

## RESUME/CURRICULUM VITAE

### PERSONAL DATA

Name

Erica L. Blouch, MS, CGC

### EDUCATION

Graduate

Brandeis University  
415 South Street  
Waltham, MA 02453  
Master of Science  
Genetic Counseling, 2010

Undergraduate

Lehigh University  
27 Memorial Drive W  
Bethlehem, PA 18015  
Bachelor of Science  
Molecular Biology, 2005

### CERTIFICATION & LICENSURE

American Board of Genetic Counseling, 2011. Re-certified, 2016, 2021.

Commonwealth of Massachusetts, Board of Registration of Genetic Counselors: License #GC165

State of New Hampshire, Governing Board of Genetic Counselors: License #0035

### TEACHING EXPERIENCE

Adjunct Assistant Professor, MGH Institute of Health Professions, 2020 – present

- GC604: Cancer Genetic Counseling – course developer and course director

Lecturer, Brandeis University, 2013-2018.

- Clinical Genetics – guest lecturer

### CLINICAL EXPERIENCE

Massachusetts General Hospital, Boston, MA

Center for Cancer Risk Assessment

*Genetic Counselor III*

6/2019 – present

- Team lead for implementation of new service delivery model for ovarian cancer patients (2019-2021): Responsible for overall project management, including planning meetings, creating agendas, timelines, and QI. Coordinate amongst the genetic counselors, developer team, information security, gynecology care team, hospital core laboratory, and commercial genetic testing laboratory.

- Perform many duties of GCII

*Senior Genetic Counselor (GCII)*

9/2015 – 6/2019

- Liaison to Center for Integrated Diagnostics regarding tumor/germline genetics workflow (2015-2020)

- Assist in genetics education and training of endocrinology fellows, through clinical shadowing and didactic presentations
- Lead genetic counselor of Cowden syndrome working group, responsible for semi-annual group meetings and ensuring appropriate clinical care of complex patients
- Coordinate/assist annual review of patient-facing information handouts (2015-2019)
- Assist in administrative tasks, such as triaging appointments, clinic scheduling. Review and update CCRA website on semi-annual basis.
- Provide mentorship to growing genetic counseling team, including supervision of genetic counseling assistants and undergraduate interns.
- Perform duties of Genetic Counselor (GCI)

*Genetic Counselor (GCI)*

6/2010 – 9/2015

- Provide cancer risk assessment for a variety of indications, including personal or family history of breast, ovarian, gastrointestinal, and endocrine cancers or tumors
- Lead genetic counselor for Endocrine Tumor Genetics Clinic, providing specialty counseling for MEN1, MEN2, Cowden, Hereditary Pheo/PGL, and other endocrine tumor syndromes
- Provide predisposition testing and counseling for cancer susceptibility genes with appropriate follow-up for patient and family
- Supervise genetic counseling students from GC training programs

#### RELATED PROFESSIONAL EXPERIENCE

Dana-Farber Cancer Institute

*Research Technician*

7/2006 – 8/2008

- Assist graduate students with dissertation research in the laboratory of William Hahn, MD, PhD
- Manage laboratory to ensure all researchers can work efficiently
- Duties include overseeing individual laboratory jobs, monitoring reagent stock, and keeping the lab organized

#### INVITED LECTURES

“Genetics/Endocrine CPC: 4 year old girl with tall stature, premature puberty and maternal endocrinopathies.” Massachusetts General Hospital Genetics Conference. Boston, MA (9/2021)

“Clinical Genetics of Endocrine Disorders.” Department of Endocrinology DNMT Fellows Conference, Massachusetts General Hospital. Boston, MA (5/2017, 9/2017, 2/2019, 6/2020, 1/2021)

“Hereditary Endocrine Tumors and Cancers.” Massachusetts General Hospital Genetics Conference. Boston, MA (3/2019)

“Somatic Case Review” NSGC Cancer SIG webinar. (8/2018)

“Hereditary Thyroid Cancer Syndromes.” Dana-Farber Cancer Institute Annual Genetic Counseling Conference, Boston, MA (4/2018)

“Endocrine Tumor Genetics: MEN1 and MEN2.” Brandeis University Genetic Counseling Program. Waltham, MA (2013, 2015, 2016, 2017, 2018)

