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Professional Experience

2018-2024	Assistant Professor, Pathology and Laboratory Medicine, University of Rochester Medical Center, Rochester, NY
2024-Present	Associate Professor, Pathology and Laboratory Medicine, University of Rochester Medical Center, Rochester, NY

Education and Training

9/2005-5/24/2009	St. Olaf College, Northfield, MN (B.A., <i>magna cum laude</i> , Mathematics major with Statistics concentration)
8/2009-5/18/2013	Creighton University School of Medicine, Omaha, NE (M.D.)
7/2013-6/30/2017	New York University School of Medicine, New York, NY (Resident, Anatomic and Clinical Pathology)
7/2017-6/2018	University of Michigan Health System, Ann Arbor, MI (Clinical Lecturer/Fellow, Gastrointestinal and Hepatobiliary Pathology)

Certification and Licensure

Diplomate	American Board of Pathology, Anatomic and Clinical Pathology
License	State of New York (ID #293012)

Honors and Awards

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| 2012 | Alpha Omega Alpha Honor Society, elected 2012 |
| 2015 | Best Clinical Research Poster, NYU Pathology Annual Retreat |

Service to National and International Organizations

- | | |
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| 2023-present | Education Committee, Subcommittee for Journal Watch, Gastrointestinal Pathology Society (GIPS) |
| 2023-present | USCAP Abstract Review Board in the Pathology of the Pancreas, Gallbladder, Ampulla, and Extra-Hepatic Biliary Tree |
| 2024-present | Journal Watch Committee, Pancreatobiliary Pathology Society (PBPS) |

Membership in Professional Societies

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| 2015-present | United States and Canadian Academy of Pathology |
| 2017-present | Rodger C. Haggitt Gastrointestinal Pathology Society |
| 2017-present | Hans Popper Hepatopathology Society |
| 2018-present | Pancreatobiliary Pathology Society |

Service to Professional Publications

Editorial Board Service

- | | |
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| 2022-present | Editorial Board member, <i>International Journal of Surgical Pathology</i> |
| 2022-present | Review Editor, Editorial Board, <i>Frontiers in Oncology</i> |

Ad Hoc Reviewing

American Journal of Clinical Pathology

Biotechnic & Histochemistry

International Journal of Surgical Pathology

Frontiers in Oncology

Archives of Pathology & Laboratory Medicine

Institutional Leadership

University of Rochester Medical Center

2019-present Frozen Section Rotation Director, URMC Pathology Residency Program

Responsible for overseeing pathology residents on the frozen section rotation

2021-present Director of Gastrointestinal Pathology

Responsible for overseeing the highest volume anatomic pathology service at this institution including approximately 35,000 cases per year. Duties include overseeing logistics of service, communication with laboratory supervisors at all levels of specimen processing, and development of improved specimen processing protocols to increase efficiency while maintaining a high quality of care.

2021-present Lead Pathologist, National Accreditation Program for Rectal Cancer (NAPRC)

Responsible for overseeing pathology departmental compliance with national accreditation standards for NAPRC

2022-present Faculty Chair of Departmental Wellness Committee, Department of Pathology & Laboratory Medicine

Responsible for advocating for wellness of faculty and staff, and planning and overseeing departmental wellness initiatives

2025-present Associate Director of Surgical Pathology

Share responsibility for overseeing surgical pathology operations with Director of Surgical Pathology, including working with subspecialty pathology service directors to enhance care within their teams and working with laboratory supervisors to streamline logistics.

Service to Institution

New York University

2014-2017 House Staff Patient Safety Council

University of Rochester Medical Center

2018-present Pathology Residency Program – Resident Applicant Interview Committee

2019-present Representative for Department of Pathology & Laboratory Medicine,
URMC Wellbeing Strategic Planning Work Group

2021 Pathology Time Off Request Process Improvement Working Group

2021-2022 Pathology Residency Program – AP-only Track Curriculum Working
Group

2022-present Entrustable Professional Activities (EPA) Implementation Group, URMC
Pathology Department in conjunction with Association of Pathology
Chairs EPA Working Group

