

CHRISTINE B. GREGORY-SCHUELL

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PROFESSIONAL PROFILE

Highly organized and dependable Medical Laboratory Technologist with a positive attitude and a strong commitment to teamwork. Demonstrates proven leadership and supervisory skills through extensive experience in academic program coordination, including the development and updating of theoretical curriculum to ensure full alignment with CSMLS and MLPAO competencies and accreditation standards. Adept at mentoring students, supporting faculty, and maintaining program quality while fostering a collaborative and professional learning environment.

Actively engaged in maintaining program quality and supporting the college's accreditation processes, ensuring compliance with regulatory and professional standards. Upholds strict confidentiality and ethical principles in all professional activities. Dedicated advocate for lifelong learning and continuous professional development, consistently enhancing theoretical knowledge and practical laboratory skills through ongoing educational opportunities and professional training.

Licensed and Certified for 2026

CSMLS – #37821

CMLTO – #02460

MLPAO – #312

PROFESSIONAL EXPERIENCE

Algonquin Careers Academy, (Remote)

MLA/T Program Coordinator Aug 2022 – Dec 2025

- Delivered and coordinated the MLA/T program in an online learning environment.
- Utilized digital instructional materials and assessments to facilitate student learning.
- Collaborated with senior administration to improve student engagement and enhance program outcomes.
- Reviewed and updated theoretical curriculum to maintain alignment with CSMLS and MLPAO competencies
- Facilitated regular PAC and MLA/t staff meetings, including organizing Patient Partner guest speakers.
- Managed the acquisition of new laboratory equipment and supplies to support practical learning.
- Partnered with fellow MLA/T coordinators to update practicum documents and the student handbook.
- Developed and implemented an online resource of job websites for Ottawa, making it easily accessible to students.

Anderson College, Mississauga Campus

MLA/T Lead Instructor and Program Coordinator 2021 – Aug 2022

(The Algonquin Careers Academy campus I worked at was sold to Anderson College)

- Collaborated with administration to plan and implement program enhancements for the MLA/T curriculum, ensuring alignment with MLPAO and CSMLS competencies/accreditation standards.
- Delivered both theoretical and practical instruction, covering core laboratory skills, professional ethics, safety protocols, and SimTech applications to prepare students for competent practice.
- Integrated current industry standards and best practices into course content, fostering critical thinking, technical proficiency, and professional accountability among students. Arra
- Arranged guest speakers

Algonquin Careers Academy, Mississauga Campus

MLA/T Lead Instructor 2019 – 2021

- Delivered comprehensive classroom instruction and laboratory training aligned with current industry standards and regulatory requirements, ensuring students acquire the knowledge and skills necessary for professional practice.
- Taught the full spectrum of didactic content and technical laboratory components within the MLA/T program, integrating theory with practical applications to enhance student learning.
- Monitored student progress and performance, providing structured academic mentorship, individualized guidance, and thorough evaluations to support student development and competency achievement.
- Contributed to curriculum review, development, and ongoing updates to maintain program relevance, quality, and alignment with evolving professional standards.
- Coordinated program logistics, including ordering laboratory supplies, overseeing annual equipment maintenance, and ensuring a safe and well-equipped learning environment.
- Organized guest speakers and professional presentations to enrich student learning and expose them to current industry practices.
- Facilitated Program Advisory Committee (PAC) meetings and actively contributed as a member of the Safety Committee to support institutional governance and compliance.
- Participated in the ACA accreditation process ensuring program alignment with professional with the CSMLS and MLPAO competencies
- Authored an article for the MLPAO "Advocate" magazine at the request of the organization, which was subsequently published, demonstrating professional recognition and contribution to the field.

Algonquin Careers Academy, Toronto Campus

MLA/T Program Coordinator 1997 – 2018

Formerly Lab Arts Institute then CJ College in Scarborough then ACA

- Oversaw the MLA/T program curriculum, ensuring full compliance with provincial standards and accreditation requirements.
- Taught the complete didactic and technical laboratory components of the MLA/T program.
- Coordinated program operations, faculty assignments, and student evaluation processes.
- Managed student placements and maintained clinical partnerships across healthcare institutions.
- Supported faculty onboarding and coordinated academic timetables and teaching schedules.
- Maintained program documentation, quality assurance records, and student files with accuracy and confidentiality.

Michener Institute, Toronto

MLAT Instructor 2000 – 2003

- Developed and delivered didactic refresher courses in Hematology, Microbiology, and Chemistry for internationally trained students in Medical Laboratory Technology preparing them for the CSMLS certification exam
- Provided comprehensive instruction in theoretical concepts across Hematology, Microbiology, and Chemistry, ensuring students met required knowledge standards.
- Offered mentorship and guidance to support the academic and professional development of foreign trained students.

