



Heather Hanson Pierce, PhD, MS, CGC

Contact Information

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Current Position

**University of Kentucky, Lexington, KY**

**7/1/04- present**

***Clinical Assistant Professor***, Division of Hematology/Oncology,  
Department of Internal Medicine, College of Medicine  
***Director***, Clinical Genetic Counseling Program, Lucille P.  
Markey Cancer Center

Professional Experience

**Lucille P. Markey Cancer Center, University of Kentucky, Lexington, KY**

**2/1/03- 6/30/04**

***Senior Genetic Counselor***

**Memorial Sloan-Kettering Cancer Center, New York, NY**

**9/13/99- 1/15/03**

***Genetic Counselor/Research Coordinator***

**Mt. Sinai Medical Center, New York, NY**

**3/1/99-9/1/99**

***Cancer Genetic Counselor Trainee***

**Mt. Sinai Medical Center, New York, NY**

**2/28/98 -2/28/99**

***Research Technician***

**University of South Florida, Tampa, FL** **1986-1991**  
***Research Technician***

### **Teaching/Supervision**

**University of Kentucky, Lexington, KY** **2003- present**  
***Assistant Professor, Hematology/Oncology, Internal Medicine***

Teach subjects related to cancer genetic counseling to attending and resident physicians, clinical fellows, faculty, graduate students and staff. Provide CME through UK-sponsored and extramural programs. Provide local and regional provider education through in-service presentations. Provide community education.

**Sarah Lawrence College, New York, NY** **1999-2003**  
***Genetic Counselor Training Supervisor/Lecturer***

Serve as a cancer genetics training supervisor for students in the Sarah Lawrence College Genetic Counseling Program, gave presentation on breast cancer genetics as part of 2001 lecture course in cancer genetics

**Cornell Weill Medical School, New York, NY** **2000**  
***Teaching Assistant***

Served as a teaching assistant for the population genetics module for medical students

**Mt. Sinai School of Medicine, New York, NY** **1999**  
***Training Supervisor, Genetic Counseling Students***

Served as a cancer genetics training supervisor for students in the Mt. Sinai Genetic Counseling Program

**University of North Carolina, Chapel Hill, NC** **1994**  
***Teaching Assistant***

Served as a teaching assistant for a graduate level introductory course in advanced molecular biology

**Florida State University, Tallahassee, FL** **1991-1992**  
***Teaching Assistant***

Served as a teaching assistant for an undergraduate level course in advanced biology

### **Professional Certification**

**American Board of Genetic Counseling, #99249** **1999-2009**  
***Certified Genetic Counselor, Diplomate of the American Board of Genetic Counseling***

## Membership in Professional Societies

**National Society of Genetic Counselors**

**American College of Medical Genetics**

**American Society of Human Genetics**

## Education

**Master of Science, Genetic Counseling**

**1997-1999**

Mt. Sinai School of Medicine, New York, NY

**Doctor of Philosophy, Genetics and Molecular Biology**

**1992-1997**

University of North Carolina, Chapel Hill, NC

Honors:

UNC Graduate School Merit Assistantship

Honorable Mention for NSF Pre-doctoral Fellowship

Honorable Mention for Howard Hughes Pre-doctoral Fellowship

**Bachelor of Science, Biology**

**1988-1992**

Florida State University, Tallahassee, FL

Honors:

Graduated magna cum laude

Phi Beta Kappa Honor Society

Phi Kappa Phi Honor Society

Golden Key National Honor Society, Undergraduate Scholarship

Merit Scholar, National Merit Scholarship

FSU Merit-related Scholarship

Florida Academic Scholars Undergraduate Scholarship

## Publications

Rosenthal MS, **Pierce HH**. Inherited Medullary Thyroid Cancer and the Duty to Warn: Revisiting Pate v. Threlkel in Light of HIPAA. Thyroid 16(2): 140-145, 2005.

**Pierce H**, Hanna N. 2004. Hereditary breast and ovarian cancer syndrome. in Encyclopedia of Diagnostic Proteomics and Genomics. Edited by J. Fuchs and M. Podda, 594-599. New York: Marcel Dekker, Inc.

King MC, Marks JH, Mandell JB; New York Breast Cancer Study Group (including Memorial Sloan-Kettering Cancer Center [Robin Camhi Baum, Patrick Borgen, Karen L. Brown, Emily Glogowski, Bruce R. Haas, Heather Hampel, Deborah A. McDermott, Larry Norton, **Heather Hanson Pierce**, Mark Pinto, Mark Robson, Lauren Scheuer, Charlene J. Schulz, Kenneth Offit]). Breast and ovarian cancer risks due to inherited mutations in BRCA1 and BRCA2. Science 302(5645):643-6, 2003.

- Offit K, **Pierce H**, Kirchoff T, Kolachana P, Rapaport B, Gregersen P, Johnson S, Yossepowitch O, Huang H, Satagopan J, Robson M, Scheuer L, Nafa K, Ellis N. Frequency of CHEK2\*1100delC in New York breast cancer cases and controls. BioMed Central Medical Genetics 4(1): 1, 2003.
- Offit K, Gilad S, Paglin S, Kolachana P, Roisman LC, Nafa K, Yeugelewitz V, Gonzales M, Robson M, McDermott D, **Pierce HH**, Kauff N, Einat P, Jhanwar S, Satagopan J, Oddoux C, Ellis N, Skaliter R, and Yahalom J. Rare Variants of *ATM* and Risk for Hodgkin's Disease and Radiation-Associated Breast Cancers. Clinical Cancer Research 8(12): 3813-9, 2002.
- Gruber SB, Ellis NA, Scott KK, Almog R, Kolachana P, Bonner JD, Kirchoff T, Tomsho LP, Nafa K, **Pierce H**, Low M, Satagopan J, Rennert H, Huang H, Greenson JK, Groden J, Rappaport B, Shia J, Johnson S, Gregersen PK, Harris CC, Boyd J, Rennert G, Offit K. *BLM* Heterozygosity and the Risk of Colorectal Cancer. Science 297(5589): 2013, 2002.
- Wang WW, Spurdle AB, Kolachana P, Bove B, Modan B, Ebbers SM, Suthers G, Tucker MA, Kaufman DJ, Doody MM, Tarone RE, Daly M, Levavi H, **Pierce H**, Chetrit A, Yechezkel GH, Chenevix-Trench G, Offit K, Godwin AK, Struewing JP. A single nucleotide polymorphism in the 5' untranslated region of RAD51 and risk of cancer among BRCA1/2 mutation carriers. Cancer Epidemiology, Biomarkers, and Prevention 10(9): 955-60, 2001.
- Martignetti JA, Gelb BD, **Pierce H**, Picci P, Desnick RJ. Malignant fibrous histiocytoma: inherited and sporadic forms have loss of heterozygosity at chromosome bands 9p21-22—evidence for a common genetic defect. Genes Chromosomes and Cancer 27(2): 191-5, 2000.
- Pierce, HH**, Schachat F, Brandt PW, Lombardo CR, Kay BK: Identification of troponin C antagonists from a phage-displayed random peptide library. Journal of Biological Chemistry 273(36): 448-53, 1998.
- Adey NB, Guo R, **Hanson HL**, Rider J, Sparks AB, and Kay BK. Construction and screening of M13 phage-displayed random peptide libraries. Methods in Molecular and Cellular Biology 6: 34-45, 1996.
- Pierce HH**, Adey NB, and Kay BK. Identification of cyclized calmodulin antagonists from a phage display random peptide library. Molecular Diversity 1: 259-65, 1995.