Nursing Science

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Research

Deborah Birk, PhD, RN, MHA, NEA-BC, is the Director of the Health Systems and Population Health Leadership concentration in the DNP program and Assistant Professor at Goldfarb School of Nursing. Dr. Birk’s program of research involves executive nursing leadership and quality of nurse leaders in health systems.

Research interests: Executive nursing leadership, health systems, population health, health policy, women’s health, nursing curriculum, evidence-based practice, quality improvement in healthcare, and emotional intelligence and resilience in healthcare leaders

Maryann Bozzette, PhD, RN, CLC, is an Associate Professor at Goldfarb School of Nursing. Dr. Bozzette’s program of research is focused on the perceptual and social development of premature infants, developmentally supportive care, and parent-infant interaction.

Research interests: Sensory interventions for premature infants, biomedical measures, observational research, attachment, breastfeeding high-risk infants, and early communication behaviors of premature infants

Mary Curtis, PhD, DNP, RN, is the Director of the Adult Gerontology Primary Care Nurse Practitioner concentration in the MSN program and Professor at Goldfarb School of Nursing. Dr. Curtis is a certified adult and family care nurse practitioner whose clinical practice focuses on adult primary care with an emphasis on end-of-life, palliative, and hospice care.

Research interests: Injury prevention interventions, quality, safety, end-of-life care, health promotion, and action research/scholarship of teaching and learning

Sarah Farabi PhD, RN, is an Assistant Professor at Goldfarb School of Nursing. Dr. Farabi’s program of research is focused on understanding the biobehavioral mechanisms underlying obesity. She has a particular interest in the influence of diet and sleep on metabolic disturbances.

Research interests: Obesity, diet, sleep, diabetes, nurse-led interventions, and pregnancy

Judy Frain, PhD, RN, is an Associate Professor at Goldfarb School of Nursing. Dr. Frain’s program of research is focused on improving quality of life in older adults, with an emphasis on those living with HIV.

Research interests: Symptom science, self-management of chronic disease, quality of life, and examining the intersection of aging and chronic disease

Bernadette Henrichs, PhD, CRNA, CCRN, CHSE, is the Interim Director of the PhD in Nursing Science program, the Director of the Nurse Certified Registered Nurse Anesthetist (CRNA) concentration in the DNP program, and Professor at Goldfarb School of Nursing. Dr. Henrichs’ research is focused on improving patient safety in surgical patients, including the management of life-threatening emergencies that may occur in the anesthetized patient and decreasing postoperative morbidity and mortality. Dr. Henrichs also conducts research using simulation to improve graduate-level teaching.

Research interests: Patient safety in the surgical patient, life-threatening emergencies in the anesthetized patient, morbidity and mortality in surgical patients, simulation in teaching, civility in the operating room, and patient handoffs

Heidi Holtz PhD, RN, is an Assistant Professor at Goldfarb School of Nursing. Dr. Holtz was a research fellow at Johns Hopkins Berman Institute of Bioethics. Dr. Holtz’s program of research focuses on nursing students’ experiences and the consequences of faculty incivility, with a special interest in researching the construct of moral resilience and applying that research to develop innovative approaches to foster moral resilience in healthcare environments.

Research interests: Civility in nursing, moral resilience among healthcare professionals, and burnout among healthcare professionals

James R. Kennett, PhD, RN, is an Assistant Professor at Goldfarb School of Nursing. Dr. Kennett’s program of research is focused on living with chronic illness and improving healthcare outcomes.

Research interests: Theory development, chronic illness, the patient/provider relationship, collaborative research, engineering principles used in healthcare, communication patterning, behavior patterning, and the application of intermodernism

Pamela Newland, PhD, RN, CMSRN, is an Associate Professor at Goldfarb School of Nursing. Dr. Newland is a nurse scientist with expertise in symptom science and self-management in persons with disabilities and chronic conditions.
**Research interests:** Designing self-management interventions, validating patient-reported outcome measures, shared decision making, examining biobehavioral and quality improvement, promoting health and well-being, mobile health technology, and mixed methods

**MaryAnn Niemeyer PhD, MSN, RN-BC,** is an Assistant Professor at Goldfarb School of Nursing. Dr. Niemeyer’s program of research investigates the improvement of safety and quality of nursing practice and health care. She is also interested in simulation research for the improvement of nursing practice, especially regarding practice and decision making.

**Research interests:** Healthcare simulation research, failure to rescue research, nursing care handoffs, medical errors, clinical outcomes, and principles and techniques to promote patient health, communication, safety, comfort, and care quality

**Amy Piontek, PhD, RN, CHES,** is an Assistant Professor at Goldfarb School of Nursing. Dr. Piontek’s program of research is on the improvement of patient and caregiver self-efficacy in managing end-of-life symptoms through education and early referral to palliative and hospice programs.

**Research interests:** Creating effective virtual and simulation learning environments for nursing students, exploring technology to improve student engagement, and designing outreach platforms for health educators to educate the general population about end-of-life and palliative care options

**Dominic Reeds, MD,** is the Associate Dean for Research at Goldfarb School of Nursing and the Associate Director of Washington University’s Nutrition and Obesity Research Center and Center for Diabetes Translation Research. He is a Professor in the Geriatrics and Nutritional Science Division at Washington University School of Medicine, and he is Director of the Barnes-Jewish Hospital Nutrition Support Service. Dr. Reeds is Director of Washington University’s KL2 program and Co-Director of the Master of Science in Clinical Investigation. His research focuses on the pathogenesis of HIV-associated diabetes and obesity.

**Research interests:** Clinical nutrition; diabetes and metabolism; prevention, pathogenesis, and management of cardiometabolic risk factors, including obesity, hypertension, and HIV; and nurse-led implementation science programs for the management of hypertension and diabetes

**Nancy Ridenour, PhD, APRN, FAAN,** is the President of Goldfarb School of Nursing. Dr. Ridenour’s program of research is focused on increasing health equity using health policy, population health and primary care.

**Research interests:** Advanced practice nursing, access and quality in primary care, underserved populations, global health, and health policy

**Judy Smith PhD, RN, GCNS-BC,** is the Assistant Dean of the Bachelor of Science in Nursing Program at Goldfarb School of Nursing. Dr. Smith’s program of applied research addresses adults who are impacted by aging and its accompanying losses utilizing a biopsychosocial approach.

**Research interests:** Loneliness, dementia, and delirium and how these common geriatric syndromes impact the holistic health of older adults

**Po-Yin Yen, PhD, RN,** is an Associate Professor at Goldfarb School of Nursing and an Associate Professor of Medicine in the Division of General Medical Sciences at Washington University School of Medicine. Dr. Yen’s program of research is focused on applied clinical informatics research to promote a user-friendly health IT environment for clinicians and patients.

**Research interests:** Clinical informatics, usability, technology acceptance, human-computer interaction, user-centered design, mixed methods, literature mining, data visualization, workflow analysis, and time and motion study