

## **THE 'LEAP' OF MHEALTH: BRIDGING ACCESS, LINKAGE, AND ENGAGEMENT FOR PREP, HIV AND TB**

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We have the biomedical tools to halt HIV infection, transmission and the leading cause of death for people with HIV disease globally – TB. Yet, we continue to struggle with poor access and limited engagement leading to ongoing infection. This presentation will describe innovative behavioral approaches complemented by the 'leap' afforded through mobile health (mHealth) technologies using ongoing research studies from the United States and South Africa. We will review data from: PrEP Care Anywhere – a telemedicine approach to PrEP for men who have sex with men in Baltimore, MD; HIV Prevention Trials Network (HPTN) 078 – an enhanced case management support intervention for men who have sex with men with a detectable HIV viral load in 4 US cities; and LEAP – an escalating, triggered, community health worker mHealth intervention for TB/HIV co-infected patients in South Africa. Each study applies mHealth technology differently, with diverse behavioral components augmented by the technology to enhance access, linkage, and/or engagement in care. The application of this presentation will help set the stage for the next generation of prevention and treatment cascade studies designed to enhance clinical outcomes.