

BIRCWH Mentors

Name/Degree(s)	Rank / Title	Appointment(s)	Research Interest
Bennett, Gary, PhD	Professor	Psychology and Neuroscience; Director Duke Global Health Institute (DGHI), Duke	Obesity treatment. Design, test and disseminate digital health interventions.
Berchuck, Andrew, MD	Professor & Chief	Obstetrics and Gynecology-Gynecologic Oncology; Duke	Ovarian, endometrial and lower genital tract cancers.
Boulware, Ebony, MD, MPH	Professor & Chief	Medicine-General Internal Medicine; Duke; Vice Dean for Translational Science; Associate Vice Chancellor for Translational Research, Duke	Clinical Epidemiology, Health Disparities, Comparative Effectiveness
Capel, Blanche, PhD	Professor	Cell Biology; Cell and Molecular Biology Program (CMB), Duke	Sex Determination; Testis/Ovary Development/Germ Cell Development
Corneli, Amy, PhD	Associate Professor	Population Health Sciences	Qualitative methodologist; HIV prevention
Diehl, Anna Mae, MD	Professor	Medicine-Gastroenterology; Molecular Genetics and Microbiology; Director of the Duke Liver Center, Duke	Basic Mechanisms of liver injury and regeneration. Genomic and developmental biological approaches
Dzirasa, Kafui, MD, PhD	Associate Professor	Psychiatry and Behavioral Sciences, Duke	Psychiatric neuroengineering; how neuropsychiatric risk genes interact with environmental stress to modify neural circuits that underlie normal emotional and cognitive function

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Groh, Jennifer, PhD	Professor	Psychology & Neuroscience; Neurobiology; Computer Science; Member of Center for Cognitive Neuroscience	How sensory and motor systems work together; sensorimotor and cognitive processing
Hwang, Shelley, MD, MPH	Professor & Chief	Surgery-Advanced Oncologic and Gastrointestinal Surgery-Breast Surgical Oncology; Radiology; Vice Chair of Research, Dept. of Surgery	Cancer biology, clinical trials, breast cancer prevention, identifying less invasive treatments for early stage breast cancers; genomics of cancer progression
Katz, David, PhD	Professor	Biomedical Engineering; Pratt School of Engineering, Duke	Development of topical microbicide products for prevention of HIV transmission and infection
Kimbrow, Sean, PhD	Professor	Biological and Biomedical Sciences, NCCU	Molecular characterization of hormonal cancers, including prostate and breast
Kuhn, Cynthia, PhD	Professor	Pharmacology and Cancer Biology; Psychiatry and Behavioral Sciences; Member of the Duke Institute for Brain Sciences; Affiliate of the Center for Child and Family Policy	Biologic factors that increase vulnerability to drug abuse and depression in vulnerable populations; sex/gender differences in health
Lefkowitz, Robert, MD	Professor	Medicine-Cardiology; Biochemistry; Chemistry; Pathology; Investigator Howard Hughes Medical Institute, Duke	Hormones, Medical Biology, Membrane Biochemistry, Signal Transduction
McDonnell, Donald, PhD	Professor & Chair	Pharmacology and Cancer Biology; Medicine, Duke	Defining the role of estrogen and progesterone in the pathology of hormone dependent breast cancers. Molecular pharmacology of nuclear receptors.
Murphy, Susan, PhD	Associate Professor	Obstetrics and Gynecology-Gynecologic Oncology; Pathology, Duke	Epigenetics of gynecology, cancers; early origins of disease
Myers, Evan, MD, MPH	Professor	Obstetrics and Gynecology-Clinical and Epidemiological Research, Duke	Epidemiological methods; mathematical modeling and decision analysis, applied to problems in women's health

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Ostbye, Truls, MD, MPH, MBA, PhD, FFPH(UK)	Professor	Community and Family Medicine; Research Professor, Duke Global Health Institute (DGHI), Duke	Public Health; epidemiology of obesity, aging and health services
Prvu-Bettger, Janet, DSc	Associate Professor	Director of Duke Roybal Center for Translational Research in the Behavioral and Social Sciences of Aging	Focus on establishing real world evidence aimed to improve health care quality and policies that reduce the burden of disease and disability
Ramanujam, Nimmi, PhD	Professor	Biomedical Engineering; Pharmacology & Cancer Biology; Research Professor of Global Health; Director, Global Women's Health Technologies Center, Duke	Biophotonics, Tissue Optical Spectroscopy; Cancer screening, intra-operative margin assessment, visualizing tumor hypoxia and metabolism in the context of cancer therapy and drug discovery; multi-disciplinary effort to translate these technologies to clinical applications in the breast, and cervix
Rockman, Howard, MD	Professor	Medicine-Cardiology; Cell Biology; Molecular Genetics, Duke	Molecular mechanisms of cardiac hypertrophy and heart failure; G protein-coupled receptors
Secord, Angeles, MD, MHSc	Professor	Obstetrics and Gynecology, Duke	Translational focus; angiogenesis, molecular signatures, clinical trial development, and ovarian cancer
Svetkey, Laura, MD, MHS	Professor	Medicine-Nephrology; Vice Chair for Faculty Development and Diversity, Dept. of Medicine; Director of Clinical Research, Sarah W. Stedman Nutrition and Metabolism Center, Duke	Prevention, treatment and control of hypertension, obesity and other cardiovascular risk factors, with attention to non-pharmacologic intervention in under-represented minorities
Taylor, Darlene	Professor	Chemistry and Biochemistry, NCCU	Structure-property relationships in oligomers and polymers
Valdivia, Raphael, PhD	Professor	Molecular Genetics & Microbiology; Duke; Vice Dean for Basic Science, Duke	Microbiology and Host Pathogen Interactions, Chlamydia infections

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Visco, Anthony, MD	Professor & Chief	Obstetrics and Gynecology- Urogynecology and Reconstructive Pelvic Surgery, Duke	Outcomes for surgical and non-surgical treatments of urinary incontinence and pelvic organ prolapse
Weinhold, Kent J, PhD	Professor & Chief	Surgery-Surgical Sciences; Immunology; Pathology; Director, Duke Center for AIDS Research (CFAR), Duke	Predictive Immune Signatures; Host cellular immune responses role in prevention and control of infectious and neoplastic diseases; immunologic biomarkers
Williams, Kevin, PhD	Professor	Pharmaceutical Sciences, NCCU	Drug Discovery for Cancer; Fetal Alcohol Spectrum Disorder
Zheng, Weifan, PhD	Associate Professor	Pharmaceutical Sciences, NCCU	Development and application of computational tools for drug discovery. Computer- aided drug design, informatics