical Laboratory Science*. UVM 4-H Extension. Teen Science Café. March 22. Presentation.
- 2025 Charles Gilroy, MHA. **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM. *Be a Medical Lab Detective: Use Clues to Uncover Causes of Disease*. HOSA State Leadership Conference. March. Presentation.
- 2025 **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM and Shauna Maciel, DHSc, MSHS, MLS(ASCP), SBB. *Solutions Ignite! Clinical Experiences Task Force*. ASCLS Clinical Laboratory Educators Conference. March 6. Plenary Session.
- 2025 Margaret Cohen, **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM. “Across the Fence” Teen Science Café and Medical Laboratory Science. WCAX. February 10. Interview.
- 2025 Cole Royer, Matthew Owens, Kenrick Wyson, MD, Michael Madrid, MD, **Katrina Moreau**. *A case of disseminated blastomycosis in New England*. Science Direct. Elsevier. Vol. 39. <https://doi.org/10.1016/j.idcr.2024.e02139>
- 2025 Rachelle Gould, PhD, **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM, Brendan Fisher, PhD, David Gonzales-Jimenes, PhD, Christine Vatovec, PhD. *Environmental degradation does not increase cortisol-measured stress*. Accepted for Publication by *PLoS One*.
- 2024 **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM. “Non-traditional” Ways to Raise Awareness of Laboratory Science in Higher Education. ASCP Annual Meeting. Workforce Lounge. August. Presentation.
- 2024 **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM, Georgia Vega, MBA, MLS(ASCL)CM. *Education 2.0: Embracing Tech and Trends*. ASCLS Today. Volume 38, Number 3. June. Article.
- 2024 **Katrina Moreau**, MPH, MAT, MLS(ASCP)CM. *Raising the Visibility of the Laboratory*

Science Profession within Colleges and Universities. COLA Workforce Action Alliance. May. Presentation.

- 2024 Patrick Payne, MPH, **Katrina Moreau**, MPH, MAT, MLS (ASCP)^{CM}, Mia Klonsky, MPH, Alyssa Oviedo, Sarah Nowak, PhD. *Association Between Insurance Type and Extended Length of Stay in Urban and Rural Vermont Hospitals*. **Under Review**. Submission to the Journal of Rural Health.
- 2023 Patrick Payne, MPH, **Katrina Moreau**, MPH, MAT, MLS (ASCP)^{CM}, Mia Klonsky, MPH, Alyssa Oviedo, Sarah Nowak, PhD. *Association Between Insurance Type and Extended Length of Stay in Urban and Rural Vermont Hospitals*. APHA Delta Omega and APHA Medical Care, APHA Annual Meeting. November 2023. Poster. Presented by P. Payne.
- 2023 Payne, Patrick; Moreau, Katrina MAT, MLS(ASCP)CM; Klonsky, Mia; Oviedo, Alyssa; and Nowak, Sarah PhD, "Association Between Insurance Type and Extended Length of Stay in Urban & Rural Vermont Hospitals" (2023). *Master of Public Health Culminating Projects*. 38. <https://scholarworks.uvm.edu/mphcp/38>
- 2023 **Katrina Moreau**, MPH, MAT, MLS (ASCP)^{CM}. *Social Determinants of Health: From Disparities to Artificial Intelligence*. ASCLS Today. July/August. Article.
- 2023 Amy Leber, PhD, D(ABMM), SM(ASCP)MB, *Director of Clinical Microbiology & Immunoserology* Nationwide Children's Hospital; Jonathan Genzen, MD, PhD, Chief Medical Officer, ARUP Laboratories; James Crawford, MD, Senior Vice President, Laboratory Services, Northwell Health; **Katrina Moreau**, MAT, MLS (ASCP)^{CM}, Program Director for Clinical Laboratory Science, University of Vermont; Rowena Pablico, National President, PAMET-USA, Inc. *Appreciating the Efforts Underway*. COLA Workforce Alliance Summit. May 2, 2023. Panelist.
- 2021 Shrader, Courtney, MSHS, MLS (ASCP)^{CM}, CPHQ, **Moreau, Katrina**, MAT, MLS (ASCP)^{CM}, *Providing an Affirmative Experience for Transgender Patients*. ASCLS Today. January/February. <https://ascls.org/providing-an-affirmative-experience-for-transgender-patients/> Article.
- 2021 **Moreau, Katrina**, MAT, MLS (ASCP)^{CM}, *Urine Cultures: From collection to identification and susceptibility testing*. Community Health Centers of Burlington. Continuing Education. October 28. Presentation.
- 2021 **Moreau, Katrina**, MAT, MLS (ASCP)^{CM}, *Urinalysis: Microscopy and Case Studies*. Community Health Centers of Burlington. Continuing Education. June 11. Presentation.
- 2021 **Moreau, Katrina**, MAT, MLS (ASCP)^{CM}, Wojewoda, Christina, MD, and Gibson, Pamela, MD. Pathology and Medical Lab Sciences. Virtual Teleconference: *Reach, Explore and Aspire to Careers in Healthcare*. July. <https://youtu.be/miV5s-AIjk8> Presentation.
- 2020 Shrader, Courtney, MSHS, MLS (ASCP)^{CM}, CPHQ, **Katrina Moreau**, MAT, MLS (ASCP)^{CM}, Ramos, Gerardo, Ph.D., MS, MLS (ASCP)^{CM}, F-ABFT. *Telehealth and the*

Impact to the Clinical Laboratory Amid a Pandemic. Lab Testing Matters. December 1. <https://www.labtestingmatters.org/uncategorized/telehealth-and-the-impact-to-the-clinical-laboratory-amid-a-pandemic/> Article.

