

Harvard Humanitarian Initiative Impact Report

2022



**HARVARD
HUMANITARIAN
INITIATIVE**

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Message from Our Leaders



MICHAEL VANROOYEN, MD, MPH

Director

HHI's mission to support the global humanitarian community has never been more crucial or complex. With the support of our donors, HHI has been able to take on new programs to respond to the challenges of climate change, humanitarian access, and vulnerable populations. Our online programs and

leadership development initiatives are reaching more field-level humanitarians than ever before. Our research is guiding and informing evidence-based humanitarian action in the world's most challenging settings. I remain deeply grateful for the generosity of our supporters who have helped us lead innovations in humanitarian response. Together, we are truly making the world a better, safer place.



IRINI ALBANTI, DRPH, MPH, MA

Executive Director

In 2022, HHI continued to improve the lives of communities in humanitarian crisis through innovative, impactful, and thoughtful research and education. This year's report highlights ways our mission-driven team members are forming powerful cross-sector collaborations to create sustainable systems and effectively respond to humanitarian emergencies. I am proud that HHI reached over 28,000 individuals in 185 countries in the past year, operated 20 programs, and sustained 136 partnerships. Our team consisted of 60 staff, faculty, students, and visiting scientists. Our budget increased from \$18.1 million to \$21.6 million and we successfully managed 35 grants, 10 gifts, and 4 endowments. My vision is to build upon HHI's unique position as a convener and engage with like-minded people from various industries to collectively impact change globally. I extend my gratitude to our dedicated and passionate team and all our supporters who share HHI's mission and strive daily to decrease inequities around the world.

Who We Are

The Harvard Humanitarian Initiative (HHI) is a university-wide academic and research center focused on humanitarian crises and leadership. HHI aims to promote interdisciplinary dialogue in pressing humanitarian issues, advance the science and practice of humanitarian response worldwide, and improve the lives of communities in war, conflict, and natural disasters.



Our Mission

Create new knowledge and advance evidence-based leadership in disasters and humanitarian crises

Our Vision

Humanitarian aid will be based on scientific evidence and humanitarian principles and will preserve the human rights, autonomy, and dignity of those affected by crises



Our Values

- Innovation
- People-centric
- Impact-driven

Our Guiding Principles

- Protect human dignity
- Promote equity and inclusion
- Build global and local partnerships



Our Why

Humanitarian crises include recent wars and conflict-based disasters that involve civilian populations as indirect or deliberate targets, violate established norms of war, and impede global progress. Humanitarian crises also include natural disasters, pandemics, and emergencies that lay bare issues of environmental degradation and disregard for local communities, and are often accompanied by disease and famine.



347.7 million people in need of humanitarian aid.



As of May 2022, **100 million** children, women and men were displaced by spiraling crises around the world.



387 natural hazards and disasters worldwide, resulting in the loss of 30,704 lives and affecting **185 million** individuals.



80% of refugees are hosted in countries affected by acute food insecurity and malnutrition.



Better weather data along with early warning and emergency management systems reduce physical damage and economic losses. Universal access to early warning systems can deliver benefits up to **10x** the initial cost.



Approximately **1 billion** children—nearly half the world's **2.2 billion**—live in one of the 33 countries classified as “extremely high-risk” for climate change impacts.



1 in 5 people have experienced discrimination on at least one of the grounds prohibited under international human rights law.



Natural disasters caused **\$313 billion** in economic loss globally in 2022.

See page 63 for source references

Our Impact

20
PROGRAMS

5,859
INDIVIDUALS
TRAINED

136
PARTNERS

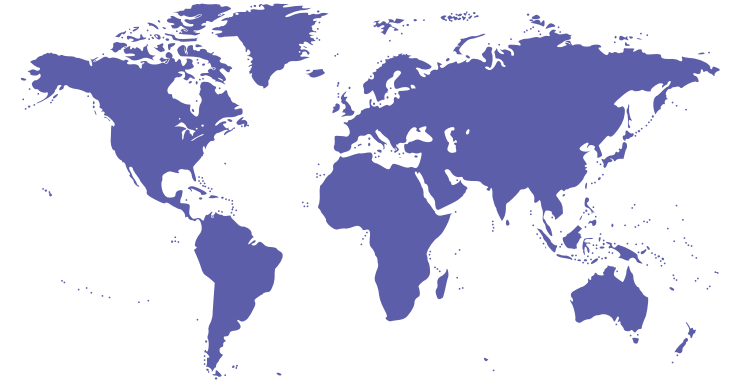


22,261
INTERVIEWS
CONDUCTED

129
PUBLICATIONS

96+
PRESENTATIONS

Our Impact



185+
COUNTRIES REACHED



28,000+
PEOPLE IMPACTED BY
OUR RESEARCH AND
EDUCATION PROGRAMS

Our Work

HHI's extensive portfolio of education and research programs represents all stages in the humanitarian response spectrum from emergency preparedness to reconstruction and community resilience.

We are committed to building and expanding education and research programs that develop methods to understand humanitarian crises, analyze policies, design tools to evaluate the impact of interventions, and prepare the next generation of humanitarians.

Our work focuses on:

| | |
|--|---|
|  | Geographic areas in crisis: <ul style="list-style-type: none">• Local in Boston• National in the United States• Global in the world |
|  | Humanitarian crises: <ul style="list-style-type: none">• Disease outbreaks and epidemics• Natural disasters• Conflicts and wars• Complex emergencies |
|  | Populations or communities in crisis: <ul style="list-style-type: none">• Women and children• Indigenous communities• Displaced people, migrants, and refugees• Vulnerable populations |
|  | All aspects of life impacted by a crisis: <ul style="list-style-type: none">• Health and human rights• Technology and security• Political and social situation• Climate, food, and energy |

Our Work

Harvard Humanitarian Initiative

| | |
|--|---------------------------------|
| Humanitarian Academy at Harvard | Research and Translation |
| Professional Education | Humanitarian Strategies |
| Sponsored Education | Risk, Resilience, & Response |
| Harvard Students | Technology and Innovation |



Humanitarian Academy at Harvard

HHI creates online, hybrid, and in-person trainings designed to prepare students, practitioners, and emerging leaders to succeed in the humanitarian field.



