

Andrew W. LeMay

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Education

St. Cloud State University Clinical Laboratory Science B.S.	December 2020
North Hennepin Community College Associate of Arts	May 2017
North Hennepin Community College Medical Laboratory Technology A.A.S.	May 2016
South Central College Culinary Arts A.A.S.	May 2007

Honors and Awards

St. Cloud State University Cum Laude	December 2020
North Hennepin Community College NHCC Scholar	May 2017
North Hennepin Community College Phi Theta Kappa Honors Society	May 2016

Certification

Medical Laboratory Scientist (ASCP)^{CM}	December 2020 – Present
Medical Laboratory Technician (ASCP)^{CM}	July 2016 – January 2020

Laboratory Work Experience

Allina Healthcare, Minneapolis, MN

Medical Laboratory Scientist May 2016 – June 2021
Worked in specimen processing, Chemistry, Hematology, Coagulation, Urinalysis, Microbiology, Blood Bank, performed phlebotomy when needed, trained in Isolation Lab. Performed routine maintenance and quality control on instruments in all departments.

Areas of focus: Molecular Diagnostics - Participated in development and initial stages of implementing new instrumentation for high output COVID-19 testing, was assigned special tasks by department technical specialist to ensure proper data was being reported to Minnesota Department of Health.

Education Work Experience

North Hennepin Community College, Brooklyn Park, MN

ALTH Phlebotomy Program Coordinator

August 2021 – present

Responsible for program assessment, scheduling, application processing and class selection, student and faculty affairs, clinical affiliations, and working on accreditation for the phlebotomy program. Achieved reaccredited of the MLT program and received maximum years of accreditation. Developed two new phlebotomy courses and a new phlebotomy certificate.

MLT Faculty

June 2021 – present

Courses taught which included both lecture and lab:

Clinical Urinalysis/Body Fluids (2 cr)

Fall – 2022 (co-taught)

Clinical Hematology (4 cr)

Spring – 2022 (co-taught)

Clinical Immunology (2 cr)

Spring – 2021, 2022, 2023, 2024

Clinical Chemistry (4 cr)

Fall - 2021, 2022, 2023

Clinical Laboratory Basics (1 cr)

Fall - 2021, 2022, 2023

Clinical Laboratory Instrumentation (1 cr)

Fall - 2021, 2022, 2023

ALTH Faculty

June 2021 – present

Phlebotomy Technology (4 cr)

Summer - 2021, 2022, 2023

Spring – 2022, 2023, 2024

Fall - 2023

Additional courses taught:

Applied Chemistry (2 cr)

Spring - 2022, 2023, 2024

Applied Phlebotomy (1 cr)

Spring - 2023, 2024

Applied Urinalysis (1 cr)

Spring - 2023

Applied Microbiology (2 cr)

Spring - 2023

Applied Immunohematology (2 cr)

Spring - 2023

Phlebotomy Practicum (clinical rotations)

Summer - 2021, 2022, 2023

Spring – 2022, 2023, 2024

Fall - 2023

Conferences and Professional Development

Attended: ASCP Conference

October 31, 2018

American Society for Clinical Pathology

November 1, 2018

Workshops on various laboratory topics including case studies, new technology, and current laboratory trends.

Attended: CLEC
Clinical Laboratory Educators Conference

February 22-24, 2024

Workshops on various education topics including new instructor tips, critical thinking, and new technology to incorporate into the classroom.

Professional Organizations

American Society for Clinical Laboratory Science July 2016 – present

American Society for Clinical Pathology July 2016 – present

Committees

Employee Satisfaction Committee - Chair December 2022 – Present

Continuing Education

Course #	Title	Date Taken	Location	Description	Credit Hours
APIC15388215	Electrolytes	5/8/2017		CME/CMLE	1.00
CSMB1604	Case Reports Microbiology 2016 Exercise 4: Localized Cutaneous Viral Infections (CSMB1604)	5/6/2017		CME/CMLE	2.00
CSCC1506	Abnormal Presence of Leucine Crystals in the Urine of a Child with Respiratory Failure: Case Reports Clinical Chemistry 2015 Exercise 6	5/5/2017		CME/CMLE	2.00
AJHE1412	Acute Myeloid Leukemia With Monosomal Karyotype: Morphologic, Immunophenotypic, and Molecular Findings	5/2/2017		CME/CMLE	1.00
	Sub Total	2017		CME/CMLE	6.00
CEUDCO51602	A Case of Unexplained Cerebral Sinus Thrombosis in a 22-Year-Old Obese Caucasian Woman	5/8/2017		CMLE	1.00
CEUDHE51501	A 5-Hour-Old Male Neonate with Cyanosis	5/6/2017		CMLE	1.00
CEUDCH21501	A Nontoxic Case of Vitamin D Toxicity	5/5/2017		CMLE	1.00
LQCL1606	LabQ 2016-A Widespread Panic (When Ebola Comes to Town (No. 1606)	5/2/2017		CMLE	2.00
CEUDB61401	Two Case Studies and A Review of Paroxysmal Cold Hemoglobinuria	5/2/2017		CMLE	1.00
	Sub Total	2017		CMLE	6.00
WMLM1409	LMU Advanced 05 Operations - Lean Quality Improvement: A Practical Approach (enduring material)	4/11/2018		CME/CMLE	1.50
Course #	Title	Date Taken	Location	Description	Credit Hours
WMLM1414	LMU Advanced 04 Operations - Managing Your Laboratory	4/11/2018		CME/CMLE	1.00
WMLM1402	LMU Advanced 03 Operations - Analyzing and Managing Workflow in the Lab	4/11/2018		CME/CMLE	1.00

