

CURRICULUM VITAE

Erica Fan Clayton, MD

Work

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Pathologist with GI/Liver subspecialty

Covenant Pathology Services
Marin Medical Laboratories / PathGroup San Francisco
7/2014-present

Professional Activities

GI/Liver Pathologist, Covenant Pathology: Staff pathologist at a high-volume outpatient gastrointestinal pathology laboratory serving Covenant Surgical Partners' West coast and Hawaii endoscopy centers. Sign out responsibilities include luminal GI biopsies and EUS-guided FNAs of pancreas and liver. I lead formal and informal teaching for the technical staff. I participate in laboratory quality assurance/quality improvement measures including instrument validation. I also assist with business development, and helped to bring on two of the Hawaii centers in 2015.

Pathologist, Marin Medical Laboratories: Staff pathologist at Marin General Hospital with sign out responsibilities of general surgical pathology biopsies, resection specimens, cytology, peripheral smears, on-site evaluation of image-guided fine needle aspirations, and frozen sections. I participate in various hospital interdisciplinary tumor boards and cover night and weekend calls for anatomic pathology and blood bank.

Education and Training

7/2013-6/2014 **Fellow, Gastrointestinal/Hepatobiliary/Pancreatic Pathology**
Hospital of the University of Pennsylvania, Philadelphia, PA

7/2012-6/2013 **Fellow, Surgical Pathology**
Subspecialty focus in genitourinary pathology
Hospital of the University of Pennsylvania, Philadelphia, PA

7/2009-6/2012 **Resident, Anatomic Pathology**
Hospital of the University of Pennsylvania, Philadelphia, PA

6/2012 - 7/2012 Philadelphia Veterans Affairs Medical Center

5/2010 ; 3/2012 Children's Hospital of Philadelphia

8/2005-5/2009 **M.D.**
Saint Louis University School of Medicine, St. Louis, MO

1/2003-5/2005 **M.F.S. forensic molecular biology**
The George Washington University, Washington, DC

9/1998-6/2002 **B.A. anthropology**
Northwestern University, Evanston, IL

Certification and Licensure

American Board of Pathology, Anatomic Pathology, 8/2012
State of California, A130468, active
Commonwealth of Pennsylvania, MD#444761, inactive

Professional Society Memberships

United States and Canadian Academy of Pathology
College of American Pathologists
Rodger C. Haggitt Gastrointestinal Pathology Society
Hans Popper Hepatopathology Society

Service to Professional Publications

2014 Invited Reviewer, Pathology - Research and Practice

Awards and Honors

2014 H.T. Enterline Award in Surgical Pathology, University of Pennsylvania
2009 Merck Book Award, St. Louis University
2008 VA Medical Center Outstanding Scholar Award, St. Louis, MO

Invited Lectures

2/24/2014 Liver Histology: Diagnostic (and non-diagnostic) Considerations in Liver Pathology; Penn Integrated Transplant Conference, Transplant Surgery
12/16/2013 Colorectal Neoplasms; Penn Colorectal Surgery Department

Teaching Experience

7/2013-6/2014 Weekly slide review with clinical GI/liver subspecialty fellows
7/2012-6/2014 Informal pathology teaching including assisting residents with frozen section, gross specimen handling, and slide review
9/9/2013 GI / Liver pathology slide session for residents and fellows
7/2009-6/2012 Perelman School of Medicine, assisted with pathology laboratories and small group case study sessions for medical students
2/2012 Senior surgical pathology, genitourinary pathology slide session for residents
8/2011 Normal liver histology, slide session for first-year residents
7/2010 Normal gastrointestinal histology, slide session for first-year residents
2007-2008 Author, USMLE-Rx; contributed study questions for USMLE Step 2 CK board preparation materials
6/2006-8/2006 Faculty advisor, National Youth Leadership Forum on Medicine, Washington, DC; taught and mentored ~60 high school students over three 10-week sessions of medicine-related activities
2002-2004 Instructor, Kaplan Test Prep, Washington, DC; classroom instructor and individual tutor for students preparing for the Graduate Record Exam

