

2021 HHI IMPACT REPORT



**HARVARD
HUMANITARIAN
INITIATIVE**

TABLE OF CONTENTS

- 2** Message from Leadership
 - 3** Our Mission
 - 4** 2021 at a Glance
 - 5** HHI in the World
 - 6** Research and Education Overview
 - 7** Humanitarian Academy at Harvard
 - 8** Humanitarian Academy Programs
 - 16** Research and Translation
 - 18** Humanitarian Strategies Programs
 - 26** Risk, Resilience, and Response Programs
 - 46** Technology and Innovation Programs
 - 52** HHI Overview
 - 54** Our History
 - 55** HHI is the Humanitarian Hub at Harvard
 - 56** Committed to Diversity, Inclusion, Equity & Belonging
 - 57** Our People
 - 58** Instructional Design and Monitoring & Evaluation
 - 59** Our Partnerships
 - 60** Our Funding
 - 61** Connect With Us
-



MESSAGE FROM LEADERSHIP



Michael VanRooyen, MD, MPH
Director

HHI's mission to support the global humanitarian community has never been more crucial or more complex. With the support of our donors, HHI has been able to take on new programs to respond to the challenges of COVID-19, 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 evidence-based humanitarian action in the most complex settings. I remain deeply grateful for the generosity of our supporters. Together, we are truly making the world a better, safer place.

Irini Albanti, DrPH, MPH, MA
Executive Director

I am excited to welcome you to the Harvard Humanitarian Initiative's first Impact Report. This year, we decided to look back to 2021 and share with you the impact our research and education programs had on the global humanitarian community. In the following pages, you will read about our mission-driven team at HHI that strives to affect change for communities in humanitarian crises. We are grateful that you are standing with us and we invite you to join our commitment to invest in a kinder and more equitable world.



OUR MISSION



**CREATE NEW KNOWLEDGE AND ADVANCE
EVIDENCE-BASED LEADERSHIP IN DISASTERS
AND HUMANITARIAN CRISES.**

The Harvard Humanitarian Initiative (HHI) is a university-wide academic and research center focused on humanitarian crises and leadership. HHI's aim is 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.

2021 AT A GLANCE

185 +

COUNTRIES

115

PARTNERS

23

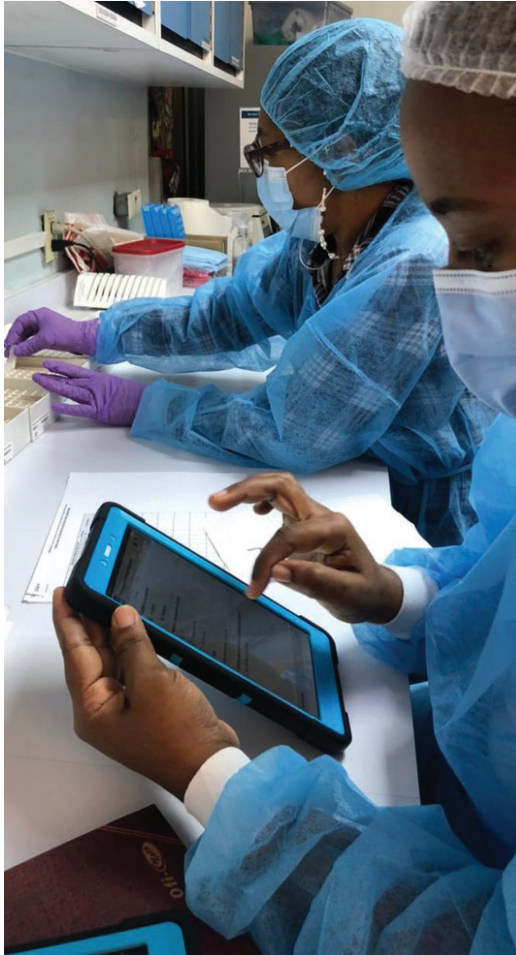
WORKSHOPS

26

PRESENTATIONS

77

PUBLICATIONS



HHI IN THE WORLD



185 +
Countries



17,500 +

People **impacted** through
our research and education
programs

Research and Education

20 Programs

6,191 Surveys

Harvard Humanitarian Initiative

Humanitarian Academy
at Harvard

Research and
Translation

Professional
Education

Humanitarian
Strategies

Sponsored
Education

Risk, Resilience,
& Response

Harvard
Students

Technology and
Innovation

Thematic Areas

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.

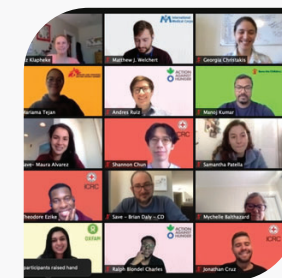
Sponsored Education

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.

“ Unless it is professionalized, humanitarian response risks failing those it is supposed to serve. The Academy equips humanitarians of all backgrounds and experiences with the skills and knowledge they need to work effectively in the most challenging environments.
- Phuong Pham, PhD, MPH, Director of Education ”





Mission: Prepare humanitarians to take on leadership roles.

Team Members

Ariana Marnicio, MPH
Godfred "Kofi" Nyarko, MA



Program active since 2016

National NGO Program on Humanitarian Leadership

FACULTY LEAD: VINCENZO BOLLETTINO, PHD



26
Countries reached

91
Participants

638
Humanitarians reached
via knowledge sharing

Program Activities

- **Intensive Training:** Three-month blended learning program, five-day regional intensive training.
- **Online Course:** Open access e-learning with 6,650 registered users.
- **Community of Practice:** Webinars, alumni instruction, coaching, and mentorship.

