



Dr. Lund is an Associate Professor of Epidemiology at the University of North Carolina at Chapel Hill (UNC) and the Director of Data Strategy and Education for the Cancer Information and Population Health Resource within the UNC Lineberger Comprehensive Cancer Center. She conducts epidemiologic and health services research with applications to older adults and individuals diagnosed with cancer. Funded by the Patient-Centered Outcomes Research Institute, the National Institute on Aging, the National Cancer Institute, and the American Cancer Society, her research program aims to generate robust evidence on the use and effectiveness of medical interventions that will inform decisions made by patients, their caregivers, healthcare providers, and policymakers. Together with multidisciplinary collaborators and a team of PhD and post-doctoral trainees, her team leverages clinical trials, disease registries, administrative databases, electronic health records, data linkages, and advanced

epidemiologic methods to conduct research investigating: (1) the delivery of high-quality care and (2) the effectiveness and safety of alternative treatment options, resulting in more than 170 peer-reviewed publications. Dr. Lund serves on the Board of Directors for the International Society for Pharmacoepidemiology (ISPE) and is an Associate Editor for the journal, Pharmacoepidemiology and Drug Safety, as well as an Editorial Board member for Epidemiology and the Journal of Geriatric Oncology.

«Extending treatment effects from randomized trials to target populations: Pharmacoepidemiologic approaches and applications»

Randomized trials estimate the average treatment effect within a population of individuals that are eligible, invited, and enrolled in a study. However, decision makers often need evidence that applies to populations beyond those that participated in the trial to inform policies or actions for a different population of individuals – often termed the target population. Emerging methods within the field of epidemiology and causal inference are being developed and applied that combined data from randomized trials with observational data from target populations to enhance the evidence base used to inform decision-making. In this talk, Dr. Lund will provide an overview of the concept of target validity as it relates to decision-making, review some of the methodological approaches currently used to generalize (or transport) estimates of treatment effects from randomized trials to target populations of interest, and discuss several applied examples.

Join the lecture on Thursday, 26th September 2024 at 4:00 pm (CET)

on-site at Mittelstrasse 43, room 320 and on Zoom:

<https://unibe-ch.zoom.us/j/69987794674?pwd=wWgWqNGVFJ940IjjMG60wso5aoz8IM.1>

Meeting ID: 699 8779 4674

Passcode: 608169

Join us for snacks and drinks after the talk for a fantastic networking opportunity with fellow participants and the speaker!