

Vanderbilt Institute for Global Health

Opportunities for
medical students



vumc.org/global-health

Today you'll learn about...

Medical school curriculum

Research
Immersion

Integrated Science
Course (ISC)

Advanced Elective
(AE)

Year-out options

Research year

MPH, Global
Health track

Extracurricular opportunities

Certificate in Global Health

GHO & SAC

Case Competition

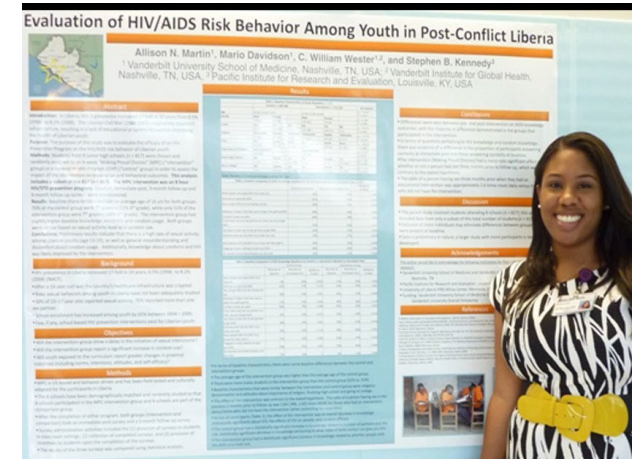
Research Symposium

Volunteering in Nashville

Research Immersion: Global Health & Community Area

Past student research

- Anesthesia Capacity in Liberia
- Traditional Healer Practices and Views on HIV Prevention in Rural South Africa
- Barriers to and Facilitators of Child Survival in Lwala, Kenya
- Adolescents' knowledge of family planning in Lwala, Kenya
- Digital mobile technology as a screening tool for eyecare in rural Nepal
- Patient perspectives on opt-out HIV screening in a Guyanese emergency department
- Analyzing questions critical to the effective development, distribution, and consumption of the GuateNut product in Guatemala



Vanderbilt Institute for Global Health: Project scope

Globally,

- Dr. Martin: Funding streams
- Dr. Dewan: Peds Neurosurgery



TN

Carol Etherington
-Refugees, immigrants



Drs. Martin & Moon
-Medical education



Nigeria



Drs. Ahonkhai, Aliyu, DeBaun, Trevathan, Wester
-PMTCT, HIV
-Sickle cell
-Epilepsy



Jordan

Dr. Halasa
-Pediatrics
-Antibiotic prescribing practices



Liberia



-HIV, water/sanitation, MCH
-Community-based interventions

Guatemala

Dr. Savoie
-Primary care, MCH
-Nutrition



Guyana

Zambia

Dr. Heimburger & Rose
-HIV, NCDs
-ICU, Delirium
-Health systems
-Capacity building



Kenya

Dr. Were
-Health informatics
-mHealth



Peru

Dr. Grijalva
-Viral infections



Latin America

Dr. Sterling
-TB



South Africa

Drs. Audet, Clouse
-GIS/mapping
-HIV, PMTCT & retention in care
-Traditional healers



Mozambique

Drs. Audet, Carlucci, Moon, Wester
-ANC & HIV service delivery, retention in care
-Gender inequity & healthcare outcomes
-Implementation science, quality improvement
-Task shifting



VIGH's Global Health Opportunities Database

Vanderbilt Institute for
Global Health

Search

About Us ▾ Our Team ▾ Education and Training ▾ Research and Programs ▾ Publications ▾ News from VIGH ▾ Events ▾

Global Health Opportunities: External (non-VU/VUMC) Opportunities

Vanderbilt-Affiliated Opportunities

External (non-VU/VUMC) Opportunities

The following table is a database of external global health opportunities **not affiliated with Vanderbilt**.

