

The Harriet Lane Pediatric Residency Program

Global Health Track



Overview

- Why global health?
- Institutional resources
- Track structure overview
- Mentorship and advisory board

Hopkins Pediatric Global Health Track

- We envision a world where every child, regardless of their background, has the opportunity to reach their full potential.
- **We aim to train pediatric leaders who will work in the field of global health to eliminate health disparities through advocacy, research, community partnership, education, and clinical care.**
- The program will leverage world-renown resources across Johns Hopkins to provide graduates with a unique skill set that will equip them to make an impact for children both domestically and in limited resource settings.

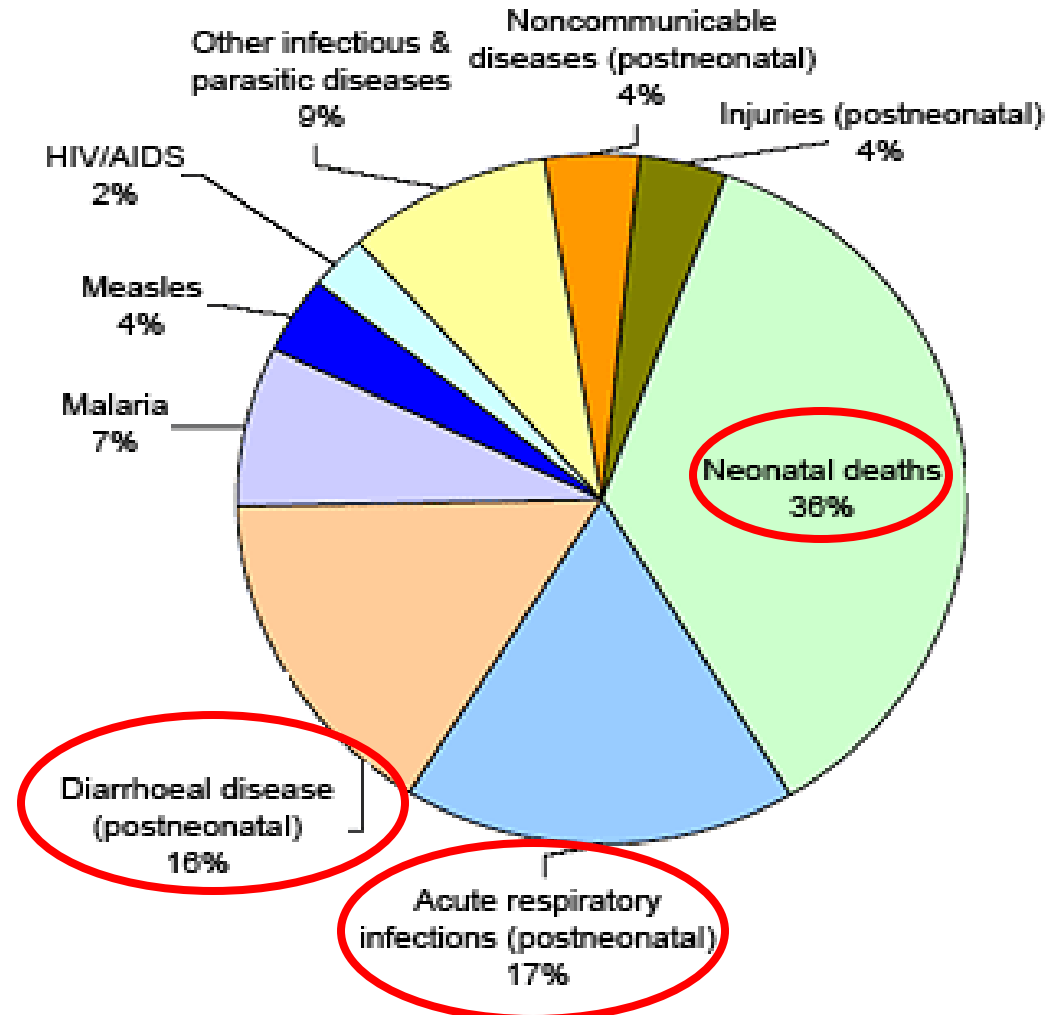


Global Health Threats to Children

**9.2 Million
Children < 5 yrs
of age die every
year**

- 99% of these deaths are in developing countries
- 8.4 million are avoidable

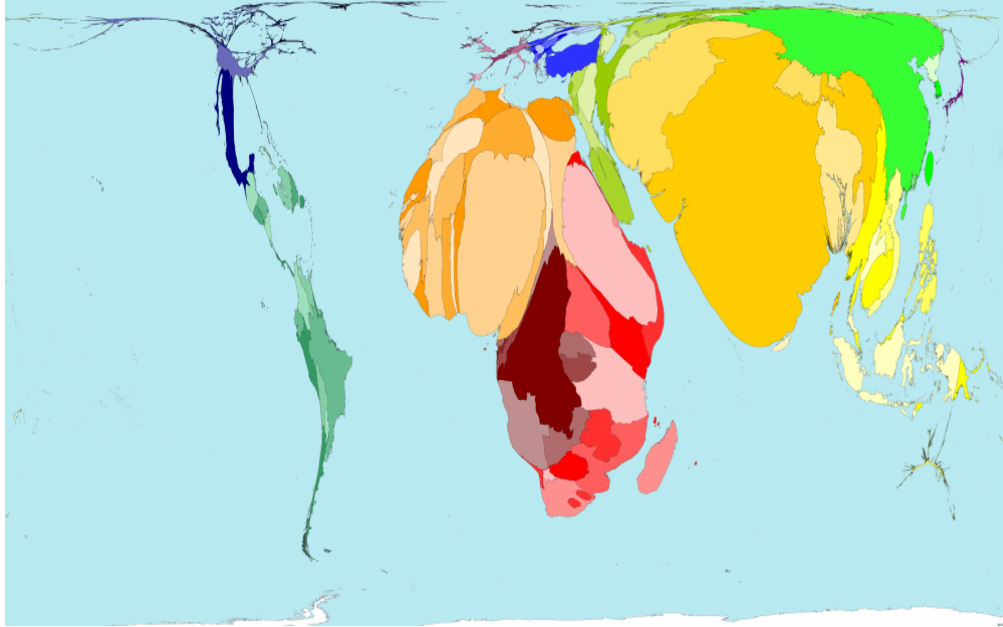
Shann, *PCCM* 2009



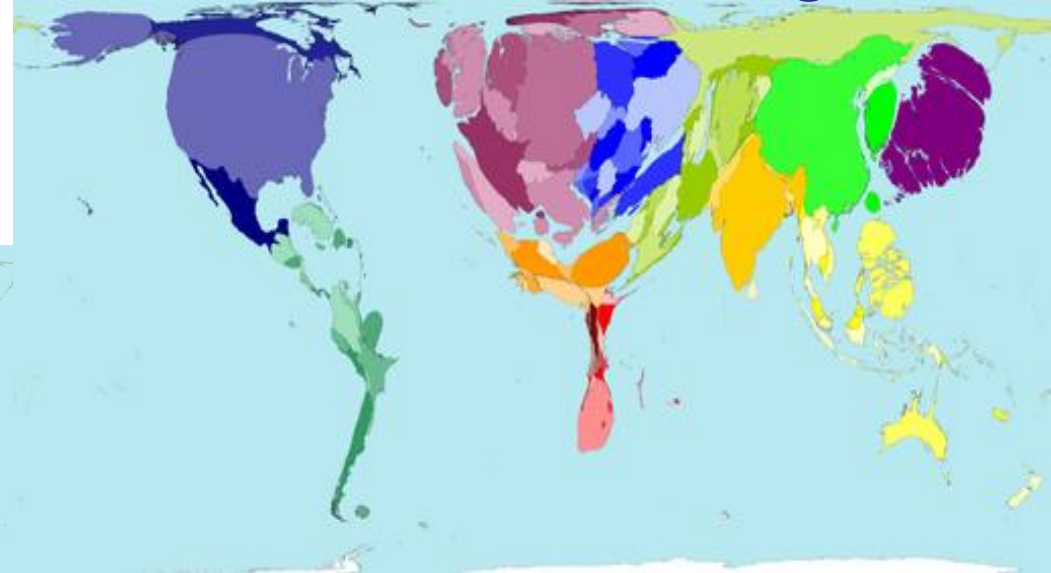
Major causes of death in neonates and children under five, 2004

Source: WHO The Global burden of disease:2004 update (2008)

