

# **Chronic Consequences of Global Infectious Diseases**



January 22-24, 2017

Vanderbilt University Marriott

Nashville, Tennessee



Goal: To showcase successful models and initiatives for preventing and treating infectious disease-related non-communicable diseases and building capacity to address these issues in low-resource settings

## Sunday, January 22

6:00 – 8:00 p.m. **Welcome Reception**

*Douglas Heimbarger, M.D., M.S.  
Associate Director for Education and Training,  
Vanderbilt Institute for Global Health*

*George Hill, Ph.D.  
Chief Diversity Officer and Vice Chancellor for Equity, Diversity,  
and Inclusion, Vanderbilt University*

## Monday, January 23

7:00 – 8:00 a.m. Breakfast

8:00 – 9:00 a.m. **First Keynote Lecture**

### **Introduction**

*Moderator: Muktar Aliyu, M.D., M.P.H., Dr.P.H.  
Associate Director for Research, Vanderbilt Institute for Global Health  
Professor of Health Policy and Preventive Medicine,  
Vanderbilt University Medical Center*

### **Chronic consequences of (acute) Ebola virus disease: Update from a steep learning curve**

*Ian Crozier, M.D.  
Consultant, World Health Organization*

9:00 – 9:15 a.m. **Welcome**

*Jeffrey Balser, M.D., Ph.D.  
Dean, Vanderbilt University School of Medicine  
President and CEO, Vanderbilt University Medical Center*

All events will be held at the Nashville Marriott, 2555 West End Avenue, Nashville, TN.

Posters and publications displayed in break areas represent the work of selected VECD Fogarty Global Health Fellows



9:15 – 11:30 a.m. **Plenary Session 1: Impactful ID-Related NCD Programs in Low-Resource Settings**

*Moderator: Sten Vermund, M.D., Ph.D.  
Vice President for Global Health  
Director, Vanderbilt Institute for Global Health*

**Pre-diabetes and diabetes among patients starting ART when malnourished in Mwanza: Need for interventions**

*George PrayGod, M.D., Ph.D.  
Principal Research Scientist, National Institute for Medical Research, Tanzania*

**Severe malnutrition, sickle cell disease and pediatric infections in northern Nigeria: A new epidemic?**

*Najibah Galandanci, M.D., M.P.H.  
Attending Hematologist, Aminu Kano Teaching Hospital, Nigeria  
VECD Fogarty Global Health Fellow, 2014-2015*

**HIV and hypertension in Haiti**

*Daniel Fitzgerald, M.D.  
Co-Director, Center for Global Health, Cornell University  
Professor of Medicine, Microbiology and Immunology, Weill Cornell Medicine*

BREAK: 10:15 – 10:30 a.m.

**Cancer control capacity building in the Central America CA-4 region**

*Doug Morgan, M.D., M.P.H.  
Director for Latin America Sites, Vanderbilt Institute for Global Health  
Professor of Gastroenterology, Hepatology, and Nutrition,  
Vanderbilt-Ingram Cancer Center*

**Depression: A hidden driver of the global TB epidemic**

*Annika Sweetland, Dr. P.H., MSW  
Assistant Professor of Sociomedical Sciences in Psychiatry, Columbia College of Physicians and Surgeons and Columbia Mailman School of Public Health*

**A framework for action to enhance cardiovascular care in Kenya**

*Gerald Bloomfield, M.D., M.P.H.  
Assistant Professor of Medicine and Global Health, Duke School of Medicine*

11:30 a.m. – 12:30 p.m. Networking Lunch

12:30 – 1:30 p.m. **Second Keynote Lecture**

**Introduction**

*Douglas Heimbarger, M.D., M.S.  
Associate Director for Education and Training,  
Vanderbilt Institute for Global Health*

**Increasing access to cervical cancer screening and treatment in Zambia from the front line**

*Groesbeck Parham, M.D.  
Director, Women's Cancer Control  
University of North Carolina Global Projects, Zambia*



1:30 – 3:10 p.m. **Plenary Session 2: NCD Informatics Technologies**

*Moderator: Trent Rosenbloom, M.D., M.P.H.  
Associate Professor of Biomedical Informatics  
Vanderbilt University School of Medicine*

