

COURSE DIRECTOR/FACULTY TEACHING BIOGRAPHICAL SKETCH

NAME: Katherine Anderson, ScM, CGC

INSTITUTION POSITION TITLE: Assistant in Medicine, Division of Cardiovascular 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
Miami University (Oxford, OH)	BA	05/2014	Zoology, Communications
Johns Hopkins Bloomberg School of Public Health/National Institutes of Health (Baltimore/Bethesda, MD)	ScM	01/2019	Genetic Counseling

A. Course Title(s): Foundations of Genetics and Genomics; Medical Genetics 2

B. Brief statement of expertise and/or skill set that you offer for students taking the course(s) you are responsible for teaching. *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) (Standard A2.5.2):*

I am the genetic counselor for the Division of Cardiovascular Medicine at Vanderbilt University Medical Center. My training as a board certified, licensed genetic counselor prepares me well to co-direct Foundations in Genetics and Genomics and Medical Genetics II. For the Master of Genetic Counseling program at Vanderbilt I have attended curriculum development meetings and created dynamic and engaging coursework to teach students about genetic conditions in a way that is memorable and imitates the clinical work they will have in their careers. Although my specialty is cardiology, I continue to research and take continuing education courses in diverse genetic specialties to maintain my knowledge base and better advise our students. In the past year, I have attended training workshops regarding course development and student feedback. I have also attended workshops run by Vanderbilt, NSGC, and special interest groups regarding adaptation to online coursework and online supervision. As I learn more about education and teaching, I plan to pursue further training in curriculum development and student engagement to advance our more lecture-based coursework to a flipped-classroom or student-driven framework. I have a keen interest in policy and ethics and have expertise in both qualitative and quantitative research methods. My other research interests include genotype-phenotype correlations, improving clinical communication with patients, and maximizing the utility of electronic medical record systems. To that end, I am involved with the Electronic Medical Records and Genomics (eMERGE) project at Vanderbilt.

C. Positions, certification, and honors

I. Positions and employment:

3/2019-Present Assistant in Medicine, Division of Cardiovascular Medicine

1/2016-8/2016 Vanderbilt University Medical Center, Nashville, TN
Genetic Counseling Assistant, Advocate Children's Hospital
Advocate Medical Group, Park Ridge, IL

II. Certification:

8/2019-Present Diplomat, American Board of Genetic Counseling
9/2019-Present Licensed Genetic Counselor, Tennessee, #281
12/2016-Present CITI Certified

III. Honors:

8/2016-1/2019 Intramural Research Training Award Fellow
National Human Genome Research Institute

D. Teaching/Mentorship/Clinical Supervision/Leadership Activities (*within the last 5 years*):

8/2020-Present Course director, Foundations of Genetics and Genomics
Vanderbilt University Master of Genetic Counseling Training Program
5/2020-Present Clinical Supervisor
Vanderbilt University Master of Genetic Counseling Training Program
1/2020-Present Course director, Medical Genetics II
Vanderbilt University Master of Genetic Counseling Training Program
8/2019-Present Near-Peer Mentorship Program
Vanderbilt University Master of Genetic Counseling Training Program
7/2019 Educator
Women's Heart Failure Support Group, Vanderbilt University Medical Center
6/2019-Present Integrated Case Development
Vanderbilt University Master of Genetic Counseling Training Program
3/2019-Present Member, TNGCA Conference Planning Committee
Tennessee Genetic Counselors Association
9/2017 Support Group Facilitator
Proteus Syndrome Foundation Biennial Meeting

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

2020-Present Member, American Heart Association
2020-Present Member, Sudden Death in the Young Expert Review Committee
2019-Present Member, Tennessee Genetic Counselors Association
TNGCA Conference Planning Committee
2018-Present Member, National Society of Genetic Counselors
Cardiovascular Genetics Special Interest Group

F. Research, funded grants and/or scholastic endeavors including accepted abstracts and other publications
(*within the last 5 years*):

Vanderbilt University Medical Center, Division of Cardiology

"Defining the Cardiac Phenotype and Clinical Outcomes for Genetic Subtypes of Atrial Fibrillation,"
sponsored by the American Heart Association, 2020

Award Total: \$328,470.00

Project Period: 7/1/2020-6/30/2020

Posters and Presentations

Anderson K, Erby L, Owczarzak J. Therapy or travesty: Genetic counselor experiences with and attitudes toward growth attenuation therapy. National Society of Genetic Counselors AEC; Salt Lake City, UT. 2019.

Anderson K. Transitioning from pediatric to adult cardiology care. National Institutes of Health Post Clinic Conference; Bethesda, MD. 2018.

Anderson K. Discussing disability in the prenatal setting. National Institutes of Health Post Clinic Conference; Bethesda, MD. 2017.