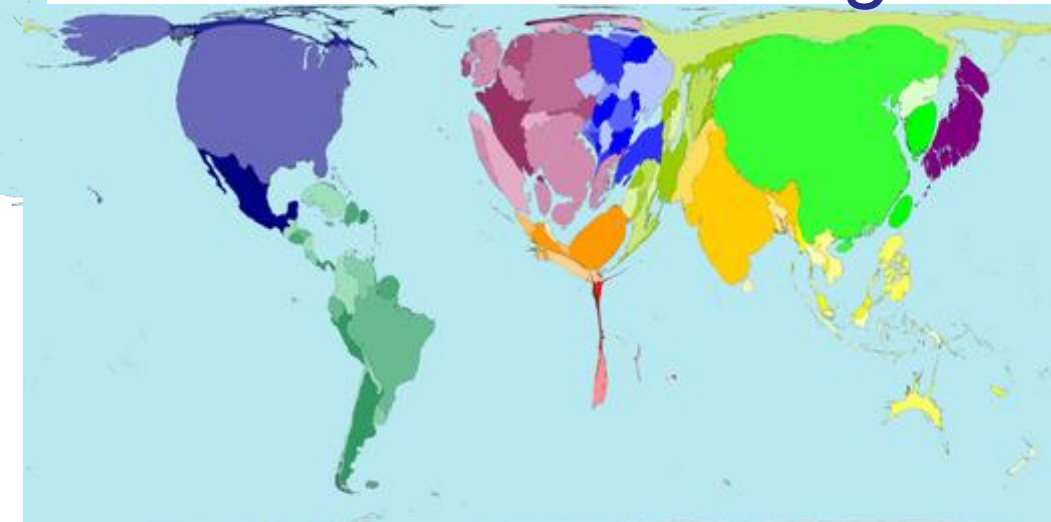
Under 5 Mortality



Nurses Working



Doctors Working



www.worldmapper.com



SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY

2 ZERO HUNGER

3 GOOD HEALTH AND WELL-BEING

4 QUALITY EDUCATION

5 GENDER EQUALITY

6 CLEAN WATER AND SANITATION

7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

10 REDUCED INEQUALITIES

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

13 CLIMATE ACTION

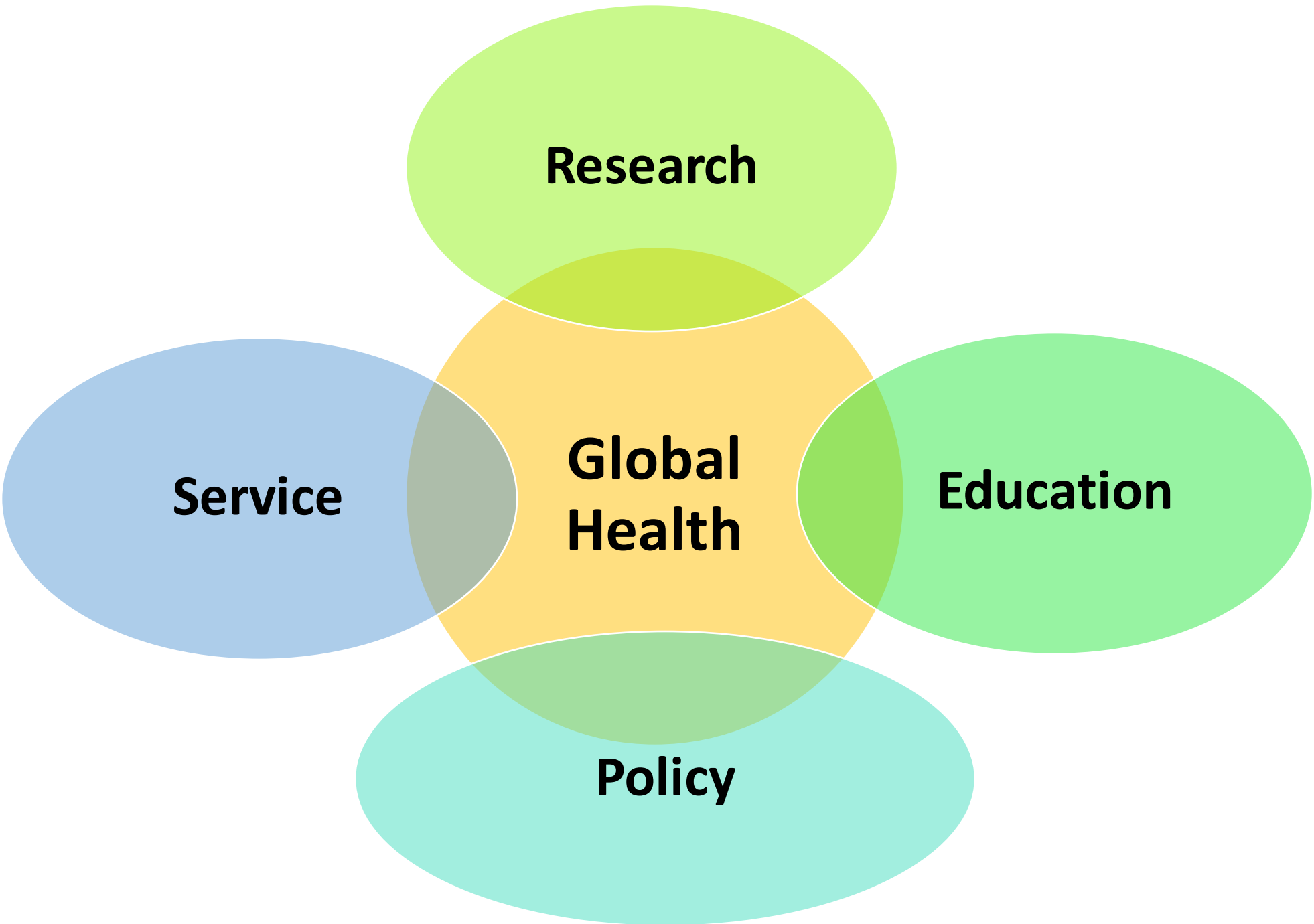
14 LIFE BELOW WATER

15 LIFE ON LAND

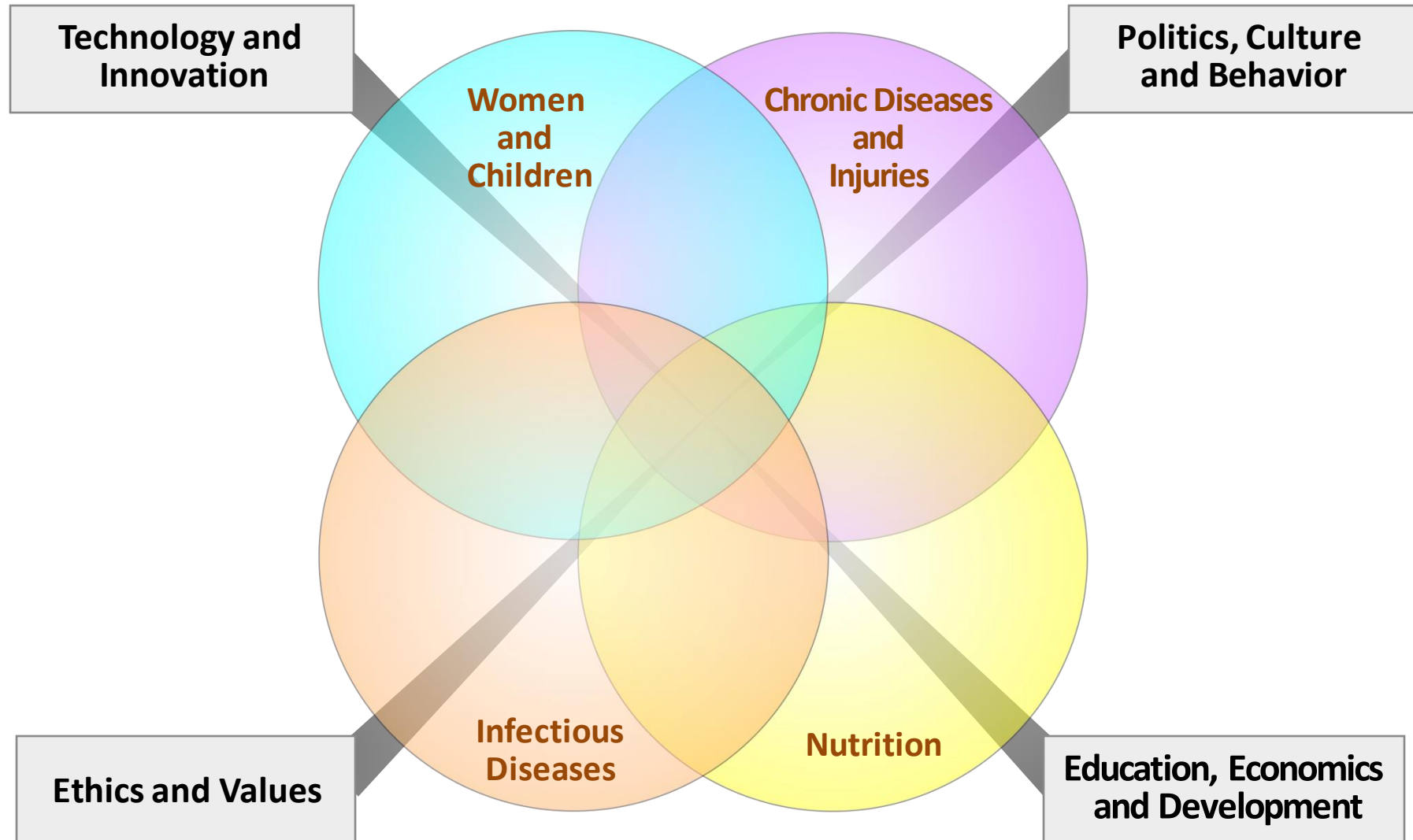
16 PEACE, JUSTICE AND STRONG INSTITUTIONS

17 PARTNERSHIPS FOR THE GOALS

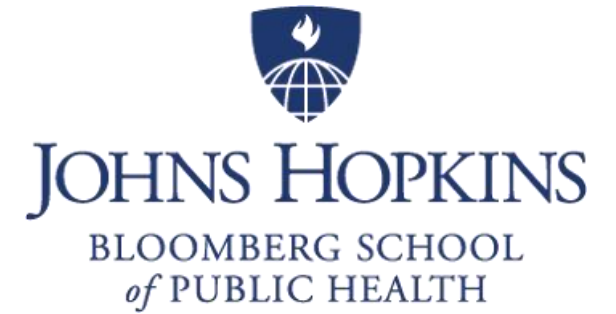
SUSTAINABLE DEVELOPMENT GOALS



Global Health for the 21st Century



Institutional Resources