Professional Education

Our Professional Education programs train emerging leaders, executives, and practitioners on best practices to maximize impact in their humanitarian work.



Sponsored Education

Our Sponsored Partner Education programs provide practitioners and students with free online courses on the fundamentals of humanitarian response.



Harvard Students

Our Harvard Education aims to prepare Harvard undergraduate and graduate students to enter humanitarian careers.

National NGO Program on Humanitarian Leadership

Faculty lead: Vincenzo Bollettino, PhD



Mission

Provide dynamic and relevant trainings that help learners build their skills, knowledge, and confidence to take on leadership responsibilities in humanitarian organizations.

Team

Godfred "Kofi" Nyarko, MA
Karima Rehmani, MA
Chloe Rudnicki



Program active since 2016

100+
Organizations
represented
by participants

1238
Humanitarians
reached via
knowledge sharing

122
Humanitarians
trained

Program Activities

- **Intensive Training:** Four three-month blended learning programs, five-day regional intensive trainings were held in 2022.
- **Online Course:** Open-access e-learning courses.
- **Community of Practice:** Webinars, alumni instruction, coaching and mentorship, and research.

Training Areas

- Adaptive Leadership
- Management
- Psychological Resilience

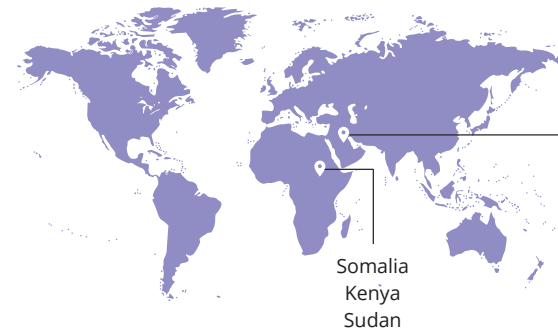
The NNPHL Community

NNPHL serves mid-career humanitarians



96% overall course satisfaction rate

7 Geographic Areas Reached



Yemen
Lebanon
Jordan
Palestine

Somalia
Kenya
Sudan

Global Executive Leadership Initiative

Faculty Lead: Michael VanRooyen, MD, MPH



Mission

Support executive leaders across the humanitarian and development sectors through self-reflection and growth to reach their full potential and drive more effective action for people across the globe.

Team

Emily Ing, MA
Luciana Vosniak, MLA



Program completed in 2022

22
Countries
reached

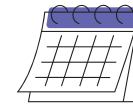
5
Workshops
held

19
Surveys
conducted

3 Residencies



12 Month Format



24 Participant Cohort



The GELI team leads the Executive Leadership Program course which aims to support executive leaders across the humanitarian and development sector. Leaders go on a journey of self-reflection and growth to realize their full potential and drive more effective action for people across the globe.

Residency Locations



01
Online
due to COVID

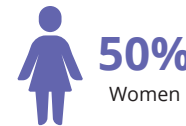


02
Dubai
United Arab Emirates



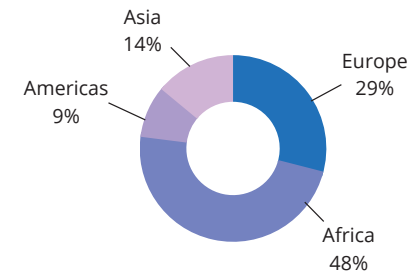
03
Boston, MA
United States

Gender Identity of Participants



50%
Women

Region of Origin of Participants



Building a Better Response

Faculty Lead: **Phuong Pham, PhD, MPH**



Mission

Provide foundational training in the international humanitarian coordination system for NGOs and others wishing to improve coordination in disaster response.

Team

Michael de St Aubin, MDes
Ynis Isimbi, MSc
Sophia Kaufman, MPH, MPhil
Rodger LeGrand, MFA
Kofi Nyarko, MA
Karima Rehmani, MA
Do Kyung Ryuk, MS
Laura Tourtellotte, PhD
Jackson VanRooyen
Luciana Vosniak, MLA
William Wang, MBA



Program active since 2013

224
Countries and territories reached

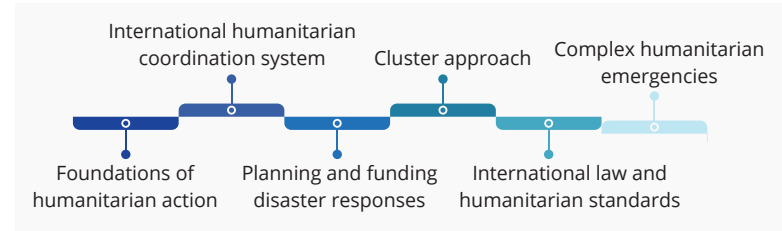
85,000+
E-learning users since original launch

3
New languages added

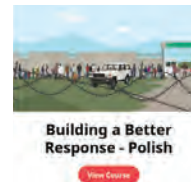
Milestones

- Website redesign: updated color palette, characters, and logo
- Content: revised module scripts
- Additional languages and translations added
- Humanitarian in Focus Videos: Filmed season 5 on topics including climate change, negotiations & access, and pandemics & COVID-19

Training Modules



BBR's Responses to Humanitarian Crises



Russia's invasion of Ukraine

February 2022

4 modules translated into Ukrainian and Polish
1000 users in first 72 hours after publication
3,000+ users have accessed the course

Earthquake in Türkiye and Syria

February 2023

4 modules translated into Turkish

Harvard Students

Faculty Lead: Sean Kivlehan, MD, MPH



Mission

Help students, practitioners, emerging leaders and executives succeed in the humanitarian field.

