

**COURSE DIRECTOR/FACULTY TEACHING BIOGRAPHICAL SKETCH**

NAME: Gillian W. Hooker

INSTITUTION POSITION TITLE: Adjunct Associate Professor

GRADUATE PROGRAM POSITION TITLE: Chair, Research Review Committee

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
Kalamazoo College, Kalamazoo, Michigan	BA	06/2000	Biology
Yale University, New Haven, Connecticut	PhD	12/2006	Molecular, Cellular and Developmental Biology
Johns Hopkins University, Baltimore, Maryland	ScM	1/2009	Genetic Counseling
Georgetown University, Washington, District of Columbia	Post-doc	08/2011	Cancer Prevention and Control

**A. Course Titles:** Research I, Theories of the Human Experience

**B. 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.**

My career has focused on implementation and outcomes of genetic counseling and testing, first as an academic and more recently in my position as the Chief Scientific Officer of Concert Genetics. I completed my post-doctoral research Cancer Prevention & Control at Georgetown University studying BRCA1/2 testing and service delivery in a randomized controlled trial of telephone genetic counseling and among newly diagnosed breast cancer patients. Following that, I served as the associate director of the NIH/Johns Hopkins Genetic Counseling Training Program and conducted research at NHGRI as part of the ClinSeq team, studying one of the first healthy populations to undergo whole exome sequencing. In my role at Concert Genetics, I provide clinical leadership and oversee the Policy, Data Asset and Analytics teams working to support health insurers, hospital systems, laboratories and policy makers. At Vanderbilt, I am active in a number of clinical research collaborations to understand implementation and outcomes of genetic counseling and testing. In 2020, I served as the president of the National Society of Genetic Counselors.

I have been an active participant in teaching workshops organized by the genetic counseling program to build competence in curriculum design and classroom education, both prior to and since the inception of the program.

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

**I. Positions and Employment:**

Institution	Position/Title	Dates
Social and Behavioral Research Branch, NHGRI	Associate Program Director	2011-2014
Department of Health, Behavior & Society, Johns Hopkins University, Bloomberg School of Public Health	Adjunct Associate Professor	2011-2014
NextGxDx / Concert Genetics	Senior Manager of Clinical Development	2014
	Director of Clinical Development	2014-2016
	Vice President of Clinical Development	2016- Present

II. Certification:

Certified Genetic Counselor, American Board of Genetic Counseling, 2010

III. Honors:

Invited Speaker, Genetic Counseling Leadership Series, UPMC, 2021

NSGC Outstanding Volunteer Award, 2015

Am. Soc. for Preventive Oncology, New Investigators Workshop, 2011

National Science Foundation Graduate Research Fellowship, 2002

F.W. Heyl Fellowship for Graduate Study, 2000

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

Training/education you have had in course development and learning assessment, teaching, and leadership (i.e., courses, workshops, certificate programs).

2017- present	Curriculum Development Committee bimonthly meetings for the Vanderbilt University Master of Genetic Counseling Program
1/2019-5/2019	Nashville Healthcare Council Fellows Program
8/2017	University of Alabama at Birmingham Supervisor Training
5/2017	Curriculum Development training, VU SoM Educator Development Core
4/2017	Vision Creation Workshop for Vanderbilt Master of Genetic Counseling Program

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

Courses Led:	8/2019-present	Research I	Vanderbilt University
	1/2020-present	Theories of the Human Experience	Vanderbilt University
Mentorship:	2020-2022	GC Thesis Advisor	Mryia Hubert, Dave Baker
	2018	Internship Advisor	Katherine Anderson
	2018	NSGC Mentor	Kennedy Borle
Leadership:	2018- 2021	NSGC Board of Directors NSGC President	National Society of Genetic Counselors

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

In addition to leadership roles held within NSGC, I have served on the Outcomes Task Force, the Advisory Board of the Jane Engelberg Memorial Fellowship, nominating committees for NSGC and ABGC, and the Advocacy Coordinating Committee. I currently serve on the advisory committees of the Wayne State University Genetic Counseling Training Program and the Johns Hopkins/NIH Genetic Counseling Training program, and as a special advisor to Dr. Cristle Collins Judd, president of Sarah Lawrence College, advising on the development of a new institute within the college.

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

My recently published works address landscape of clinical genetic tests offered in the US and, through claims data, clinical genetic tests paid for by commercial insurers in the US (e.g. PMID: 29733704 and 33415801). I have worked with students at Stanford and Vanderbilt on thesis projects as a thesis advisor and committee member related to the reimbursement and delivery of genetic testing and genetic counseling. These works have been presented at a number of meetings and resulted in a recent publication (PMID: 35191121). I have been collaborating on two NIH funded grants with Drs. Tuya Pal and Georgia Wiesner and supporting students working on these grants.