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”

"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)
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

globalhealth.vanderbilt.edu/students/academic-programs/md-research/immersion-course
Immersion Sites
Inquiry Program Research Immersion: Community and Global Health

- 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)

Allison Martin, Liberia
Opportunities for Clinical and Research Field Experiences

- Peru
- Kenya
- Mozambique
- South Africa
- Guyana
- Zambia
- China
- Argentina
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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
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 2\textsuperscript{nd} or 3\textsuperscript{rd} year of medical school
- Sample courses: Biostatistics, Epidemiology, and GH specific courses
- Practicum, Thesis projects

medschool.vanderbilt.edu/mph/global-health-track
VIGH’s Student Advisory Council (SAC)

vanderbilt.edu/vigh-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 & Global Health Alliance committee

Apply for leadership positions in August or February!
SAC’s Global Health Case Competition
vanderbilt.edu/vigh-sac

- 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
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
- Opportunities at all levels of training

globalhealth.vanderbilt.edu/education-and-training/gh-opportunities
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