Team

Hama Othman, MBA, MA
Sabrina Sarli



Program active since 2011

25

Enrolled Humanitarian Studies Concentration students

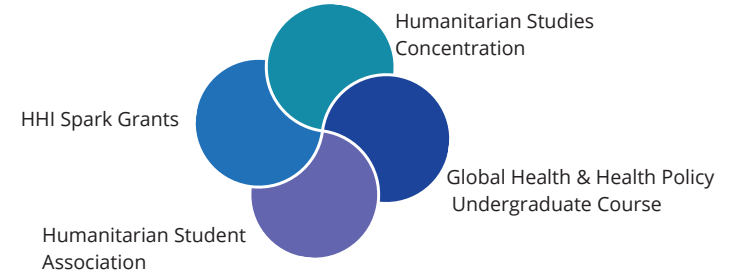
2

Fairs and Expos held

27

Humanitarian Studies Concentration students graduated

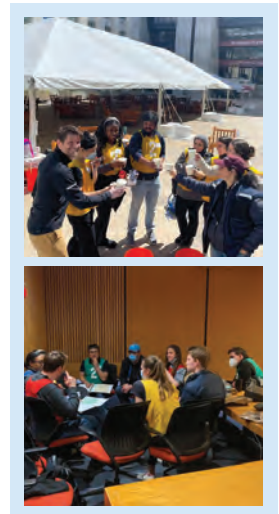
Program Areas



Tabletop Simulation

On April 29–30, 2022, the Harvard Humanitarian Initiative held its annual flagship humanitarian response simulation. Due to the pandemic, the simulation was held at the Harvard T.H. Chan School of Public Health and Harvard Medical School instead of Harold Parker State Forest.

Working in teams representing different NGOs, 60 graduate students from Harvard, Tufts, and MIT engaged with 90 volunteer actors to create an aid delivery plan in response to a complex humanitarian crisis scenario.



Research and Translation

Programs at HHI explore topics critical to communities affected by crises, such as disaster preparedness, risk resilience, humanitarian negotiation, gender-based violence, program evaluation, and the ethical use of data in humanitarian settings.

HHI has been particularly active in identifying and developing emerging trends and themes in the sector: the humanitarian triple nexus, the localization of aid, the proliferation of digital technologies, and the negotiation and leadership skills necessary to manage complex emergencies.



Executive Negotiation Project

Faculty Lead: Michael VanRooyen, MD, MPH



Mission

Develop the professional skills of humanitarian leaders of all levels, in negotiation, conflict resolution, and community engagement.

Team

Patrick Vinck, PhD
Niamh Gibbons, JD
Emily Ing, MA
Ynis Isimbi, MSc
Saira Khan, MSc
Rodger LeGrand, MFA
Anaide Nahikian, PhD, MSc
Luciana Vosniak, MLA

EXECUTIVE NEGOTIATION PROJECT
ADVANCED STRATEGIES FOR HUMANITARIAN LEADERS

Program completed in 2022

6

Countries reached

13

Trainings held

232

Professionals trained

Technologies in Humanitarian Settings: Engagement and Local Innovation Playbook

The playbook was developed as a tool for anyone interested in ensuring that humanitarian technology is rooted in local engagement and support for local innovation: Frontline humanitarian workers, humanitarian organizations, technologists, donors, or community leaders.



Voices from ENP 2022 Workshops

“What surprised me a lot was I had the expectation the course could flow as a regular/typical training with lecturers, a lot of exposing issues, and so on. Oppositely, this was one of the most practical and participatory training I ever had. Bringing everyone's ideas and experiences and sharing them with others was a must.”



“The course allowed me to gain a better insight into humanitarian approaches and how best to act in a given situation where I can be empathetic towards a cause but not losing the ability to understand the other party whose belief is different from mine or if there is political views involved.”

Evaluation and Implementation Science

Faculty Leads: **Phuong Pham, PhD, MPH** and **Patrick Vinck, PhD**



Mission

Develop assessment strategies to address the needs of individuals, families, and populations affected by war.

Team

Abdulrazzaq Al-Saied, MS
Mychelle Balthazard, PhD
William Bertrand, PhD
Dramane Diallo
Katrina Keegan, MSc
Anupah Makoond, MBA, MSc
Edward Sloan
Laura Tourtellotte, PhD

Learning partnerships and accountability to enhance humanitarian response

Program active since 2014

4

Publications

6

Presentations

1

Regional project

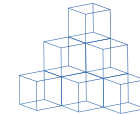
Overview

Micro Level



Collaboration with NGOs, UN agencies, international humanitarian organizations, and local civil society organizations to develop monitoring and evaluation research for their specific programs.

Macro Level



Platform development for monitoring and evaluation of population-based assessments worldwide ([Peacebuildingdata.org](https://peacebuildingdata.org)) to assess local community needs, monitor progress, and measure impact.

Responses to forced displacement in the Sahel region



40

People Trained



6,000

People Interviewed

Peace and Human Rights Data & Transitional Justice Programs

Faculty Leads: Phuong Pham, PhD, MPH and Patrick Vinck, PhD



Peace and Human Rights Data & Transitional Justice Programs

Conduct research and capacity building in countries experiencing complex emergencies and serious human rights and international humanitarian law violations.

Support evidence-based and victim-centered transitional justice mechanisms.



13

Publications



14

Presentations



5

Active projects

Overview

The Peace and Human Rights Data program trains researchers and uses empirical and mixed research methods to consult, represent, and support survivors of mass violence and disasters.

The Transitional Justice Program generates evidence for enhancing existing transitional justice mechanisms to meet victims' needs and expectations while exploring innovative, flexible, and context-specific approaches.

Team

Abdulrazzaq Al-Saied, MS
Jessica Angel
Mychelle Balthazard, PhD
William Bertrand, PhD
Emma Catalfamo
Craig Etcheson, PhD
Laura Tourtellotte, PhD
Thomas O'Mealia, PhD, MA

Programs active since 2011

Program on Gender, Rights, and Resilience

Faculty Lead: Jocelyn Kelly, PhD, MS



Mission

Investigate and address issues relating to gender, peace, and security in fragile states.

