

Curriculum Vitae

Name: Matthew J. Cecchini, MD, PhD, FRCPC

Title: Associate Professor, Department of Pathology and Laboratory Medicine

Institution: Western University and London Health Sciences Centre

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Professional Summary

Dr. Matthew J. Cecchini is an Associate Professor of Pathology and a practicing anatomical pathologist at London Health Sciences Centre and Western University. He leads institutional efforts in digital pathology transformation and AI integration, with a research focus on leveraging artificial intelligence to improve education, diagnostics, and biomarker assessment in pathology. His work bridges clinical practice and innovation in educational technologies.

Education

- Pulmonary Pathology Fellowship, Mayo Clinic, Rochester, MN (2019–2020)
 - Anatomical Pathology Residency, Western University, London, ON (2014–2019)
 - MD/PhD Program, Biochemistry and Medicine, Western University, London, ON (2007–2014)
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Selected Relevant Activities

- Lead for Digital Pathology Initiatives, London Health Sciences Centre
 - AI Agent Lead and Head of Pathology, Need (San Francisco, USA)
 - Chair, Digital Content Committee, Pulmonary Pathology Society (International)
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Selected Presentations on AI, Digital Pathology, and Education

- “Level Up: Transforming Pathology Education with Tiles and Interactive Challenges” – CBQA Webinar (2024)
- “Harnessing Generative AI in Pathology Education” – *Archives of Pathology & Laboratory Medicine* (2025)
- “Becoming More Effective Educators by Using Large Language Models” – Association of Pathology Chairs Webinar (2024)