

# Ashley Mathews

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🌐 ashleymmathews

## EMPLOYMENT EXPERIENCE

### Lead Sonographer

2023 - 2025

*University Health Network - Toronto, ON, Canada*

- Led cross-functional teams of sonographers across 3 major hospitals (Princess Margaret, Toronto General, and Toronto Western) to ensure optimal staffing for critical, time-sensitive, and life-saving diagnostic procedures.
- Boosted appointment capacity by 12% by leveraging data analytics (linear regression) to identify key operational drivers; presented actionable insights to senior management, resulting in policy adoption.
- Increased patient throughput by 6% across three major hospitals by conducting time-series analysis of workflow patterns, identifying bottlenecks, and driving process improvements adopted at the organizational level.
- Enhanced staff retention by 50% through stakeholder collaboration to develop targeted onboarding and training programs, reducing turnover and ensuring operational continuity.

### Sonographer

2021 - 2023

*University Health Network - Toronto, ON, Canada*

- Boosted client satisfaction scores by 10% by conducting data-driven analysis of patient feedback and departmental KPIs, aligning workflows across 12+ departments for improved service delivery.
- Eliminated 60-minute client wait times and increased daily appointment volume by redesigning and optimizing scheduling processes, driving operational efficiency.
- Reduced documentation errors by 25% through development and implementation of targeted EPIC training programs, leveraging utilization data to address staff needs and enhance compliance.

### Sonography Intern

2020 - 2020

*Humber River Hospital - Toronto, ON, Canada*

- Increased equipment utilization by 30% through compliance-focused training.
- Contributed to departmental accreditation through documentation and quality, achieving compliance with ISO standards.

### Cell Biology Laboratory Teaching Assistant

2014 - 2015

*University of Waterloo - Waterloo, ON, Canada*

- Designed and facilitated weekly laboratory sessions, managing and grading 250+ assessments per term.
- Implemented instructional strategies that improved student performance by 15%.

## VOLUNTEER WORK

### Ultrasound Student Advisor & Program Representative

2018 - 2020

*St Clair College - Windsor, ON, Canada*

- Drove 20% increase in student participation by collaborating with faculty and student services to launch high-impact workshops and programs.

## ADDITIONAL ACHIEVEMENTS

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

## TECHNICAL SKILLS

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

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

## EDUCATION

**Rotman School of Management, University of Toronto - Toronto, ON, Canada**

2027

*MBA Candidate*

- Awarded a \$25,000 Entrance Scholarship.
- Participated in the Rotman Case Competition.

**St Clair College - Windsor, ON, Canada**

2021

*Diagnostic Medical Sonography Advanced Diploma*

- Graduated with Academic Distinction.

**University of Waterloo - Waterloo, ON, Canada**

2017

*Bachelor of Science, Honors Biomedical Sciences, Psychology Minor*