Johns Hopkins Center for Health Equity

At the Center for Health Equity, we envision a community, a nation, and a world in which every person can achieve his or her best health.

Hopkins Pediatric Global Health Track

The track will leverage relationships and collaborations across the department and the institution including:

Johns Hopkins School of Medicine

[The Center for Child and Community Health Research](#)

[Centro Sol – Center for Salud Health & Opportunities for Latinos](#)

Johns Hopkins University

[Center for Health Equity](#)

[Urban Health Institute](#)

Fogarty Global Health Fellowship

<http://hopkinglobalhealth.org/funding-opportunities/student-and-trainee-grants/ujmt-fogarty-global-health-fellowship>

Global Health Pathway Program

<http://hopkinglobalhealth.org/funding-opportunities/student-and-trainee-grants/global-health-pathway-program-ghpp/>

Alliance for a Healthier World

<https://www.ahealthierworld.jhu.edu/>

[JHPIEGO](#)

Bloomberg School of Public Health

Paul S. Lietman Global Travel Grant for Residents & Fellows

<http://hopkinglobalhealth.org/funding-opportunities/student-and-trainee-grants/housestaff-grant/>

International Center for Maternal and Newborn Health <https://www.jhsph.edu/research/centers-and-institutes/international-center-for-maternal-and-newborn-health/index.html>

Center for Global Health <http://hopkinglobalhealth.org/>

Center for Clinical Global Health Education

<https://main.ccghe.net/>

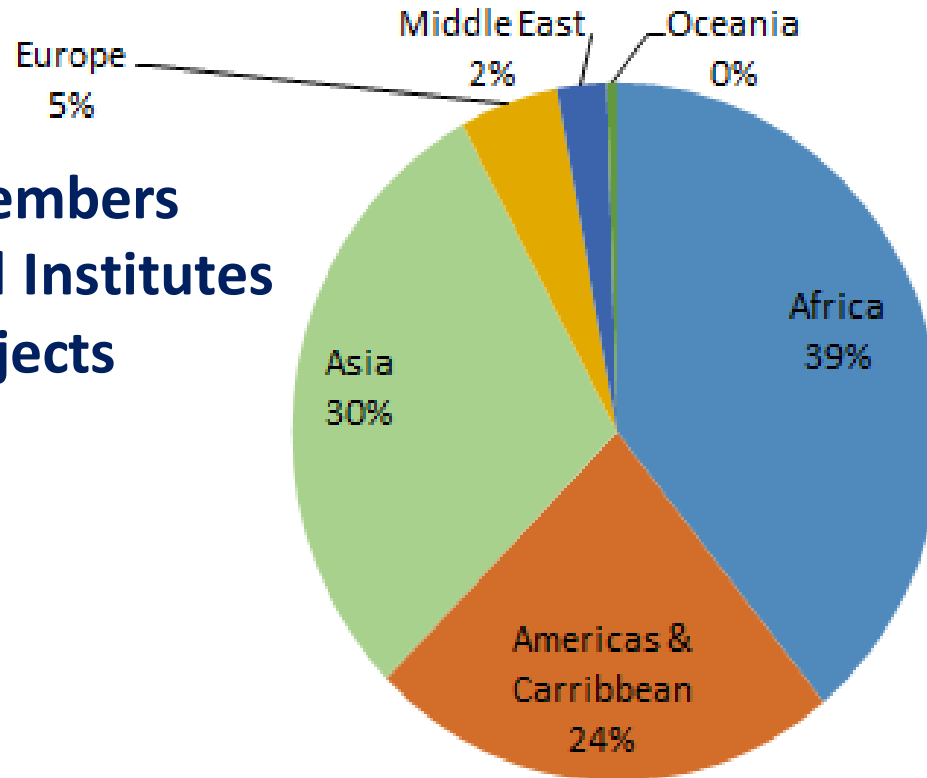
Global Health Opportunities at JHU: Faculty Research Sites