Pro-Lab Diagnostics Richmond Hill, ON

Technical Support Technologist 2000 – 2001

- Troubleshoot and provided solutions for customer and technical issues related to Microbiology and Immunology diagnostic products, ensuring optimal product performance and client satisfaction.
- Served as Radiation Safety Officer, overseeing compliance with safety protocols and regulatory standards.
- Authored and reviewed medical and technical documents focused on viral infections, contributing to accurate and evidence-based clinical guidance.

Dufferin/Peel Separate School Board, Mississauga

Instructor 1997 - 2000

- Developed, authored, and delivered comprehensive curriculum on “Interpretation of Laboratory Results,” specifically designed for Registered Nurses (RNs), ensuring content was evidence-based, clinically relevant, and aligned with industry standards.
- Created all instructional materials, including lecture content, case studies, and assessment tools, to facilitate effective learning and practical application in clinical settings.
- Facilitated interactive didactic sessions, guiding RNs in understanding laboratory data interpretation and enhancing clinical decision-making skills.

Scarborough General Hospital

Medical Laboratory Technologist 1997 – 1998

- Conducted detailed analysis of patient samples in Biochemistry, Hematology, Immunohematology (including autologous donations), Microbiology, RIA, Urinalysis, Toxicology, and Special Chemistry, using a range of laboratory analyzers to ensure precise and timely results.
- Oversaw maintenance, calibration, and troubleshooting of laboratory instruments, performing daily, weekly, and monthly quality control checks to maintain compliance with laboratory standards.
- Generated and maintained Chemistry Quality Control (QC) charts, ensuring accurate documentation and adherence to laboratory protocols.
- Participated in IQMH (Institute for Quality Management in Healthcare) external quality assessment programs, contributing to accreditation processes and ongoing quality improvement initiatives.
- Verified both quality control data and patient results through MEDITECH and computer systems, ensuring regulatory and institutional compliance.
- Performed sweat chlorides as standard phlebotomy was performed by MLATs.

Trenton Memorial Hospital, Trenton

Medical Laboratory Technologist 1991 – 1997

- Performed comprehensive analysis of patient samples across Biochemistry, Hematology, Immunohematology,
- Microbiology, RIA, Urinalysis, and Toxicology, utilizing a variety of laboratory analyzers to ensure accurate and timely results.
- Maintained, calibrated, and troubleshooted laboratory equipment, conducting daily, weekly, and monthly quality control to uphold laboratory standards and compliance.
- Prepared and maintained all Chemistry Quality Control (QC) charts, ensuring accuracy, documentation, and adherence to laboratory protocols.
- Participated in IQMH (Institute for Quality Management in Healthcare) external quality assessment programs, supporting accreditation processes and continuous quality improvement initiatives.
- Verified quality control and patient results using the HEALTH CARE computer system, ensuring compliance with regulatory and institutional guidelines.
- Conducted phlebotomy in ICU, ER, Recovery Room, and Pediatric settings, including capillary punctures and neonatal capillary blood glucose (CBG) testing, with precision, patient safety, and strict adherence to infection control protocols.

Loyalist College, Belleville

Instructor 1989 – 1995

- Developed, authored, and delivered comprehensive curriculum on “Interpretation of Laboratory Results,” specifically designed for Registered Nurses (RNs), ensuring content was evidence-based, clinically relevant, and aligned with industry standards.
- Created all instructional materials, including lecture content, case studies, and assessment tools, to facilitate effective learning and practical application in clinical settings.
- Facilitated interactive didactic sessions, guiding RNs in understanding laboratory data interpretation and enhancing clinical decision-making skills.

EDUCATION

- Laboratory Medicine: St. Lawrence College, Kingston, Ontario
- Diploma in Laboratory Medicine: October 1990
- CMLTO Membership: February 1994
- CSMLS Membership: June 1990
- Cardiac Technology: Red River Community College, Winnipeg, Manitoba
- Diploma in Cardiology Technology: July 1985
- Radiation Safety Certificate; Radiation Safety Institute of Canada; 2001

Accumulated Educational Credits via Continuing Education

- 2025: 114 hours and 19.5 CSMLS PEP credits with certificates
- 2024: 76 hours and 18 ASCLS P.A.C.E credits with certificates
- 2023: 25 hours and 17 ASCLS P.A.C.E credits with certificates
- 2022: 15 hours and 3 ASCLS P.A.C.E credits with certificates
- 2021: 35 hours and 21.5 ASCLS P.A.C.E and 6 CSMLS PEP credits with certificates

Professional Activities

- Invigilator for the OSMT/MLAPO exam: University of Toronto - Annual basis 1990 - 2021
- Undergraduate Medical Program Assessor: McMaster University - Annual Basis 2016 - 2019