Team

Ankita Panda, MPP
 Bharathi Radhakrishnan, PhD
 Vandana Sharma, MD, MPH
 Gabriella Vavala, MPH
 Emma Willcocks, MS



Program active since 2008

9
Countries reached

14
International presentations

32
Partners

GBV risk mitigation global guidance

Creation of global guidance with UNICEF on how to measure GBV risk mitigation in humanitarian crises published on the Inter-Agency Standing Committee (IASC) website



Project Spotlight: Address Gender Biases within Humanitarian Organizations Implementing GBV Programs

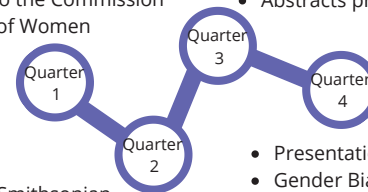
- Conducted a global survey of humanitarian practitioners to measure and understand gender bias in the workplace across 7 key areas
- 57% of respondents reported experiencing gender bias at work
- Collected 85 qualitative examples of gender bias

FIGURE 1. GENDER BIAS FRAMEWORK & GENDER BIAS IN THE HUMANITARIAN SECTOR

| Seven Areas | Area 1 | Area 2 | Area 3 | Area 4 | Area 5 | Area 6 | Area 7 |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| Gender Equality | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| Gender Bias | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Gender Bias Framework | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Global Humanitarian Sector (N=172) | 63% | 51% | 40% | 40% | 37% | 23% | 24% |
| Emergency Humanitarian Sector (N=148) | 23% | 26% | 13% | 13% | 8% | 3% | 3% |

Milestones

- Presentation to the Commission on the Status of Women
- Featured in Smithsonian "Designing Peace Exhibit"
- UNWIDER conference presentation in Helsinki
- Gender Bias study presentation at Connors-BRI Symposium
- Yemen Human Trafficking project launch
- Abstracts presented at SVRI conference
- Presentation to NATO on Resilience
- Gender Bias Dissemination Workshop
- Awarded Burke Grant on Gendered Dimensions of Climate Change
- Correspondence to Lancet Global Health accepted on Gender Bias in Global Health Imagery



Program on Resilient Communities

Faculty Lead: Vincenzo Bollettino, PhD



Mission

Use evidence-based and collaborative approaches to understand how people prepare for and experience disasters.

Team

Patrick Vinck, PhD
Juan Chaves, MA
Mark Daza
Lea Manzanero, MA
Nicolas Rost, PhD
Kendra Sterneck
Hannah Stoddard, MPA



Active since 2015

2

Countries reached

5

Presentations

7

Peer-reviewed and media publications and reports

Program Goals



Gather population-based data on how communities are preparing for, responding to, and recovering from disasters caused by natural and climate-related hazards



Convene actors working within and around disaster preparedness, response, and recovery to promote knowledge exchange across disciplinary boundaries



Provide data to support program and policy decision-making via media stories, peer-reviewed publications, reports, briefs, social media, and other pathways



40,459 People reached through social media

Infectious Diseases and Epidemics Program

Faculty Lead: Eric Nilles, MD, MSc



Mission

Reduce the impact of infectious disease on low-resource, emergency-affected, and marginalized populations.

Team

Margaret Baldwin
 Michael de St. Aubin, MDes
 Devan Dumas, MPH
 Salomé Garnier
 Kate Roberts, MPH
 Dan Schnorr, MD



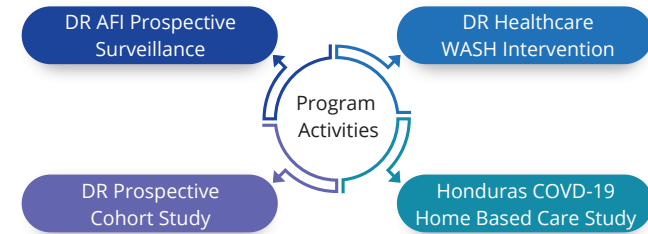
Program active since 2018



In 2022, IDEP operated in the Dominican Republic (DR) and Honduras.

Program Goals

1. Conduct research and scholarship to inform interventions and policies that prevent or minimize the impact of infectious diseases
2. Convene national and international stakeholders to define research priorities and share best practices
3. Collaborate with ministries of health, NGOs, UN agencies, and academia to translate research to policy



Program Highlights



18,348
Tests Performed

- 8,094 PCR lab tests in DR
- 1,255 Antigen tests in DR & 3,935 in Honduras
- 5,064 antibody tests at BWH and CDC labs



264 Specimens
Sequenced

- 42 Samples sequenced in DR National Lab
- 7 Variants identified
- 41 Subvariants identified



Community
Distribution

- 1,037 Hand hygiene kits given to DR cohort study participants
- 902 Hand hygiene kits given to Honduras HBC patients

Emergency Health Systems

Faculty Lead: Sean Kivlehan, MD, MPH



Mission

Strengthen emergency care delivery globally.

Team

Uche Anigbogu, MD
Morgan Broccoli, MD
Joshua Drake
Catalina González Marqués, MD
Katie Murray, LLM
Lea Sinno, RD, MPH

Ensuring local voices and expertise at all stages of emergency care system development and humanitarian response

Program active since 2019

5
Countries reached

16
Peer-reviewed
publications

119
Trainings conducted

Project Streams

Basic Emergency Care

- Basic Emergency Care Courses in Liberia and Kenya
- 4 trainings in 2022 reaching 64 participants
- 100% participant satisfaction



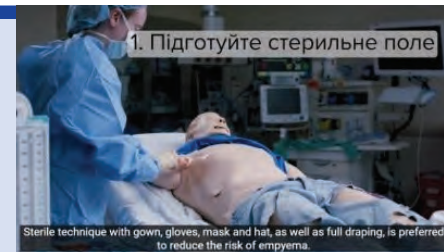
Ukraine Trauma Training

- 81 instructors from 52 organizations across 8 countries, with over 75% HHI-affiliated faculty or referrals
- 7 course streams
- 90+ course trainings reaching 3,000+ participants

Save a Life Video Initiative

Designed for laypersons and public safety professionals to use in real-time or to review beforehand to respond to a variety of conflict-related trauma events and to save lives.

There are 26 new and 9 rebranded videos to date.



Okoa Maisha Save a Life Initiative

- Trains motorcycle taxi and three-wheeled vehicle drivers in basic bleeding control in Dar es Salaam, Tanzania
- 25 trainings held in 2022 reaching over 200 participants
- 200 basic bleeding control kits assembled

BEPREPARED Project

- Provides technical expertise in emergency care systems capacity building
- In collaboration with Boston Children's Hospital and Children in Crisis program

Humanitarian Action and the Environment

Faculty Lead: Timothy Erickson, MD, FACEP, FACMT, FAACT



Mission

Advance the science, technology, and practice in humanitarian and environmental health in global conflict and emergency management disaster settings.

