

Almost half the world's population lives in countries where, on average, there is one psychiatrist to serve 200,000 or more people

WHO Mental Health Action Plan 2013-2020

We are developing and testing new approaches to reach the 80% of people in need of services who lack access to treatment



Our Bass Connections team is organized around three **core themes**:

EXPANDING ACCESS TO TREATMENT

We are using the task shifting model to train non-specialists in Kenya to deliver mental health treatment

- Created a family therapy called *Tuko Pamoja* to improve adolescent mental health and family functioning
- Developed a treatment for men that addresses problem drinking and family engagement
- Adapting a WHO-endorsed treatment for perinatal depression called *Thinking Healthy*



CREATING APPROPRIATE TECHNOLOGY

We are using Design Thinking methods to create and refine digital tools for delivering therapy and providing clinical supervision in Kenya

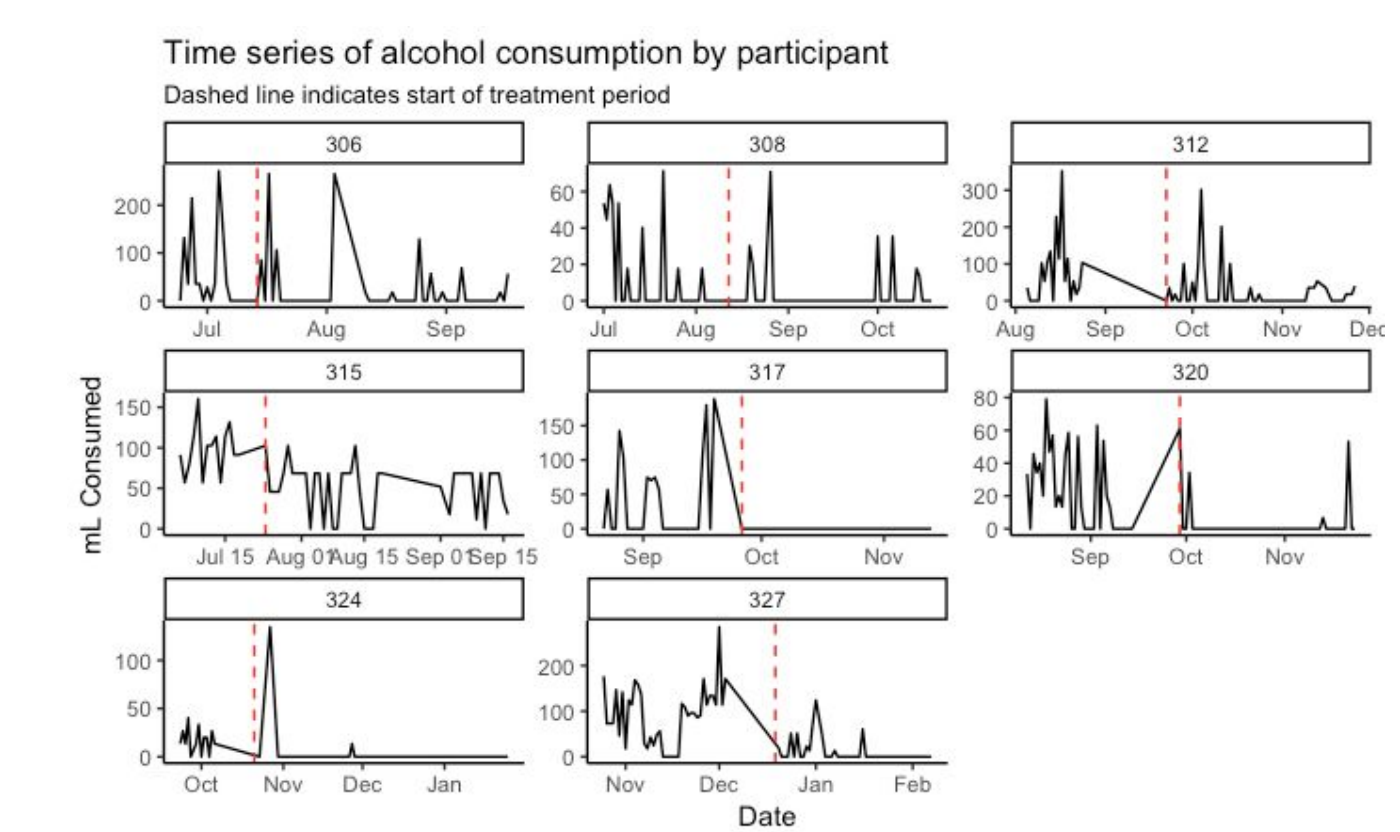
- **REACH:** Developing a mobile application to facilitate remote clinical supervision of lay counselors providing the *Tuko Pamoja* therapy
- **THP+Tess:** Using artificial intelligence platform called Tess (X2AI) and SMS to deliver the *Thinking Healthy* program to pregnant women and new mothers



LEARNING NEW METHODS

We organized several semester-long meetings to prepare teams for upcoming work and write-up our findings

- "I Eat Data Science for Breakfast", a 10-session workshop using R, Fall 2017
- Qualitative analysis workshop, Fall 2017
- Single case experimental design discussion series, Spring 2018
- Writing workshop, Spring 2018



Our team includes learners at all levels. Here are three student highlights:



Ali Giusto (Doctoral Student)

Ali developed an alcohol intervention for men and ran a pilot trial in Kenya with the help of the Bass team. She defends her dissertation in May before starting a clinical internship at Columbia.



Puja Patel (MSc, 2nd year)

Puja conducted fieldwork in Eldoret, Kenya on barriers and facilitators to treatment among fathers and families. She's graduating from the MSc program and starting PhD work at UNCG.



Julia Kaufman (Senior)

Julia is graduating with distinction having successfully defended her thesis on how lay counselors integrate cultural and contextual practices into evidence-based treatment.

Duke
UNIVERSITY

BASS
CONNECTIONS
GLOBAL HEALTH

Faculty: Eric Green (Clinical Psychology) & Eve Puffer (Clinical Psychology)

Postdoctoral Scholars: Amy Finnegan (Demography) & Bonnie Kaiser (Anthropology)

Doctoral Students: Ali Giusto (5th year, Clinical Psychology) & Elsa Healy (4th year, Clinical Psychology)

Resident: Tony Pham (Psychiatry)

Master of Science in Global Health: Puja Patel & Arun Augustine (2nd year); Bethany Kuerten & Taylor Wall (1st year)

Undergraduates: Julia Kaufman & Meghana Vagwala (seniors); Anna-Karin Hess, Lulla Kiwinda & Chaya Bhat (juniors); Priya Sridhar (sophomore)