



THE UNIVERSITY OF BRITISH COLUMBIA

School of Nursing

Faculty of Applied Science

# The complexity and possibilities of digital technologies in health care



**Dr. Fatawu Abdulai** (he/him) is an Assistant Professor in the UBC School of Nursing who conducts research on health informatics, human-computer interaction and health technology design. His program of research seeks to explore how principles of human-computer interaction and trauma-informed care approaches can be leveraged to address inequities in sexual and reproductive health access for marginalized populations. He primarily conducts informatics-related research on endometriosis-associated sexual pains, sexually transmitted infections, and sexual health-related stigma.



**Lori Block** (she/her) is a PhD candidate at UBC School of Nursing, focusing on Nursing Knowledge Representation in Computerized Ontologies and Terminologies. Lori is also a member of the Vancouver Coastal Health Clinical Informatics-Community team, where she leads the implementation, development and support of an electronic wound documentation system. Her professional contributions aim to enhance patient care and advance nursing representation in emerging clinical technologies.



**Dr. Kristen Haase** (she/her) is an Assistant Professor in the UBC School of Nursing and MSHRBC Scholar whose program of research focuses on supporting older adults and their caregivers with cancer and chronic illness. Her research uses patient and community engaged approaches to highlight the unique and often complex needs of older adults with cancer and their caregivers when managing the acute and long-term complications of cancer treatment. Dr. Haase uses qualitative, quantitative and mixed methods research strategies to create research with the potential to inform changes in care delivery and inform future research directions. She is co-designing digital tools with older adults whose preferences and needs have historically been under-considered in the digital space.



**Dr. Rae Walker** (they/them) is an Associate Professor, Fellow of the American Academy of Nursing, and the only nurse Invention Ambassador for the American Association for the Advancement of Science. They direct the Nursing PhD Program at the University of Massachusetts Amherst and co-founded Health Tech for the People, a multidisciplinary research group focused on tech ethics and accountable design. Following service in the U.S. Peace Corps, they completed their nursing training, PhD, Certificates in Nursing Education and Health Inequities, and a Postdoctoral Fellowship at Johns Hopkins University in Baltimore. They teach courses on data narratives, measurement, and power, and their scholarship focuses on community-directed health innovation and digital defense against technologies and data regimes that cause harm. In 2021 they were awarded UMass Amherst's Distinguished Teaching Award. Their advocacy for nurse-led innovation, design justice and more inclusive invention ecosystems has been featured on podcasts, the TEDx stage, and in magazines such as Forbes, Scientific American, Science and on NPR.

## MODERATOR:



**Dr. Vicky Bungay** (she/her) is a Professor, Director of the Capacity Research Unit, and Associate Director of Research and Teaching Scholarship in the UBC School of Nursing. She holds a Canada Research Chair in Gender, Equity and Community Engagement. Dr. Bungay's research focuses on addressing inequities that negatively affect people's health and well-being including the devastating effects of stigma, discrimination, and violence. She explores how research partnerships can positively impact communities that are excluded in health and social policy; programming that affects their lives; and how community-based interventions support real world evidence.