“Interesting cases from the CID and CCRA.” Massachusetts General Hospital Molecular Tumor Board. Boston, MA (1/2018)

“Hereditary Endocrine Tumor Syndromes: Pediatric Focus.” Massachusetts General Hospital Pediatric Endocrine Didactics, Boston, MA (11/2017)

“Tumor Genomic Profiling and Genetic Counselors.” New England Regional Genetics Group Genetic Counselors Conference, Danvers, MA (5/2017)

“Hereditary Pheochromocytomas and Paragangliomas.” Massachusetts General Hospital Genetics Conference. Boston, MA (2/2016)

“MEN1 Genetic Counseling.” Harvard Medical School Year III student presentations. Massachusetts General Hospital, Boston, MA (2015)

“Cases from the Center for Cancer Risk Assessment.” Massachusetts General Hospital Molecular Tumor Board. Boston, MA (3/2015)

“Multi-gene Panel Testing in Hereditary Cancer Susceptibility Syndromes.” Massachusetts General Hospital Genetics Conference. Boston, MA (5/2013)

“Advances in Breast Cancer.” Member of Q&A panel. Mass General/North Shore Cancer Center. Danvers, MA (2012)

#### PEER REVIEWED MANUSCRIPTS

Vidula N, Dubash T, Lawrence MS, Simoneau A, Niemierko A, **Blouch E**, et al. Identification of Somatically Acquired BRCA1/2 Mutations by cfDNA Analysis in Patients with Metastatic Breast Cancer. *Clin Cancer Res*. 2020 Sep 15;26(18):4852-4862. doi: 10.1158/1078-0432.CCR-20-0638. Epub 2020 Jun 22. PMID: 32571788; PMCID: PMC7501190.

Alimena S, Scarpetti L, **Blouch E**, Rodgers L, Shannon K, Del Carmen M, Goodman A, Growdon W, Eisenhauer E, Sisodia R. Factors associated with referral and completion of genetic counseling in women with epithelial ovarian cancer. *International Journal of Gynecological Cancer*. Published Online First: 23 May 2020. doi: 10.1136/ijgc-2019-001168

Brock PL, Geurts J, Van Galen P, **Blouch E**, Welch J, Kunz A, Desrosiers L, Gauerke JL, Hyde S. Challenges and opportunities in genetic counseling for hereditary endocrine neoplasia syndromes. *Endocr Relat Cancer*. 2020 Aug;27(8):T65-T75. doi: 10.1530/ERC-19-0454. PMID: 32106089.

Patel D, **Blouch EL**, Rodgers-Fouché LH, Emmet ME, Shannon KM. Finding a Balance: Reconciling the Needs of the Institution, Patient, and Genetic Counselor for Optimal Resource Utilization. *J Genet Counsel* (2018) 27: 1318-1327

Roszko KL, **Blouch E**, Blake M, Powers JF, Tischler AS, Hodin R, Sadow P, Lawson EA. Case Report of a Prolactinoma in a Patient With a Novel *MAX* Mutation and Bilateral Pheochromocytomas. *J Endo Soc* 1(11):1401-7, 2017.

Brierley KL, **Blouch E**, Cogswell W, Homer JP, Pencarinha D, Stanislaw CL, Matloff ET. Adverse events in cancer genetic testing: medical, ethical, legal, and financial implications. *Cancer J* 18(4):303-9, 2012.

Nguyen CL, Possemato R, **Bauerlein EL**, Xie A, Scully R, Hahn WC. Nek4 regulates entry into replicative senescence and the response to DNA damage in human fibroblasts. *Mol Cell Biol* 32(19):3963-77, 2012.

Possemato R, Timmons JC, **Bauerlein EL**, Wada N, Baldwin A, Masutomi K, Hahn WC. Suppression of hPOT1 in diploid human cells results in an hTERT-dependent alteration of telomere length dynamics. *Mol Cancer Res* 6(10):1582-93, 2008.

