

# OUR FACULTY

2022-23



**MIRIAM BENDER | PHD, RN, FAAN**

**Research Interests:** Clinical leadership, Healthcare processes and outcomes, Care quality and safety, Nursing care models, Nursing philosophy.

**Areas of Expertise:** Organization of healthcare delivery, Multiprofessional care delivery dynamics, Philosophical and methodological approaches to conceptualizing and operationalizing health and healthcare.

**Key Areas of Focus:** 3, 4



**NAKIA BEST | PHD, RN**

**Research Interests:** Use of data to identify impact of school nursing health services on student health and education outcomes, Using information technology to improve nursing practice.

**Areas of Expertise:** School nurse practice, School health, Student outcomes, Informatics.

**Key Areas of Focus:** 2, 4, 5, 6



**DAWN BOUNDS | PHD, PMHNP-BC**

**Research Interests:** Marginalized youth, Adolescence, Risk, Resilience, Commercial sexual exploitation, Social media, Mental health, Integrative health, Wearable and biofeedback technology.

**Areas of Expertise:** Youth and adolescence, Risk, Resilience, Commercial sexual exploitation, Social media, Mental health, Integrative health.

**Key Areas of Focus:** 2, 6



**CANDACE BURTON | PHD, RN, AFN-BC, AGN-BC, FNAP**

**Research Interests:** Impact of COVID-19 on the nursing workforce, Cultural norms regarding intimate partner violence and sexual assault, Role of social media in social justice work, Trauma-informed care in nursing education and beyond, Impact of stress and trauma on health.

**Areas of Expertise:** Violence and abuse, Trauma, Women's health, Reproductive and sexual health, Health disparities, Cellular impact of stress and trauma, Bio-behavioral research.

**Key Areas of Focus:** 2, 3, 6



**MICHELLE FORTIER | PHD**

**Research Interests:** Pediatric pain, Pediatric oncology, Healthcare disparities, mHealth (mobile health).

**Areas of Expertise:** Pediatric pain and symptom management, Quality of life, mHealth, Healthcare disparities, Family-centered care, Psychosocial oncology, Community engagement.

**Key Areas of Focus:** 1, 2, 5, 6



**YUQING GUO | PHD, RN**

**Research Interests:** Maternal and infant health, Child mental health, Emotion regulation, Attachment, Parenting, Health disparities

**Areas of Expertise:** Ecological factors on infant and young child development, Personal health on birth outcomes, Women's mental health.

**Key Areas of Focus:** 1, 2, 5, 6

## KEY AREAS OF FOCUS

1

Integrative Health & Wellness

3

Philosophical & Theoretical Foundations in Nursing

5

Digital Technology & Health

2

Community Health

4

Health Services & Practice

6

Health Disparities & Diversity

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## E. ALISON HOLMAN | PHD, APRN, FNP, FAAN

**Research Interests:** Acute stress and cardiovascular disease, Genetic vulnerability to stress-related mental/physical health problems, Cognitive, social and emotional response to trauma.

**Areas of Expertise:** Health consequences of individual/community trauma, Acute and post-traumatic stress, Genetic vulnerability to stress-related cardiovascular disease, Intergenerational transmission of trauma and health, Resilience, Media exposure to collective trauma.

**Key Areas of Focus:** 2, 6

## JUNG-AH LEE | PHD, RN, FAAN

**Research Interests:** Health technology for older adult care, including dementia caregivers, Integrative health, Transition care, Venous thromboembolism, Anticoagulation therapy, Patient safety, Clinical and systems outcomes, Cost-effectiveness.

**Areas of Expertise:** Health technology for self-management, Cost-effectiveness in healthcare, Patient safety, Clinical and healthcare systems outcomes, Implementation of evidence-based clinical guidelines, Venous thromboembolism.

**Key Areas of Focus:** 1, 2, 4, 5, 6

## ADEY NYAMATHI | PHD, ANP, FAAN

**Research Interests:** HIV/AIDS, Tuberculosis, Hepatitis, Vulnerable populations, including previously incarcerated homeless, rural women of India and gay/bisexual youth.

**Areas of Expertise:** Health promotion, Coping and adjustment to illness, Nursing/community health worker models to reduce risk for HIV/AIDS, TB, HBV and HCV with vulnerable homeless and drug-addicted adults and youth, Rural women living with HIV/AIDS in India.

**Key Areas of Focus:** 1, 2, 6

## JUNG IN PARK | PHD, RN

**Research Interests:** Biomedical informatics, Health data science, Machine learning.

**Areas of Expertise:** Large health data analytics using machine learning, Comparative effectiveness research for patient outcomes, Hospital-acquired infections.

**Key Areas of Focus:** 2, 4, 5, 6

## MELISSA PINTO | PHD, RN, FSAHM, FAAN

**Research Interests:** Long COVID, mHealth (mobile health), Mental health, Depression, Cognition, Adolescents.

**Areas of Expertise:** Adolescent and young adult mental health, Mental health self-management, Community-based interventions, mHealth, Resilience, Self-compassion, Mindfulness-based interventions, Cognition.

**Key Areas of Focus:** 1, 2, 5, 6

## AMIR RAHMANI | PHD

**Research Interests:** eHealth, Wearable Internet-of-Things, Healthcare/nursing informatics, Embedded systems.

**Areas of Expertise:** eHealth and mobile health, Health informatics, Big health data analytics, Smart and connected mental and physical health, Smart and connected communities, Applied machine learning, Ubiquitous, wearable, and invisible computing, Remote monitoring and intervention, Bio-signal processing, Emotion and activity recognition.

**Key Areas of Focus:** 1, 2, 4, 5, 6

## SANGHYUK SHIN | PHD

**Research Interests:** Infectious disease epidemiology, Drug-resistant tuberculosis, HIV, Co-infection, Molecular diagnostics, Community-based intervention trials, Molecular epidemiology, Social determinants.

**Areas of Expertise:** Epidemiology, Biostatistics, Research design, Molecular diagnostics, Public health, Infectious diseases, Tuberculosis, HIV, Global health, Evaluation of community-based interventions.

**Key Areas of Focus:** 1, 2, 6

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