Teaching

University of Michigan

2018 AP unknown slide conference (1 hour): Gastrointestinal pathology

2018 Resident lecture (1 hour): Reporting in lower GI tract neoplasms

University of Rochester Medical Center

2018-present Gastroenterology clinical fellows lectures (2-4 hours per year):
Gastrointestinal and liver pathology, various topics

2019-present Resident didactics (1-2 hours per year): Gastrointestinal and liver
pathology, various topics

2019-2025 Clinical/Medical Technology Advanced Certificate Program teaching (1-5
hours per year): Histology and immunohistochemistry slide review

2020-present	Medical student teaching (2-10 hours per year): DPT small group sessions; medical school liver and gastrointestinal pathology lab sessions
2020	Medical student teaching (2 hours): PTH609 elective: Surgical Pathology (web-based)
2021-present	Weekly AP Conference (6 hours per year): Rotate with other pathologists as primary presenters for weekly departmental conference of interesting and educational surgical pathology cases
2021-present	Nursing staff teaching (3 hours per year): UPMC Nursing Liver Teaching Day gross specimen teaching session

Invited Presentations

Outside Institutions

2022	“Clinical Implications of Microscopic Colitis Isolated to Polyps”. NYU School of Medicine, Department of Pathology, October 27, 2022
2023	“Is it all just Reflux? Unusual Variants of Esophagitis”. University of Michigan, Department of Pathology, December 4, 2023.

National Conferences

2022, 2023	“Non-IBD Inflammatory Pathology of the Lower GI Tract”. National Medical Association (NMA) Annual Convention and Scientific Assembly. Atlanta, GA 2022; New Orleans, LA 2023.
2023, 2024	Ettel, M , Whitney-Miller C. “Don’t Fall Through the Ice: Pitfalls and Pearls in Frozen Section Pathology”. USCAP Annual Meeting. New Orleans, LA 2023; Baltimore, MD 2024.
2024	Moderator, General Surgical Pathology/Infectious Disease/Pediatric Pathology Platform Session, USCAP Annual Meeting, Baltimore, MD 2024.
2025	Ettel, M , Huber A. “Current and Future Biomarkers in Gastrointestinal Cancers”. ASCP Annual Meeting. Atlanta, GA 2025.

Locoregional

- 2022 “Clinical Implications of Microscopic Colitis Isolated to Polyps”.
University of Rochester Medical Center, Department of Pathology &
Laboratory Medicine, January 3, 2022
- 2023 Katerji R, **Ettel M**. “Harnessing the Power of the Immune System:
Advances in Biomarkers and Therapeutics in GI and Hepatobiliary
Malignancies”. Updates in Pathology Regional Symposium, Rochester
NY, October 27, 2023.

Bibliography

Peer-Reviewed Journals and Publications

1. Lader JM, Lam G, Donnino R, Katz ES, DeAnda A, **Ettel M**, Saric M. Lone aortic insufficiency and conduction disease: a marker of reactive arthritis. *Echocardiography*. 2014 Oct; 31(9):E271-4.
2. **Ettel M***, Eze O*, Xu RL. Clinical and biological significance of precursor lesions of intrahepatic cholangiocarcinoma. *World J Hepatol*. 2015 Nov; 7(25):2563-2570. [Review]
3. Patel R, Lim RP, Saric M, Nayar A, Babb J, **Ettel M**, Axel L, Srichai MB. Diagnostic Performance of Cardiac Magnetic Resonance Imaging and Echocardiography in Clinical Evaluation of Cardiac and Paracardiac Masses. *Am J Cardiol*. 2016 Jan; 117(1):135–140.
4. Rogers R, **Ettel M**, Cho M, Chan A, Wu X-J, Neto AG. Myeloid sarcoma presenting as a colon polyp and harbinger of chronic myelogenous leukemia. *World J Gastrointest Oncol*. 2016; 8(3):321-325.
5. **Ettel M**, Kong M, Lee P, Zhou M, Melamed J, Deng FM. Modification of the pT2 substage classification in prostate adenocarcinoma. *Hum Pathol*. 2016 Oct; 56:57-63.
6. Gera S, **Ettel M**, Acosta-Gonzalez G, Xu R. Clinical features, histology, and histogenesis of combined hepatocellular-cholangiocarcinoma. *World J Hepatol*. 2017 Feb 28; 9(6):300-309. [Review]
7. **Ettel M**, Nardi MA, McVoy L. Validation of automated latex von Willebrand factor activity assay in a new prospective study including post-treatment patient samples. *Int J Lab Hematol*. 2017 Jun; 39(3):286-292.
8. **Ettel M**, Gonzalez GA, Gera S, Eze O, Sigal S, Park JS, Xu R. Frequency and Pathological Characteristics of Drug-Induced Liver Injury in a Tertiary Medical Center. *Hum Pathol*. 2017 Oct; 68:92-98.
9. Sunkara B, Roofeh D, Silver S, Pearson TL, **Ettel M**, McCune WJ. The devil's in the dosing: severe drug-induced liver injury in a hydroxychloroquine-naive patient with subacute cutaneous lupus erythematosus and porphyria cutanea tarda. *Lupus*. 2018 Jul; 27(8):1383-1386.