<https://www.jhsph.edu/faculty/research/map>

JHU Faculty Global Health Projects

Projects by Region

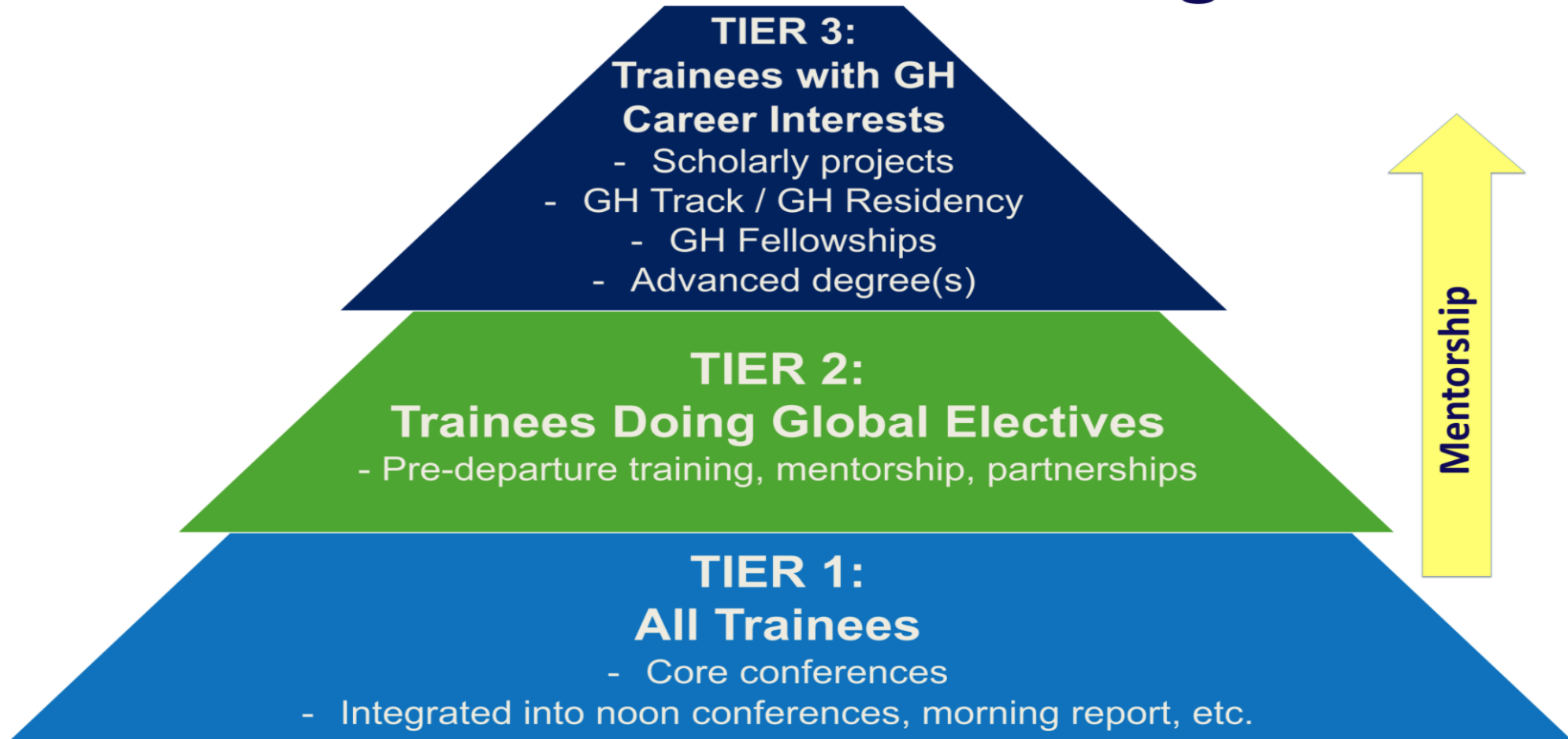


434 Faculty Members
34 Centers and Institutes
915 Active Projects
101 Countries

<u>Topic</u>	<u>Number</u>
Maternal & Child Health	271
HIV/AIDS	202
TB, Malaria, or Other Inf. Diseases	179
Capacity Building/Training	207
Population, Fam Planning, Family	82
Chronic Diseases/Injuries	76
Micronutrients, Nutrition, Water	70
Behavior Change	53
Mental Health	24
Other	75

Track Structure

Tiered Approach for Pediatric Global Health Training



Suchdev et al. A Proposed Model Curriculum in Global Child Health for Pediatric Residents. Acad Pediatr. 2012.
Howard et al. Development of a Competency-Based Curriculum in Global Child Health. Acad Med. 2011.

