



Joint PhD Faculty Research Interest

[Acker, Dr. Kristi](#)

- Palliative Care
- Oncology

[Andrabi, Dr. Mudasir](#)

- Cardiovascular Health
- Neuro-rehabilitation
- Health Education & Promotion

[Appel, Dr. Susan](#)

- Health Disparities
 - Cardiometabolic Risk among Premenopausal Caucasian and African-American women
 - Genetics and Genetic Admixture r/t CVD (Inflammation and Dysfibrinolysis)
 - Telehealth
 - Diabetes Education for Patients and Healthcare Professionals
- Clinical Interests
 - Women's Health
 - Health Disparities
 - Cardiovascular Disease Prevention
 - Cardiometabolic Risk, Metabolic Syndrome and Pre-diabetes
 - Telehealth
 - Diabetes Education for Patients and Healthcare Professionals
 - The role of the Nurse Practitioner in acute and episodic care
 - Acute and episodic health issues

[Barron, Dr. Kerri](#)

- Management and prevention of cardiovascular disease through physical activity in the underserved population
- Cardiovascular disease management and prevention in underserved populations

[Bartlett, Dr. Robin](#)

- Understanding & prevention of risky behaviors, primarily among minority youth
- Health disparities
- Parenting
- Interdisciplinary research
- Secondary analyses of large datasets
- Community-based participatory research



Bruns, Dr. Debra

- International health promotion
- Community health promotion
- Organ donation.

Callihan, Dr. Mike

- Emergency medicine
- Occupational Health and Safety
 - Biomechanical analysis of moving and lifting activities
 - Interventional activities to improve upon nursing lifts
 - Wellness of emergency nursing
 - PTSD among emergency workers
 - Total health of nurses- diet and exercise in a busy lifestyle
- Community health and wellness in rural Alabama
 - Fitness with a busy lifestyle
 - Healthy eating in a food desert

Carter, Dr. Melondie

- Worksite wellness in industries and university settings
- Predictors of nursing student success
- Health Promotion

Carter, Dr. Pat

- Sleep quality in cancer and dementia patient populations and their family caregivers
- Adult Health
- Chronic Illnesses

Carter-Templeton, Dr. Heather

- Informatics
- Information literacy
- Evidence-based practice

Cheshire, Dr. Michelle

- Emotional Intelligence in Nursing Education
- RN to BSN Education Strategies
- Undergraduate Student Success

Cody, Dr. Shameka

- Impact of racial and sleep health disparities on antiretroviral adherence among older adults with HIV



Collins-Yonder, Dr. Angela

- Neuroendovascular Therapies in Stroke
- Neurocritical Care Interventions
- Novel Drug Therapies
- Monoclonal Antibodies
- Post procedural care
- Critical Care pharmacology
- Concussions and Anesthesia
- Platelets in Stroke

Cuellar, Dr. Norma

- Cultural Diversity
- Leadership
- Gerontology
- Restless Leg Syndrome
- Sleep
- Complementary and Alternative Care

Eyer, Dr. Joshua

- Best practices in integrated care
- Mental health care for transgender and gender nonconforming people
- Sexual and gender minority health in Alabama
- Intrinsic motivation and behavior change

Ford, Dr. Cassandra

- Cardiovascular Disease in rural, southern African American women focusing on older adults as well as health disparities in rural populations

Graves, Dr. Ann

- Primary and secondary prevention of cardiovascular disease and cardio metabolic risk reduction
- Rural health disparities and geographical access
- Evidence-based nursing practice
- Geographical information system (GIS)

Hines, Dr. Cheryl

- Educational strategies to support teaching and learning related to clinical judgment and the care of the complex client
- Critical Care nursing
- Anesthesia/Analgesia
- Pharmacology



Hobbs, Dr. Jill

- Educational strategies to support the best practices in teaching and learning
- Prevention of sexually transmitted infections in the college age population

Hooper, Dr. Gwen

- Urologic diseases
- Aging and Health Disparities
- Minority Health and Health Equity
- Health Related Quality of Life
- Cancer Survivorship
- Men's Health

Johnson, Dr. Paige

- Health Promotion and wellness across the lifespan
- Childhood obesity
- Cardiovascular health
- Metabolic syndrome
- Innovative teaching strategies

Kaylor, Dr. Sara

- Innovations in teaching
- Learning, and curricula design
- Role that health and wellness behaviors play in promoting healthy living, learning, and work environments

Key, Dr. Betty

- Teaching and learning strategies in nursing education
- Cardiovascular health promotion education in underserved populations

Lippe, Dr. Megan

- Palliative and end-of-life care education
- Simulation
- Social Justice
- Instrument Development

Mancus, Dr. Gibran

- GeoHealth and Geographic Information Systems (GIS)
- Salivary Hormones and Resilience
- Violence, Trauma and the Stress Response
- Climate Health and Sustainability
- Built and Social Environmental Factors of Health



Montgomery, Dr. Michele

- Health disparities in rural and underserved populations
- Childhood obesity
- Diabetes
- Cardiovascular risk factors
- Childhood Cancer Survivorship

Mumba, Dr. Mercy

- Substance abuse among nurses and their psychosocial wellbeing
- Self-efficacy and functional status in older adults and how these relate to healthy aging and wellness
- Opioid use disorder research; behavioral health; mental health
- Health disparities and minority research
- Randomized clinical trials; effectiveness implementation trials; health care utilizations studies
- substance use prevention, treatment and management

Oliver, Dr. JoAnn

- Cancer health disparities
- Education, Screening, Decision-making, and social support
- Rural and Underserved populations – Access to Care and Health Literacy
- Patient - Healthcare provider communication

Owings, Dr. Becky

- Transition to practice issues for senior nursing students and newly graduated registered nurses
- Improving care for critically ill clients

Prevost, Dr. Suzanne

- Evidence-based practice
- Improving end-of-life care in nursing homes
- Increasing the use of technology in nursing education

Sartain, Dr. Andrea

- Educational pedagogies to improve student learning outcomes
- Simulation as a learning tool
- Leadership and management in baccalaureate nursing education



Smith, Dr. Todd

- Rural health care delivery systems
- Leadership
- Health care administration
- Health education
- Telemedicine
- Medical group practices

Strickland, Dr. Haley

- Human patient simulation
- Nursing student outcomes
- Innovative teaching strategies in nursing education

Townsend, Dr. Haley

- Preventative women's health, in particular STI prevention and education
- Behaviors related to risky sex among youth
- Innovative technologies to deliver effective education to parents and youth regarding sexual health
- HPV vaccine uptake
- Nursing student confidence in counseling clients regarding sexual health

Wadas, Dr. Theresa

- Health disparities
- Cardiovascular Health and disease across the life span
- Stress and disease
- Psychosocial factors that affect health and disease
- Genomics

Wedgeworth, Dr. Monika

- Behavioral health integration into healthcare teams
- Opioid response
- Student mental health
- Mental health education
- General Nursing Education

Welch, Dr. Theresa

- Nursing Administration
- Leadership competency development and fiscal resource management in healthcare



Capstone College of
Nursing

Joint Nursing Science PhD Program



Wood, Dr. Felecia

- Promotion of chronic disease self-management, specifically health literacy, in disparate populations. **This includes** disparate populations, particularly rural dwellers, health literacy, chronic disease self-management particularly type 2 diabetes.