Graduate 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

**Beasley, Dr. Amy**
- Pain and symptom management at the end of life
- Rural community healthcare access
- Palliative and hospice care
• Access to care for serious illness

**Brown, Dr. Whitnee**
- Telemedicine
- Informatics
- Rural Healthcare
- Healthcare Policy
- Nurse Practitioner Entrepreneurship
- Minority Healthcare
- Addiction and Opioid Management

**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)

Gunter, Dr. Joshua
• Data Science
• Informatics
• Healthcare Administration

**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

**Lawson, Dr. Robin**
• Advanced nursing education
• Improving access to care in rural and underserved areas
• Improving cardiovascular disease risk factors in women

Lee, Dr. Amy
• Family planning
• Gynecologic emergencies
• Violence against women.

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

Martin, Dr. Rebecca
• Health promotion and health education
• Health disparities in rural, under-served communities.

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

Parker, Dr. Kim
• Mental health and leadership development

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

Scott, Dr. Letisha
• Decreasing health disparities in disadvantaged populations

Simmons, Dr. Staci
• Improving nurses’ professional wellbeing through self-care and mindfulness
• Pediatrics
• Congenial Heart Disease
• Quality Improvement

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
Tice, Dr. Johnny
- Psychiatric Mental Health
- Cardiac/Telemetry
- Neonatal ICU

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

Wilson, Dr. Kimberly
- Family practice
- Obesity management
- Complementary and alternative medicine
- FNP preceptorship

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.