Committees

2009-2012 Member, pathology residency curriculum committee, Hospital of the University of Pennsylvania

2010-2012 Co-chair, pathology residency social committee,
Hospital of the University of Pennsylvania

Additional work experience

1/2004-7/2005 Forensic scientist, Armed Forces DNA Identification Laboratory,
Rockville, MD; performed post-PCR processing on mitochondrial DNA
samples from unidentified remains of American military personnel

Peer-reviewed Publications

Matsukuma K, Gui D, Olson KA, Tejaswi S, **Clayton EF**, Thai A. OsmoPrep-associated Gastritis: A Histopathologic Mimic of Iron Pill Gastritis and Mucosal Calcinosis. *Am J Surg Pathol* 2016 Nov;40(11):1550-1556.

Das KK, **Clayton EF**, Kochman ML. An Unusual Case of Nausea and Vomiting. *Gastroenterology*. 2015 Mar; 148(3):515-6.

Loaiza-Bonilla A, **Clayton E**, Furth E, O'Hara M, Morrissette J. Dramatic response to dabrafenib and trametinib combination in a BRAF V600E-mutated cholangiocarcinoma: implementation of a molecular tumor board and next-generation sequencing for personalized medicine. *Ecancermedalscience*. 2014 Nov 6; 8:479.

Clayton EF, Malik S, Bonnel A, Mu Y, Olthoff K, Shaked A, Abt P, Peterman H, Reddy KR, Ottmann S, Furth EE, Levine MH. Liver Transplantation and Cirrhotomimetic Hepatocellular Carcinoma: Classification and Outcomes. *Liver Transplantation*. 2014 Jul;20(7):765-74.

Clayton EF, Rubin SC, Dumoff KL. Paget cells on endometrial and endocervical curettings in a patient with recurrent vulvar Paget's disease. *International Journal of Surgical Pathology*. 2013 Aug 5. [Epub ahead of print]

Clayton EF, Ziober A, Yao Y, Bing Z. "Malignant tumors with clear cell morphology: a comparative immunohistochemical study with renal cell carcinoma antibody, Pax8, steroidogenic factor 1, and brachyury. *Annals of Diagnostic Pathology*. 2013 Apr;17(2):192-7.

Clayton EF, Furth EE, Ziober A, Xu T, Yao Y, Hwang PG, Bing Z. "A case of primary clear cell hepatocellular carcinoma in a non-cirrhotic liver: An immunohistochemical and ultrastructural study." *Rare Tumors*. 2012 Apr 12;4(2):e29.

Abstracts

Clayton EF, Surrey LF, Grilliot MA, Levine MH, Furth EE. Histopathologic Features of Primary Hepatocellular Carcinomas Are Poor Predictors of Extrahepatic Metastasis. *Modern Pathology*, 26, Supplement 2s, 399-400A, 2013.

Clayton EF, Kaplan D, Chang KM, Sepulveda J, Jhala N, Jhala D. Efficacy and Cost of Using FibroSURE to Evaluate Hepatic Fibrosis in a Veterans Administration Patient Population: A Pilot Study. *Modern Pathology*, 26, Supplement 2s, 473A, 2013.

Clayton EF, Ziober A, Yao Y, Bing Z. Tumors With Clear Cell Morphology: An Immunohistochemical Study. *Archives of Pathology & Laboratory Medicine*: 136 (9), 1033, 2012.

Levine MH, **Fan E**, Ottmann S, Drazek D, Bonnell A, Mu Y, Olthoff K, Shaked A, Furth E. Categorization of Cirrhotomimetic Growth Patterns In Explanted Liver Specimens and Correlation with Tumor Recurrence and Patient Survival. *American Journal of Transplantation*, 11, Supplement s2, 464, 2011.