Global Health in a Changing World
February 7-8, 2020
East Village
Northeastern University
CONFERENCE SCHEDULE

FRIDAY, FEBRUARY 7TH

7:30 am - 8:30 am Breakfast Reception
8:30 am - 9:00 am Welcome Remarks
9:00 am - 10:00 am Plenary - People
10:15 am - 11:45 am Research Session I - People
11:45 am - 12:45 pm Lunch
1:00 pm - 2:00 pm Plenary - Tech
2:15 pm - 3:45 pm Research Session II - Tech
4:00 pm - 5:00 pm Plenary - Planet
5:15 pm - 5:55 pm Industry Talks Session I
5:55 pm - 6:15 pm Day 1 Closing
6:30 pm - 7:30 pm Networking Reception

SATURDAY, FEBRUARY 8TH

8:30 am - 10:00 am Breakfast Reception
10:00 am - 10:20 am Welcome Back
10:20 am - 12:20 pm Research Session III - Planet
12:20 pm - 1:20 pm Posters and Lunch
1:20 pm - 2:00 pm Industry Talks Session II
2:15 pm - 3:45 pm Workshop Session 1
4:30 pm - 6:00 pm Workshop Session 2
6:15 pm - 6:30 pm Closing Remarks
Dear Attendees,

It is our great honor and privilege to welcome you to the Global Health in a Changing World Conference!

Over the next two days, we have prepared an exciting set of sessions and workshops. Across our four plenaries, attendees will learn about forced migration, climate change, health technologies, and emerging diseases. Our research sessions and industry talks will delve deeper into these areas highlighting how the people, planet, and technology are changing in the context of global health. Finally, across our 8 interactive workshops, attendees will have the opportunity to explore key themes including communication, design, maternal health and more.

We would like to personally thank the student team, our volunteers, faculty advisors, and sponsors for their tireless dedication in materializing this innovative event.

Finally, we would like to welcome you all to Northeastern’s East Village, with the hope that you will be stimulated and inspired to go forth, make connections, and have a good time while learning a lot!

We have been carefully planning this conference since the inaugural Northeastern University Global Health Initiative (NUGHI) event in October of 2018 and we really hope you will enjoy it! We are looking forward to meeting and learning from all of you. Please take some time to fill out our survey so that we can continue to improve.

Thank you all for your participation!

Sincerely,

Global Health in a Changing World 2020 Organizing Committee
Plenary Addresses

Dr. Andreas Pottakis
Plenary - People

Dr. Andreas I. Pottakis studied Law at the Universities of Ar. ens and Oxford where he was awarded a doctorate (D.Phil.) in EU Public Law. He has lectured at various European Universities, in the UK, in Italy, in Turkey and in Greece where he has also pursued a career as a lawyer before the Supreme Court. He is a professor and the Provost for postgraduate studies at the European Law and Governance School (ELGS), and the Alternate Director of the Academy of European Public Law. Further, he has considerable experience in organising and running vocational training and Inter-University courses in several countries in Europe and abroad as scientific director of the European Centre for Continuing Legal Education (ECCLE). From 2011 until 2015, Andreas Pottakis served as legal advisor to the General Secretariat of the Hellenic Government, while from 2015 until early 2016 he was appointed at the position of Head of the Legal Office. He has published extensively on a wide range of areas, including, inter alia, European Public Law, Comparative Law, Constitutional and Administrative Law, and the legal protection of Human Rights.

Dr. Rumi Chunara
Plenary - Technology

Rumi Chunara is an Assistant Professor at New York University, jointly appointed at the Tandon School of Engineering (in Computer Science) and the College of Global Public Health (in Biostatistics/Epidemiology). Her research interests are in developing statistical and machine learning methodology for using data in population-level public health models. Much of the work involves Internet and mobile-sourced observational data and using it in combination with other data sources. Her PhD is from the Harvard-MIT Division of Health, Sciences and Technology, Master’s degree from MIT and Bachelor’s degree from Caltech. She has been named an MIT Technology Review Top 35 Innovator (2014), and selected for NSF Career, Gates Foundation Grand Challenges Exploration, and Facebook Research awards.
Dr. Caren Solomon is a Deputy Editor at the New England Journal of Medicine, an Associate Professor of Medicine at Harvard Medical School, and a physician at the Fish Center for Women’s Health at Brigham and Women’s Hospital. At the New England Journal of Medicine, she founded and edits the Clinical Practice series (a triweekly series of evidence-based review articles relevant to the practicing clinician) and is in charge of the Clinical Problem Solving series (a monthly series of case discussions), Interactive Medical Cases (a bimonthly series), and original articles related to women’s health. Dr. Solomon is a member of the Harvard Medical School Faculty Council, where she co-chairs the subcommittee on climate change. Her recent publications include articles on the health risks associated with climate change and the role of health professionals in addressing the climate crisis.