Filtered search results are based on a key word search. Separate multiple terms with a space. Example: "Epidemiology Fellowship"

Table

Show 10 ▾ entries

Search:

Program Title / Organization or Faculty Name	Country	Program Type	Funding Type	GH Focus Area	Affiliation	Deadline
Abt Associates Summer Internships (International Health)	Worldwide	Research, Training or Education	Internships	Health Systems, Infectious Diseases, Maternal and Child Health, Non-communicable Diseases, Policy, Public Health	non-VU	Rolling
Action Research in the Andes: Internship	Peru	Training or Education	Internship	Education/Training/Capacity Building, Public Health, Environmental Health	non-VU	Summer

vumc.org/global-health/global-health-opportunities

Sample of student publications

- **Odinkemelu DS**, et al. An Assessment of Anesthesia Capacity in Liberia: Opportunities for Rebuilding Post-Ebola. *Anesth Analg* 2021 Jun 1;132(6):1727-1737. doi: 10.1213/ANE.0000000000005456.
- **Riesel JN**, et al. High prevalence of soil-transmitted helminths in Western Kenya: failure to implement deworming guidelines in rural Nyanza Province. *J Trop Pediatr* 2010;56(1):60-2.
- **Carlucci JG**, et al. Predictors of adherence to antiretroviral therapy in rural Zambia. *J Acquir Immune Defic Syndr* 2008, 47(5):615-22.
- **Andereck JW**, et al. Helminth prevalence among adults in rural Kenya: A stool survey for soil-transmitted helminths and schistosomiasis in Nyanza Province. *Trans R Soc Trop Med Hyg.* 2014 Dec;108(12):804-9. doi:10.1093/trstmh/tru164. Epub 2014 Oct 30.
- Audet CM, Salato J, Blevins M, **Amsalem D**, Vermund SH, Gaspar F. Educational Intervention Increased Referrals to Allopathic Care by Traditional Healers in Three High HIV-Prevalence Rural Districts in Mozambique. Braitstein P, ed. *PLoS ONE.* 2013;8(8):e70326. doi:10.1371/journal.pone.0070326.
- **DaSilva M**, et al. Patient loss to follow-up before antiretroviral therapy initiation in rural Mozambique. *AIDS and Behavior.* 2015; 19(4):666-678.
- **Dozois A**, et al. Prevalence and molecular characteristics of methicillin-resistant *Staphylococcus aureus* among skin and soft tissue infections in an emergency department in Guyana. *Emergency Medicine Journal.* 2015; 32(10):800-803.
- **Valenzuela C**, et al. HIV Stigma as a Barrier to Retention in HIV Care at a General Hospital in Lima, Peru: a Case-Control Study. *Aids Behav.* 2015 Feb; 19(2): 253-245. doi: 10.1007/s10461-014-0908-7

Integrated Science Course (ISC) Global Health

Focus on health systems and health disparities with opportunities for rotations in various specialties



Clinical practice
in rural & urban
sites



Opportunities in
diverse specialties



Online modules in
foundational
sciences



Mentoring on-site
and from Vandy
faculty

<https://tinyurl.com/ISCGlobalHealth>

AE in Global Health

- Option for a second clinical immersion in a low-resourced setting
 - Can extend ISC block or schedule it later
- Sites and blocks flexible



Travel approval

- 4-step approval process
 - Endorsement from Dean Fleming, Dr. Martin, VTRAC
 - Final approval from Dean Brady
- To initiate, submit form to provide information about your academic activity and international travel
 - **tinyurl.com/intltravelapproval**



More information: my.vanderbilt.edu/globalhealth/predepartureprep

Year-out Research programs

- Vanderbilt-Emory-Cornell-Duke (VECD) Global Health Fellowship
 - Funded by NIH Fogarty International Center
- Vanderbilt Medical Scholars
- CDC Epidemiology Elective Program
- Doris Duke International Clinical Research Fellowship
- Fulbright U.S. Student Awards
- Fulbright-Fogarty Fellowship in Public Health
- Paul Farmer Global Surgery Research Fellowship



VECD Fogarty Global Health Fellowship

12-month, mentored clinical research in low- or middle-income country (LMIC)

Fellows receive stipend, health insurance, funds for research and travel

Medical students
(after Year 2 or 3)
interested in a career in academic medicine

Predocs or postdocs from the U.S. or LMICs

Designed for future global health researchers and leaders
17 sites in 14 countries

July 1 - June 30
Applications due
November 1

VECD Sites



VECD Program features

- Dedicated mentoring from global health leaders
- Experience in LMIC-based research (publications, conference presentations)
- Five-day workshop at the NIH with Directors and leading global health experts
- Active network of >900 alumni