5 PILLARS OF GLOBAL HEALTH EDUCATION

STATESIDE
CURRICULUM



PRE-DEPARTURE
PREPARATION



GLOBAL HEALTH
ELECTIVE



POST-RETURN
DEBRIEFING



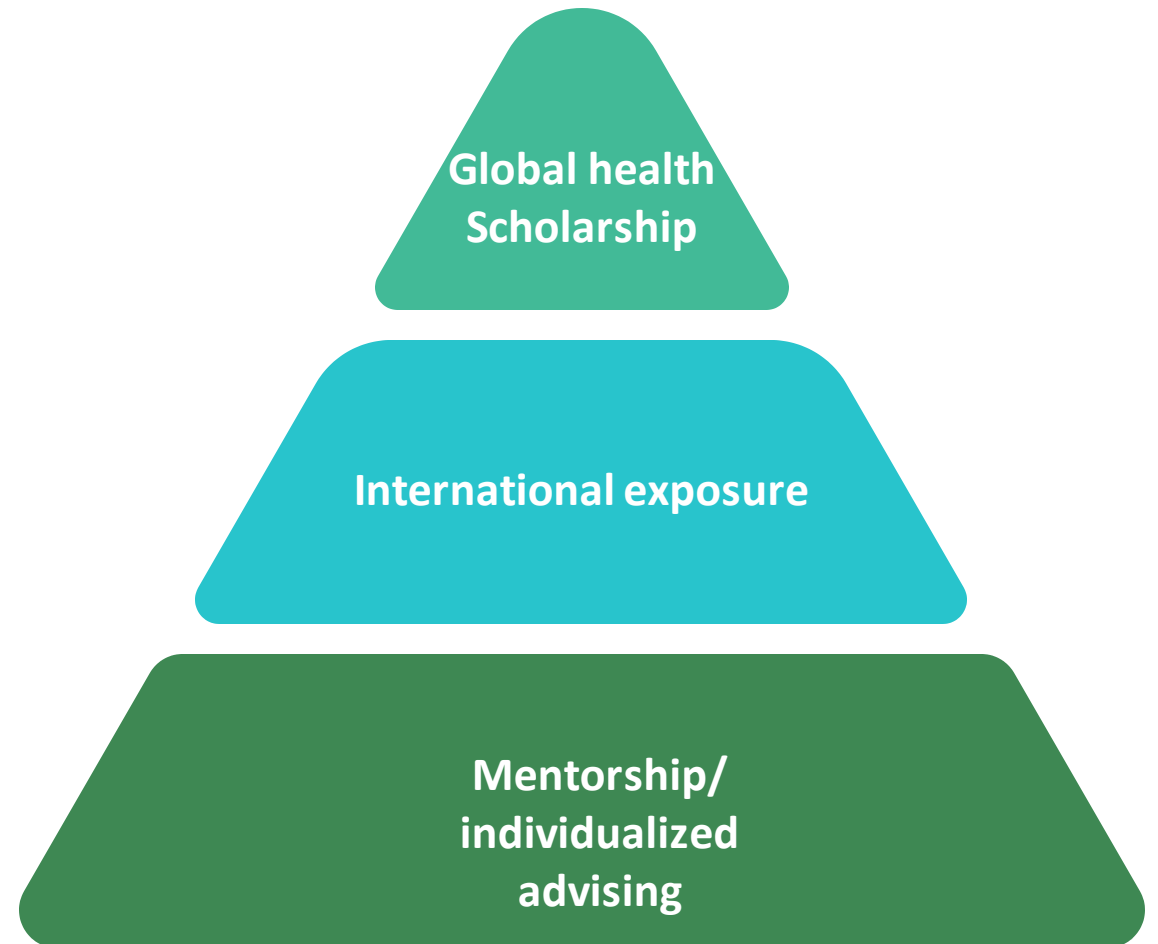
EVALUATION



Elective Requirements: AAP Section on International Child Health

- 4 principles for meaningful international exchange:
 - **Prerequisites**- field placement online coursework and pre-departure simulation curriculum
 - **Preceptorship**- must have adequate supervision and mentorship at international site, during preparation, and for post-elective evaluation and debriefing
 - **Preparation**- sim and ethics curriculum
 - **Evaluation**- must be evaluated by JH faculty member and/or on site (in-country) preceptor

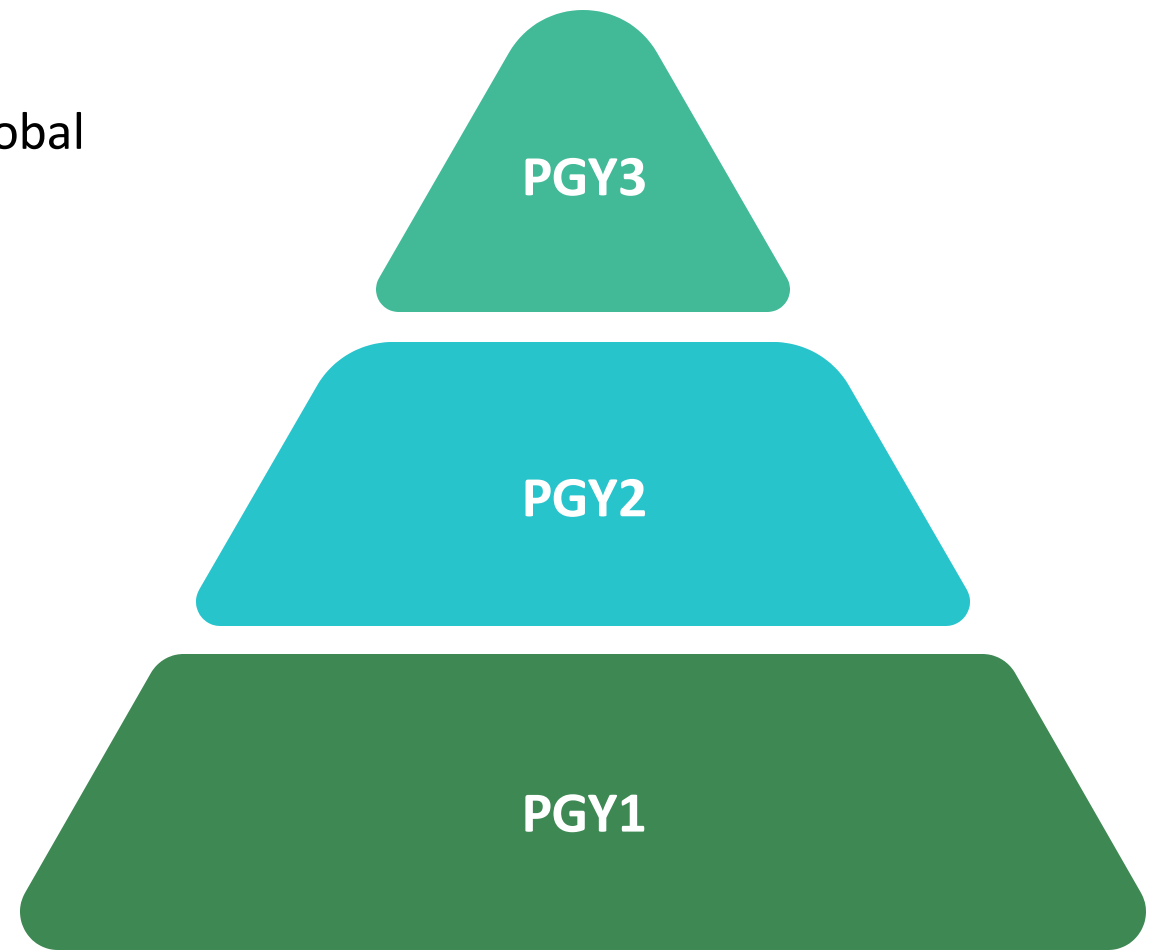
- Capstone project in coordination with mentors in a global health setting
- Facilitate presentation at regional/national meetings
- Coursework at JHBSPH and CGH
- International rotations (minimum 2 months in year 2 and 3)
- Pre-departure simulation training
- Electives and dedicated curriculum with global health focus
- Longitudinal track mentor(s) from Hopkins Faculty
- Linking to institutional resources
- Individualized learning plan



