Orientation to International Health Electives

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A global health career
A global health career

- Make yourself big
- Be good at something
- Develop a wide range of skills
- Develop a differentiating skill
- Learn a language (including English)
Typical Activities in Global Health

- Summer Programs
- 1st year “electives”
- Courses
- 4th year medical elective
- Policy programs
- Missions (medical/religious)
- Research
Timing

- Fall 2016
- Spring 2017
- Summer 2017
- Ward Rotations Spring 2018
- 4-month research block 2019-2020
- M.D. thesis due January 2020
- Application deadlines Jan, March and April
- IRB (domestic and foreign) deadline – now
What you will need
(To be completed at least 10 days prior to travel)

1. Register & fill out and print the International Program at the SOM Student Affairs/International Affairs Site
   (http://casemed.case.edu/student_affairs/international/)
   • Contact information
   • Emergency contact
   • Cell phone
   • Elective description

2. Obtain/print a notice of acceptance from your host (letter or e-mail)

3. Print & sign Statement of Responsibility

4. Preparation: Go!, CDC, DOS, Health Lecture Series
   (http://casemed.case.edu/student_affairs/international/lectures.cfm)

5. Signature of Society Dean (University Program) or Dr. Franco (CCF)

6. Signature of Dr. Blanton

7. Scan hard copies of signed Program Form & Statement & upload to studyabroad@case.edu. CC to Felicite Chatel-Katz (fmc3@case.edu) for UP or Darlene Gray (grayd4@ccf.org) for CCF
Courses/Training

• Framework in Global Health (http://www.case.edu/med/cfgh/)
  – *INTH 5001 – Orientation to International Health Service
  – *INTH 401 – Fundamental Concepts in Global Health
  – *INTH 4002 – Major Tropical Pathogens
  – INTH 551 - Global Health Seminar (WHIG)
  – DGMS 9015-9017: Medical Spanish

• Bioethics Study Abroad (winter or spring break)
  – BETH 315H/415H Salvador, Bahia, Brazil
  – BETH 315C/415C San José, Costa Rica

• Workshop in International Emergencies

• Mandel School Study Abroad (winter break)
  – Health, Human and Social Development in Ecuador (SASS 375A/575)
  – Global Health and Social Development in India (SASS 375G/575)

*Required for the Certificate in Global Health
Certificate in Global Health

- Recognition not on the transcript
- Discipline specific
- No registration, discuss with me
- Many of the requirements have to be in year 1-2, unless in the MPH program or taking year 5 of medical school
- In year 4/5 send summary of qualifications (me or Dr. Daniel Tisch)
- Graduate
Humanitarian Emergencies Short Course

• Summer, 1 week long, in Cleveland

• Provides preparation needed to work effectively on behalf of vulnerable populations in a disaster setting

• A solid mix of didactic lectures and problem-based learning exercises targeted at a variety of skill levels
Funding opportunities for research in Global Health & Disease

- **The Rottman Family Award** up to $6,000 supports research on international infectious diseases (especially HIV/AIDS, tuberculosis, and malaria) in a resource-limited site. Medical students from all years are eligible. Awards to a maximum of 6 awards will be made annually. Submission deadline in early summer. Contact Dean Wolpaw’s office for information.

- Other CWRU summer research fellowships may be used to support global health research (**Crile, Dean’s award, training grant awards**), including Peru trip activity and Zhejiang University exchange program – see here for application details: [http://casemed.case.edu/msrpublic/](http://casemed.case.edu/msrpublic/)


- **Hearst Family Award** of $2,500 supports students in conducting public health-related research during the summer.