Team

Sonny Patel, MPH, MPhil



Program active since 2020

12
International presentations

8
National presentations

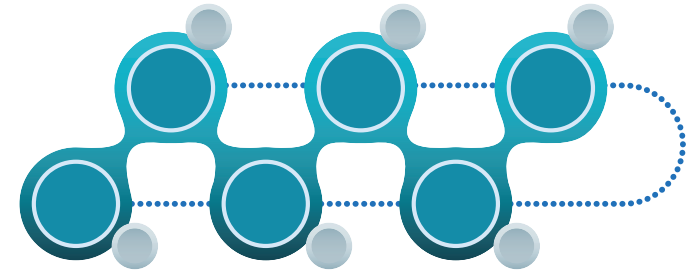
6
Local/Regional presentations

Program Areas

Wastewater-based epidemiology

Substance use and behavioral health

Crisis in climate change

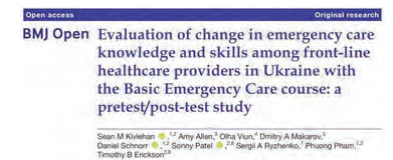
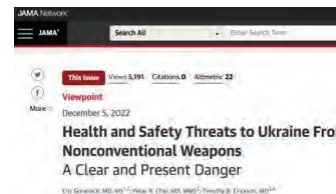


Chemical, biological, radiological & Nuclear (CBRNE)

Disinformation and hybrid warfare

Environmental impact of war

Publication Snapshot: 22 Peer-reviewed publications



Diabetes in Humanitarian Crisis

Faculty Lead: Sylvia Kehlenbrink, MD



Mission

Address the burden of chronic disease in humanitarian settings and fragile states to improve humanitarian action and join international efforts to prevent, control, and reduce the burden of non-communicable diseases in the most vulnerable populations.



Program active since 2016

4

Publications

11

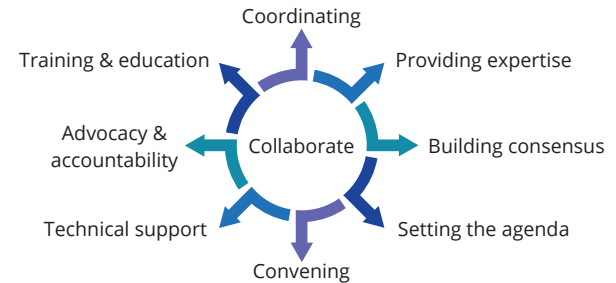
Presentations

68

Collaborators

Core Project: International Alliance for Diabetes Action (IADA)

Partnership with 60+ organizations from different sectors who connect, share, and collaborate to develop initiatives that increase access to and quality of care for those with diabetes in humanitarian settings.



3rd Annual Symposium on Diabetes in Humanitarian Crises



Kraków, Poland
October 2022



164 attendees from
80+ organizations in
45 countries



Symposium Outputs

- Lancet Diabetes & Endocrinology publication
- Meeting report with 20 proposed projects and investment recommendations
- IADA strategic plan 2023–2025
- Helmsley Charitable Trust blog
- Symposium webpage with recordings and documents

Front Line Indigenous Partnership

Faculty Lead: Valerie Dobiesz, MD, MPH



Mission

Improve Native American health and eliminate health disparities.

Team

Cassandra Georges
Jayelani Hall
Victor Lopez-Carmen, MPH

Empowering emergency medicine healthcare providers serving indigenous populations to provide the highest quality care through educational, clinical, and administrative partnerships.



Program active since 2021

Program Spotlight: Ohiyesa Premedical Program (OPP)

- Pilot program launched in 2022
- A yearlong longitudinal program designed to engage, support, and promote motivated Native American tribal and/or community college students interested in pursuing a healthcare career, with a program focus on the physician pathway.

3

weeks at Brigham and Women's Hospital (BWH) for experiential summer program

8

enrolled students

50%

students applying to medical school in Fall 2023

Tséhootsooí Medical Center (TMC) - Arizona

- First cohort of the Clinical Exchange program in partnership with Fort Defiance Hospital Board to advance medical, nursing, and technical educational partnerships between BWH and tribal healthcare systems in the Southwest.
- Collaboration with TMC ED Staff to produce monthly online didactic sessions on current medical and nursing topics.

14

BWH physicians completed rotations at TMC

1,440

clinical hours completed by BWH physicians at TMC

120

educational hours completed by BWH physicians at TMC



Emergency medicine for Rural & Indigenous Communities (EMRIC)



70+

participants

3-day

conference in Flagstaff, Arizona

Conference theme: Innovation & Adaptation

Children in Crisis

Faculty Lead: Michelle Niescierenko, MD, MPH



Mission

Inform approaches to reduce the vulnerability of children in humanitarian settings and support national-level resilience strategies.

Team

Carolyn Baer, MPH
David Mills, MD, MPH
Alexis Schmid, DNP, RN, CPNP



Program active since 2019

11

Countries reached

2247

Students and humanitarian workers trained

9

Publications

Program Spotlight: CARE India

Collaboration between:

- Harvard Teaching Hospitals (HTH)
- CARE India
- MOH Bihar State

HTH/HHI provides technical expertise in emergency care systems capacity building



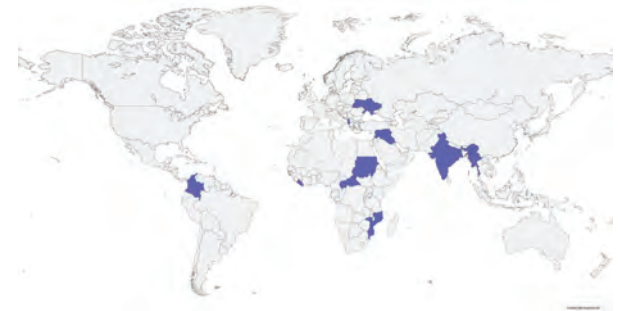
Global Outreach

Primary Programs

- India
- Ukraine
- Liberia
- Albania

Research Footprint

- Sudan
- Iraq
- Colombia
- CAR
- Syria
- Myanmar
- Mozambique



Urbanization and Resilience Program

Faculty Lead: Ronak Patel, MD, MPH



Mission
Investigate urban environments and crises to allow individuals, households, communities, and cities to thrive.

