HBNU FOGARTY GLOBAL HEALTH TRAINING PROGRAM
FALL 2017

2018 – 2019 APPLICATION NOW OPEN

The application for the next cycle is now available on the HBNU website! Before applying, ensure that you have thoroughly read the application process and have all the required documents for submission ready. To learn more, see the attached flyer or visit the HBNU Website.

Deadline: November 1st 2017

NIH ORIENTATION

The 2017 NIH orientation took place during the week of July 16 at the National Institute of Health in Bethesda, Maryland. During this time the fellows had the great opportunity to meet with their mentors, network with other Fogarty fellows from other consortia, and attend presentations of guest speakers from FIC, NIH and other consortia.

HBNU WEBSITE IS LIVE!

The recently updated HBNU Global Health Training Program website is now live. The new website features information about U.S. and site mentors, bios of current fellows, interactive map and information of international sites, the online application and more. Any mentors that would like to submit an updated bio and photo, please contact Julian Furry (jfurry@hsph.harvard.edu).

HBNU Website: https://sites.sph.harvard.edu/global-health-research-partnership/
INTRODUCING THE 2017 – 2018 FOGARTY FELLOWS

We are pleased to announce the selection of the 2017-2018 Fogarty fellows. As a first for the HBNU consortium, we take great pride in introducing our 14 selected fellows! On the next few pages you will be able to meet each fellow and learn more about their research!

BOTSWANA

**Sikhulile Moyo, PhD, MPH, MSc**

LMIC Fellow

Dr. Moyo will spend his fellowship at the Botswana-Harvard AIDS Institute Partnership (BHP) in Gaborone under the mentorship of Max Essex, DVM, PhD and Simani Gaseitsiwe, PhD. His research will focus on assessing proviral reservoir by ultrasensitive single genome sequencing (uSGS) techniques in HIV infection. Dr. Moyo received his PhD from the Division of Medical Virology at the Stellenbosch University in 2016, where he applied analysis of intrahost viral diversity to estimate recency of HIV infection. He will apply similar techniques to estimate the size of HIV proviral reservoir.

NIGERIA

**Joseph Anejo-Okopi PhD, MBA, MSc**

LMIC Fellow

Dr. Anejo-Okopi will spend his fellowship year at the University of Jos in Jos under the mentorship of Edith N. Okeke, MD and Claudia Hawkins, MD. His research will focus on molecular characterization of hepatitis B virus genotypes, drug resistance mutations and determination of serum microRNA-122 associated with liver cancer among HIV/HBV chronic hepatitis B monoinfected patients in Jos, Nigeria. Dr. Anejo-Okopi received his PhD from the department of Microbiology, Ahmadu Beloo University Zaria, Nigeria in 2013, where he studied HIV subtypes and drug resistance mutations in antiretroviral treatment naive patients. He has worked on Helicobacter pylori in HIV infected adults and children including molecular characterization of Cryptosporidium SPP.

**Oluwakemi Odukoya, MBBS, MPH, MSc**

LMIC Fellow

Dr. Odukoya will spend her fellowship year at the University of Lagos, College of Medicine and the Lagos University Teaching Hospital (LUTH) in Lagos under the mentorship of K. Vish Viswanath, PhD, and Goodarz Dana, MD, ScD. Her research will focus on designing and testing interventions to address adolescent tobacco use in low and middle-income countries, using widely available mobile phone applications. Dr. Odukoya received her medical degree from the College of Medicine, University of Lagos and holds a Master’s degree in Public Health from the same University. She completed her residency training in Public Health in 2010 and holds a fellowship from the prestigious National Post Graduate Medical College. In addition, she is an alumnus of the Johns Hopkins School of Public Health, International Global Tobacco Control Certificate Course. Dr. Odukoya currently holds a full-time faculty position at the College of Medicine, University of Lagos in Nigeria.

HBNU Website: https://sites.sph.harvard.edu/global-health-research-partnership/
Mark Okolo, MBBS, FWACP, MSC
LMIC Fellow
Dr. Okolo will spend his fellowship year at the Jos University Teaching Hospital and the University of Jos in Jos under the mentorship of Claudia Hawkins, MD and Daniel Egah, MBBS, MSc, FMCPath. His research will focus on molecular characterization of agents of Cryptococcal meningitis in HIV-infected and HIV-uninfected patients in Jos, North-Central Nigeria. Dr. Okolo completed his Fellowship from the West African College of Physicians in 2013, where he worked on Molecular detection of Candida albicans isolated from patients with vulvovaginal candidiasis. Dr. Okolo hopes to continue to study the molecular epidemiology of fungal diseases in women and children as a principal investigator.

SOUTH AFRICA

Katherine Antel, MBChb, MMed, FCP
LMIC Fellow
Dr. Antel will spend her fellowship year at the University of Cape Town in South Africa under the mentorship of Gary Maartens, PhD and Matt Fox, DSc, MPH. Her research will focus on investigating the diagnosis and prognostication of HIV-associated Hodgkin’s lymphoma. She will look at CD68+ macrophages as a possible poor prognostic marker in HIV associated lymphoma. She hopes to investigate the reasons for diagnostic delay of lymphoma within a TB endemic area, and investigate the role of new TB diagnostic tests which could decrease the diagnostic delay in Hodgkin’s caused by the use of empiric TB therapy.