**Optimizing health information technology use for NCDs**

*Martin Were, M.D., M.S.  
Associate Professor of Biomedical Informatics and Medicine,  
Vanderbilt University School of Medicine*

**REDCap: overview and global applications**

*Paul Harris, Ph.D.  
Professor of Biomedical Informatics  
Research Professor of Biomedical Engineering  
Vanderbilt University School of Medicine*

**Use of health IT for NCDs in Kenya**

*Jemima Kamano, M.D.  
Assistant Program Manager  
AMPATH Chronic Disease Management*

**Integrating geospatial technologies into global health research**

*Charlotte Cherry, M.P.H., M.S.  
Program Manager for Latin American Sites  
Vanderbilt Institute for Global Health*

**Using REDCap for cancer registration in LMICs: advantages and challenges**

*Dagoberto Estevez Ordonez, B.S., M.D. Candidate,  
Vanderbilt University School of Medicine  
VECD Fogarty Global Health Fellow, 2015-2016*

3:10 – 3:30 p.m. BREAK

3:30 – 5:00 p.m. **NIH Panel: Opportunities for global NCD research and training:**

**The view from NIH**

*Moderator: Jennifer Pietenpol, Ph.D.  
Director, Vanderbilt-Ingram Cancer Center  
Executive Vice President for Research  
Vanderbilt University Medical Center*

**Roger Glass, M.D., Ph.D.**

*Director, Fogarty International Center*

**Douglas Lowy, M.D.**

*Acting Director, National Cancer Institute*

**Vesna Kutlesic, Ph.D.**

*Director, Office of Global Health, Eunice Kennedy Shriver National Institute of Child Health and Human Development*

**LeShawndra Price, Ph.D.**

*Branch Chief, Health Inequities and Global Health Branch,  
Center for Translation Research and Implementation Science,  
National Heart, Lung, and Blood Institute*



5:00 – 5:30 p.m. Tribute for Sten Vermund, M.D., Ph.D.

5:30 – 7:30 p.m. Networking Dinner

## Tuesday, January 24

7:00 – 8:00 a.m. Breakfast

8:00 – 10:30 a.m. **Plenary Session 3: Optimizing NCD Outcomes with Limited Resources**

*Moderator: Troy Moon, M.D., M.P.H.  
Associate Professor of Pediatrics,  
Vanderbilt University School of Medicine*

### **Integrating acute infectious and chronic disease surveillance to optimize interventions in the age of Zika**

*Edwin Trevathan, M.D. M.P.H.  
Professor, Division of Pediatric Neurology  
Vanderbilt University School of Medicine*

### **Repurposing ID resources to target NCDs in Mozambique**

*Mohsin Sidat, M.D., M.Sc., Ph.D.  
Dean, Universidade Eduardo Mondlane Faculty of Medicine, Mozambique*

### **A new tool for citizen science and global health**

*Sandeep Kishore, M.D., Ph.D., MSc.  
Associate Director, Arnhold Institute for Global Health,  
Icahn School of Medicine*

BREAK: 9:00am-9:20am

### **Site capacity to screen for and manage NCDs in HIV care and treatment clinics within the leDEA consortium: Preliminary data and future directions**

*William Wester, M.D., M.P.H.  
Associate Professor of Medicine  
Vanderbilt University School of Medicine*

### **Providing tiered pathology support in low-resource settings**

*Quentin Eichbaum, M.D., Ph.D., M.P.H.  
Associate Professor of Pathology,  
Vanderbilt University School of Medicine*

### **Cancers associated with chronic infection: Opportunities for prevention and control**

*Edward Trimble, M.D., M.P.H.  
Director, Center for Global Health  
National Cancer Institute*

10:30 – 11:00 a.m. BREAK



11 a.m. – 12:00 p.m. **Third Keynote Lecture**

**Introduction**

*Douglas Heimbürger, M.D., M.S.  
Associate Director for Education and Training,  
Vanderbilt Institute for Global Health*

**Rational decision making in health**

*David Wilson, Ph.D.  
Head of Disease Modeling and Financing,  
Burnet Institute & Monash University, Australia*

12:00 – 1:00 p.m. Networking Lunch

1:00 – 2:30 p.m. **Debate:**  
**Should PEPFAR expand funding opportunities to encompass NCD prevention, screening, and treatment?**