Training Areas

- Adaptive Leadership
- Leadership for Managers
- Gender and Leadership
- Psychological Resilience
- Trauma Informed Communication

71

Different organizations
represented by participants

The NNPHL Community

NNPHL serves mid-career humanitarians



96% Satisfaction rate



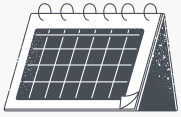
52% Female participants



Global Executive Leadership Initiative

FACULTY LEAD: MICHAEL VANROOYEN, MD, MPH

12 Month Format



3 Residencies



24 Participant Cohort



22
Countries
reached

5
Workshops

22
Surveys

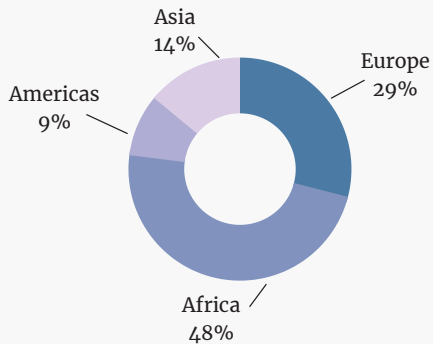
By bringing in leading experts, GELI offers customized experiential learning and support to an international network of leaders who are currently facing unprecedented global needs.

Gender Identity

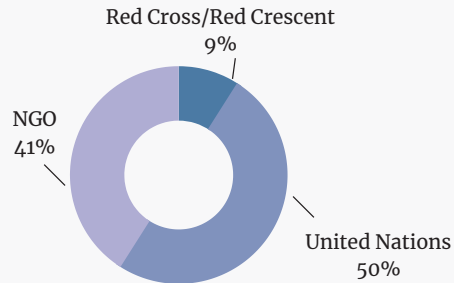


48% Female

Region of Origin



Organization



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 Members

Catherine Bates, MA
Emily Ing, MA



Program active since 2020





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

Team Members

Ariana Marnicio, MPH
 Laura Tourtellotte, PhD
 Rodger LeGrand, MFA
 Ynis Isimbi, MSc
 Ruoyan Zeng

Training Areas

1. Foundations of humanitarian action
2. International humanitarian coordination system
3. Cluster approach
4. Planning and funding disaster responses
5. International law and humanitarian standards
6. Complex humanitarian emergencies

Program active since 2013

Building a Better Response

FACULTY LEAD: PHUONG PHAM, PHD, MPH

Achievements

- **New Website:** Streamlined portal to increase usage and improve user experience.
- **Surveys:** Feedback from 770 BBR alumni from 83 countries on course relevance, structure, and design.
- **New Learning Management System:** New platform to maximize data collection on student learning and experience.
- **Script Review:** Expert reviews on all 6 units to update content and revise learning objectives.
- **Graphic Redesign:** New animations and graphics for a contemporary look and feel.

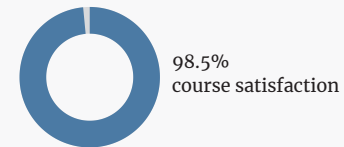
163
Countries
reached

7,932
Participants

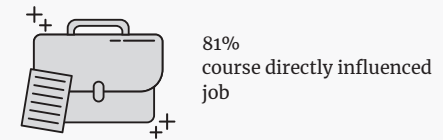
3
Workshops

Voices from BBR Users

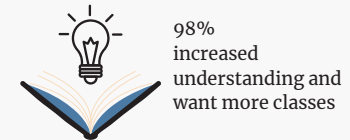
“Hurricane Harvey was a large complex response. Your training helped realize pitfalls in advance.”



“With the outbreak of COVID-19, I knew which steps my organization will take to respond to this crisis. I did not have this knowledge before taking the course.”



“I had no understanding of the funding mechanisms in place and did not understand the cluster system—yet I was required to engage in coordination. This course enabled me to understand where to plug in.”



Harvard Students

FACULTY LEADS: PHUONG PHAM, PHD, MPH
SEAN KIVLEHAN, MD, MPH AND STEPHANIE KAYDEN, MD, MPH

Spark Grants

Committed to humanitarian research

Spring 2021 - David Mills MPH'23

Project: "COVID-19 and the Political Prospects for Change: Perceptions of Youth Organizing and Interconnectedness in the Face of a Pandemic in the Gaza Strip"

Fall 2021 - Rebecca Yang MPH'22

Project: "Setting the Agenda on Public Health and Statelessness"

Project Location: Kenya

35
Students enrolled in
Humanitarian Studies
Concentration

16
Graduates with a
Humanitarian Studies
Concentration

Virtual Simulation

Educating the next generation of humanitarian leaders

Due to COVID-19, the humanitarian response simulation was held virtually for the second year. 58 graduate students participated in a one-day virtual simulation that gathered approximately 30 faculty and volunteer role players. The virtual simulation resulted in the publication of "Humanitarian Training with Virtual Simulation During a Pandemic," which was published in the journal *Disaster Medicine and Public Health Preparedness*.

Reach of Webinars



Mission: Prepare Harvard undergraduate and graduate students to enter humanitarian careers.

Team Members

Samuel Plasmati
Sabrina Sarli

Program Areas

1. Humanitarian Studies Concentration
2. Humanitarian Student Association
3. GHHP Undergraduate Course
4. HHI Spark Grants

Program active since 2011



Research and Translation

In our research, HHI programs 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.

“Our research is not some abstract academic endeavor. It is about co-creating knowledge and improving evidence about what is needed and how to make humanitarian response more effective and inclusive. This is essential to facilitate the evolution of humanitarian action.”
- Patrick Vinck, PhD, Director of Research





Mission: Develop the professional skills of humanitarian leaders of all levels, from executive leaders to mid to senior-level frontline leaders, in negotiation, conflict resolution, and community engagement.