10. **Ettel MG**, Appelman HD. Approach to the liver biopsy in the patient with chronic low-level aminotransferase elevations. *Arch Pathol Lab Med*. 2018 Oct; 142(10):1186-1190.
11. Fan S, Weight CM, Luissint AC, Hilgarth RS, Brazil JC, **Ettel M**, Nusrat A, Parkos CA. Role of JAM-A tyrosine phosphorylation in epithelial barrier dysfunction during intestinal inflammation. *Mol Biol Cell*. 2019 Mar; 30(5):566-578.
12. **Ettel M**, Zhao L, Schechter S, Shi J. Expression and prognostic value of NSD1 and SETD2 in pancreatic ductal adenocarcinoma and its precursor lesions. *Pathology*. 2019 Jun; 51(4):392-398.
13. Mahdi Z*, **Ettel MG***, Gonzalez RS, Hart J, Alpert L, Fang J, Liu N, Hammer ST, Panarelli N, Cheng J, Greenson JK, Swanson PE, Westerhoff M. Metastases can occur in cirrhotic livers with patent portal veins. *Diagn Pathol*. 2021 Feb 27; 16(1):18.
14. **Ettel MG**, Gonzalez RS. Microscopic esophageal sloughing is not specific to “sloughing esophagitis”. *Am J Clin Pathol*. 2021 May 18;155(6):895-902.
15. Danakas AM, Jones CE, Magguilli M, Lada MJ, Plavnicky J, Parajuli S, Wizorek JJ, Peyre CG, **Ettel M**, Sweeney M, De Las Casas LE. Optimising rapid on-site evaluation-assisted endobronchial ultrasound-guided transbronchial needle aspiration of mediastinal lymph nodes: The real-time cytopathology intervention process. *Cytopathology*. 2021 May; 32(3):318-325.
16. Wilson BL, Israel AK, **Ettel MG**, Lott Limbach AA. ROC analysis of p16 expression in cell blocks of metastatic head and neck squamous cell carcinoma. *J Am Soc Cytopathol*. 2021 Jul-Aug;10(4):423-428.
17. De Las Casas LE, Danakas AM, Torrealba JR, Wizorek JJ, **Ettel MG**, Lada MJ, Brunnström H, Plavnicky J, Sweeney M, Jones CE. Intraoperative Cytology for Video-Assisted Thoracic Surgery. A Quality Improvement Analysis. *Ann Thorac Surg*. 2022 Feb;113(2):413-420.
18. Chen IY, Bartell N, **Ettel MG**. Diffuse Pagetoid Squamous Cell Carcinoma in Situ of the Esophagus: A Rare Case Report and Review of Literature. *Int J Surg Pathol*. 2022 May;30(3):326-330.
19. Chen IY, **Ettel MG**, Bell PD, Huber AR, Findeis-Hosey JJ, Wang W, Hezel AF, Dunne RF, Drage MG, Agostini-Vulaj D. SWI/SNF chromatin remodeling complex in pancreatic ductal adenocarcinoma: Clinicopathologic and immunohistochemical study. *Hum Pathol*. 2024 Feb;144:40-45.
20. Ramineni M, **Ettel M**, Liao X, Hao Y. Intestinal "Piggybacking Lipoma", A Unique Lipoma Composed of Lipoma and Overlying Epithelial Lesions: A Case-control Study and Review of Literature. *In Vivo*. 2024 Mar-Apr;38(2):741-746.
21. Miller C, Whitney-Miller C, **Ettel MG**. Clinical Implications of Microscopic Colitis Isolated to Polyps. *Int J Surg Pathol*. 2024 May;32(3):456-461.
22. Zhang H, Finkelman BS, **Ettel MG**, Velez MJ, Turner BM, Hicks DG. HER2 evaluation for clinical decision making in human solid tumours: pearls and pitfalls. *Histopathology*. 2024 Jul;85(1):3-19. [Review]
23. Lee M, Ko HM, Kudose S, Remotti H, Choi WT, Salomao MA, Zhao L, Isidro RA, Liao X, **Ettel MG**, Chen IY, Liu X, Pai R, Alpert L, Setia N, Wu E, Henn P, Westbrook L, Lagana