Gaurab Basu, MD, MPH is an instructor at Harvard Medical School, primary care physician at Cambridge Health Alliance (CHA), and Co-Director of the Center for Health Equity Education & Advocacy (CHEEA). He is currently a Robert Wood Johnson Foundation Culture of Health Leader, a health equity leadership development fellowship. He is Co-Director of the CHA Internal Medicine Residency’s Social Medicine & Research Based Health Advocacy course, and the Co-Director of Harvard Medical School’s Social Medicine course. He has been a Harvard Medical School Academy Fellow, a Harvard Macy Scholar, and received the Charles McCabe Faculty Prize in Excellence in Teaching Award at Harvard Medical School and Academic Council award at CHA for his work in medical education. He previously was a Sommer Scholar at Johns Hopkins Bloomberg School of Public Health. Dr. Basu is trained in community organizing and has served as a coach for workshops run by Harvard Kennedy School Professor Marshall Ganz. He has interests in human rights, global health, climate change and has previously worked for the Gates Institute, Partners in Health and Last Mile Health.
Jay C. Butler, MD is the Deputy Director for Infectious Diseases at the Center for Disease Control (CDC). In this capacity, he provides leadership to the efforts of CDC’s three infectious disease national centers and helps to advance the agency’s cross-cutting infectious disease priorities. Dr. Butler has 30 years of experience in increasingly complex public health leadership and management positions. He graduated from North Carolina State University with a BS in zoology, received his MD at the University of North Carolina, and did internship and residency training in medicine and pediatrics at Vanderbilt. After completing CDC’s Epidemic Intelligence Service in the Wisconsin Division of Health, Dr. Butler completed a preventive medicine residency with the Respiratory Diseases Branch in the National Center for Infectious Diseases, and an infectious disease fellowship at Emory University. He is board certified in medicine, pediatrics and infectious diseases, and has served in public health positions at federal, state, and tribal government, including completing more than 22 years in the Commissioned Corps of the US Public Health Service, from which he retired at the level of Captain (Medical Director) in 2012.

Unfortunately, Dr. Butler had to withdraw from the conference at the last minute due to his involvement in the ongoing response to 2019-nCoV. We thank him for his time and efforts to keep us safe and healthy!
Research Session I
People

Shaunagh Connaire
Emmy nominated and duPont-Columbia award winning journalist and filmmaker

Wendy E. Parmet
Matthews University Distinguished Professor Law & Professor of Public Policy & Urban Affairs at Northeastern University

Katherine Rucinski
Postdoctoral Associate in the Department of Epidemiology at the Johns Hopkins Bloomberg School of Public Health

Research Session II
Technology

Gonzalo Bacigalupe
Professor of Counseling Psychology at the University of Massachusetts Boston

Ozlem Ergun
Mechanical and Industrial Engineering Professor at Northeastern University

Gavin Macgregor-Skinner
Director of Strategic Partnerships in Disaster Medicine at Beth Israel Deaconess Medical Center
RESEARCH SESSION III

PLANET

Gary Cohen
Founder, Health Care Without Harm, Practice Greenhealth, and Greenhealth Exchange

Laura Kuhl
Assistant professor in the School of Public Policy and Urban Affairs and the International Affairs Program at Northeastern University

Brita Lundberg
Infectious Disease Specialist

Madhavi Venkatesan
Executive Director of Sustainable Practices. Faculty member in the Department of Economics at Northeastern University
Connecting present and future industry leaders through exciting presentations on current innovations and cutting edge technologies in the field of global health.

**Session I**

- **Nelly Nganga**
  R&D Engineer at Boston Scientific

- **Nirav Shah**
  Founder of OnPoint Insights

**Session II**

- **Karim Azer**
  Head of the Quantitative Systems Pharmacology (QSP) and DMPK modeling at the Bill & Melinda Gates Medical Research Institute

- **Shane Hebel**
  Director of Product for UrSure, Inc.
SESSION 1 WORKSHOPS

MATERNAL HEALTH
In a Changing World, maternal health is a matter of increasing concern both domestically and globally. Learn about some of the greatest contemporary challenges in maternal health, and work to assemble and disseminate materials needed to spread life-saving information.

Sade Iriah  
Doula, Graduate Student in Psychology

Bria Dunham  
Program Director, Health Science, Northeastern

Sarah Jensen  
Postdoctoral Researcher Boston College

EMERGING DISEASES DUE TO CLIMATE CHANGE
In a Changing World, we are already seeing the emergence and re-emergence of vector-borne diseases. Join us for conversations with key responders to the problem of emerging diseases in the United States. Attendees will have the opportunity to work on designing and brainstorming interventional programs.