- **American Medical Student Association** international opportunities database: [http://www.amsa.org/AMSA/Homepage/EducationCareerDevelopment/IntlHealthOpps.aspx](http://www.amsa.org/AMSA/Homepage/EducationCareerDevelopment/IntlHealthOpps.aspx)

- Boren National Security Education Program (BorenAwards.org) – Language Study
Research Funding for Global Health

Framework in Global Health (http://www.case.edu/med/cfgh/)

- Daniel and Robbins Awards – 4th year Students Annual
- Rottman Family Award – All med students Bi annual
- The Arnold P. Gold Foundation Student Summer Fellowships
- UPR Exchange (airfare)
- Ben Keane – ASTMH (airfare & $1000, 20 awarded last year)
- NIH/Fogarty Clinical Research Training Scholars Program
- NIH Clinical Research Training Program
- Medical Research Scholars Program for Medical and Dental Students (NIH & Howard Hughes)
- CDC Fellowship in Applied Epidemiology
- Doris Duke Clinical Research Fellowship
- Infectious Disease Society of America
- USAID Internships – paid and volunteer internships
- Religious missions – Mennonite missions very well done
- Your own initiative/your own cash
Funding opportunities for research in Global Health & Disease

• Your own initiative
• Your own cash
• Lab Tip: Make yourself useful/indispensable
• Luck
US Government

- Political
  - USAID
    - Global Health Fellows Program II
  - State Department
  - Peace Corp
    - Global Health Service Partnership
- CDC (http://www.cdc.gov/Fellowships/)
  - Med students
    - CDC-Hubert Global Health Fellowship
  - MDs
    - Multiple fellowships at all levels of training
    - EIS
    - ASPPH/CDC Allan Rosenfield Global Health Fellowship Program
    - CSTE/CDC/ASPPH Applied Public Health Informatics Fellowship Program
    - ASPPH/CDC Allan Rosenfield Global HIV Surveillance Fellowship
    - CSTE/CDC/ASPPH Applied Epidemiology Fellowship Program
    - ASPPH/CDC Public Health Fellowship Program
NGO’s

• Doctors without Borders
• CARE
• United for Sight
• Project Hope
• SEED Global Health
International Organizations

• WHO
• National Ministries of Health
Global Health Information Resources

• Framework in Global Health
  – University-wide
• Center for Global Health and Diseases
  – Basic and clinical science in global health
• CGHD Facebook Page
  – CGHD student experiences
• Dept. OB/GYN - Margaret D. Larkins-Pettigrew
• Dept. Pediatrics – Marsia Herran, Karen Olness
• Dept. Infectious Diseases – Robert Salata
• Other students/family
• CDC Website
• USAID Website
• Gapminder
<table>
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## Regular Programs

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Center for Global Health and Diseases

• One of the nation’s oldest research groups in diseases of low/middle income countries
• Primarily focused on research
• Primarily focused on infectious diseases not found in the US
• Combines “fieldwork” with “bench work”
• Touches on all disciplines
• “Sponsors” all international electives

http://www.cwru.edu/orgs/cghd/Home.htm
Information/Job Clearing Houses

- University Buffalo SUNY: [http://sphhp.buffalo.edu/global-health/resources/resources.html](http://sphhp.buffalo.edu/global-health/resources/resources.html)
- International Civil Service Commission Jobnet: [https://jobs.unicsc.org/](https://jobs.unicsc.org/)
- *The Global Journal top 100 NGO’s:* [http://theglobaljournal.net/top100NGOs/](http://theglobaljournal.net/top100NGOs/)
Name this popular planet
Health

Parasitology
Tropical Medicine
Geographic Medicine
International Health
Health

Global Health
Health

Nations Matter
Ay, Ay, Carmen!!!
Tem vatapá, carurú, acaraje...
Where in the world?
Where in the world?
Kenya, Turkana
Winter
Kenya, Machakos
Elders
World Population: 1950-2050

Source: U.S. Census Bureau, International Data Base 5-10-00.
Demographics
• By 2025 over 5 billion of the earth’s estimated 8.3 billion inhabitants will live in urban areas.
Uncontrolled Growth & Where the People Are

Nairobi

Kibera
Morumbi, São Paulo
Correlation of ancestry and income index

$r^2 = 0.19$
Research

• Best way to really learn
• Best way to really see
• Best way to really know people
• What you do if you are interested in what you do
• Might be useful
• Anybody can do it (at least badly)