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

Carol Etherington
- Refugees, immigrants

Guatemala
Dr. Savoie
- Primary care, MCH
- Nutrition

Dr. Grijalva
- Viral infections

Guyana

Peru
Dr. Grijalva
- Viral infections

Liberia
Drs. Martin & Moon
- Medical education

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

Jonathan Rose
- Traditional healers

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

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

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

Jordan
Dr. Halasa
- Pediatrics
- Antibiotic prescribing practices

Kenya
Dr. Were
- Health informatics
- mHealth

Mozambique

Latin America
Dr. Sterling
- TB

Guatemala
Dr. Savoie
- Primary care, MCH
- Nutrition

Globally,
- Dr. Martin: Funding streams
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VIGH’s Global Health Opportunities Database

Vanderbilt Institute for Global Health

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>
<thead>
<tr>
<th>Program Title / Organization or Faculty Name</th>
<th>Country</th>
<th>Program Type / Education</th>
<th>Funding Type</th>
<th>GH Focus Area</th>
<th>Affiliation</th>
<th>Deadline</th>
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<tbody>
<tr>
<td>Abt Associates Summer Internships</td>
<td>Worldwide</td>
<td>Research, Training or Education</td>
<td>Internships</td>
<td>Health Systems, Infectious Diseases, Maternal and Child Health, Non-communicable Diseases, Policy, Public Health</td>
<td>non-VU</td>
<td>Rolling</td>
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<td>Action Research in the Andes: Internship</td>
<td>Peru</td>
<td>Training or Education</td>
<td>Internship</td>
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<td>non-VU</td>
<td>Summer</td>
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vumc.org/global-health/global-health-opportunities
Sample of student publications


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
  o 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

• While you are awaiting review, prepare your request for travel to the Vanderbilt Travel Risk Assessment Committee (VTRAC)
  • vanderbilt.edu/global/vtrac

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

vumc.org/vecd
VECD Sites

Guatemala
Haiti
Honduras
Nicaragua

Ethiopia
Ghana
Kenya
Mozambique
Nigeria
Rwanda
Tanzania
Zambia

India
Vietnam
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 round-trip travel to host country, funding to cover 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

us.fulbrightonline.org/applicants
Fulbright-Fogarty Fellowships in Public 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 (program announcement is not yet available)

- 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
  - Applications for 2019-2020 academic year TBA

fic.nih.gov/programs/pages/fulbright-fellowships.aspx
Paul farmer global surgery research fellowship

**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

Fellow Deadline: Sept 23
Associate Deadline: Oct 7
Start: July 2019

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/mph/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]
- Local Applications of Global Health
- Case Studies in Tropical Diseases [online, summer]
- Global Health Politics & Policy [spring]
- Climate Change [spring]

vumc.org/global-health/education-and-trainingacademic-programs/courses
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
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

vanderbilt.edu/vigh-sac
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