Vanderbilt Institute for Global Health

Education & training opportunities for Medical Students

globalhealth.vanderbilt.edu
Global Health for Medical Students

- What is Global Health
- Global Health at Vanderbilt
  - Clinical Rotation (ISC)
  - Research Immersion
  - Courses
  - Graduate Certificate in Global Health
  - MPH Program
  - Get involved: extracurricular activities
- Global Health in Nashville
What is Global Health?
What is Global Health?

“The area of study, research and practice that places a priority on improving health and achieving equity in health for all people worldwide”

Global Health: Topics and Issues

"diseases of poverty" versus "diseases of affluence"

- HIV/AIDS, Malaria, Tuberculosis
- Respiratory infections (TB, measles, flu, pneumonia)
- Diarrheal diseases
- Maternal health
- Nutrition
- Chronic/Non-communicable diseases (diabetes, heart conditions, etc.)
- Neglected tropical diseases
Mission:
To provide leadership in interdisciplinary education, research, service, and advocacy for health and development in resource-limited settings around the world.
Academic Global Health Opportunities

Curriculum 2.0
- Integrated Science Courses (ISC)
- Advanced Elective (AE)
- Research Immersion

Global Health Courses
- Graduate Certificate in Global Health
- Master of Public Health (MPH), Global Health Track

Extracurricular Activities
- VIGH’s Student Advisory Council (SAC)
- Global Health Case Competition
- Research Year Abroad (NIH VECD, Med Scholars)
ISC: Global Health Immersion

- Month-long didactic clinical rotation course taught through online modules and Skype mentoring sessions
- Introduction to key concepts in global health:
  - Diseases, conditions, and health interventions common in low-resource settings
  - Health and developmental issues across nations and cultures that require partnership-based action
- Placements at Vanderbilt partner sites in: Central America, Middle East, Kenya
  - Alternative Sites available upon student request

http://globalhealth.vanderbilt.edu/students/academic-programs/md-research/immersion-course/
Immersion Sites
3-6 month mentored research project

Recent MD student GH research:

- Patient perspectives on opt-out HIV screening in a Guyanese emergency department
- Assessing a community development project associated with a micro-lending of livestock to HIV infected persons in Mozambique
- Analyzing questions critical to the effective development, distribution, and consumption of the GuateNut product in Guatemala
- Public health assessments in the Navajo Reservation in “The Four Corners” (Arizona, New Mexico, Utah, and Colorado)
Opportunities for Clinical and Research Field Experiences

- Peru
- Kenya
- Mozambique
- South Africa
- Guyana
- Zambia
- China
- Argentina
- Guatemala
- Honduras
- Nicaragua
- Ecuador
- Haiti
- Dominican Rep.
- Guyana
- Ghana
- Kenya
- Jordan
- Mozambique
- Zambia
- South Africa
- Chile
- Argentina
- Peru
Funding & Fellowships

- VIGH Institutional Scholarships
  - Overall Family Fellowship for International Research
  - Shandong University (China) travel fellowships

- Extramural Fellowship Programs (year-long)
  - VUSM Medical Scholars Program
  - NIH/Fogarty VECD Global Health Fellowships
  - Doris Duke Clinical Research Fellowship

- Explore funding resources on VIGH’s website: [globalhealth.vanderbilt.edu/students/funding](globalhealth.vanderbilt.edu/students/funding)
Global Health Courses

- Foundations of Global Health
- Fundamentals of Global Health [online]*
- Essential Skills in Global Health
- Leadership & Management in Global Health
- Global Health in Nicaragua*
- Shorter courses: (1-2 credit hours)
  - Tropical Diseases, Ethics, Informatics, Politics & Policy, Lab Technologies, Climate Change
- Online Modules: nutrition, water & sanitation, HIV, chronic diseases, malaria, and more!
  my.vanderbilt.edu/globalhealth/travelmed/topical-modules

*Designed for medical and nursing students
Graduate Certificate in Global Health

- Benefits: interdisciplinary, analytical skills, job prospects
- 12 credit hours of global health coursework
  - Required core course (Foundations, Fundamentals or Essential Skills in GH)
  - Global health electives include clinical rotation & research

[globalhealth.vanderbilt.edu/education-and-training/academic-programs/gh-certificate/]
Master of Public Health (MPH), Global Health Track

- 5-year M.D./M.P.H. dual degree educating innovative public health professionals in the development and management of effective global health initiatives
- Apply during 2nd or 3rd year of medical school
- Sample courses: Biostatistics, Epidemiology, and GH specific courses
- Practicum
- Thesis

2015 MPH graduates
VIGH Student Advisory Council (SAC)

vanderbilt.edu/vigh-sac

- **Mission:** To foster interdisciplinary awareness and understanding of global health within the Vanderbilt community.
- **Representatives from all 10 schools at VU**
  - Link students with VIGH
  - Promote service, research, and educational opportunities
  - Facilitate collaboration and action in global health

Apply for leadership positions in August or February!
Global Health Case Competition

- Annual Global Health Case Competition (early February)
- Designed, developed and implemented by VIGH-SAC
- Almost 100 students in 20 interdisciplinary teams participate
- One week of
- Winning team represents VU at Emory’s International Case Competition

2017 VU team competing at Emory’s international competition
SAC’s Global Health Case Competition

- Annually in early February
- One week of critical thinking, teamwork, & fun
- Interdisciplinary teams from across campus
- 100+ students
- Winning team represents Vandy at international global health case competition

vanderbilt.edu/vigh-sac

2016 Global Health Case Competition
Global Health Opportunities Database

- Central location for research, educational, and service opportunities in global health
- Opportunities at all levels of training (undergraduate, graduate, residents, trainees, and faculty)
- Listings include international service opportunities, research projects in global health, international medical education programs, and funding opportunities

globalhealth.vanderbilt.edu/students/gh-opportunities
MPH, Global Health Track

- Tracks: Epidemiology, Global Health, Health Policy
  - The Global Health track is designed to educate innovative and effective public health professionals in the development and management of global health initiatives, to contribute to sound public health policies and practices, and to engage in meaningful partnerships with communities.

- MPH and GH courses, practicum, thesis project

- Alumni working at CDC, Abt, multiple fellowships, in-country NGOs

medschool.vanderbilt.edu/mph/global-health-track
Global Health Opportunities Database

- Research, education, funding, and service opportunities in global health
- Listings include international service opportunities, research projects in global health, international medical education programs, and funding opportunities

[Search page for Global Health Opportunities Database]

[Search results for Africa AND Maternal and child health AND Training or education]

[Global Health Opportunities Database](globalhealth.vanderbilt.edu/education-and-training/gh-opportunities)
VIGH’s Student Advisory Council (SAC)

**Mission:** To foster interdisciplinary awareness and understanding of global health within the Vanderbilt community

- Student representatives from across campus
  - Link students with VIGH
  - Promote service, research, and educational opportunities
  - Facilitate collaboration and action in global health

- Case Competition and Global Health Alliance committees

[link](vanderbilt.edu/vigh-sac)
Global Health in Nashville

One in eight residents of Davidson County is foreign-born

- Nashville International Center for Empowerment (NICE)
- Siloam Family Health Center
- Project CURE

Participants enjoying exercise classes provided by NICE
empowernashville.org
Questions?

globalhealth.vanderbilt.edu

LEARN

BUILD RELATIONSHIPS

GROW