Team
Kelsey Gleason, ScD, MS



Program completed in 2022

2

Publications

3

Working groups,
task forces, and
committees

5+

Speaking
engagements

Webinar Series Spotlight: From Crisis to Resilience

Webinar 1: Localisation for Resilient Health Systems



189 Viewers



49 Countries and territories
represented

Webinar 2: Inclusive Early Warning and Response Systems



180 Viewers



51 Countries represented



Publications



"They think you are weak": Examining the Drivers of Gender-Based Violence in Three Urban Informal Settlements

Beth J. Macha¹, Nirma D. Bostomane², Hannah Wild³, and Ronak B. Patel^{1,4}

Abstract
The global trend of rapid urbanization raises concerns about the living standards of the urban poor, many of whom live in dense informal settlements. Residents of informal urban settlements can face significant insecurity, with men and women experiencing different threats. While space and infrastructure issues have specific consequences on the health of women, the urban violence that gender modifies the impact of that violence. In an attempt to understand the drivers of insecurity within a social ecological framework, this study investigated underdeveloped neighborhoods in Addis Ababa, Ethiopia; Dhaka, Bangladesh; and Port-au-Prince, Haiti. The qualitative approach employed focus group discussions using various probing techniques and key informant interviews followed by a thematic analysis of the data. The data reports and experiences of young and older women covered by those of young and older men highlight how the combination of factors – gender and poverty – drive differential risk for women, compared to men among the urban poor in developing...



Informality, violence, and disaster risks: Coproducing inclusive early warning and response systems in urban informal settlements in Honduras

Laura E. B. Peters^{1,2*}, Aaron Clark-Gardberg³, Bernard McQuinn⁴, Gabriela Chavez⁵, Ana Luisa Hubler⁶, Jey Balagopal⁷, Alexandra Lopez⁸, Sonya S. Patel⁹, Brooke B. Patel¹⁰, and Zeynep Wan Der-Hovav¹¹

Abstract
The global trend of rapid urbanization raises concerns about the living standards of the urban poor, many of whom live in dense informal settlements. Residents of informal urban settlements can face significant insecurity, with men and women experiencing different threats. While space and infrastructure issues have specific consequences on the health of women, the urban violence that gender modifies the impact of that violence. In an attempt to understand the drivers of insecurity within a social ecological framework, this study investigated underdeveloped neighborhoods in Addis Ababa, Ethiopia; Dhaka, Bangladesh; and Port-au-Prince, Haiti. The qualitative approach employed focus group discussions using various probing techniques and key informant interviews followed by a thematic analysis of the data. The data reports and experiences of young and older women covered by those of young and older men highlight how the combination of factors – gender and poverty – drive differential risk for women, compared to men among the urban poor in developing...

KoBoToolbox

Faculty Leads: **Phuong Pham, PhD, MPH** and **Patrick Vinck, PhD**



Mission

Empower communities to tell their stories and express their needs; and support accessible and inclusive data collection.



Program active since 2005

14,000+
Non-governmental and international organizations users

19,000,000+
Submissions per month

206,000,000
Submissions in 2022

KoBoToolbox is used in every humanitarian response worldwide.



Used around the world by **United Nations agencies**, **international NGOs**, and **community-based organizations**.

Growing exponentially since 2015

- **1,000,000+** users globally
- **575,000,000** submissions since 2015

PwC estimated KoBoToolbox impact: **170 million people** (2016-2021)



Theory of Change



Develop methods and make available detailed and reliable up to date data produced by quality teams from local universities / research centers

in order to



Monitor and assess key indicators on peace, justice, security, resilience, and assess progress linked to ongoing interventions

Lead to



Understand the situation and make good decisions to break the cycle of violence and achieve key peacebuilding, humanitarian and development goals

Data Pop Alliance

Faculty Leads: **Phuong Pham, PhD, MPH** and **Patrick Vinck, PhD**



Mission

Bring together researchers, experts, practitioners, and activists to change the world with data.



Program active since 2013

Data Pop Alliance was co-founded and is directed by Emmanuel Letouzé, PhD and Patrick Vinck, PhD

| | | |
|---|---|-----------------------------------|
| <p>27+ Countries reached</p> | <p>30 Workshops and trainings held</p> | <p>20 Publications</p> |
|---|---|-----------------------------------|

Thematic Programs

| | |
|---|--|
| <p>1. Just Digital Transformations</p> | <p>4. Data Feminism</p> |
| <p>2. AI and Statistics for the SDGs</p> | <p>5. Geographies of Inequalities</p> |
| <p>3. Resilient Livelihoods and Ecosystems</p> | <p>6. Technology and Democracy</p> |



35
Team
Members

Changing the world with data

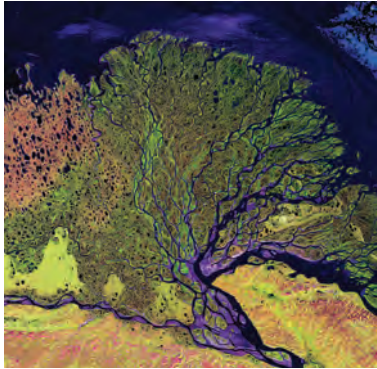
Projects

| EUROPE | SUB-SAHARAN AFRICA | GLOBAL + MULTI-REGIONAL |
|--|---|---|
| <p>1 Data and Technology Initiative for Ukrainian Refugees in Europe</p> | <p>11 Assessing Africa's Borderlands Informal Social Protection Mechanisms in Sierra Leone and Liberia</p> | <p>15 Gender-Based Violence (GBV) Monitor for Latin America and the Caribbean and Sub-Saharan Africa</p> |
| <p>2 Analyzing the Dynamics of Violence Involving Children and Young People in Urban Areas of LAC</p> | <p>12 Capturing the Socioeconomic and Cultural Drivers of Sexual and Gender-Based Violence (SGBV) in Sierra Leone</p> | <p>16 Global Research and Advocacy to Address the Weaponization of Mis-Disinformation</p> |
| <p>3 Capacity-Building Workshop on the Analysis and Application of Quantitative and Qualitative Data: Skill level - Basic</p> | <p>13 Development of Equatorial Guinea's First Voluntary National Review (VNR)</p> | <p>17 Leveraging Digital Data for Monitoring Human Rights and Social Dynamics Along and Around Value Chains</p> |
| <p>4 Mobility and Gender in Mexico City and Lima</p> | <p>14 Digital Maturity Assessment: Methodology Development and Implementation</p> | <p>18 NAMUS: Global Academic Network on AI for the SDGs</p> |
| <p>5 Open Algorithms (OPAL) for Public Data and Good</p> | <p>15 Eureka</p> | <p>19 Global Racial Inequality Dashboard</p> |
| <p>6 Strengthening of Technical Capacities and a Regional Exploratory Study in Big Data for Sustainable Development in Latin America and the Caribbean (Phase 2)</p> | <p>16 Evaluation of the Contribution to the Implementation of SDGs by the EU External Action Between 2016-2021</p> | <p>20 Technical Assistance Facility for Africa-EU Relations in the Field of Economic Development</p> |
| <p>7 Supporting the Development of Comprehensive and Responsive Social Protection Systems for the Resilience of Vulnerable Households</p> | <p>17 Evaluation of the EU Cooperation with the World Bank</p> | |