Hu M, Yao J, Carroll DK, Weremowicz S, Chen H, Carrasco D, Richardson A, Violette S, Nikolskaya T, Nikolsky Y, **Bauerlein EL**, Hahn WC, Gelman RS, Allred C, Bissell MJ, Schnitt S, Polyak K. Regulation of in situ to invasive breast carcinoma transition. *Cancer Cell* 13(5):394-406, 2008.

#### POSTER PRESENTATIONS

Vidula N, **Blouch E**, et al. Phase II multicenter study of talazoparib for somatic *BRCA1/2* mutant metastatic breast cancer. 2021 ASCO Annual Meeting

Vidula N, Horick N, **Blouch E**, Rivera A, Basile E, Fax R, Ellisen LW, Rugo HS, Bardia A. Phase II trial of a PARP inhibitor in somatic BRCA mutant metastatic breast cancer. 2020 ASCO Annual Meeting I. Abstract published online May 25, 2020. *Journal of Clinical Oncology* 38, no. 15\_suppl.

Vidula N, Horick N, Basile E, Sutherland S, Rivera A, **Blouch E**, Fax R, Haber D, Ellisen L, Rugo HS, Bardia A. Evaluation of Talazoparib, a PARP inhibitor, in patient with somatic BRCA mutant metastatic breast cancer: genotyping based clinical trial. San Antonio Breast Cancer Conference. December 2010. Poster presentation.

Zarcaro E, Ellisen LW, Shannon KM, **Blouch E**, Isakoff SJ. Impact of pre-surgical germline multigene panel testing on choice of surgery for breast cancer. American Society of Clinical Oncology. June 2018. Poster presentation.

**Blouch EL**, Clinton CH, Kieran S, Lerner B. Personal Genome Tests: Consumers' Motivations and Perspectives. National Society of Genetic Counselors Annual Education Conference. October 2010. Poster presentation.

#### INVITED REVIEWER

The Oncologist, 2018

#### GENETIC COUNSELING GRADUATE STUDENT THESIS/CAPSTONE

Mackenzie Wooters, MGH Institute of Health Professions, expected 2023: capstone committee member

Luanna Buchanan, MGH Institute of Health Professions, expected 2022: capstone primary advisor

Amanda Allred, Brandeis University 2019: thesis committee member

#### PROFESSIONAL MEMBERSHIPS

National Society of Genetic Counselors (NSGC) 2010 - present

NSGC Cancer Special Interest Group (SIG) 2010 - present

NSGC Cancer SIG – Tumor/Somatic Subcommittee member 2018 - 2020

New England Regional Genetics and Genomics Group, Inc. (NERGG) 2010 - present

#### AWARDS

Partners in Excellence Award, Mass General Hospital, April 2019

#### CONTINUING EDUCATION:

Course Design Institute, MGH Institute of Health Professions May - June 2019

Variant Interpretation in the Era of WES/WGS, NSGC Online Course October 2017

CONFERENCE ATTENDANCE:

NSGC Annual Conference	September 2021
Equitable and Inclusive Care in Genetic Counseling Virtual Conference, MGH IHP	June 2021
MEN 2021: 17th International Workshop on Multiple Endocrine Neoplasia	April 2021
Genetic Counseling: What Can We Learn from 2020? MGH IHP	August 2020
Genetic Counseling Innovations in Teaching and Clinical Care, MGH IHP	August 2019
Dana-Farber Annual Cancer Genetic Counseling Conference	April 2019
MEN 2019: 16th International Workshop on Multiple Endocrine Neoplasia	March 2019
Interpreting Genomes for Rare Disease, Broad Institute	June 2018
7th Annual Clinical Cancer Genetics and Genomics Conference, Chicago	April 2018
Dana-Farber Annual Cancer Genetic Counseling Conference	April 2018
Genetic Counseling in Transition: Practice and Philosophy, NERGG	May 2017
Dana-Farber Annual Cancer Genetic Counseling Conference	April 2016
A Landmark in Genomics: Our Value in Healthcare, NSGC	September 2016
New England Regional Genetics and Genomics Meeting	December 2014
The Future is Now: Leading the Way in Genomic Health, NSGC	October 2013
16 <sup>th</sup> Annual Meeting: CGA-ICC	October 2012
BRCA: From Theory to Practice. Montreal, Quebec	April 2012