WMLM1404	LMU Advanced 02 Personnel - The Benefits of Mentoring in the Pathology Department (enduring material)	4/10/2018		CME/CMLE	1.00
WMLM1413	LMU Advanced 01 Personnel Management - Pathology Personnel and The Challenge of Change	4/10/2018		CME/CMLE	1.00
GRIOSUEM1801	ASCP Scientific Updates: Molecular Marker Testing Recommendations for Lung Cancer Treatment	4/10/2018		CME/CMLE	0.50
GRCHIOEM1701	An Overview of Immuno-Oncology	4/5/2018		CME/CMLE	1.00
CSCC1601	Case Reports Clinical Chemistry 2016 Exercise 1: The Trials and Tribulations of Testosterone Testing (CSCC1601)	4/5/2018		CME/CMLE	2.00
AJHE1515	Acute Erythroleukemias, Acute Megakaryoblastic Leukemias, and Reactive Mimics: A Guide to a Number of Perplexing Entities	1/7/2018		CME/CMLE	1.00
Sub Total		2018		CME/CMLE	10.00

WL18FMN5801	Is it Reactive or Malignant? Enhancing Diagnostic Skills in Morphologic Hematology	11/1/2018	Minneapolis, MN	CMLE	6.50
WL18FMN9389	Body Fluid Cellular Morphology	10/31/2018	Minneapolis, MN	CMLE	6.50
Course #	Title	Date Taken	Location	Description	Credit Hours
LQCD1501	Castleman's Disease LabQ	4/5/2018		CMLE	2.00
Sub Total		2018		CMLE	15.00

NON_ASCP	Chronic Kidney Disease	11/30/2021	Online	CMLE	1.50
NON_ASCP	Cardiac Biomarkers	9/13/2021		CMLE	1.50
NON_ASCP	ABO Typing Discrepancies	9/13/2021		CMLE	1.50
Sub Total		2021		CMLE	4.50

AJCOVID19	AJCP/Lab Medicine COVID-19 Series	10/18/2022		CME/CMLE	4.00
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ITLPDIIN2201		10/3/2022	CME/CMLE	1.00
	Inside the Lab Podcast/ Promoting DEI in Laboratory Medicine			
AJTM2102	A Tertiary Academic Medical Center Blood Bank's Experience With Four-Factor Prothrombin Complex Concentrate	10/3/2022	CME/CMLE	1.00
APIMC2138892	Blood Parasites 11	10/3/2022	CME/CMLE	1.00
AJLM2207	Challenges and Opportunities in Using Twitter as a Pedagogical Tool in Pathology and Laboratory Medicine Education	10/3/2022	CME/CMLE	1.00
	Sub Total	2022	CME/CMLE	8.00
NON_ASCP	Warm Antibodies and Autoantibodies in Blood Banking	7/18/2022	CMLE	1.00
NON_ASCP	Case Studies in Hematology - Nonmalignant WBC Disorders	7/18/2022	CMLE	1.00
NON_ASCP	Semen Analysis	7/10/2022 Online	CMLE	1.50
	Sub Total	2022	CMLE	3.50
AJLM2208	Adding Automation and Independent Dual Verification to Reduce Wrong Blood in Tube (WBIT) Events	11/6/2023	CME/CMLE	1.00
CSCC2104	Case Reports Clinical Chemistry 2021 Exercise 4: Evaluation of Recurrent Acute Pancreatitis in a 23-Year-Old Woman	11/6/2023	CME/CMLE	2.00
CSCC2105	Case Reports Clinical Chemistry 2021 Exercise 5: Future Assays for the Current Pandemic: Implications in Kidney Disease	7/12/2023	CME/CMLE	2.00
CSCC2203	Case Reports Clinical Chemistry 2022 Exercise 3: Biomarkers in Acute Kidney Injury in the Pediatric Population	6/30/2023	CME/CMLE	2.00
CSCC2103	Case Reports Clinical Chemistry 2021 Exercise 3: Cushing Syndrome	6/5/2023	CME/CMLE	2.00
CSCC2202		6/5/2023	CME/CMLE	2.00
	Case Reports Clinical Chemistry 2022 Exercise 2: Triaging Chest Pain Patients After Implementation of High-Sensitivity Troponin Testing			
CSCC2201	Case Reports Clinical Chemistry 2022 Exercise 1: Assessing Estimated Glomerular Filtration Rate in Progression of Chronic Kidney Disease	6/5/2023	CME/CMLE	2.00

AJMB2201

Comparison of Anti-SARS-CoV-2 S1
Receptor-Binding Domain Antibody
Immunoassays in Health Care Workers Before and
After the BNT162b2 mRNA Vaccine

6/5/2023

CME/CMLE

1.00