Team Members

Emily Ing, MA
 Anaide Nahikian, MSc
 Niamh Gibbons, JD
 Rodger LeGrand, MFA
 Saira Khan, MSc
 Ynis Isimbi, MSc

The 3 Pillars

1. Responsible negotiation strategies for senior leaders in the field
2. Humanitarian access negotiation for frontline leaders
3. The Humanitarian Design (HD) Lab—Humanitarian innovation learning partnership

Program active since 2020

Executive Negotiation Project

FACULTY LEAD: MICHAEL VANROOYEN, MD, MPH

Achievements

- **Monitoring & Evaluation:** Developed an M&E plan and baseline report to establish metrics and methods to understand programmatic successes and improvement areas.
- **Curriculum Development:** Completed the initial curriculum planning and course design in collaboration with contracted instructors, humanitarian leaders, and grant partners.
- **The Humanitarian Design (HD) Lab:** Held strategic advisory group sessions to select 5 case studies to focus on as part of the playbook development and innovative technologies in humanitarian negotiation research.

16
Countries
reached

5
Workshops

220 +
Attendees in the
gender/diversity and
negotiation webinars

Voices from ENP 2021 Workshops

“ I learned that gender diversity is very vital in humanitarian negotiation, and I learned about how to apply different humanitarian laws and principles for successful negotiation. ”

“ The training helped fill knowledge gaps, provided a forum to share experiences that could potentially improve subsequent negotiations I may be involved in, and provided some tools that I find very useful. ”

“ The approach was very useful in that I have learned to approach different stakeholders and communities. I need to understand the hierarchy, leadership, and gender balance because everyone is important in the negotiation process. ”



Evaluation and Implementation Science

FACULTY LEADS: PHUONG PHAM, PHD, MPH AND PATRICK VINCK, PHD

Research and Training



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.

700
Stakeholders in
qualitative data
collection

4,144
Surveys with IDPs in
urban and remote
sites across three
countries

14,000
Dial-in participants
in Uganda



Macro Level

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

2 Active Projects

Dial COVID: Evaluation of mobile telephone surveillance and mitigation tool among refugee settlements in Uganda



Evaluation of UNHCR's Emergency Response in the Sahel (UNHCR)



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

Team Members

Laura Tourtellotte, PhD
Kevin Coughlin, MA
Abdulrazzaq Al-Saiedi, MS
Mychelle Balthazard, PhD
William Bertrand, PhD
Craig Etcheson, PhD
Anupah Makoond, MBA, MSc

*Evidence-based
practice and policy*

Program active since 2014





Mission: Conduct research and build capacity in countries experiencing complex emergencies and serious violations of human rights and international humanitarian law.

Team Members

Laura Tourtellotte, PhD
 Kevin Coughlin, MA
 Abdulrazzaq Al-Saiedi, MS
 Mychelle Balthazard, PhD
 William Bertrand, PhD
 Craig Etcheson, PhD
 Anupah Makoond, MBA, MSc

Program active since 2021

Peace and Human Rights Data

FACULTY LEADS: PHUONG PHAM, PHD, MPH AND PATRICK VINCK, PHD

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. Through the program, HHI ensures that the needs of survivors are recognized and acted on by governments, United Nations agencies, and non-governmental organizations.

8400+
Interviews

200
Researchers
trained

12
Publications

Peace and Human Rights Data Active Projects

African Elections during the
COVID-19 Pandemic

Early Childhood
Education and Peace
Consortium

Peace, Justice, and
Reconstruction Polls in the
Central African Republic

Remote Respondent Driven
Sampling Survey of IDPs in Urban
and Remote Sites in Burkina
Faso, Mali, and Niger

Preventing Social Conflict and
Promoting Social Cohesion in
Forced Displacement Contexts

Developing and Using Indicator
Framework for Locally Led
Peace-building in Central Africa

Peacebuilding and Reconstruction
Polls in the Democratic Republic of
the Congo

Data Collection and
Research Capacity Building

5
Countries Reached



Transitional Justice

FACULTY LEADS: PHUONG PHAM, PHD, MPH AND PATRICK VINCK, PHD

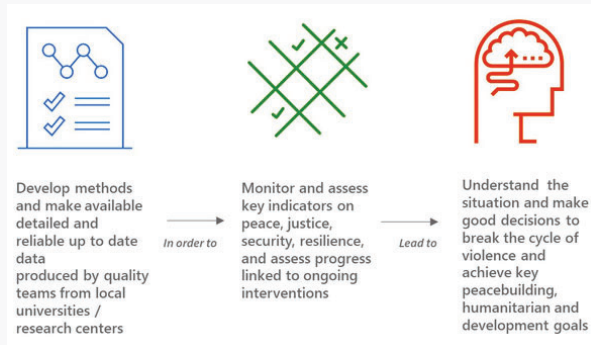
Overview

Transitional Justice refers to the range of approaches that societies moving from repressive rule or armed conflict use to deal with the legacy of human rights abuse as they progress toward peace, democracy, rule of law, and respect for individual and collective rights.

Main Aims

1. Provide evidence that will make existing transitional justice instruments more effective in meeting the needs and expectations of victims.
2. Explore alternative approaches to transitional justice that go beyond the concept of a toolkit and allow for more innovative and flexible solutions.

The new paradigm departs from a "one size fits all" approach to tailor solutions to people's specific needs, aspirations, and priorities.



Mission: Provide evidence that will make existing transitional justice instruments more effective and explore alternative approaches to transitional justice.

