

STUDENT OPPORTUNITY DESCRIPTION

Interested students may send their resumes and CV describing relevant experience/skills to: Alison Drake, Study PI, and Jenna Udren, Study Senior Research Coordinator: adrake2@uw.edu; jennaiu@uw.edu

Study/Project Name: Mobile WACH Empower

Study/Project Description: Women living with HIV (WLWH) face unique reproductive health (RH) barriers which increase their risks of unmet need for contraception, contraceptive failure, unintended pregnancy, and pregnancy-related morbidity and mortality and may prevent them from achieving their reproductive goals. Patient-centered counseling interventions that support health care workers (HCWs) in providing high-quality RH counseling, tailored to the needs of WLWH, may improve reproductive health outcomes. We are conducting a non-blinded cluster randomized controlled trial (cRCT) of a digital health intervention for WLWH (clinicaltrials.gov #NCT05285670). We will enroll 3,300 WLWH seeking care in 10 HIV care and treatment centers in Nairobi and Western Kenya. WLWH at intervention sites receive the Mobile WACH Empower intervention, a tablet-based RH decision-support counseling tool administered at baseline and SMS support during two years of follow-up. WLWH at control sites receive the standard of care FP counseling. The decision-support tool is a logic-based tool for family planning (FP) counseling that uses branching logic to guide RH questions based on participants' reproductive life plans, tailoring counseling based on the responses. Follow-up SMSs are based in the Information-Motivation-Behavioral (IMB) Skills model of behavioral change and are tailored to participant characteristics and reproductive needs through separate SMS "tracks". Follow-up visits are scheduled quarterly for 2 years to assess plans for pregnancy, pregnancy prevention, and contraceptive use. The primary outcome, FP discontinuation, will be compared using an intent-to-treat analysis. We will also assess the unmet need for FP, dual method use, viral load suppression at conception and unintended pregnancy.

This opportunity: We are specifically seeking a student to conduct modeling of HIV transmission rates in an environment where people are using both ART and contraceptives. Prior experience with disease modeling preferred.

IRB Status: Approved

Study/Project's Funding Status: In year 4 of a 5-year grant. Current funding year ends May 31st,

Student Funding Status: Unpaid

The selected student will join a welcoming team of ~17 staff in Kenya and 3 coordination staff in Seattle.



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Name of supervising faculty contact: Alison Drake

Phone number of contact: 9206) 579-9211

Email address of contact: adrake2@uw.edu; jennaiu@uw.edu

Opportunity ideally suited for: Master's or above

Type of Opportunity:

- ☐ Practicum
- ☒ Thesis
- ☐ Research Assistant
- ☒ Independent Study
- ☒ Other, please describe: research-focused certificate project

Student will support the project in:

- ☐ Developing a study protocol
- ☐ Developing ethical review submission materials
- ☐ Developing and programming data collection tools
- ☒ Conducting data analyses
- ☐ Conducting a systematic or literature review

Approximate duration:

- ☐ Less than a month
- ☐ 1-2 months
- ☐ 3-4 months
- ☒ Over 4 months
- ☐ Ongoing

Expected start date: As needed

Work location: HRC for

Hours per week:

Relevant skills desired:

- ☒ Statistical analysis
- ☒ Epidemiology
- ☐ Operations Research/Implementation Science



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- ☐ Research Planning and Design
- ☐ Monitoring and Evaluation
- ☐ Project Management
- ☐ Public Speaking
- ☐ Data Management
- ☐ Laboratory
- ☐ Clinical
- ☐ Literature Review
- ☒ Writing
- ☐ Other, please describe:



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