*Moderator: Muktar Aliyu, M.D., M.P.H., Dr.P.H.  
Associate Director for Research, Vanderbilt Institute for Global Health  
Professor of Health Policy and Preventive Medicine  
Vanderbilt University Medical Center*

**Ambassador-at-Large, Deborah Birx, M.D.**

*U.S. Global AIDS Coordinator and  
U.S. Special Representative for Global Health Diplomacy*

**K. M. Venkat Narayan, M.D., M.Sc., MBA**

*Ruth and O.C. Hubert Professor of Global Health and Epidemiology  
Rollins School of Public Health, Emory University*

2:30 – 3:00 p.m. BREAK

3:00 – 4:40 p.m. **Plenary Session 4: -Omics in LMICs**

*Moderator: Donald Rubin, M.D.  
Professor of Medicine  
Vanderbilt University School of Medicine*

**Building resources for -omics research in LMIC**

*Xiao Ou Shu M.D., Ph.D., M.P.H.  
Ingram Professor of Cancer Research, Vanderbilt University School of Medicine  
Associate Director of Global Health, Vanderbilt-Ingram Cancer Center*

**Genetic epidemiology of complex and neglected tropical diseases:  
H3Africa and Beyond**

*Charles Rotimi, Ph.D.  
Chief and Senior Investigator, Metabolic, Cardiovascular  
and Inflammatory Disease Genomics Branch  
Director, Center for Research on Genomics and Global Health  
National Institutes of Health*



- Plenary Session 4 (con't)  
3:00 – 4:40 p.m. **Opportunities and challenges of large scale -omics studies in resource challenged environments**  
*Nikhil Tandon, M.D., Ph.D., MBBS*  
*Professor, Department of Endocrinology and Metabolism,*  
*All India Institute of Medical Sciences*  
*Head, Capacity Building, Centre for Chronic Disease Control, New Delhi, India*
- Helicobacter pylori* infection, co-evolution, and gastric disease**  
*Scott Williams, Ph.D.*  
*Professor, Department of Epidemiology and Biostatistics,*  
*Case Western Reserve University*
- The genetic basis of *Mycobacterium tuberculosis* resistance and asthma susceptibility in East Africa**  
*Rafal Sobota, Ph.D.*  
*M.D. Candidate 2017, Vanderbilt University School of Medicine*
- 4:40 - 5:00 p.m. Discussion and Closing Remarks  
*Douglas Heimbarger, M.D., M.S.*  
*Associate Director for Education and Training,*  
*Vanderbilt Institute for Global Health*
- 5:00 – 7:30 p.m. Post-meeting Networking Dinner

The VECD Consortium comprises four U.S. institutions – Vanderbilt, Emory, Cornell, and Duke – with decades-long global partnerships with premier LMIC research institutions throughout the world. As one of five Fogarty Global Health Fellowship Consortia across the U.S., VECD provides a one-year, mentored research training experience for pre-and postdoctoral candidates, sponsored by the Fogarty International Center and several collaborating Institutes and Centers at the National Institutes of Health. Fellows train in an intensive, hands-on research program at one of our 17 affiliated international sites in 14 different countries throughout Africa, Asia, Latin America, and the Caribbean. Collectively, VECD’s well-funded research portfolio encompasses diverse and complementary topics across a wide range of infectious and non-communicable diseases. VECD institutions and faculty have a long history of global engagement, investigative accomplishment, and mentoring excellence, as demonstrated by the subsequent global health leadership positions and high-impact global health discoveries of VECD trainees and alumni. VECD’s highly experienced global health faculty work together to mentor fellows in research, career development, leadership, and ethics, building the next generation of global health researchers and leaders.

# VECD Fogarty Global Health Fellowship

A Consortium of Vanderbilt, Emory, Cornell and Duke Universities

Acknowledgments and Disclaimers: This conference and the VECD Consortium are supported by NIH Research Training Grant R25 TW009337, funded by the Fogarty International Center and several collaborating Institutes and Centers at the National Institutes of Health. The views expressed at this conference are the views of the speakers and do not necessarily represent the official views of the National Institutes of Health or of the Vanderbilt University Medical Center.