Team Members

Laura Tourtellotte, PhD
Kevin Coughlin, MA
Abdulrazzaq Al-Saiedi, MS
Mychelle Balthazard, PhD
William Bertrand, PhD
Craig Etcheson, PhD
Anupah Makoond, MBA, MSc

Program active since 2011





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

Team Members

Emma Kenny, MA
 Bharathi Radhakrishnan, PhD
 Vandana Sharma, MD, MPH
 Emma Willcocks, MS
 Ankita Panda, MPP

Topic Areas

1. Gender, climate change, and conservation
2. Promoting equity in humanitarian programs through evidence
3. Understanding root causes of violence

Program active since 2008

Program on Gender, Rights and Resilience

FACULTY LEAD: JOCELYN KELLY, PHD



Gender and Displacement

Research highlighted in high level events with David Miliband and the Global Director for Gender at the World Bank.

- Work mentioned in the UN SG High Level Panel's report on Internal Displacement.



Resourceful Empowerment Project

Participants receiving the curriculum showed positive changes on all indicators and created positive, concrete actions.

- Men supported the emergence of female leadership.



01

Special report for USIP
 "A Syndemic Understanding of GBV and COVID"

02



Gender and Climate Change
 Participated in workshop with Administrator Sam Power. Invited panelist by IUCN. USIP special report on Gender, Conflict and Climate Change.

03

04



05

Partner Spotlight: ACF South Sudan
 New tools to measure whether nutrition programs are safe and responsive to the needs of women and girls.

- 1000+ people reached.
- Higher access to services and improvements in perceptions of safety.
- More buy-in for services from family members (especially husbands).

4
 Countries reached

9
 Publications

3
 Panels

GR2

Program on Gender, Rights and Resilience



Risk, Resilience, and Response

PROGRAM ON RESILIENT COMMUNITIES

FACULTY LEADS: VINCENZO BOLLETTINO, PHD AND PATRICK VINCK, PHD



2 Countries reached
3 Publications
17 News media stories

Surviving COVID-19 on the Margins

On November 23, 2021, HHI's Program on Resilient Communities hosted "Surviving COVID-19 on the Margins: An online symposium on the experience of communities living through the pandemic and social vulnerability in the Philippines." Out of dozens of paper submissions, 9 selected papers were presented at the symposium.



45 Participants

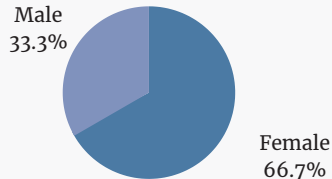


2 Papers featured in news media



30,897 People reached through social media

Participants by gender



Mission: Establish a foundation for integrated, coordinated, and evidence-based preparedness and response to natural hazard-related disasters as well as gather and provide evidence and learning to support communities, organizations, and local governments in developing lasting solutions to humanitarian threats.

Team Members

Ariana Marnicio, MPH
Lea Manzanero, MA
Mark Toldo
Juan Chaves, MA

Program Goals

1. Adopt evidence-based tools and practices
2. Enhance leadership skills and practices
3. Promote intellectual exchange across national and disciplinary boundaries

Program active since 2015





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

Team Members

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

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 active since 2018

Infectious Diseases and Epidemics Program

FACULTY LEAD: ERIC NILLES, MD, MSc

In 2021, IDEP operated in 3 countries: Dominican Republic, Honduras, and United States of America.

Dominican Republic

- 10 Staff
- 2 Partners: DIGEPI & LNSPDD

Honduras

- 2 Staff
- 2 Partners: SESAL & UNIMED

United States of America

- 4 Staff
- 2 Partners: SpaceX & Ragon Institute



11
Publications

892
Citations

8,747
People reached



25,070
Specimens Collected

- 20,328 specimens collected in DR National Serosurvey.
- 4,742 specimens collected in DR Hospital Prospective Surveillance Study.



ABHR
Production

- 2 alcohol-based hand rub (ABHR) production units established in DR.
- 154 ABHR dispensers installed and monitored.
- 400 liters of ABHR produced between both DR sites.



Hand Hygiene
Behavior

- 20 healthcare worker interviews conducted.
- 707 healthcare provider and patient contacts observed.



Risk, Resilience, and Response

Emergency Health Systems

FACULTY LEAD: SEAN KIVLEHAN, MD, MPH

BE PREPARED (Bihar, India)

- Bihar Emergency Preparedness and Response Didactics
- Five district hospitals
- Six months of physician and nursing support

14
Publications

Okoa Maisha First Aid Training

- Bleeding control and first aid training
- Pilot with 200 public transit drivers in Dar es Salaam
- Tanzanian medical student training of trainers
- 200 basic bleeding control kits assembled

129
Interviews

6
Countries
reached

WHO-ICRC Basic Emergency Care

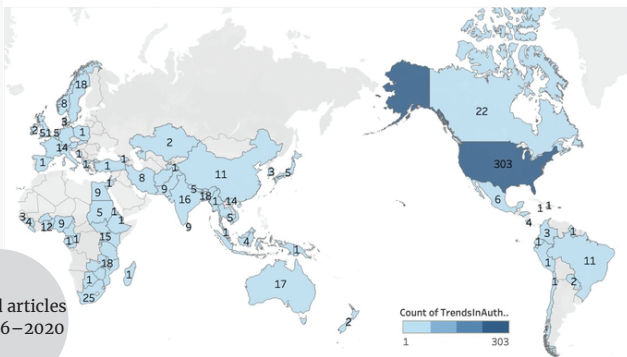
- Open access five-day course in multiple languages
- Sustainable training of trainers model
- Designed for resource-limited settings

*Aligning
humanitarian
response with the UN
SDGs*

Decolonizing Global Health

Power dynamics in global health research collaborations influence whether and how local researchers are included in publications.