- 1-2 months of elective time dedicated to Global Health individualized learning plan
- Complete capstone project
- Attend national meeting

- 1-2 months of elective time dedicated to Global Health individualized learning plan
- Online Course at JHBSPH
- Begin capstone project

- Global Health selective
- Choose capstone project topic



Throughout residency:

Center for Global Health Curriculum

Quarterly meetings with Track advisory board/project mentor

Global Health Journal Clubs

Serve on Global Health Track Advisory Board



Established Pediatric Elective Opportunities Abroad

- Malawi
- Madagascar
- Morocco
- Bangladesh
- India
- Lesotho
- Nigeria
- Kenya
- Philippines
- Peru
- Haiti
- South Africa
- Sierra Leone
- Create your own



Pre-Departure Simulation Training



Leveraging Virtual Learning for Training in Madagascar



Collaborative Case Discussion Series with International Partners



SPMC PEDIA- JOHNS HOPKINS FIRST CLINICAL CONFERENCE

CASE MANAGEMENT

IDA MARIONNE Q. ARRIOLA, MD

KNOWLEDGE AND LEARNINGS MARCH 2, 2021

The banner features the logos of the Southern Philippines Medical Center Department of Pediatrics and Johns Hopkins University. It includes a grid of participant video feeds, a stethoscope icon, and a bandage icon.



SPMC PEDIA- JOHNS HOPKINS 3RD CLINICAL CONFERENCE

JULY 27, 2021

SPMC PRESENTOR: Maria Rosario Francesca M. Pizarro

The banner features the logos of the Southern Philippines Medical Center Department of Pediatrics and Johns Hopkins University. It includes a grid of participant video feeds, a stethoscope icon, and a bandage icon. A central slide titled "Botulism world-wide" is visible, showing a world map and text: "Plausibility of mandated reporting and recognition of disease" and "Top countries: USA, Argentina, Australia, Canada, Italy, Japan".

Nigeria- Perioperative Research on sedation protocols in LRS



Health System Capacity Building: Creating Train the Trainer Programs



Public Health Epi Research: Dengue Season in Philippines



Clinical Immersion Rotations: Tygerberg Hospital, South Africa
Kamuzu University of Health Sciences, Malawi
Motebang Hospital, Lesotho



Sierra Leone Postgraduate College of Health Specialties- Residency Program Curriculum Development



The Mama-Pikin Foundation



Dr. Sunaina Kapoor MD, MPH
Harriet Lane Chief Resident 2022-2023



Teaching WHO ETAT courses in Lesotho



Bidirectional Longitudinal Partnerships



Elective Opportunities: Domestic = “Local Global”

- Advocacy rotations
 - Baltimore city health department
 - Maryland state health department
 - National AAP elective
- Latino Health Elective
- International Adoption Elective
- Immigrant and Refugee Health Elective
- International Rescue Committee (IRC) project
- Baltimore Child Abuse Center
- Centro Sol
- Indian Health Service – Tuba City, Arizona and Shiprock, New Mexico
- Disaster Medicine
- Pandemic local global health electives and research projects

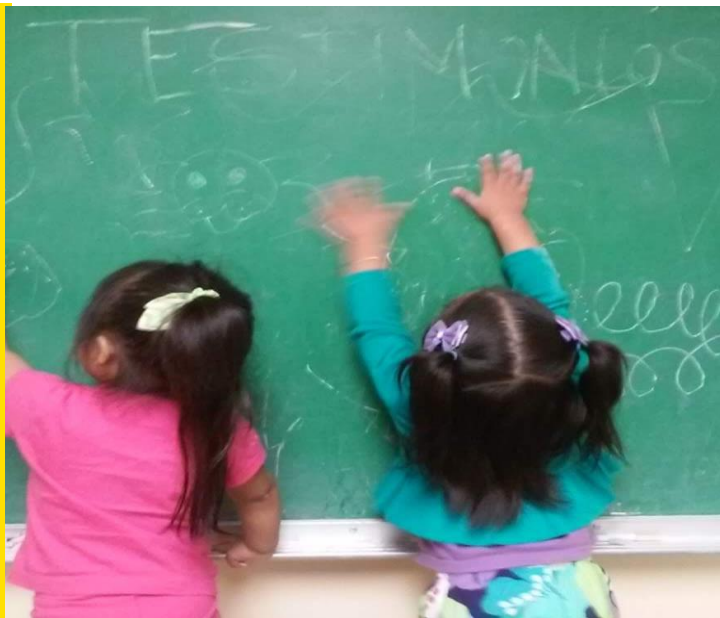


Local Global Health in Baltimore: Centro Sol – Center for Salud Health & Opportunities for Latinos

Misión

Mission:

To promote equity in health and opportunity for Latinos by advancing clinical care, research, education, and advocacy at Johns Hopkins and beyond in active partnership with our Latino neighbors.