Data-Pop Alliance is a non-profit “think-and-do-tank” created in 2013 by partners from the Harvard Humanitarian Initiative, MIT Connection Science, and ODI that brings together researchers, practitioners, and activists who want to “Change the World with Data.”

Humanitarian Geoanalytics Program

Faculty Leads: Erica Nelson, MD, PhM, MAS and Gregg Greenough, MD, MPH, MS



Mission

Transform humanitarian research, programming, and policy through the practical, effective, and ethical application of spatial methods.

Team

Fakiha Ahmed, MA
Michael de St. Aubin, MDes
Ibrahim Diakite, PhD, MSc
Saira Khan, MSc
Hebatalla Mohamed
Madhawa Palihapitiya
Shreya Pabbaraju
Ben Shenouda, MA
Kunal Sonar



Program active since 2018

17

Countries reached

37

Collaborators

2

Publications

Program Goals



Legitimize the field through academic products that spans multiple geospatial technologies and areas of inquiry.

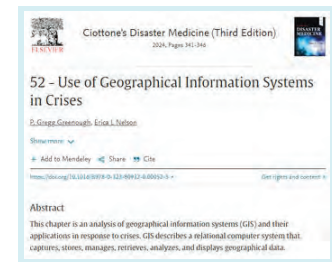


Create educational products for the teaching of geospatial analysis to humanitarian professionals through integration into existing HSPH and HHI courses and development of new courses in collaboration with partners.



Become a node of expertise for the theory and methods of geospatial analysis in humanitarian space.

Publications



HHI OVERVIEW

Our History

In 1999, Harvard University established a program on humanitarian crises and human rights at the François-Xavier Bagnoud Center for Health and Human Rights in response to growing interest in humanitarian response. By 2002, the demand for technical expertise and educational and training opportunities from NGO partners, professionals, and graduate students exceeded the capacity of the existing program.

In 2005, Michael VanRooyen, MD, MPH and Jennifer Leaning, MD, SMH established the Harvard Humanitarian Initiative as a University-wide academic and research center to address issues of evidence-based humanitarian interest and became Co-Directors. In 2010, Michael VanRooyen continued as the Director of HHI.

In 2011, HHI launched the Humanitarian Academy at Harvard, the educational arm of HHI and the first Humanitarian Academy of its kind.

HHI is an Interfaculty Initiative

HHI is an interfaculty initiative under the Office of the Provost at Harvard University. HHI is based at the Harvard T.H. Chan School of Public Health, Department of Global Health and Population, and is affiliated with the Department of Emergency Medicine at Brigham and Women's Hospital (BWH). HHI collaborates closely with all Harvard Schools and Harvard Teaching Hospitals and is the primary humanitarian outreach arm of Harvard University.



HHI is the Humanitarian Hub at Harvard

HARVARD UNIVERSITY SCHOOLS



Harvard Business School



Harvard Graduate School of Arts & Sciences



Harvard School of Dental Medicine



Harvard Medical School



Harvard Faculty of Arts & Sciences



Harvard T.H. Chan School of Public Health



Harvard Law School



Harvard Radcliffe Institute



Harvard Graduate School of Design



Harvard Divinity School



Harvard Graduate School of Education



Harvard Extension School



Harvard Kennedy School



Harvard College



Harvard John A. Paulson School of Engineering and Applied Sciences

HARVARD UNIVERSITY TEACHING HOSPITALS

Beth Israel Deaconess Medical Center

Mount Auburn Hospital

Dana-Farber Cancer Institute

Boston Children's Hospital

MASS GENERAL BRIGHAM HARVARD TEACHING HOSPITALS

Massachusetts General Hospital

Massachusetts Eye and Ear Infirmary

Brigham and Women's Hospital

McLean Hospital

Spaulding Rehabilitation Hospital

Our Commitment to Diversity, Equity, Inclusion & Belonging

At HHI, we prioritize our understanding of and commitment to diversity, inclusion, equity, and belonging.

In our research, we develop an understanding and awareness of these important issues by facilitating open discussions about how to improve the humanitarian sector's approach to working with—and for—diverse communities.

As the humanitarian arm of Harvard, we have a wide reach and global and local responsibility. Acknowledging this, we will model inclusive behavior and excellence for our students and colleagues, and promote an agenda of diversity and nondiscrimination with our donors, sponsors, partners, and stakeholders.

HHI regularly collaborates with a number of offices throughout Harvard University and Mass General Brigham to learn, incorporate, and promote a culture of anti-racism, anti-colonialism, and anti-oppression that creates a collaborative and safe foundation for our team and communities in crisis around the world.



Our People

In 2022, the Harvard Humanitarian Initiative consisted of 60 mission-driven people who want to make a difference in the humanitarian field globally.

23
Staff 

15
Faculty 

11
Visiting Scientists 

11
Students 

Our Approach to Management & Strategy



We use evidence-based, data-driven frameworks to design, implement, and evaluate HHI's strategy and goals.



We incorporate quality improvement, project management, and monitoring and evaluation principles to internal operations and processes as well as international programs, policy, and research activities.



Decision-making and strategic planning efforts are guided by defined indicators and measurable outcomes that advance HHI's outreach, accountability, efficiency, and transparency.



HHI follows and aligns with policies and principles outlined throughout Harvard University and Mass General Brigham regarding digital accessibility, trademark, academic integrity, compliance, and other organization-wide activities that are dictated at the institution level.