Geographic & Graph Visualization of listed First Author Country Affiliations



Reviewed articles
from 2016–2020



Mission: Strengthen emergency care delivery globally.

Team Members

Catalina González Marqués, MD
Morgan Broccoli, MD
Uche Anigbogu, MD
Joshua Drake

Program Goals

1. Increase technical sharing with frontline providers worldwide
2. Improve processes related to emergency care delivery
3. Support dissemination and implementation of locally appropriate emergency care guidance

Program active since 2019





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

Team Members

Sonny Patel, MPH, MPhil
 Emma Willcocks, MS
 Julian Neylan, MPS

Program Areas

1. Wastewater-based epidemiology
2. Crisis in climate change
3. Substance use and mental health
4. CBRNE terrorism
5. Disinformation and hybrid warfare

Program active since 2020

Humanitarian Action and the Environment

FACULTY LEAD: TIMOTHY B. ERICKSON, MD, FACEP, FACMT



10
International presentations

12
National presentations

16
Publications

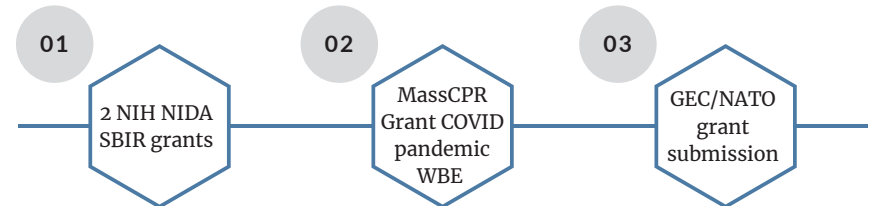
Collaborators



Harvard T.H. Chan School of Public Health



Harvard Medical School Human Rights Chapter



Non-Communicable Diseases Diabetes in Crisis

FACULTY LEAD: SYLVIA KEHLENBRINK, MD

Core Project: International Alliance for Diabetes Action (IADA)

Partnership of 40+ organizations from different sectors who connect, share, and collaborate bilaterally and through varied events across 4 streams.

Four Streams of Work

Medicines & Diagnostics

1. Essential medicines
2. Diabetes diagnostics
3. Bundling
4. Technical and implementation support for diabetes care

Clinical & Operational Guidance

1. E-learning platform: training materials and educational resources
2. Guideline development
3. Nutrition working group



Advocacy, Policy, & Financing

1. Advocacy campaigns
2. Resolution on access to insulin
3. Global diabetes compact
4. Commentaries and newsletters

Data & Research

1. UNITED study
2. Human to analogue insulin switch study in Type 1 diabetes mellitus in very low resource settings
3. NCDs research priority setting
4. Publications



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 (NCDs) among the world's most vulnerable populations.

iada | International Alliance
for Diabetes Action

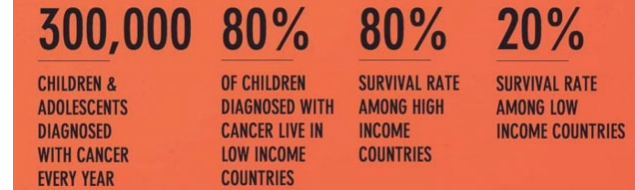
Program active since 2016





Non-Communicable Diseases in Crisis Global Childhood Cancer

FACULTY LEAD: IRINI ALBANTI, DrPH, MPH, MA



Projects

1. Strategic planning for new pediatric oncology facilities in low-resource settings
2. Storytelling for impact in global health
 - Global health education using the *How I Live* documentary
 - Day one talk
3. Strategies for policy change and advocacy
4. Financing
 - Cost-effectiveness of childhood cancer treatment
 - Financial planning study for the establishment of pediatric cancer centers in resource-limited settings

Mission: Decrease inequities for children with cancer in low-resource and crisis settings.

Team Members

Soad Fuentes-Alabí, MD, MPH
Meghan Shea, MFA
Kendall Carpenter, MD, MPH

Program active since 2020

Collaborators



Impact Areas



Ohiyesa Premedical Program

FACULTY LEAD: VALERIE DOBIESZ, MD, MPH

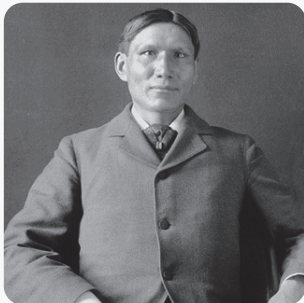
Pilot program launching June 2022

Overview

The Ohiyesa Premedical Program (OPP) is part of the Front-Line Indigenous Partnership (FLIP). It is 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.

The program provides participants an immersive experience in a wide range of medical specialties, interactive workshops practicing simulation-based procedural skills, workshops delineating the roadmap to successfully applying to medical school, and faculty mentorship.

Program Background



In 1887, a Mdewakanton Dakota man named Ohiyesa, or Charles A. Eastman (pictured at left), embarked on a challenging journey from his remote village to study medicine at the Boston University School of Medicine.

Upon graduating in 1890, he became the first Native American man in the US to become a physician. This program is designed in the spirit of Ohiyesa and his trail-blazing contributions to the Boston medical community and Native American health.



Mission: Improve Native American health and eliminate health disparities.

Team Members

Jayelani Hall
Victor Lopez-Carmen, MPH
Cassandra Georges

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



Program active since 2021





Children in Crisis

FACULTY LEAD: MICHELLE NIESCIERENKO, MD, MPH

Overview

The impact of humanitarian crises on children has reached catastrophic proportions. Today, nearly 50 million children have been displaced from their homes due to violence, poverty, or natural disaster.

