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## EDUCATION

2002 - 2006	University of California, Berkeley	BA	Molecular and Cell Biology
2006 - 2015	New York University School of Medicine	MD	Medicine
2008 - 2013	New York University Sackler Institute	PhD	Developmental Genetics
2015 - 2018	University of California, San Francisco	Resident	Anatomic Pathology
2017 - 2018	University of California, San Francisco	Fellow	Surgical Pathology

## LICENSES, CERTIFICATION

2017 License A146845, Medical Board of California  
2018 American Board of Pathology (Anatomic Pathology)

## PRINCIPAL POSITIONS HELD

2017 - 2018	University of California, San Francisco	Chief Resident	Anatomic Pathology
2018 - 2019	University of California, San Francisco	Clinical Instructor	Anatomic Pathology

## HONORS AND AWARDS

2002	Regents' Scholarship	University of California, Berkeley
2005	Biology Fellows Program Semester Research Grant (Mentor: John Coates)	University of California, Berkeley
2005	Most Outstanding Poster Award, MCB Fall Honors Research Symposium	University of California, Berkeley
2007	Summer Scholarship for Medical Students (Mentor: Joel Ernst)	Infectious Diseases Society of America

2008	Award for Academic Excellence and Achievement	American Society of Clinical Pathology
2011	3rd place poster prize, 18th International C. elegans Meeting	Genetics Society of America
2012	Poster Award, Skirball Annual Retreat	New York University Skirball Institute
2015	New York University School of Medicine International Health Program Travel Grant (Mentor, Grant Searchfield)	New York University School of Medicine
2016	Pathologist in Training Travel Award, 92nd Annual AANP Meeting	American Association of Neuropathologists
2017	Pathologist in Training Travel Award, USCAP Annual Meeting	United States and Canadian Academy of Pathology
2017	Visiting scholar. Genitourinary pathology. Mentor: Victor Reuter. 1 month.	Memorial Sloan Kettering Cancer Center
2018	Visiting scholar. Genitourinary pathology. Mentor Jesse McKenney. 1 month.	Cleveland Clinic

#### **KEYWORDS/AREAS OF INTEREST**

Anatomic pathology, genitourinary pathology.

#### **MEMBERSHIPS**

2015 - present American Society for Clinical Pathology

2015 - present California Society of Pathologists

2016 - present United States and Canadian Academy of Pathology

2018 - present American Society of Clinical Oncology

2019 - present South Bay Pathology Society

#### **PEER REVIEWED PUBLICATIONS**

1. Chakraborty R, O'Connor SM, Chan E, Coates JD. Anaerobic degradation of benzene, toluene, ethylbenzene, and xylene compounds by Dechloromonas strain RCB. Appl Environ Microbiol. 2005 Dec; 71(12):8649-55. PMID: 16332859. PMCID: PMC1317370
2. Chan E, Nance J. Mechanisms of CDC-42 activation during contact-induced cell polarization. J Cell Sci. 2013 Apr 01; 126(Pt 7):1692-702. PMID: 23424200. PMCID: PMC3647442
3. Armenti ST, Chan E, Nance J. Polarized exocyst-mediated vesicle fusion directs intracellular lumenogenesis within the C. elegans excretory cell. Dev Biol. 2014 Oct 01; 394(1):110-21. PMID: 25102190. PMCID: PMC4373406
4. Chan E, Bollen AW, Sirohi D, Van Ziffle J, Grenert JP, Kline CN, Tihan T, Perry A, Gupta N, Solomon DA. Angiocentric glioma with MYB-QKI fusion located in the brainstem, rather than cerebral cortex. Acta Neuropathol. 2017 Aug 03. PMID: 28776091. PMCID: PMC5693679

5. Chan E, Balassanian R, Tabatabai ZL, Lou H, Vohra P. Improved diagnostic precision of urine cytology by implementation of The Paris System and the use of cell blocks. *Cancer Cytopathology*. 2018 (manuscript accepted)
6. Rabban JT, Chan E, Mak, J, Zaloudek, C, Garg, K. Prospective detection of germline mutation of fumarate hydratase in women with uterine smooth muscle tumors using pathology-based screening to trigger genetic counseling for hereditary leiomyomatosis renal cell carcinoma syndrome: a 5-year single institutional experience. *Am J Surg Pathol* (accepted).
7. Chan E, Rabban, JT, Garg K. Detailed morphologic and immunohistochemical characterization of myomectomy and hysterectomy specimens from women with Hereditary Leiomyomatosis and Renal Cell Carcinoma syndrome (HLRCC). (in revision)
8. Larson AR, Kemmer J, Formeister E, George J, Ryan W, Heaton C, Chan E. Beyond Depth of Invasion: Adverse Pathologic Tumor Features in Early Oral Tongue Squamous Cell Carcinoma (manuscript in preparation).