

Ashley Mathews

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EMPLOYMENT EXPERIENCE

Lead Sonographer University Health Network, Toronto, ON, Canada, 2023 - 2025

- Led cross-functional teams of sonographers across Princess Margaret, Toronto General, and Toronto Western to ensure optimal staffing for critical, time-sensitive, and life-saving diagnostic procedures.
- Boosted appointment capacity 12% by applying linear regression to key variables with findings presented to management and adopted as policy.
- Improved patient throughput 6% across 3 hospitals by applying time-series analysis of traffic patterns to reduce bottlenecks, leading to management-approved policy change.
- Improved staff retention 50% by partnering with stakeholders to design targeted onboarding and procedural training, reducing turnover and maintaining continuity of care.

Sonographer University Health Network, Toronto, ON, Canada, 2021 - 2023

- Increased client satisfaction scores 10% by applying correlation analysis of patient feedback and departmental performance to align workflows across 12+ departments.
- Eliminated 60-minute client wait times and increased daily appointment volume by optimizing scheduling workflows.
- Reduced documentation errors 25% by designing EPIC training tailored to staff needs through analysis of adoption and utilization data.

Sonography Intern Humber River Hospital, Toronto, ON, Canada, 2020 - 2020

- Boosted equipment utilization 30% by implementing compliance-focused training on research protocols and standards, ensuring adherence to third-party guidelines.
- Served as a key team member in the department's accreditation, achieving full compliance with ISO requirements.

Cell Biology Laboratory Teaching Assistant University of Waterloo, Waterloo, ON, Canada, 2014 - 2015

- Designed and led weekly lab sessions and graded 250+ assessments per term, thereby boosting student performance by 15%.

VOLUNTEER WORK

Ultrasound Student Advisor & Program Representative

St Clair College, Windsor, ON, Canada

2018 - 2020

- Increased student participation 20% by collaborating with faculty and student services to deliver engaging workshops and programs.

EDUCATION

Rotman School of Management, University of Toronto

MBA Candidate

Toronto, ON, Canada

2027

St Clair College

Diagnostic Medical Sonography Advanced Diploma

Windsor, ON, Canada

2021

College of Medical Radiation and Imaging Technologists of Ontario

Certification

Canada

2021

American Registry for Diagnostic Medical Sonography

Certification

USA

2020

University of Waterloo

Bachelor of Science, Honors Biomedical Sciences, Psychology Minor

Waterloo, ON, Canada

2017

ADDITIONAL ACHIEVEMENTS

- Joint Department of Medical Imaging (JDMI) Equipping the Future Scholarship, 2024
- Recipient of the Sonography Symposium Presentation Award, 2019

TECHNICAL SKILLS

Languages and Tools: SQL, Power BI, CORAL, Meditech, Velox, PACS, EPIC, EPR

Medical Tech Machines: Toshiba, Canon, Philips, Samsung, GE, Siemens