Instructional Design at HHI

Our Why

To design and develop the kinds of courses and learning experiences that will empower and educate humanitarian actors so that they can be safer, healthier, and better prepared to achieve their goals.



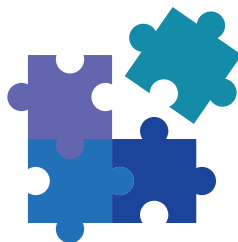
Learner Profile

Entry-level, mid-level, senior-level, and leadership and professionals from a wide range of fields, including public health, emergency medicine, healthcare administration, global health, international development, government, safety and security at:

- INGOs, NGOs, and community-based organizations
- Academic institutions
- Private sector organizations
- Other humanitarian organizations
- Governments
- Public health professionals

Learning Management System

HHI implements a unified learning management system (LMS) to support asynchronous, synchronous, and blended learning experiences that prioritize learner needs.



Incorporating DEI+A principles in curriculum development & delivery

Developing HHI-wide educational values and learning principles

Serving as a Data Hub & Course Merchant Reporting Tools for Research Enhancement

Leveraging synergies among HHI educational programs

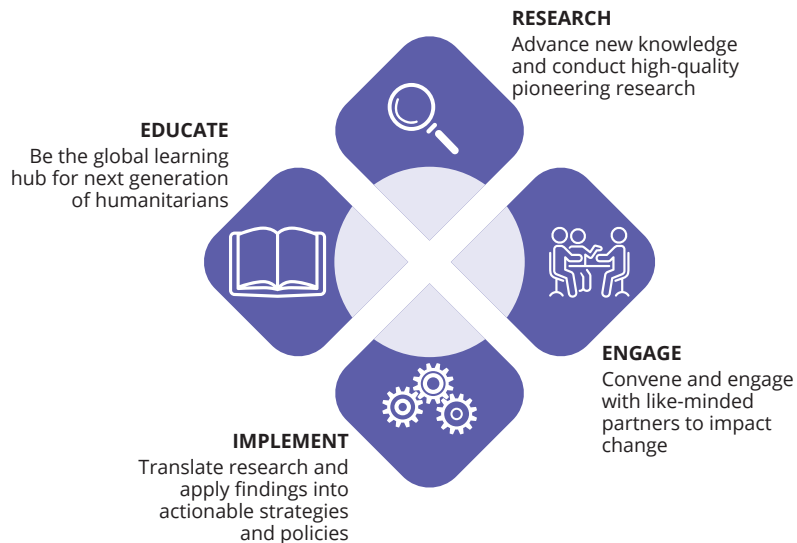
Our Partnerships

We form intentional and mission-aligned partnerships with organizations across different sectors including non-governmental organizations, foundations, international organizations, governments, academic institutions, research centers, health systems, and hospitals.



Our Strategic Framework

Our Strategic Goals



Our Strengths

- Leading humanitarian researchers, educators, and practitioners
- Humanitarian hub for all Harvard University schools and teaching hospitals
- 18+ years of operation
- Alumni network across the globe
- Diverse portfolio of 20+ humanitarian themes
- Medical and clinical expertise from across Harvard teaching hospitals
- Top humanitarian crisis simulation experience
- Local to global

Our Funding

HHI relies on sponsored funds from institutions and generous gifts (non-sponsored funds) from engaged supporters committed to advancing education and research within the humanitarian sector.

As HHI is administratively jointly based at Harvard T. H. Chan School of Public Health and Brigham and Women's Hospital, funds are received and administered by the respective departments (such as Office of Financial Services and Administration at Harvard Chan, Research Management at Brigham and Women's Hospital, etc.) which facilitate and ensure compliance with institutional policies and procedures, and promote the financial health and security of the organization.

2022 Sponsored Funding

35 Total Grants



\$20.4 Million

6 New Grants Awarded



\$4.9 Million

Largest Sponsor
US Government



\$6.7 Million

2022 Non-Sponsored Funding

10 Gifts



\$1.2 Million

Endowment Income

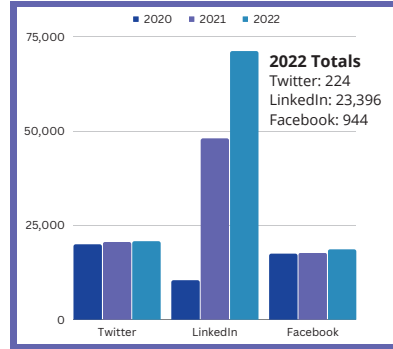


FY22 \$416,000
FY23 \$480,000

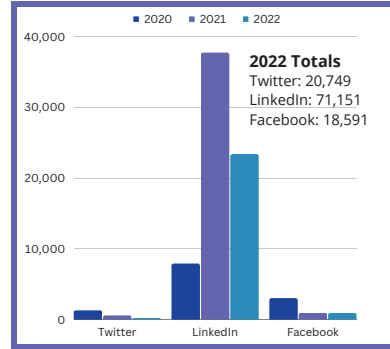
Our Engagement with the Community

Social Media Engagement

TOTAL FOLLOWERS (2020–2022)

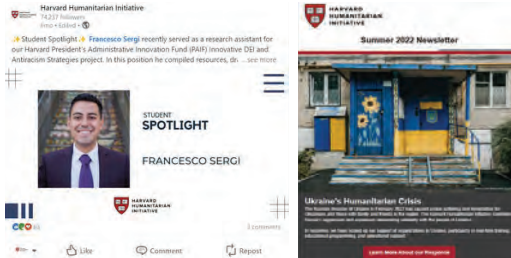


New Followers (2020–2022)



Additional Engagement Activities

Newsletter



Social Media Spotlights



Global Open House



HHI-wide webinar series

Impact Report

Connect with Us

Stay up to date on publications, events, job openings, and more!



/harvardhumanitarian



@HHI



Harvard Humanitarian Initiative

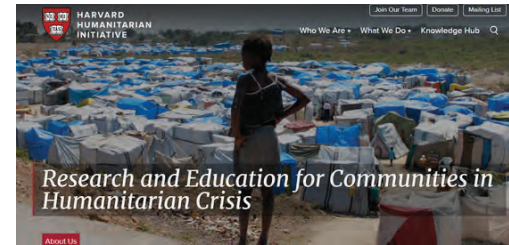


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Acknowledgements

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Report Sources

Source references from page 4



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