

Maureen A. Flynn, MS, CGC, MPH

MGH Institute of Health Professions
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EDUCATION

Master of Public Health, Health Law May 2007
Boston University School of Public Health, Boston, MA

Master of Science, Medical Genetics (Genetic Counseling) May 2002
University of Wisconsin-Madison, Madison, WI

Bachelor of Science, Cell & Structural Biology May 2000
University of Illinois at Urbana-Champaign, Urbana, IL

ACADEMIC APPOINTMENTS

Associate Professor, MGH IHP, School of Health & Rehabilitation Sciences August 2016-current
Assistant Professor of Medicine, Hematology/Oncology, BU School of Medicine Jan 2014-2016
Assistant Professor of Pediatrics, Boston University School of Medicine Jan 2010-Jan 2014
Clinical Instructor of Pediatrics, Boston University School of Medicine Feb 2006-Jan 2010

PROFESSIONAL EXPERIENCE

MASSACHUSETTS GENERAL HOSPITAL (MGH)

Institute of Health Professions (IHP) August 2016-current
Program Director, M.S. Genetic Counseling Program

Center for Cancer Risk Assessment Aug 2016-June 2017
Provide comprehensive cancer risk counseling (primarily breast cancer indications), attend weekly breast health and other case conferences, supervise M.S. genetic counseling students.

BOSTON UNIVERSITY SCHOOL OF MEDICINE & BOSTON MEDICAL CENTER

M.S. Genetic Counseling Program

Associate Program Director, M.S. Genetic Counseling Program Sept 2012-2016
Assistant Program Director, M.S. Genetic Counseling Program March 2007-Sept 2012
Faculty, Division of Graduate Medical Sciences (GMS) July 2008-2016

Boston Medical Center, Cancer Care

2007-2016
Provided comprehensive cancer risk counseling (all indications) in multi-disciplinary setting within Cancer Care. Frequently utilized language interpreters (approximately 25% of patient population) and served patient population with socioeconomic challenges. Attended weekly multi-disciplinary breast health case conference. Also provided counseling for familial amyloidosis & hereditary thrombophilias.

Boston University, Center for Human Genetics

Dec 2002-July 2012
Provided comprehensive cancer risk, preconception, and pediatric and adult genetic counseling (including adult-onset neurological disorders) on-site (until 2009). Genetic counselor/coordinator for DNA diagnostics lab: wrote and signed diagnostic reports, reviewed all requisitions, provided information for professionals, communicated abnormal test results, and coordinated samples for Lynch syndrome analysis (until July 2006).

Boston Medical Center, Antenatal Testing Unit

Dec 2002-Jan 2006
Provided comprehensive prenatal risk counseling for advanced maternal age, maternal serum screening, family history, and ultrasound anomalies.

PROFESSIONAL CERTIFICATION & LICENSURE

Commonwealth of Massachusetts, Licensed Genetic Counselor (L.G.C.)	April 2009-current
American Board of Genetic Counseling, Board certified (C.G.C.)	Nov 2002-current

PROFESSIONAL COMMITTEES & CONSULTATION

National Society of Genetic Counselors

• Ethics Advisory Board	Jan 2017-current
• Public Policy Committee	Jan 2015-current
○ Chair, Policy Statement on Fetal Tissue Research	
○ Committee Member, Policy Statement on Newborn Screening	
○ Committee Member, Policy Statement on Blood Spot Storage	
○ Committee Member, Training Program Outreach	
• CEU Reviewer Subcommittee	2010
• Journal of Genetic Counseling, CEU Editor	2008-2010
• FOCA (Freedom of Choice Act) Working Group	2004

Association of Genetic Counseling Program Directors

• Nominating Committee, elected	Jan 2016-current
• Clinical Training Task Force	Oct 2016-current
• Membership Committee	2015-2017
• Navigating Competitive Issues Amongst Students, presentation	2012
• Summer rotation guidelines, Workgroup	2010

Boston University Medical Center

• School of Public Health, Alumni Board	2008-2012
○ Events Subcommittee, Member; Vice President	May 2009-Sept 2010
• Cancer Care Committee, Member	2012-2015
○ ACS Commission on Cancer Accreditation Site Visit, Participant	Oct 2014
• Graduate Medical Sciences, Site visit team – Healthcare Emergency Management	Jan 2015
• Framingham Heart Study, Genetic Counseling Advisor	Jan 2015-Aug 2016
• Committee on Graduate Medical Sciences Faculty Membership	2013-2016
• Genome Science Institute (GSI), Member	2008-2016