Vanderbilt Medical Scholars

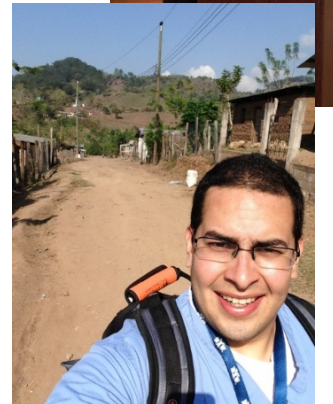
12-month research
experience for
Vanderbilt/Meharry students
Fellows receive stipend (30K),
health insurance, conference
funds

Medical students
(after Year 2 or 3)
interested in a career in
academic medicine

International locations are
possible if you have
appropriate mentorship in
place

Standard year is
July 1-June 30
Applications due in February
(must submit both student
and mentor application)

medschool.vanderbilt.edu/med-scholars/application-process





Epidemiology Elective Program (EEP)

6-8 weeks

Applied epidemiology, public health, and global health through hands-on experience and mentorship by CDC experts

3rd or 4th year medical or veterinary students, must be U.S. citizens

Largely based in Atlanta

cdc.gov/epielective/

Fulbright U.S. Student Program

12-month individually designed study/research project at non-U.S. site

Fellows receive funding for travel, room, board, and incidentals, and health benefits (no research funds)

Medical or graduate students
U.S. citizens only, must be proficient in host country language

Available in approximately 140 different countries- review program summaries for each host country

Academic year (usually July – June)
Applications for 2018-2019 due October 6, 2017

Fulbright-Fogarty Fellowships in Public Health



Fogarty International Center
Advancing Science for Global Health

12-month, mentored research in public health and clinical research in low-income setting

Fellows usually receive stipend, health insurance, funds for research and training

Medical or graduate students

U.S. citizens only

Must apply to only one country (sites in Africa, Asia, or Latin America)

Standard fellowship year is July 1- June 30

fic.nih.gov/programs/pages/fulbright-fellowships.aspx

Paul farmer global surgery research fellowship



PROGRAM IN GLOBAL SURGERY
AND SOCIAL CHANGE
Harvard Medical School

One-year fellow position for
medical students and graduate
students in a health-
related degree program

Interest in pursuing a career in
surgery, anesthesia or OB/GYN

Two-year associate position for
those who are currently in
surgical training or residency

Open to obstetrics and
gynecology, anesthesia, and all
surgical subspecialties

pgssc.org/paul-farmer-global-surgery-fellowship

Master of Public Health (MPH), Global Health Track



5-year M.D./M.P.H.
dual degree

Enroll after 2nd or 3rd
year of medical school

- Apply during 2nd or 3rd
VUSM year

Biostatistics,
Epidemiology, and
Global Health-specific
courses

Practicum and thesis
projects

medschool.vanderbilt.edu/mpg/global-health-track

Global Health Courses

- Foundations of Global Health [fall]
- Essential Skills in Global Health [spring]
- Leadership & Management in Global Health [spring]
- Fundamentals of Global Health [hybrid online course, spring]
- Case Studies in Tropical Diseases [online, summer]
- Global Health Politics & Policy [spring]
- Climate Change [spring]



Graduate Certificate in Global Health

- Benefits
 - Interdisciplinary
 - Analytical skills
 - Job prospects
- 12 credit hours of global health coursework
 - Core course (select: Foundations, Fundamentals, or Essential Skills in GH)
 - Electives (9 credits)
 - ISC & AE are 3 credits each, Research Immersion is 6 credits

vumc.org/global-health/education-and-training/academic-programs/gh-certificate

VUSM's Global Health Organization (GHO) VIGH's Student Advisory Council (SAC)

- Student org leadership opportunities Student leaders from across campus
 - Promote GH service, research, and educational opportunities
 - Facilitate collaboration and action in global health
- GHO's World Health Week
- SAC's Global Health Case Competition
- SAC's Global Health Symposium



Global Health in Nashville

*1 in 8 residents of
Davidson County is foreign-born*

- Nashville International Center for Empowerment (NICE)
- Siloam Family Health Center
- Project CURE
- Nashville CARES
- Shade Tree Clinic

Participants enjoying exercise classes provided by NICE
empowernashville.org





Questions?

vumc.org/global-health/education-and-training/medical-students-md

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