

Institution: UNC Project
Lilongwe, Malawi
<http://www.med.unc.edu/infdis/malawi>

Contact: Mina Hosseinipour
Clinical Director, UNC Project
Associate Professor, UNC-Chapel Hill
minach@med.unc.edu

LAB RESOURCES

Please describe the laboratory facilities available in your research institute, including the items listed below (if applicable):

<i>Lab space and equipment (general):</i>	7500 sq feet
<i>BSL-2 lab space and equipment:</i>	TB lab only 500 sq feet
<i>BSL-3 lab space and equipment:</i>	Yes- 4 colors
<i>Flow cytometry equipment:</i>	Yes- 4 colors

BIOLOGICAL SPECIMEN REPOSITORY

Please describe the biological specimens stored at your institute:

- Plasma, PBMC, Serum, Whole blood, Dried Blood spots, Semen, Genital secretions

Does your institute have a database of stored samples: Yes

Please provide details on methods for biological specimen storage at your institute (e.g., are Standardized Operating Procedures used?):

- Use LDMS

Please describe the equipment/facilities available for sample storage at your institute, including items listed below (if applicable):

<i>-80C freezers</i>	Yes, 5+
<i>Nitrogen storage tanks</i>	Yes
<i>Dry ice availability</i>	At times
<i>Use of a nitrogen generator</i>	Yes



TRAINING AND EDUCATION

Please describe the training initiatives your institution has in place for individuals prior to working in clinical studies?

- Fogarty International AIDS Training program
- Network Trainings (ACTG, IMPAACT, MTN, CHAVI, HPTN, IPM, MVI)
- Doris Duke Charitable Foundation
- Fogarty International Clinical Scholars and Fellows Program
- GCP (Onsite and CITI)
- HSP (Onsite and CITI)

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What assays/techniques do you excel in at your institute?

- Malaria Diagnostics

What rank are the majority of your trainees? (e.g., approximate numbers of undergraduate students, Masters, PhD, post-doc, MDs)

- 10% Masters, 5% undergraduates, 30% medical students, 20% PhD, 25% MD and post-docs

Do you offer training classes/courses for any of the following?

<i>Grant Writing</i>	Yes
<i>Manuscript/abstract writing</i>	Yes
<i>Computer skills, excel, prism, endnote, word, powerpoint</i>	
<i>Presentation skills</i>	
<i>Epidemiology</i>	Yes
<i>Biostatistics</i>	Yes

Does your institute receive funds to support training initiatives? Yes

Please provide details about the funds your institute receive to support training initiatives.

- Fogarty AITRP
- Doris Duke Charitable Foundation
- Fogarty Clinical Scholars and Fellows Program
- Gilead Clinical Training Program
- Medical Education Partnership initiative (MEPI)/PEPFAR

Does your institution send trainees abroad for additional training? Yes

Please indicate the number of trainees sent abroad per year, the source of funding, the location of training, and the type of training received.

- AITRP - 3
- 1 Post graduate medical training, 1-2 PhD
- Gilead- 1 post graduate medical training per year

What Masters and/or Doctoral programs does your institution offer?

- No programs are directly offered by our institution

COLLABORATIONS

Please list and briefly describe your current collaboration with any African institutions for either research or training purposes:

- College of Medicine in Blantyre
- Lighthouse Trust HIV clinics
- Baylor College of Medicine Pediatric AIDS Initiative, Lilongwe
- Malawi Ministry of Health

Please list and briefly describe your institution's collaborations and/or partnerships with entities outside of Africa (e.g., organizations and networks in the USA, Europe, etc. – including CFARS, NIH clinical trials networks, HPTN, HVTN, AMC, leDEA, USAID, PEPFAR, etc.):

- Elizabeth Glaser Pediatric AIDS Foundation
- St. George University
- USAID
- HPTN MTN CHAVI AACTG IMPAACT IPM MVI
- PEPFAR

CLINICAL COHORTS

Do you have access to existing clinical cohorts in Africa or USA? Yes

Please describe each existing clinical cohort that you have access to, including specifics like “HIV-TB infected HAART naïve adults”, sample size, sample type, sex, age, and whether clinical samples are currently being collected and/or stored (specify which samples):

- PMTCT cohort - Attendees to ANC and Maternity services at Bwaila hospital (100,000+, female plus some male partners), No samples are being stored
- STI cohort - Attendees to KCH STI clinic
- Cancer Registry - 1000+ individuals with cancer at KCH
- Trauma Registry

Are you planning to establish any new clinical cohorts over the next 5 years?
Yes

DATA MANAGEMENT

Please describe the DATA MANAGEMENT FACILITIES available in research institute, including the items listed below (if applicable):

<i>Data management expertise, including staff complement (general):</i>	24 staff
<i>On-site database design, implementation and trouble-shooting:</i>	3 programmers
<i>Details of off-site support (by whom):</i>	
<i>Other:</i>	Internal IT support

BIostatistical SUPPORT

Please describe the BIostatistical SUPPORT available in your research institute, including the items listed below (if applicable):

Biostatistical expertise, including staff complement/composition of PhD and Masters level biostatisticians:

- 2 PhD epidemiologists, 1 MPH epidemiologist. No Biostatisticians.

Specific areas of biostatistical expertise/excellence: Not applicable

Details of off-site support (by whom): UNC-Chapel Hill