SM. High risk features in colorectal adenomatous polyps: A multi-institutional study. *Ann Diagn Pathol.* 2024 Oct;72:152323.

24. Li RX, Hao Y, **Ettel M**. Expression of PSMA in Tumor-Associated Vasculature Predicts Poorer Survival in Patients With Hepatocellular Carcinoma and Is Likely Associated With PD-L1. *Int J Surg Pathol.* 2024 Oct;32(7):1248-1255.
25. **Ettel M**, Cai Z, Liao X. Clinicopathologic Characterization of Sarcina ventriculi in the Upper Gastrointestinal Tract. *Int J Surg Pathol.* 2025 Apr;33(2):323-329.
26. Ramineni M, **Ettel M**, Hao Y, Liao X. SATB2 Loss Is a Sensitive Biomarker for Dysplasia in Inflammatory Bowel Disease. *Lab Invest.* 2025 Aug;105(8):104179.

*Co-first authors (equal contribution)

Book editing

Section editor, Liver, in “100 Rare Tumors of the Digestive System: A Case-Based Reference for Surgical Pathologists”. Academic Press (imprint of Elsevier). 2025 Aug.

Abstracts

1. **Ettel M**, Deng F, Zhou M, Melamed J. Pathologic characteristics of stage pT2b prostate cancer and its value in staging. USCAP 2015 Annual Meeting; Boston, MA (poster presentation).
2. **Ettel M**, Deng F, Zhou M, Melamed J. Percentage Gleason 4/5 as Predictor of Biochemical Recurrence in Prostate Cancer in and before the Contemporary Era of Radical Prostatectomy. USCAP 2015 Annual Meeting; Boston, MA (poster presentation).
3. **Ettel M**, Deng F, Zhou M, Melamed J. Refining pT2 substaging of prostate cancer. USCAP 2015 Annual Meeting; Boston, MA (poster presentation).
4. **Ettel M**, Acosta-Gonzalez G, Cho M, Zhou F, Moskovits T, Neto AG, Simsir A. Metastatic Anal Basaloid (Cloacogenic) Squamous Cell Carcinoma Mimicking Small Cell Carcinoma on Liver Fine Needle Aspiration (FNA). CAP 2015 Annual Meeting; Nashville, TN (poster presentation).
5. Acosta-Gonzalez G, Barry M, **Ettel M**, Friedmann D, Melamed J, Seetharamu N, Yee-Chang M, Wu X. Pleomorphic Rhabdomyosarcoma of the Neck: A Rare Initial Presentation of Lynch Syndrome in a 33 Year old Male. CAP 2015 Annual Meeting; Nashville, TN (poster presentation).
6. **Ettel M**, Acosta-Gonzalez G, Eze O, Gera S, Hajdu C, Park J, Sigal S, Xu R. Frequency and Pathological Characteristics of Drug-Induced Liver Injury in a Tertiary Medical Center. USCAP 2016 Annual Meeting; Seattle, WA (poster presentation).
7. Acosta-Gonzalez G, **Ettel M**, Eze O, Gera S, Hajdu C, Park J, Sigal S, Xu R. Clinical and Pathologic Features of Nutritional and Herbal Supplements Induced Liver Injury. USCAP 2016 Annual Meeting; Seattle, WA (poster presentation).