Other

• Wisconsin Stillbirth & Bereavement Conference, Boston Liaison and Coordinator	Dec 2008
• University of Wisconsin Genetic Counseling Program Advisory Council	Sept 2001-May 2002
• Tay Sachs Community Screening Program, Counselor, Madison, WI	Nov 2001

MEDIA

Channel 7/WHDH-TV interviews (genetic testing for hereditary breast cancer) evening news & Jewish Perspectives program	May, June 2013
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PROFESSIONAL AFFILIATIONS

• Association of Genetic Counseling Program Directors (AGCPD)	2008-current
• Transnational Alliance for Genetic Counseling (TAGC)	2007-current
• New England Regional Genetics Group (NERGG)	2004-current
• National Society of Genetic Counselors (NSGC)	2002-current
• American College of Medical Genetics and Genomics (ACMG)	2002-current
• American Society of Human Genetics (ASHG)	2003-2013

PEER-REVIEWED PUBLICATIONS

Flynn M, Douglass L, Rana M, Mian A, Milunsky, JM. (2016) Deletion at 2q24.3-31.1 resulting in severe Epileptic Encephalopathy and Episodic Autonomic Storming. J International Child Neurology Association 16(118).

Doyle N, Cirino A, Trivedi A, **Flynn M**. (2014) Exploring barriers to payer utilization of genetic counselors. J Genet Counsel: Aug 2014.

Flynn M. (2012) A couple's devastating journey & my development as a genetic counselor. J Genet Counsel 21(2): 185-186.

Flynn M, Milunsky JM. (2011) Early-onset breast cancer following a negative result for familial *BRCA1* mutation: a patient's unexpected journey. Familial Cancer 10(2): S92.

Flynn M, Zou YS, Milunsky A. (2011) Whole gene duplication of the *PQBPI* gene in syndrome resembling Renpenning. American Journal of Medical Genetics. 155A: 141-144.

Milunsky A, Ito M, Maher TA, **Flynn M**, Milunsky J. (2009) Prenatal molecular diagnosis of tuberous sclerosis complex. American Journal of Obstetrics and Gynecology 200: 321-324.

Flynn M, Milunsky J. (2006) Autosomal dominant syndrome resembling Coffin-Siris syndrome. American Journal of Medical Genetics 140A: 1326-1330.

Flynn M, Pauli RM. (2003) Double heterozygosity in bone growth disorders. American Journal of Medical Genetics 121A: 193-208.

** cited by Policy Statement (2005) Health Supervision for Children with Achondroplasia. Pediatrics 116(3):771-783. Reaffirmed May 2012.

Flynn M, Milunsky J. (2003) Genetic Counseling. Leadership Perspectives in Developmental Disability: 3(1).

OTHER PUBLICATIONS

- Stasi S, **Flynn M**. (2013) Xeroderma Pigmentosum. My46 "Trait Profile": <https://www.my46.org/>.
- **Flynn M**. (2013) *MUTYH* Associated Polyposis. My46 "Trait Profile": <https://www.my46.org/>.
- **Flynn M**. (2013) Familial Medullary Thyroid Cancer. My46 "Trait Profile": <https://www.my46.org/>.
- Fisher L, **Flynn M**. (2013) VLCAD deficiency. My46 "Trait Profile": <https://www.my46.org/>.
- Heydrich C, **Flynn M**. (2013) Birt-Hogg-Dubé syndrome. My46 "Trait Profile": <https://www.my46.org/>.

ACCEPTED ABSTRACT, UPCOMING PRESENTATION

"Consumer Access to Online Raw DNA Interpretation Services: Emerging Challenges and Opportunities" - American Public Health Association, Annual meeting Nov 2017

PEER REVIEWED PRESENTATIONS

"The impact of raw DNA availability and corresponding online interpretation services: a mixed methods study" June 2017
4th ELSI Congress – "Genomics and Society: Expanding the ELSI Universe"

"Do-it-yourself (DIY) genomics: Consumer and genetic counselor responses to online raw DNA interpretation" March 2017
Society of Behavioral Medicine, Annual Meeting

"Raw DNA availability and downstream implications for genetic service providers" Oct 2016
Poster – American Society of Human Genetics, Annual Meeting
Selected for ASHG Poster Walk presentations, led by Judith G. Hall

