

COURSE DIRECTOR/FACULTY TEACHING BIOGRAPHICAL SKETCH

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NAME: Kelly Taylor, MS, LCGC

INSTITUTION POSITION TITLE: Senior Associate in Medicine

GRADUATE PROGRAM POSITION TITLE: Course Director

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Boston University	BA	May 1992	Biology
University of Michigan	MS	December 1995	Genetic Counseling

A. Course Title:

Research for Genetic Counselors 1 and 2

Please provide a brief statement of expertise and/or skill set that you offer for students taking the course(s) you are responsible for teaching (Standard A2.5.2). *If you will be asked to teach an online course, please list completed training and/or education related to distance learning. In addition, please include a description of your knowledge and content expertise related to genetic counselor specific education. Please describe training or experiences which have supported the development of your teaching skills. Please describe any future plan for obtaining training to support the ongoing development of teaching skills).*

I am a Senior Associate in the Department of Genetic Medicine and a genetic counselor for the Vanderbilt Hereditary Cancer Clinic. I have over 20 years of experience as a clinical and research genetic counselor and in genetics education. As a clinical counselor, my focus has been on patients with a personal and/or family history of cancer. As a research genetic counselor, I have been responsible for project management for a variety of genetic studies, with responsibilities including development of research protocols and consent forms, ascertainment and enrollment of study participants and oversight of regulatory compliance with IRB and HIPAA regulations. I have been involved in teaching throughout my career. At Vanderbilt, I developed and was the course director for the Master of Science in Clinical Investigation Human Genetics course for 5 years. I have lectured in courses for the Human Genetics PhD Program. I am a clinical supervisor for genetic counseling interns, medical students, residents and fellows. I have a particular interest in ethical and legal issues in genetic research. I am the past chair of the NSGC Research Subcommittee and Research Special Interest Group and was a member of the working groups that drafted 3 NSGC research-related position statements, including statements on DNA-sequence patenting, somatic cell nuclear transfer (SCNT) and stem cell research.

B. Positions, certification, and honors *(include dates):*

I. Positions and Employment

- Genetic Counselor, Hereditary Cancer Program, Vanderbilt Ingram Cancer Center, 11/2015-present
- Genetic Counselor, Hereditary Cancer Program, Vanderbilt Ingram Cancer Center, 1/2013-12/2014
- Senior Associate in Genetic Medicine, Vanderbilt University Medical Center, 10/2019-present
- Associate in Genetic Medicine, Vanderbilt University Medical Center, 11/2015-9/2019
- Associate in Genetic Medicine, Vanderbilt University Medical Center, 1/2013-12/2014
- Genetic Counselor, Center for Human Genetics Research, Vanderbilt University Medical Center, 3/2002-12/2012
- Associate in Molecular Physiology & Biophysics, Vanderbilt University Medical Center, 1/2005-12/2012
- Assistant in Molecular Physiology & Biophysics, Vanderbilt University Medical Center, 3/2002-12/2004
- Genetic Counselor, Genetic Studies Core Facility, University of California San Francisco, 8/1998-2/2002
- Genetic Counselor, University of Michigan Comprehensive Cancer Center, 3/1997-6/1998
- Research Associate, General Surgery Division, University of Michigan Medical School, 10/1996-3/1997
- Research Associate, Genome Education Program, University of Michigan Medical School, 2/1996-10/1996
- Research Assistant, Department of Rheumatology and Immunology, Brigham & Women's Hospital/Harvard Medical School, 7/1992-8/1994

II. Certification

- State of Tennessee, Genetic Counselor License # 0000000020, 2/2009-present
- State of Kentucky, Genetic Counselor License # GC338, 9/2021-present
- American Board of Genetic Counseling, Diplomat, 9/2002-present
- Society of Clinical Research Associates, Clinical Research Professional, 7/2011-6/2017

III. Honors

- Vanderbilt University Medical Center, Department of Medicine, Division of Genetic Medicine, Grant W. Liddle Teaching Award, June 23, 2022.
- Vanderbilt University Medical Center, Department of Medicine, Division of Genetic Medicine, Excellence in Patient Experience Award, 2022.