- 2019 **Katrina Moreau**, MAT, MLS (ASCP)^{CM} and Koela Ray, MS. *When will I know my lab results?* UVM 4-H Extension. Teen Science Café. October 19. Presentation.
- 2019 Christine Griffin, MS, MT(ASCP)SH, Paula Deming, PhD, MT(ASCP), **Katrina Moreau**, MAT, MLS (ASCP)^{CM} and Burton W. Wilcke, Jr., PhD. *University of Vermont Medical Laboratory Science: Public Health Laboratory Science Concentration*. American Society of Clinical Laboratory Science (ASCLS) Clinical Laboratory Educators Conference (CLEC), Baltimore, MD. February. Poster.
- 2017 **Katrina Moreau**, MAT, MLS (ASCP)^{CM} *Hot Topic - Preceptor Workshops for Laboratory Employees*, American Society of Clinical Laboratory Science (ASCLS) Clinical Laboratory Educators Conference (CLEC), Boston, MA. February. Presentation.
- 2016 **Katrina Moreau**, MAT, MLS (ASCP)^{CM}, Nicole Carney, MHA. *Internal Inspector Gadgets*. UVM Health Network Quality Symposium. Poster.
- 2013, 2014 *Journey through Point of Care Testing*. Clinical Chemistry Lab, University of Vermont, Guest Lecturer.
- 2013 **Katrina Moreau**, MAT, MLS (ASCP)^{CM}. *Renovating Point of Care Testing in the Medical Home*. New England Clinical Laboratory Association (NECLA) Conference. Burlington, VT. October. Presentation.

Current Committees and Boards

Professional

- 2025 – Association of Medical Laboratory Education Programs, Board of Directors.
- 2024 – APHL – CDC Career Pathways/Workforce Pipeline Steering Committee, Member.
- 2023 – Workforce Action Alliance (COLA), Member.
- 2020 – Patient Safety and Diagnostic Stewardship Committee, American Society for Clinical Laboratory Scientists (ASCLS), Past Chair.

Academic

- 2021 – Pathology and Laboratory Medicine Education Committee, Member (UVMCM).
- 2020 – Medical Laboratory Science Advisory Committee, Chair. (UVM)
- 2017 – Student Standards Committee, Member (CNHS). [Interim Chair, 2022-2023, Fall 2024]

Community

- 2025 – River Valley Community College MLT Program, Advisory Board, Member.
- 2021 – Burlington Technical Center, Health Sciences Academy Advisory Committee, Member.

Past Committees and Work Groups

- 2022 – 2025 Leadership Development Committee, American Society for Clinical Laboratory Scientists (ASCLS), Member.
- 2021 – 2022 CNHS Health and Wellness Center Planning Committee, Member
- 2021 – 2022 Radiation Sciences Search Committee, Member

2020 – 2024	Patient Safety Committee, American Society for Clinical Laboratory Scientists (ASCLS), Member 2020-2023, Vice Chair 2023-2024, Chair 2024-2025, Past Chair 2025-2026.
2020 – 2021	Strategic Planning Committee, Environmental Scan Work Group, Member. Community Health Centers of Burlington. VT.
2019 – 2020	Global Citizenship ad hoc Work Group under General Education Committee, Member (UVM)
2019 – 2020	Medical Laboratory Science, Search Committee, Chair (UVM)
2018 – 2021	Interprofessional Education Committee, Member (UVM)
2018 – 2019	Exercise and Movement Science Search Committee, external department member (UVM)
2017 – 2020	Medical Laboratory Science Advisory Committee, Member (UVM)
2017 – 2018	Health Sciences Faculty Search Committee, Co-Chair (UVM)
2017 – 2018	Pathology and Laboratory Medicine Education Committee, Member (UVMMC)
2015 – 2017	Pathology Education Council, ex officio member (UVMMC)
2015 – 2017	Pathology Grand Rounds, member (UVMMC)
2017	Infection Prevention Advocacy, Member (UVMMC)
2016 – 2017	Value Analysis Committee, Member (UVMMC)
2016 – 2017	Patient and Family Centered Care, Work Group Member (UVMMC)
2014 – 2017	Pathology and Laboratory Medicine Education Committee, Chair (UVMMC)
2014 – 2017	Our Common Values, Member (UVMMC)
2014 – 2017	Spirit Committee, Member (UVMMC)

Reviewer

2020 Journal of Clinical Laboratory Science

Honors and Awards

2025	ASCLS Omicron Sigma Recipient, National Recognition
2023	APHA Delta Omega Poster Session
2010	American Society of Clinical Pathologists Scholarship
2009	Kay Barron Scholarship, ASCLS-VT chapter

Memberships

2010 - American Society of Clinical Laboratory Scientists