

My research focuses on HIV-1 prevention and the intersection with reproductive health. I have been particularly focused on antiretroviral-based HIV prevention interventions, ART and PrEP, and utilizing a variety of methods from the fields of clinical epidemiology and implementation science to study their use and delivery. For this work, I collaborate extensively with colleagues in Kenya and Uganda. I am also very engaged in global and local research to understand the place for HIV prevention among people affected by HIV who desire children and how pregnancy can be an opportunity to promote HIV prevention. Additionally, I am involved in multiple epidemiologic studies of hormonal contraceptives and their effect on HIV acquisition and interaction with antiretrovirals used for HIV treatment and prevention. My methodologic toolkit ranges from traditional clinical epidemiology to techniques in causal inference as well as qualitative research.