Catherine Brown  
State Public Health Veterinarian at the Massachusetts Department of Public Health

Tonya Colpitts  
Assistant Professor of Microbiology at the Boston University School of Medicine

Megan Gallagher  
Infectious disease physician and Assistant Professor of Medicine at University of Massachusetts Medical School—Baystate
**Designing Global Health**

In a Changing World, design interventions are being increasingly recognized as a crucial element for improving quality and accessibility of care. The way we visualize medicine directly impacts our mental, physical, and social well-being. Join us to learn how we can integrate user perspectives and principles of design to re-envision how people interact with care.

Jenka Gurfinkel  
Lead UX Designer at athenahealth

**Communicating Global Health**

In a Changing World, communication is key in keeping the public informed on the evolving field of global health. Speakers from news and article outlets will demonstrate how they practice ethical journalism and create comprehensive, easy to understand, and impactful literature. Work with our speakers on your own public health article and get yourself published!

Susan Mello  
Assistant Professor of Communication Studies at Northeastern

Shaunagh Connaire  
Emmy nominated Journalist Reporter with Unreported World and the BBC

Christina Potter  
Johns Hopkins University, Outbreak Observatory Writer and Editor

Gibbs Nasir  
Johns Hopkins University Public Health United, Director of Community Engagement
In a Changing World, mental health is increasingly acknowledged as an important component of an individual’s overall health. Mental health delivery and outcomes are strongly influenced by population and societal characteristics. Researchers from leading Boston institutions will discuss considerations and methods of mental health delivery in different settings. Explore this growing field and learn about what mental health delivery looks like on the ground.

Kyle Gobrogge  
Part-Time Lecturer in Neurobiology at Northeastern University

Andrew Driscoll  
Critical Care Registered Nurse at Johns Hopkins Hospital

Julia Cromwell  
Resident in the Massachusetts General Hospital/McLean Hospital Psychiatry Residency Program

Alexandra Tarzikhan  
PhD Candidate at the Center for International Human Rights at Northwestern Pritzker School of Law

Saloni Dev  
Population Health PhD Candidate, Northeastern University

Srijana Srestha  
Assistant Professor, Psychology Department, Wheaton College
**BUSINESS IN GLOBAL HEALTH**

In a Changing World, economies are shifting and public health needs evolve in response. It is critical to understand how the flow of cash will affect health worldwide, and how we can use this understanding to make sure the resultant changes are for the better. Gain a concrete understanding of how business and global health are fundamentally connected, and learn how to get involved in using business ideas to advance and sustain global health ventures.

Rebecca Riccio  
Director of The Social Impact Lab  
at Northeastern University

**HEALTHCARE FOR UNIQUE POPULATIONS**

In a Changing World, unique groups face unique health challenges. Those challenges specific to a diverse set of peoples will be presented by representatives that work at a grassroots level. Learn how to design a program for unique populations and take the connections you make to the next level by implementing that program during a 6-month co-op working with our speaker’s organizations.

Mercy Owuor  
Head of Research, Development and Policy  
at Carolina for Kibera

Sean Cahill  
Director of Health Policy Research, Fenway Institute

Harlan Pruden  
Educator with Chee Mamuk, British Columbia Center for Disease Control
SESSION 2 WORKSHOPS

PATHWAYS TO CAREERS IN GLOBAL HEALTH

In a Changing World, it is important for students to have an understanding of different global and public health career options available to them. Explore the many ways to build a career in global health by hearing from people in the field! Learn how your academic interests can contribute to a health-oriented profession and the steps to get there.

Richard Wamai
Associate Professor of Cultures, Societies and Global Studies at Northeastern University

Brook Baker
Professor of Law at Northeastern University

Shan Mohammed
Clinical Professor in the Department of Health Sciences

Lori Ferrins
Research Assistant Professor at Northeastern University

Natasha Archer
Pediatric Hematologist/Oncologist at Dana-Farber/ Boston Children’s Cancer and Blood Disorders Center

Valeria Ramdin
Assistant Clinical Professor & Director, Global Health Nursing at Northeastern University

Katherine Rucinski
Postdoctoral Associate in the Department of Epidemiology at the Johns Hopkins Bloomberg School of Public Health
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N U G H I  F A C U L T Y  A D V I S O R S

Dr. Earlene Avalon          Dr. Oyinda Oyelaran
Dr. Brook Baker             Dr. Michael Pollastri
Dr. Jonna Iacono            Professor Rebecca Riccio
Dr. Jennifer Lieb           Dr. Carmen Sceppa
Dr. Shan Mohammed           Dr. Jay Spitulnik
Professor Jennifer Huer     Dr. Richard Wamai

S T U D E N T  L E A D  V O L U N T E E R S

Anisa Amiji                 Ramya Kumar
Andrew Brady                Andrew Lee
Theodora Christopher        Fatemah Mukadum
Becky Gluck                 Nyle Sharif
Sunyou Kang                 Ana Carolina Sardinha
Jason Ingerick              

Global Health in a Changing World
Behind the Scenes Support

Faculty Research Champions

Dr. Phil Brown          Dr. Jean McGuire
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Dr. Shan Mohammed      Dr. Sara Wylie

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