C. Please list your Teaching/Mentorship/Clinical Supervision/Leadership Activities. *(within the last 5 years):*

- **Vanderbilt University Genetic Counseling Program**
 - Vice-Chair, Research Review Committee 2019-present
 - Member, Admissions Committee, 2019-present
 - Member, Curriculum Development Committee 2017-present
 - Course Co-Director, Research for Genetic Counselors I & II GC6610 & GC6615 2019-present
 - Lecturer, Foundations of Genetic and Genomics GC6500 2019-present
 - Lecturer, Laboratory Sciences in Medical Genetics GC6520 2019-present
 - Academic Advisor, 2020-present
 - Thesis Advisor
 - Emma Metz 2019-2021
 - Ellie Jacoby 2020-2022
 - Tielle Gallion 2021-2023
 - Allison Binsfeld 2023-2025
 - Rachel Lipson 2023-2025

Thesis Committee Member

Morgan Wolfgang 2020-2022

Mryia Hubert 2020-2022

Elian Silverman 2021-2023

Chloe Cevan 2021-2023

Mikaela Bradley 2022-2024

Serena Fleming 2022-2024

Lianna Paul 2022-2024

- **Vanderbilt University Genetic Counseling Program**

Lead Supervisor VUMC Hereditary Cancer Clinic Rotation August 2019-present

- **Vanderbilt Ingram Cancer Center**

Hereditary Cancer Program

Primary Supervisor, Genetic Counseling Graduate Students

Joanna Urli, Boston University, Summer 2018

Supervisor, Genetic Counseling Students

Morgan Turner, University of Alabama, Summer 2017

Sarah Carpenter, University of Alabama, Spring 2018

Nicole Deckard, University of Alabama, Spring 2019

Supervised medical students, residents and fellows rotating through the Hereditary Cancer Program. 2013-present

D. Professional Activities (*Within the last 5 years*):

- American Board of Genetic Counseling, Board Nomination Committee 2019
- Tennessee Genetic Counselor Association, Annual Conference Planning Committee 2019
- National Society of Genetic Counselors, Cancer Special Interest Group, Antiracism Subcommittee 2020-2021
- Ad Hoc Grant Reviewer, Patient-Centered Outcomes Research Institute (PCORI) 2022
- Natera Advisory Board Meeting on Hereditary Cancer Screening May 20, 2022

E. Research, funded grants and/or scholastic endeavors including accepted abstracts and other publications: (*Please only include accomplishments from the last 5 years*):

PUBLICATIONS (PEER REVIEWED):

Gallion, Tielle; Williams, Zachary J.; Niarchou, Maria; Duncan, Laura; Hooker, Gillian; Taylor, Kelly A.

Attitudes of Autistic Adults toward Genetic Testing for Autism. *Journal of Genetic Counseling* (*under review*)

Hubert, Mryia; Mittendorf, Kathleen F.; Neining-Castro, Abigail C.; Hooker, Gillian W.; Andujar, Justin D.; Bland, Sarah T.; Celaya-Cobbs, Natasha; Gerhart, Meredith; Taylor, Kelly; Orlando, Lori A.; Wiesner, Georgia L. What factors influence patient uptake of a family history tool? An analysis from the Family History and Cancer Risk Study (FOREST) study. *Journal of Genetic Counseling* (*under review*)

Oxnard, Geoffrey; Chen, Ruthia; Pharr, Jennifer; Koeller, Diane; Bertram, Arrien; Dahlberg, Suzanne; Rainville, Irene; Shane-Carson, Kate; **Taylor, Kelly**; Sable-Hunt, Alicia; Sholl, Lynette; Teerlink, Craig; Thomas, Alun; Albright, Lisa Yang, Hao; Salvatore, Mary; Fay, André; Ashton-Prolla, Patricia; Addario, Bonnie; Jänne, Pasi; Carbone, David; Wiesner, Georgia; Garber, Judy. (2023) Germline EGFR mutations and familial lung cancer. *Journal of Clinical Oncology* . Epub ahead of print.

ABSTRACTS (PEER REVIEWED):

Bentley, E.S., Hooker, G., **Taylor, K.**, Stallings, S., Vaitinadin, S.V., Talbert, J. Uncertainty, Coping, and Genetic Assessment among Close Relatives of People with Familial Pulmonary Fibrosis. Poster Presentation. Pulmonary Fibrosis Foundation Summit. November 9-13, 2023.

Taylor, K.A., Gallion, T., Williams, Z.J., Niarchou, M., Duncan, L., Hooker, G. Genetic Testing for Autism: Perspectives from Autistic Adults. Poster Presentation. National Society of Genetic Counselors 42nd Annual Meeting. October 17-21, 2023.

Bentley, E.S., Hooker, G., **Taylor, K.**, Stallings, S., Vaitinadin, S.V., Talbert, J. Uncertainty, Coping, and Genetic Assessment among Close Relatives of People with Familial Pulmonary Fibrosis. Poster Presentation. National Society of Genetic Counselors 42nd Annual Meeting. October 17-21, 2023.

Jacoby, E., **Taylor, K.**, Skikic, M., Wilson, J., and Hooker, G. "I Have Not Had This Opportunity, But It Would Be Ideal:" Psychiatrists' Perspectives on Genetics and the Role of Genetic Counselors. Poster Presentation. National Society of Genetic Counselors 41st Annual Meeting. November 16-20, 2022.