The CiC program confronts the complex and unique needs of children whose lives have been upended by humanitarian crises. With one in every four children in the world living in a country afflicted by conflict or disaster, it is essential for the international community to better understand children's unique needs to prevent, mitigate, and address detrimental health consequences.

Program Goals



Define and support pediatric care needs in humanitarian contexts and ensure that effective health services reach children.



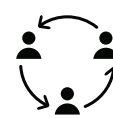
Conduct operational research to inform more effective humanitarian action around youth-focused health interventions.



Collaborate with NGOs, UN agencies, ministries of health, and academia to address pediatric healthcare needs.



Educate the next generation of humanitarian actors with the knowledge and skills to provide services for children in complex humanitarian crises.



Convene national and international stakeholders to advance research, define programmatic priorities, and share best practices for the healthcare of children in humanitarian settings.

Mission: Address the critical needs of crisis-affected children and youth in humanitarian contexts.

Team Members:

Carolyn Baer, MPH
Alexis Schmid, DNP, RN, CPNP



Program active since 2019





Urbanization and Resilience

FACULTY LEAD: RONAK PATEL, MD, MPH

Overview

Humanitarian organizations, international agencies, and governments serving populations affected by crises increasingly work in urban settings. Agencies face new challenges and some potential advantages in these complex urban environments and are only just learning how to approach them.

These new challenges take many forms: complicated physical layouts, unprepared institutions and infrastructure, and mixed target populations of refugees and underserved locals. Furthermore, the difficulty in NGO coordination with uniquely urban communities as well as local authorities calls for urgent education and training in urban crises.

3 Publications
4 Presentations
2 Workshops

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

Program active since 2017



8 Partners

3 Working Groups/
Task Forces/
Committees

Reach of Webinars



KoBoToolbox

FACULTY LEADS: PHUONG PHAM, PHD, MPH AND PATRICK VINCK, PHD

Top Ten Countries with Most KoBo Users



1. India 2. Philippines 3. Honduras 4. Indonesia 5. Turkey



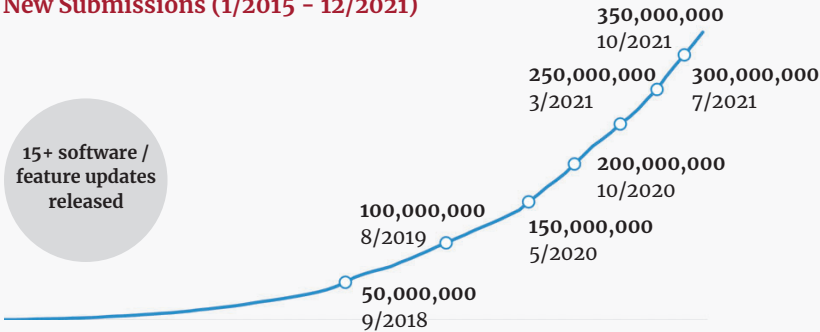
6. Colombia 7. Iraq 8. Jordan 9. USA 10. Syria

739,424 total users
267,684 new users
146,098,315 new submissions

Projects

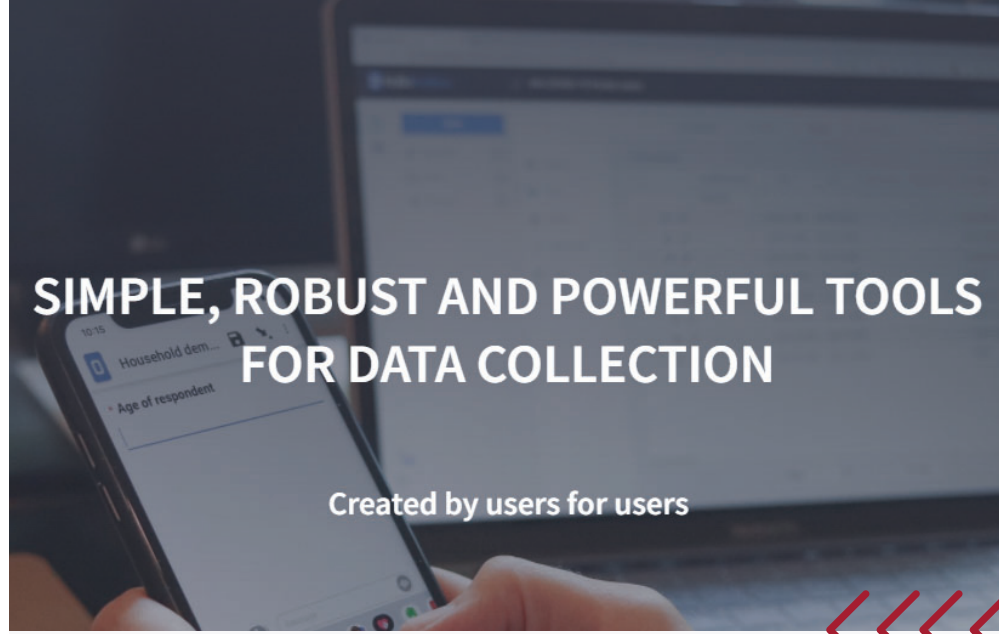
- Question library development (COVID-19)
- Feature development support and instance management
- Automated translation and natural language processing
- Global data on attacks on education

New Submissions (1/2015 - 12/2021)



15+ software /
feature updates
released

2021 Submissions = Submissions from 1/2015 to 5/2020



SIMPLE, ROBUST AND POWERFUL TOOLS FOR DATA COLLECTION

Created by users for users

Mission: To host and maintain KoBoToolbox—a data collection, management, and visualization platform used globally for humanitarian action—and to support open source data systems and technology for global development, human rights, humanitarian action, and peace.