Tom Boyles, MD, BM BCh, MA
LMIC Fellow
Dr. Boyles will spend his fellowship year at the University of Cape Town in South Africa under the mentorship of Gary Maartens, PhD and Matthew Fox, DSc, MPH. His research will focus on the diagnosis of tuberculosis in HIV infected patients attending clinics in Cape Town, South Africa; in particular changes in point-of-care CRP as a surrogate marker of disease. Dr. Boyles received his MD on the implications of hepatic steatosis in chronic hepatitis C from Cardiff University in 2008. Since then he has worked as a full-time clinician in both rural and urban settings in South Africa, becoming a subspecialist in Infectious Diseases and HIV Medicine in 2012.

Itai Magodoro, MBBS, MSc
LMIC Fellow
Dr. Magodoro will spend his fellowship year at the University of Cape Town in South Africa under the mentorship of Goodarz Danaei, MD, ScD and Mphiko Ntsekhe, MD, PhD. His research will focus on the burden and mechanisms of left ventricular diastolic dysfunction among young adults with early life HIV infection. Dr. Magodoro received his medical degree from the College of Medicine, Malawi (2011) and completed graduate clinical epidemiology training at Stellenbosch University, South Africa (2016).
**Bongiwe Ndlovu, PhD**  
LMIC Fellow  
Dr. Ndlovu will spend her fellowship year at the Africa Health Research Institute KwaZulu-Natal, in Durban under the mentorship of Thumbi Ndung’u, BVM, PhD, and Bruce Walker, MD. Her research will focus on characterization of humoral immune responses in HIV-1 Subtype C infection. Dr. Ndlovu received her PhD from the HIV Pathogenesis Program at the University of Kwa-Zulu-Natal in 2017, where she studied the development of neutralizing and non-neutralizing antibodies in HIV-1 acute infected individuals.

**Sonny Patel, MPH**  
U.S. Scholar  
Mr. Patel will spend his fellowship at the University of Cape Town in Cape Town under the mentorship of Dan Stein, FRCP, PhD and Catherine Mathews, PhD. His research will focus on two areas: (1) examining previous research on the impact of community cohesion and social support as it applies to mental health illnesses and (2) surveying the current levels of community cohesion and social support among young women and girls in South Africa. Mr. Patel is expected to receive his PhD from the Department of Psychological Medicine at King’s College London, where he studied community resilience as it applies to disasters.

**Fileuka Ngakongwa, MD, MMED**  
LMIC Fellow  
Dr. Ngakongwa will spend her fellowship year at the Department of Psychiatry and Mental Health at MUHAS in Dar es Salaam under mentorship of Sylvia Kaaya, MD, MSc, PhD and Mary Kay Smith-Fawzi, ScD. Her research will focus on the impact of psychosocial interventions on transitioning vulnerable youth. Improving psychological well-being is one measure to reduce the burden of mental illnesses, preventing high risk behaviors and improving quality of life.

**Cephas Sialubanje, MBChB, PhD, MPH**  
LMIC Fellow  
Dr. Sialubanje will spend his fellowship year at the Zambia Centre for Applied Health Research and Development (ZCAHRD) in Lusaka under the mentorship of Davidson Hamer, MD, Nancy Scott, DrPH, and Lawrence Mwananyanda, MD, MPH. His research will focus on the impact of maternity waiting homes on the quality of antenatal care (ANC) and postnatal care (PNC) quality. Dr. Sialubanje received his medical degree from the University of Zambia in 2002 and his PhD from Maastricht University in The Netherlands in 2016, where he studied global health of the determinants of maternal healthcare service utilization in rural Zambia.

HBNU Website: https://sites.sph.harvard.edu/global-health-research-partnership/
INDIA

Anubha Agarwal, MD
U.S. Fellow
Dr. Agarwal will spend her fellowship year at the Public Health Foundation of India and Centre for Chronic Disease Control in Delhi under the mentorship of Mark Huffman, MD, MPH and Dorairaj Prabhakaran, MD, DM, MSc. Her research will focus on improving heart failure care in Kerala, India using a mixed methods approach including a multi-institution hospital-based heart failure quality improvement intervention. Dr. Agarwal received her BA from Columbia University and MD from Stanford University School of Medicine.

Sang Gune “Kyle” Yoo
U.S. Scholar
Mr. Yoo will spend his fellowship year at the Public Health Foundation of India and Centre for Chronic Disease Control in Delhi under the mentorship of Mark Huffman, MD, MPH and Dorairaj Prabhakaran, MD, DM, MSc. His research will focus on understanding the role of hospital management in acute cardiovascular healthcare quality and safety. Mr. Yoo is a current a fourth year MD candidate at Northwestern University Feinberg School of Medicine. He received his BA in anthropology and biology at the University of Chicago. After his fellowship year, he hopes to pursue residency and continue his research in health systems.

Thailand

Daria Nikolaeva, DPhil
U.S. Fellow
Dr. Nikolaeva will spend her fellowship year at the Mahidol Vivax Research Unit within the Faculty of Tropical Medicine, Mahidol University in Bangkok, Thailand under the joint mentorship of Jetsumon Sattabongkot Prachumsri, PhD, Sumi Biswas, DPhil, and Davidson Hamer, MD. Her research will focus on pre-clinical testing of transmission-reducing vaccines against Plasmodium vivax malaria, the most widespread human malaria with greatest disease burden in Southeast Asia and Latin America. In parallel, she will explore the incidence of natural transmission-reducing host immunity in a Thai population to better inform vaccine strategies.