8. **Ettel M**, Oweity T, Hernandez O. Fine-Needle Aspiration Biopsy of Peritoneal Mesothelioma Presenting in an Inguinal Hernia Sac. CAP 2016 Annual Meeting; Las Vegas, NV (poster presentation).
9. Barna NJ, **Ettel M**, Chen F, Lee P, Huang H, Melamed J, Zhou M, Deng FM. Clinical significance of tertiary pattern 4 in Gleason 3+3=6 adenocarcinoma of the prostate. USCAP 2017 Annual Meeting; San Antonio, TX (poster presentation).
10. Black M, Acosta-Gonzalez G, **Ettel M**, Warfield D, Pagan A, Xu R, Simsir A. Change in Laboratory Practice Can Effectively Decrease the Rate of Tissue Floaters and Contaminants. USCAP 2018 Annual Meeting; Vancouver, BC (poster presentation).
11. **Ettel M**, Schechter S, Zhao L, Shi J. Expression and Prognostic Value of NSD1 and SETD2 in Pancreatic Ductal Adenocarcinoma (PDA) and its Precursor Lesions. USCAP 2018 Annual Meeting; Vancouver, BC (poster presentation).
12. **Ettel M**, Appelman HD. Lymphocytic esophagitis revisited: still a histologic disease with no clinical associations. Digestive Disease Week 2018 Annual Meeting; Washington, DC (poster presentation).
13. Mahdi Z, Gonzalez RS, **Ettel MG**, Hart JA, Alpert L, Fang J, Liu N, Cheng J, Greenson JK, Swanson PE, Hammer STG, Westerhoff M. Metastases can occur in cirrhotic livers with patent portal veins and mild fibrous remodeling. USCAP 2019 Annual Meeting; National Harbor, MD (platform presentation).
14. Occidental M, Dunn A, **Ettel MG**, Findeis-Hosey JJ, Huber AR. Do multiple levels of Gomori Methenamine Silver (GMS) stains improve diagnostic yield in esophageal biopsies? A quality improvement pilot study. USCAP 2019 Annual Meeting; National Harbor, MD (poster presentation).
15. **Ettel MG**, Gonzalez RS. Microscopic esophageal sloughing is not specific to sloughing esophagitis. USCAP 2019 Annual Meeting; National Harbor, MD (poster presentation).
16. Liao X, Huber A, Agostini-Vulaj D, **Ettel MG**, Zhang D, Whitney-Miller C. Pancreatic neuroendocrine microadenoma: clinicopathologic study of 10 cases. CAP 2019 Annual Meeting, Kissimmee, FL (poster presentation).
17. Huber AR, Sharratt EA, Kushner L, Cellini C, Fleming F, Temple L, Speranza JR, Salloum R, **Ettel MG**, Whitney-Miller CL. Grading of Total Mesorectal Excision Specimens: An Interobserver Variability and Quality Assurance Study. CAP 2019 Annual Meeting, Kissimmee, FL (poster presentation).
18. Bell P, Agostini-Vulaj D, **Ettel MG**, Drage MG. Comparison of the axial and bivalve approach for staging of pancreatic ductal adenocarcinoma pancreatoduodenectomy specimens, a single-institution experience. USCAP 2020 Annual Meeting; Los Angeles, CA (poster presentation).
19. Bsirini C, Abu-Farsakh S, Katerji R, **Ettel M**, Bratton L, Findeis-Hosey J, Huber A, Agostini-Vulaj D. Prognostic implication of carbonic anhydrase IX immunohistochemical expression in pancreatic ductal adenocarcinoma and cholangiocarcinoma. CAP 2020 Annual Meeting; Virtual (poster presentation).