PROMOTING EQUITY IN
HEALTH & OPPORTUNITY
FOR LATINOS

PROMOVIENDO
IGUALDAD EN SALUD Y
OPORTUNIDAD PARA
LOS LATINOS

Johns Hopkins Centro SOL

Mason F. Lord Building, Center
Tower Suite 4200

5200 Eastern Ave. Baltimore, MD
21224

410-550-1129 | centrosol@jhmi.edu



@JHCENTROSOL

www.jhcentrosol.org



Áreas centrales

1. Community Engagement

2. Equity

3. Education

4. Research

5. Clinical Innovations



Programs

Health Promotion & Clinical Innovation:

- **Health Ambassadors** provides lectures about health and an exercise group
- **Testimonios Support Group**
- **Teen Testimonios**
- **Esperanza Center**
- **The Access Partnership (TAP)**
- **Suicide Prevention Emergency**

Research & Access:

- **Policy & Advocacy Workgroup**
- **Language Access**
- **Latino Family Advisory Board**
- **Latino Health Conference**
- **NIH & PCORI funded research**
- **Research Consultation Services** for recruitment, translation, and strategy



State Capital Advocacy

Domestic Health Equity and Advocacy Opportunities



AAP Advocacy Elective in DC



B'More Fit for Kids

Global Health Opportunities at School of Public Health- Coursework

- Coursework at SPH
 - Residents can take up to **16 credits per year free** of charge!
 - Some courses are available online and can be done during elective time
 - All track residents required to do Coursera (online) **International Travel Preparation course**
 - Some examples of other courses offered at SPH:
 - 220.601 Foundations of International Health
 - 221.627 Issues in the Reduction of Maternal and Neonatal Mortality in Low Income Countries
 - 221.646 Health Systems in Low and Middle Income Countries
 - 223.663 Infectious Diseases and Child Survival
 - 223.686 Child and Public Health in the Tropics

Scholarship Opportunities

Global Health Day 2019

This year's Global Health Day featured keynote speaker Dr. Michele Barry, a poster session with more than 94 posters and a morning talk on women's leadership in global health. Join us in congratulating awardees in faculty mentorship, global health photography, and student posters!





Bill & Melinda Gates Institute for
Population and Reproductive Health

GLOBAL HEALTH LEADERSHIP ACCELERATOR

SEPTEMBER 16-27, 2019 | BALTIMORE, MD

A STIMULATING, INTENSIVE TWO-WEEK LEADERSHIP TRAINING, IN THE COMPANY OF SOME OF THE BRIGHTEST MINDS AND MOST ACCOMPLISHED PRACTITIONERS IN PUBLIC HEALTH

HOSTED BY THE BILL & MELINDA GATES INSTITUTE FOR POPULATION AND REPRODUCTIVE HEALTH AT THE JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH

Track Funding

- Residents in track receive grants from Johns Hopkins Center for Global Health
- Can be spent on travel, accommodations, research support, project needs
- Often supplemented by faculty research grants
- Paul S. Lietman Global Travel Grant for Residents & Fellows
<http://hopkinglobalhealth.org/funding-opportunities/student-and-trainee-grants/housestaff-grant/>
- Alliance for Healthier World Launchpad and Impact Grants:
<https://www.ahealthierworld.jhu.edu/funding>

Pediatric Residency Global Health Track

Advisory Board and Mentors



Eric McCollum, MD
Division of Pediatric
Pulmonology
Lesotho, Africa
South Africa, Malawi,
Bangladesh



Mathuram Santosham, MD, MPH
Senior Advisor
International Vaccine
Access Center



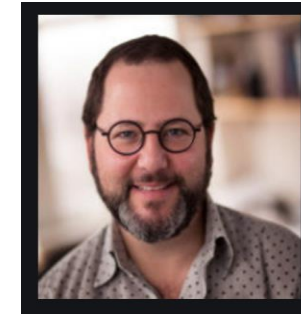
Nicole Salazar-Austin, MD MPH
Division of Pediatric
Infectious Diseases
BPAI



Bob Bollinger, MD
Director of Center for Clinical
Global Health Education



Andrea Ruff, MD
Program Director,
Global Disease Epidemiology
and Control JHSPH



Naor Bar-Zeev, MD, PhD, MPH
Director of Epidemiology
JH International Vaccine
Access Center



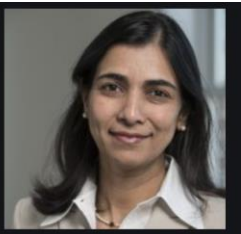
Karen Schneider, MD
Division of Pediatric Emerg Med
Clinical Immersion Tropical
Medicine Rotations:
Haiti, Kenya, Nigeria, Guyana



Julia Johnson, MD, PhD
Division of Neonatology
Neonatal sepsis research (India)
Quality improvement research
(Ethiopia)



Anna Kalbarczyk MPH
Assistant Director,
JH Center for Global Health



Anita Shet, MD PhD
IVAC and Department of
International Health
School of Public Health



Abdulla Baqui, MBBS
Director, International Center
For Maternal and Newborn
Health

GH Track Alumni



Dr. Elshaddai Ephrem

Now practicing primary care in Arlington, Virginia

Residency track project site: Ethiopia, newborn resuscitation and care prior to discharge



Dr. Katherine Cummings

Now practicing primary care pediatrics in upstate New York

Residency track project site: Lesotho

Current GH Track Residents- PGY 3



Dr. Mallika Rajamani

Interests: neonatology,
palliative care

Experience: MPH in maternal
and child health, work in Haiti
and India

Track project site: India,
working with mentor at Johns
Hopkins International Vaccine
Access Center (IVAC)



Dr. Kaysha Henry

Interests:
behavioral/developmental
pediatrics

Experience: MPH capstone
project in Belize

Track project: menstrual
hygiene management in low
resource settings (Sierra
Leone, Morocco)

Current GH Track Residents- PGY 2



Dr. Andy Koltun

Interests: infectious diseases and equitable population health systems in LMICs

Experience: community health and redevelopment initiatives in Uganda and Columbia

Track project based in South Africa



Dr. Sarah Benett

Interests: Medical Education, Implementation of developmental screening in limited resource settings

Experience: Project in neurodevelopment in children in Uganda

Track project based in Kenya

Current GH Track Residents- PGY 1



Dr. Dilys Osei

Interests: improving access to care, safe transportation of critically ill patients in limited resource settings

Prior Experience: refugee health in DRC



Dr. Charlotte Gemes

Interests: immigrant health, primary care

Prior Experience: Public health research in South Africa and Rwanda