

BIRCWH Mentors

Name/Degree(s)	Rank / Title	Appointment(s)	Research Interest
Bales, Connie, PhD, RD	Professor	Medicine-Geriatrics; Associate Director for Education/Evaluation of the Geriatrics Research, Education and Clinical Center at the Durham VA Medical Center, Duke	Interaction of nutrition with human health, disease and functional status in middle- aged and older adults
Bennet, Gary G, 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
Chen, Xiaoxin L, MD, PhD	Professor	Biological and Biomedical Sciences; Cancer Biology; NCCU	Mechanism and prevention of oral and esophageal cancer
Cole, Gregory J, PhD	Professor & Chair	Biological & Biomedical Sciences; Director, Neuroscience Research Program, Julius L. Chambers Biomedical/Biotechnology Research Institute (BBRI), NCCU	Development neurobiology; effects of ethanol exposure on central nervous system development
Dewhirst, Mark, DVM, PhD	Professor	Radiation Oncology-Cancer Biology; Biomedical Engineering; Pathology; Vice Director for Basic Science in the Duke Cancer Institute; Associate Dean for Faculty Mentoring, Duke	Cancer Hypoxia. Tumor Angiogenesis. Translation of concepts in the laboratory to clinical testing

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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
Hwang, Shelley, MD, MPH	Professor & Chief	Surgery-Advanced Oncologic and Gastrointestinal Surgery-Breast Surgical Oncology; Radiology; Vice Chair of Research, Dept. of Surgery, Duke	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
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, Duke	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.
Moorman, Patricia, PhD, MSPH	Professor	Community and Family Medicine, Duke	Women's health issues and racial differences in risk factors and outcomes. Epidemiology of women's health
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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Oddone, Eugene, MD, MHSc	Professor	Medicine-General Internal Medicine; Director of the Center for Health Services Research in Primary Care, Veterans Affairs Medical Center (VAMC); Director of the Clinical Research Training Program, Duke	Health services research; Evaluation of the effectiveness and delivery of primary care, hypertension; assessing the reasons for racial disparities in use and outcomes of health care
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
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
Richardson, Ricardo, PhD	Professor	Biological and Biomedical Sciences; Director Cancer Research Program, JLC/Biotechnology Research Institute (BBRI), NCCU	Cancer Biology, Chemokine-mediated leukocyte functions, Chemo-attractants, chemokine receptors
Rockman, Howard, MD	Professor	Medicine-Cardiology; Cell Biology; Molecular Genetics, Duke	Molecular mechanisms of cardiac hypertrophy and heart failure; G protein-coupled receptors
Sexton, Jonathan, PhD	Associate Professor	Pharmaceutical Sciences, NCCU	Drug discovery and development for Type II Diabetes and Obesity
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
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