20. Bsirini C, Chen IY, **Ettel MG**, Bell P, Findeis-Hosey JJ, Dunne RF, Drage MG, Agostini-Vulaj D. CDX2 and SATB2 in Pancreatic Ductal Adenocarcinoma: Expression and Prognostic Significance. USCAP 2021 Annual Meeting; Virtual (poster presentation).
21. Chen IY, **Ettel MG**, Bell P, Huber AR, Findeis-Hosey JJ, Wang W, Dunne RF, Drage MG, Agostini-Vulaj D. SWI/SNF Chromatin Remodeling Complex in Pancreatic Ductal Adenocarcinoma: Clinicopathologic and Immunohistochemical Study of 353 Cases. USCAP 2021 Annual Meeting; Virtual (poster presentation).
22. **Ettel MG**, Liao X. Clinicopathologic Characterization of Lichenoid Esophagitis: A Single Institution Experience of 30 Cases. USCAP 2021 Annual Meeting; Virtual (poster presentation).
23. **Ettel M**, Cai Z, Liao X. Sarcina Ventriculi in the Upper Gastrointestinal Tract: A Multicentric Study of 13 Cases. CAP 2021 Annual Meeting; Chicago, IL (poster presentation).
24. Miller C, Whitney-Miller C, **Ettel M**. Clinical Implications of Microscopic Colitis-Like Polyps. CAP 2021 Annual Meeting; Chicago, IL (poster presentation).
25. **Ettel M**, Liao X. Clinicopathologic features of Peutz-Jeghers polyps compared to other hamartomatous polyps. CAP 2022 Annual Meeting; New Orleans, LA (poster presentation).
26. Chen IY, Hao Y, **Ettel MG**, Whitney-Miller CL, Liao X. Histopathology of Liver Biopsies in Patients with Chronic Kidney Disease on Dialysis. USCAP 2023 Annual Meeting; New Orleans, LA (poster presentation).
27. Besen AM, Agostini-Vulaj D, Findeis SK, Findeis-Hosey, JJ, Huber, AR, Baxter, L, Kovar-Peltz, S, **Ettel MG**. Embedding Orientation for GI Biopsies and Effect on Slide Adequacy and Quality. USCAP 2023 Annual Meeting; New Orleans, LA (poster presentation).
28. Sagan OA, **Ettel MG**, Huber AR. Incorporating 21st Century Pathology into Daily Practice: Digitizing Gross Photo Diagrams. USCAP 2024 Annual Meeting; Baltimore, MD (Stowell-Orbison poster presentation).
29. Chang EP, Feely M, Cheng J, Choi W, **Ettel MG**, Pai RK, Gopal P, Lamps LW, Westerhoff M. Cytomegalovirus Infection Presenting as Mass Lesions in Adult Patients. USCAP 2024 Annual Meeting; Baltimore, MD (poster presentation).
30. Ramimeni M, **Ettel MG**, Hao Y, Liao X. Loss of SATB2 Expression is A Sensitive Biomarker of Inflammatory Bowel Disease-Associated Dysplasia. USCAP 2025 Annual Meeting; Boston, MA (poster presentation).
31. Bodell A, **Ettel MG**, Haefner H, Dugan MC, Huber AR, Brandegeer K, Chen IY. Supplementation of Manual Palpation Techniques for Retrieval of Lymph Nodes in Gastrointestinal Cancer with Automated Compressive Filtration: A Pilot Study. USCAP 2025 Annual Meeting; Boston, MA (poster presentation).

Online Publications

1. **Ettel M**, Shi J. Rodger C. Haggitt Gastrointestinal Pathology Society Case of the Month, July 2018.

2. Bell PD, **Ettel MG**. Colorectal polyps. University of Rochester Medical Center PathologyNOW Case of the Month series, Case 26.
3. Bell PD, **Ettel MG**. Chronic Diarrhea. University of Rochester Medical Center PathologyNOW Case of the Month series, Case 30.
4. Numbere N, **Ettel MG**. Incidental pancreatic tumor. University of Rochester Medical Center PathologyNOW Case of the Month series, Case 39.
5. Katerji R, **Ettel M**. Hans Popper Hepatopathology Society, Interesting Case October 2020.
6. Nkosi D, Lima W, **Ettel MG**, Miyamoto H. Hematuria and acute flank pain. University of Rochester Medical Center PathologyNOW Case of the Month series, Case 52.
7. Scott E, **Ettel M**. Rodger C. Haggitt Gastrointestinal Pathology Society Case of the Month, May 2022.
8. Schmidt AL, **Ettel MG**. Change in bowel habits. University of Rochester Medical Center PathologyNOW Case of the Month series, Case 73.
9. Sagan OA, **Ettel MG**. Diarrhea status post liver transplant. University of Rochester Medical Center PathologyNOW Case of the Month series, Case 74.