



HARVARD

T.H. CHAN

SCHOOL OF PUBLIC HEALTH



HIV Implementation Training Grant: History and Future Directions

Christopher Sudfeld, PI

Muhammad Bakari Kambi, PI

Wafaie Fawzi, co-PI

Ferdinand Mugusi, co-PI

HIS Program History

- Fogarty International Center of the NIH initially funded 2015-2021, renewed and embarking on Years 6- 10 in 2021-2027
- Collaboration MUHAS, Harvard, AAPH and many partners in HIV response in Tanzania
- Offers short-, medium- and long-term HIV Implementation Science fellowships that support coursework/training at Harvard in Boston with continued support and research funds in Tanzania

HIS Achievements in the First 5 years

9 Postdoctoral and **23** Short-term Fellows

Funded **12** Fellow HIV Research studies

Held **14** short courses that engaged **538** students

Fellows have published **135** academic papers

5 annual HIV research symposia

Launched **MPH** Program in Implementation
Science at MUHAS

New Objectives

Year 6+ (New Program)

- Training a critical mass of **Researchers** to lead independent research programs focused on HIV implementation science questions
- Enhance **PhD level training** in HIV Implementation Science at MUHAS

HIV Areas of Focus



HIV-affected children (including children living with HIV and HIV-exposed uninfected children)

Adolescent HIV

Nutrition, and Non-communicable Diseases (NCDs)

New Training Grant Fellowships in Boston and TZ

	Postdoctoral Fellows (Long-term)	Doctoral Fellows (Medium-term)	Masters Fellows (Short-term)
Total Fellows	5	5	15
Total Duration of Fellowship	2 years	1 year	1 year
Training Duration in Boston	1 year	16 weeks	8 weeks

New Trainees

Postdoc Fellowships

- Dr. Pilly Chillo working on *“Hypertension among People Living with HIV in Southern Tanzania: Exploring the Care Cascade, and Opportunities for Intervention”*
- Proposal being finalized for submission to Ethics Committee

Ph.D. Fellowships

- Received **15** applications for support to PhD fellows -Two will be selected

Summer Training Program @ Harvard Chan

- Application Open
- Please apply! Due *Friday, January 27, 2023*

MUHAS Short Courses in 3 Domains

Programmatic Knowledge

- 1.1 HIV-affected Children
- 1.2 Adolescent HIV
- 1.3 HIV, Nutrition, and Non-communicable Diseases

Advanced Implementation Science Methods

- 2.1 Advanced Implementation Science and Program Evaluation
- 2.2 Qualitative Research in Implementation Science
- 2.3 Health System Strengthening
- 2.4 Improving the Quality of Health Services
- 2.5 Data Science for Implementation Science Research

Career Development

- 3.1 Research Ethics in Implementation Science
- 3.2 Bioethics for Adolescent and Child HIV Research
- 3.3 Scientific Manuscript Development – Conducted January 2023**
- 3.4 Proposal Development

Scientific Manuscript Writing Short Course January 13-18, 2023

- 24 Students with draft manuscripts
- Hands-on support for each manuscript section from 10 faculty
- Collaboration with PCOR NIH
Northwestern U –
MUHAS Training Grant



Implementation Science PhD Program



Develop advanced-level
Implementation Science courses and
Curriculum



Engage faculty from MUHAS School
of Medicine and School of Public
Health and Social Sciences to provide
multidisciplinary training



In line with MUHAS PhD structure,
for eventual approval by the TCU

Acknowledgements to Our Many Partners

Government of The United Republic of Tanzania

Management and Development for Health

NIH Office of AIDS Research

NIH Fogarty International Center

Eunice Kennedy Shriver National Institute of Child Health & Human Development

National Institute of Mental Health

Muhimbili University of Health and Allied Sciences

Harvard T.H. Chan School of Public Health