

# PhD Faculty Research Interests

<b>Cindy Anderson*</b>	studying hypertension in pregnancy and epigenomic markers of heritable and future development of hypertension after preeclampsia
<b>Michele Balas*</b>	developing and testing nurse-led, interprofessional interventions to reduce delirium in critically older adults and in long term acute care
<b>Susie Breitenstein*</b>	developing and testing interventions to improve social and emotional outcomes for families of young children; use of community health workers
<b>Mei Wei Chang*</b>	testing theory-based, culturally sensitive interventions for obesity prevention among low-income overweight and obese young mothers
<b>Sonia Duffy*</b>	studying behavior change interventions for cancer patients, veterans, and blue-collar workers; RCTs, implementation science, big data
<b>Jodi Ford*</b>	Investigating social environment, chronic physiologic stress and physical and mental health in the transition from adolescence to young adulthood
<b>Christine Fortney</b>	studying palliative/end-of-life care in infants, examining infant symptoms and associations with parent decision-making, coping, and distress
<b>Shannon Gillespie</b>	developing and clinically validating biologically-informed screening tools to predict and prevent complications of pregnancy
<b>Margaret Graham*</b>	increasing interprofessional team health care delivery for better outcomes among minority and underserved people
<b>Mary Beth Happ*</b>	developing and testing interventions to help seriously ill patients and their families communicate needs, symptoms, and other messages
<b>Tondi Harrison*</b>	developing and testing interventions to moderate the adverse effects of early hospitalization on neonates and young infants
<b>Kayla Herbell</b>	studying psychosocial and mental health needs of families of youth with serious mental illness or behavioral issues; developing interventions
<b>Jie Hu*</b>	developing and testing family-based, culturally tailored diabetes self-management interventions for minority populations
<b>Jennifer Kue*</b>	understanding and addressing cancer health disparities, cancer screening, and survivorship, specifically among refugee and immigrant communities
<b>Tim Landers*</b>	studying the transmission of infection between pets and owners and how to prevent infection in hospital settings with proper hand hygiene
<b>Jodi McDaniel*</b>	determining effects of omega-3 fatty acids on inflammation as it relates to chronic wound healing and cognitive function
<b>Bernadette Melnyk*</b>	developing and testing programs to improve coping/mental health outcomes and healthy lifestyle behaviors; implementation science for EBP
<b>Lorraine Mion*</b>	implementation and improvement science related to falls, delirium, and physical restraints, and using technology in older adults
<b>Lisa Militello</b>	exploring digital health behavior change interventions to promote healthy lifestyle behaviors in children and families



<b>Todd Monroe*</b>	examining sex-differences in the neurobiology of pain during in adults with and without Alzheimer's disease or related dementias
<b>Ethan Morgan</b>	studying sexual and gender minority populations, HIV/STIs and other infectious diseases, inflammation, chronic disease, and substance use
<b>Dianne Morrison-Beedy*</b>	HIV/STI/pregnancy; women's and adolescent health; behavioral change and motivationally-based interventions; reducing sexual risk
<b>Karen Moss</b>	studying pain and advanced care planning/decision-making for adults with Alzheimer's disease and family caregivers, especially African Americans
<b>Timiya Nolan</b>	developing and testing age and culturally targeted interventions improving quality of life/health in young African American breast cancer survivors
<b>Tara O'Brien</b>	developing and testing mHealth interventions to improve physical activity adherence in older adults with chronic disease
<b>Donal O'Mathuna*</b>	conducting research on ethical issues in disasters and humanitarian crises, and healthcare provision; conducting Cochrane systematic reviews
<b>Rita Pickler*</b>	studying the care of preterm infants and their families and developmental outcomes for children at high risk for poor outcomes
<b>Karen Rose*</b>	focusing on supporting family caregivers of persons with Alzheimer's disease and related dementias using technology
<b>Laureen Smith*</b>	designing and testing interventions for underserved rural Appalachian adolescents to improve and sustain healthy behaviors
<b>Janna Stephens</b>	improving the health of young adults and reducing their risk for developing cardiovascular disease
<b>Judy Tate*</b>	improving cognitive function and self-care in older adults after hospitalization, ICU family caregivers, symptom management, communication
<b>Susan Thrane</b>	studying integrative interventions for symptom management for children, adolescents, and adults receiving palliative care
<b>Heather Tubbs Cooley*</b>	evaluating outcomes of nursing care delivery in neonatal and pediatric care; system factors and nursing care quality; patient safety; health informatics
<b>Sharon Tucker*</b>	studying behavioral/environmental interventions for physical and mental health among adults and families; implementation models and strategies
<b>Karen Patricia Williams*</b>	translating evidenced-based interventions in community-based and family-focused cancer prevention
<b>Celia Wills*</b>	testing interventions to improve decision-making and health self-care management in adults with chronic conditions; testing virtual simulation
<b>Loren Wold*</b>	studying the effects of environmental triggers on the heart, from the organ to the tissue and cell
<b>Kathy Wright</b>	developing and testing interventions to improve brain health and blood pressure in African American older adults with hypertension

\*May serve as advisors to PhD students. January 2020; RHP

