

# 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 Doctor of Nursing Practice 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 health care, and emotional intelligence and resilience in health-care leaders

**Maryann Bozette, PhD, RN, CLC**, is an Associate Professor at Goldfarb School of Nursing. Dr. Bozette'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 Master of Science in Nursing program and a 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 the Director of the PhD in Nursing Science program and 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

**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 health-care environments.

*Research interests:* Civility in nursing, moral resilience among health-care professionals, and burnout among health-care 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 health-care outcomes.

*Research interests:* Theory development, chronic illness, the patient/provider relationship, collaborative research, engineering principles used in health care, 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:* Health-care 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.

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*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

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**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

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**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

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**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

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**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 information technology 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

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