Vision

Humanitarian action and initiatives promoting peace, human rights, and sustainable development are informed by high-quality, up-to-date data generated by concerned communities using simple, reliable, and secure technologies.



Program active since 2005





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

Data-Pop Alliance is a collaborative laboratory created by the Harvard Humanitarian Initiative, MIT Connection Science, and Overseas Development Institute.



Program active since 2013

Data-Pop Alliance

FACULTY LEADS: PHUONG PHAM, PHD, MPH AND PATRICK VINCK, PHD

Pillars of Work



Diagnosing local realities and human problems with data and AI.



Mobilizing capacities, communities, and ideas towards more data literate societies.

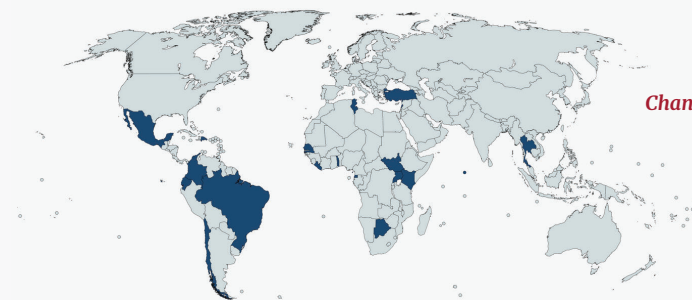


Transforming the systems and processes that underpin our societies and countries.

27
Projects

21
Publications in
4
Languages

11
Workshops



*Changing the world
with data*



22+
Team
Members



24+
Research
Affiliates

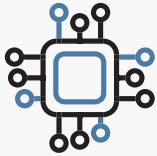


42
Partner
Organizations



Humanitarian Geoanalytics

FACULTY LEADS: ERICA NELSON, MD, PHM, MAS AND
P. GREGG GREENOUGH, MD, MPH, MS



Humanitarian Spatial Technologies Workshop

- 47 attendees
- 24 countries represented



Education

- Radcliffe Seminar - 16 attendees
- ESRI Humanitarian GIS Hub

24
Countries
reached

10
Presentations

5
Lectures



Webinars

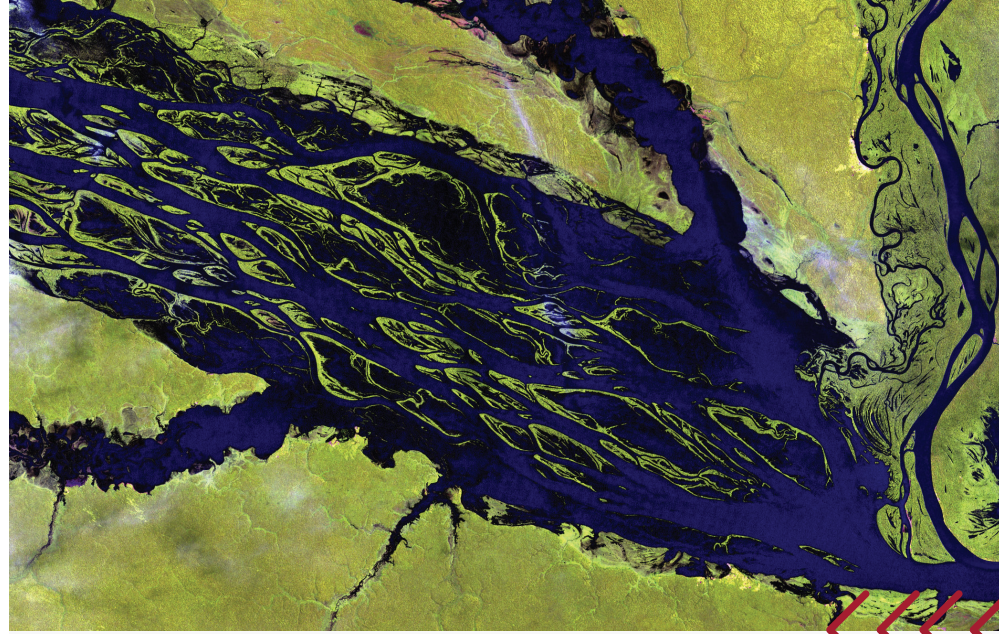
- ESRI GIS Day Webinar Series
- ESRI Public Safety Webinar Series



Publications

- *Climate and Migration in East and the Horn of Africa: Spatial Analysis of Migrants' Flows Data*
- *Use of Geographic Information Systems in Crisis*, Ciottone textbook chapter, 3rd edition

The Signal Program (active since 2010) is now a sub-program of the Humanitarian Geoanalytics Program.



Mission: Leverage geospatial data and analytics to transform humanitarian research, programming, and education through the practical, effective, and ethical application of spatial analytics.

Team Members:

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

Program active since 2018



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.



**HARVARD
HUMANITARIAN
INITIATIVE**



**HARVARD
T.H. CHAN**
SCHOOL OF PUBLIC HEALTH
Powerful ideas for a healthier world



Brigham and Women's Hospital
Founding Member, Mass General Brigham



**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
John A. Paulson School of
Engineering and Applied
Sciences



Harvard
Kennedy
School



Harvard
College

HARVARD UNIVERSITY TEACHING HOSPITALS



Brigham and
Women's
Hospital



Massachusetts
General
Hospital



Dana-Farber
Cancer Institute



McLean
Hospital



Boston
Children's Hospital



Beth Israel Deaconess
Medical Center



Spaulding
Rehabilitation Hospital



Mount Auburn
Hospital



Massachusetts Eye
and Ear Infirmary

Commitment to Diversity, Inclusion, Equity, & 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 safe 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 for our students and colleagues and promote an agenda of diversity and nondiscrimination with our donors, sponsors, partners, and stakeholders.

