

Timothy L. Helland, M.D.

Cytopathologist

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ADDRESS

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Research Institute, Anatomic Pathology Office, Lower Level
3601 West Thirteen Mile Road
Royal Oak, MI 48073

EDUCATION AND TRAINING

- 7/2023 – 7/2024 Fellowship, Cytopathology
Department of Pathology, Massachusetts General Hospital, Boston, MA
- 7/2019 – 7/2023 Residency
Department of Pathology, Massachusetts General Hospital, Boston, MA
- 9/2015 – 5/2019 Doctor of Medicine, M.D.
Oakland University William Beaumont School of Medicine, Rochester, MI
- 9/2011 – 5/2015 Bachelor of Science and Arts, B.S.A.
College of Literature, Science and the Arts, University of Michigan, Ann Arbor, MI

PROFESSIONAL MEMBERSHIPS

- United States and Canadian Academy of Pathology (USCAP)
- American Society of Clinical Pathology (ASCP)

PROFESSIONAL, ACADEMIC, ADMINISTRATIVE, CLINICAL POSITIONS:

Academic Positions

- 8/2016 – 5/2019 Peer Tutor, Department of Pathology and Laboratory Medicine
Oakland University William Beaumont School of Medicine, Rochester MI
- 9/2013 – 5/2015 Teaching Assistant, Department of Pathology
University of Michigan Medical School, University of Michigan, Ann Arbor, MI

Clinical Positions

- 2024 – present Cytopathologist
Corewell Health William Beaumont University Hospital, Royal Oak, MI

PUBLICATIONS

Journals

Guzmán-Arocho YD, **Helland TL**, VanderLaan PA, Torous VF. J Am Soc Cytopathol. 2023 May-Jun;12(3):197-205. doi: 10.1016/j.jasc.2023.01.004. Epub 2023 Feb 3. PMID: 36935302

Nandy S, **Helland TL**, Roop BW, Raphaely RA, Ly A, Lew M, Berigei SR, Villiger M, Sorokina A, Szabari MV, Fintelmann FJ, Suter MJ, Hariri LP.

Biomed Opt Express. 2021 Aug 13;12(9):5597-5613. doi: 10.1364/BOE.433346. eCollection 2021 Sep 1. PMID: 34692203

Rubin J, Sclafani A, **Helland TL**, Sharma A, Maley JH, Peck TJ, Wallwork RS, Bolster MB, Berigei S, Colson YL, Selig MK, Mino-Kenudson M, Hariri LP. Pulmonary Hemosiderosis with Calcification Associated with IgA Nephropathy. Am J Respir Crit Care Med. 2021 Feb 24. doi: 10.1164/rccm.202009-33911M. Epub ahead of print. PMID: 33626295.

Bearse M, Hung YP, Krauson AJ, Bonanno L, Boyraz B, Harris CK, **Helland TL**, Hilburn CF, Hutchison B, Jobbagy S, Marshall MS, Shepherd DJ, Villalba JA, Delfino I, Mendez- Pena J, Chebib I, Newton-Cheh C, Stone JR. Mod Pathol. 2021 Jul;34(7):1345-1357. doi: 10.1038/s41379-021-00790-1. Epub 2021 Mar 17. PMID: 33727695

Villalba JA, Hilburn CF, Garlin MA, Elliott GA, Li Y, Kunitoki K, Poli S, Alba GA, Madrigal E, Taso M, Price MC, Aviles AJ, Araujo-Medina M, Bonanno L, Boyraz B, Champion SN, Harris CK, **Helland TL**, Hutchison B, Jobbagy S, Marshall MS, Shepherd DJ, Barth JL, Hung YP, Ly A, Hariri LP, Turbett SE, Pierce VM, Branda JA, Rosenberg ES, Mendez-Pena J, Chebib I, Rosales IA, Smith RN, Miller MA, Rosas IO, Hardin CC, Baden LR, Medoff BD, Colvin RB, Little BP, Stone JR, Mino-Kenudson M, Shih AR. Am J Respir Crit Care Med. 2022 Oct 1;206(7):857-873. doi: 10.1164/rccm.202109-2150OC. PMID: 35671465

Ahmed, M., Dykowski, S., Tooley, T., **Helland, T.** and Barremkala, M. (2017), Influence of Learning Paradigms on the Retention of Anatomical Knowledge in Medical Students. The FASEB Journal, 31: 732.9-732.9.

Tooley, T.R., Ahmed, M., **Helland, L.**, Dykowski, S. and Barremkala, M. (2017), The Use of Softchalk Modules to Prepare First Year Medical Students for Upper Limb Cadaver Dissections. The FASEB Journal, 31: 580.1-580.1.

Dykowski, S., Ahmed, M., Tooley, T., **Helland, T.** and Barremkala, M. (2017), Utilizing medical students' attitudes toward whole body donation in developing a whole body donation program. The FASEB Journal, 31: 733.2-733.2.

PRESENTATIONS

T. Leif Helland, Adam Fisch, Ivan Chebib, "Utility of Fusion Detection by Anchored Multiplex Polymerase Chain Reaction-Based Next-Generation Sequencing for Diagnosis of Soft Tissue Tumors in Cytology" USCAP 2023

T. Leif Helland, M. Lisa Zhang, Martha B. Pitman, Vanda F. Torous, "Diagnostic Challenges of Rapid On-Site Evaluation on Fine Needle Aspiration of the Pancreas" ASC/IAC 2022.

T. Leif Helland, Brenda J. Sweeney and Vanda F. Torous,
“Cytology Amendment Review: A Retrospective Look in Hopes of Gaining Prospective Insight for Quality Improvement” Harvard Medical School Pathology Research Retreat 2022

T. Leif Helland, Sreyankar Nandy , Benjamin W. Roop,, Rebecca A. Israel, Amy Ly, Madelyn Lew, Anastasia Sorokina, Margit V. Szabari, Sarita Berigei, David C. Adams, Florian J. Fintelmann, Melissa J. Suter, Lida P. Hariri, “Optical imaging for rapid, volumetric assessment of tumor adequacy in lung core needle biopsy” USCAP 2021

Helland TL, Tooley T, Dykowski S, Ahmed M, Barremkala M (August 2016), “Reflection Within the Anatomy Lab and Its Effects on Medical Students’ Perceived Relation to Donor’s Body” Oakland William Beaumont School of Medicine Summer Internship Symposium; Rochester Hills Mi

“Interpretation Bias Associated with Molecular Testing Request in Thyroid Fine-Needle Aspiration (FNA) Biopsies”, ASC Platform Presentation, Austin Tx, November 2023.

“ROS1 RNA In Situ Hybridization (RNA-ISH) for Detecting ROS1 Rearrangements in Lung Adenocarcinoma” Platform Presentation, USCAP National Conference, Los Angeles CA, March 2020.