“How do genetic counselors counsel regarding lung cancer and lung cancer risk?” Poster – National Society of Genetic Counselors, Annual Meeting	Sept 2016
“Recontacting patients in the age of panel testing: cancer genetic counselors' practice and perspective” Poster – National Society of Genetic Counselors, Annual Meeting	Oct 2015
“Exploring barriers to payer utilization of genetic counselors” Poster – National Society of Genetic Counselors, Annual Meeting	Oct 2013
“Early-onset breast cancer following a negative result for familial BRCA1 mutation: a patient’s unexpected journey” Poster, <u>International Meeting</u> on Psychosocial Aspects of Hereditary Cancer (IMPAHC)	April 2012
“Clinical Molecular Testing for Neurofibromatosis type 1 (NF1)/Legius Syndrome (SPRED1): 88 Novel Mutations in NF1/SPRED1” Poster – American Society of Human Genetics, Annual Meeting	Oct 2010
“Availability, Density, and Accessibility of Genetic Counseling Services” Poster – National Society of Genetic Counselors, Annual Meeting	Oct 2009
“Whole Gene Duplication of the <i>PQBPI</i> Gene in Renpenning Syndrome” Poster – American College of Medical Genetics, Annual Meeting	Oct 2009
“Prenatal Molecular Diagnosis of Tuberous Sclerosis Complex (TSC)” Poster – American College of Medical Genetics, Annual Meeting	March 2009
“16 Mb Deletion at 4q34.1-qter Secondary to Familial Derivative Chromosome Associated with GDD and ASD” Poster – American College of Medical Genetics, Annual Meeting	March 2008
“Maternally-Inherited Proximal 15q Duplication Not Associated with Autism” Poster – American College of Medical Genetics, Annual Meeting	March 2007
“hMSH2 Mutation Identified in a Family with Muir-Torre Syndrome: Genetic Counseling Perspective” Poster - American Society of Human Genetics, Annual Meeting	Oct 2006
“Autosomal Dominant Coffin-Siris Syndrome with Premature Thelarche” Poster - American Society of Human Genetics, Annual Meeting	Oct 2005
“Repetitive Non-Challenging Motor Activity and Removal from Motor Learning Conditioning Cause a Down Regulation in Glur2 (AMPA) in the Motor Cortex” Poster – Society for Neuroscience	Nov 2000

INVITED PRESENTATIONS

Regional Meetings

“Genetics & Breast Cancer” Massachusetts Academy of Family Physicians conference	March 2012
“Atypical Clinical Presentation of Cowden Syndrome” New England Regional Genetics Group (NERGG), Annual Education Conference	Dec 2011
“Lynch Syndrome due to <i>TACSTD1/EPCAM</i> Deletions” New England Regional Genetics Group (NERGG), Annual Education Conference	Nov 2009
“Multiple Congenital Anomalies in an Infant with Probable Oral-Facial-Digital Syndrome” New England Regional Genetics Group (NERGG), Annual Education Conference	Nov 2007
“Retropharyngeal Cyst Associated with Klippel-Feil Syndrome” New England Regional Genetics Group (NERGG), Annual Education Conference	Nov 2006

- “Hemochromatosis & Colon Cancer Syndromes” April 2006
Melrose-Wakefield Hospital, Melrose, MA
- “Familial 18;21 Translocation Resulting in Trisomy 18p in Two Siblings” Dec 2004
New England Regional Genetics Group (NERGG), Annual Education Conference

International Meeting

- “Genetic Counseling Professional Development” June 29, 2016
Discussion Panel: “The different paths your career can take”
Festival of Genomics, Boston, MA

ADDITIONAL TEACHING EXPERIENCE

- Boston University GMS Academic Immersion: Intro to Medicine 2015
(summer high school program)
- Boston University GMS Physician Assistant Program 2014-2016
GMS PS701 – Basic Medical Sciences (genetics)
- Boston University School of Public Health 2008-2013
SPH LW800 – Genetics, Law, and Public Health
- Department of Medical Genetics, Genetic Counseling Training Program 2011
King Faisal Specialist Hospital & Research Center, Saudi Arabia
Cancer Genetics, instructor and course coordinator, distance education

CONTINUING EDUCATION

COURSES

- Boston University, Graduate Medical Sciences
GMS MS677: STEM Teaching Fall 2015
- Boston University, School of Education
SED CE630: Applied Positive Psychology Spring 2015
- Boston University, School of Public Health
SPH PM736: Human Resources Management Fall 2013
SPH BS723: Introduction Statistical Computing Fall 2012

NATIONAL & INTERNATIONAL CONFERENCES

- National Society of Genetic Counselors, Annual Education Conference '01, '04, '07, '10, '12, '14-'17
- American Society of Human Genetics, Annual Meeting 2003, 2005, 2009, 2013
- American College of Medical Genetics, Annual Meeting 2007, 2008, 2013
- AGCPD (Association of GC Program Directors) Biannual Retreat 2010, 2012, 2016
- 12th International Meeting on Psychosocial Aspects of Hereditary Cancer (IMPAHC) 2012