Innovative Diversity, Equity, Inclusion, and Antiracism (DEI+A) Strategies for Humanitarian Organizations

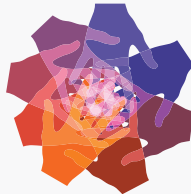
A project awardee for Harvard University's 2021 President's Administrative Innovation Fund (PAIF)

Challenge

Currently, there is no DEI+A framework that guides the operations and governance of humanitarian academic organizations at the macro level.

Goal

Develop a strategic framework that applies a DEI+A lens to HHI's core functions and serves as a model for other humanitarian organizations.



Our People

In 2021, the Harvard Humanitarian Initiative consisted of 68 mission-driven people who want to make a difference in the humanitarian field globally.



Our Management Approach

As an academic and research interfaculty initiative, we apply a data-driven approach to management and strategy. HHI uses evidence-based frameworks to design, implement, and evaluate its strategy and 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 Management Team



Instructional Design at HHI

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

MISSION

To educate the humanitarian community through the development of learning experiences that promote quality instruction, learner knowledge retention and knowledge transfer, and equality of education accessibility.

VISION

To set the global standard in humanitarian education for asynchronous, blended, and live classroom instruction through a commitment to ensuring that our learners have extraordinary educational experiences that inform their safety, health, and skills in humanitarian contexts.

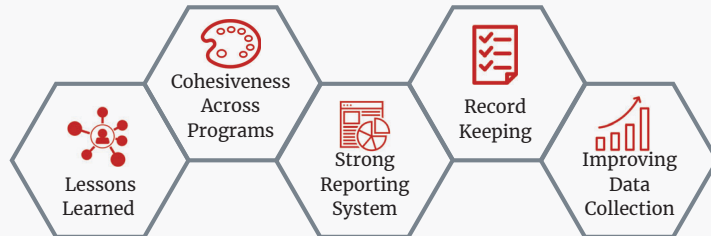
VALUES

Human dignity and the equal right to education for everyone.

Diversity, equity, inclusion, and accessibility in curriculum design, faculty selection, and learner recruitment.

Monitoring and Evaluation at HHI

Monitoring and Evaluation (M&E) is key to successful implementation and measuring of the long-term impact of our programs and research. An effective M&E framework enhances reporting processes, improves data collection, leverages best practices, and contributes to HHI's overall impact strategy.



Our Partnerships

We partner with organizations including NGOs, international organizations, academic institutions, and hospitals.

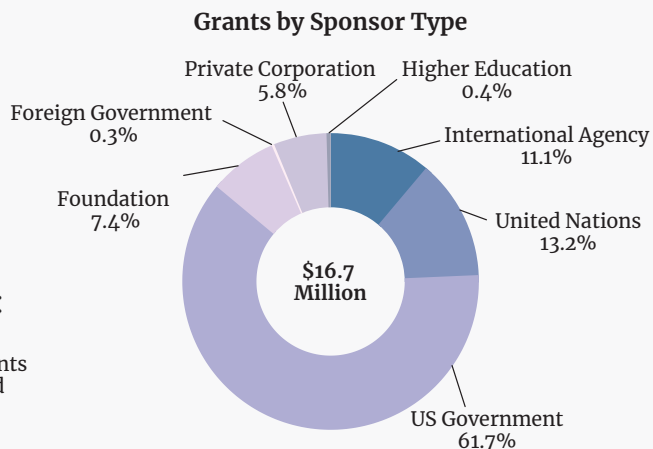


Our Funding

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

2021 Sponsored Funding

40 Total Grants



9 New Grants Awarded

2021 Non-Sponsored Funding

17 Gifts



\$2.1 Million

Endowment Income

FY21 \$400,000

FY22 \$416,000



Connect with Us

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



/harvardhumanitarian



@HHI



Harvard Humanitarian Initiative



HarvardHumanitarian



/harvardhumanitarian

Visit Our Website: hhi.harvard.edu



ENGAGEMENT WITH OUR COMMUNITY

17,685

Facebook Fans

20,543

Twitter Followers

48,032

LinkedIn Followers

Photo Credits

Cover Page: Justin Ide, Haiti

Page 1: Infectious Diseases and Epidemics Program (Top Left)

Aubrey Graham (Top Right)

Godfred Nyarko (Bottom)

Page 3: Aubrey Graham, Philippines

Page 4: Devan Dumas

Page 7: Godfred Nyarko (Left)

Samuel Plasmati (Right)

Page 8: Godfred Nyarko

Page 11: Vincenzo Bollettino

Page 12: Building a Better Response Course Screenshot

Page 15: Samuel Plasmati

Page 16: Danielle Poole (Left)

Justin Ide (Right)

Page 17: Michael de St. Aubin (Top)

Vincenzo Bollettino (Bottom Left)

Patrick Vinck (Bottom Right)

Page 18: Vincenzo Bollettino

Page 21: Tino Kreutzer

Page 22 and 25: Patrick Vinck

Page 26: Jocelyn Kelly

Page 29: Mark Daza

Page 30: Devan Dumas

Page 33: Sean Kivlehan

Page 34: Bakhrom Tursunov, Unsplash

Page 37 and 38: Scott Woodward

Page 40: Front-Line Indigenous Partnership

Page 41: Stan Slade, Unsplash

Page 42: Scott Woodward

Page 44: Pixabay

Page 47: Kobo Toolbox Website Screenshot

Page 48: Delaney Turner, Unsplash

Page 51: USGS, Unsplash

Acknowledgments

Thank you to Dr. Irini Albanti, Sabrina Sarli, and Ynis Isimbi who created HHI's 2021 Impact Report. Thank you to Tanya Shpigel and Steve Briscoe for editing the report.