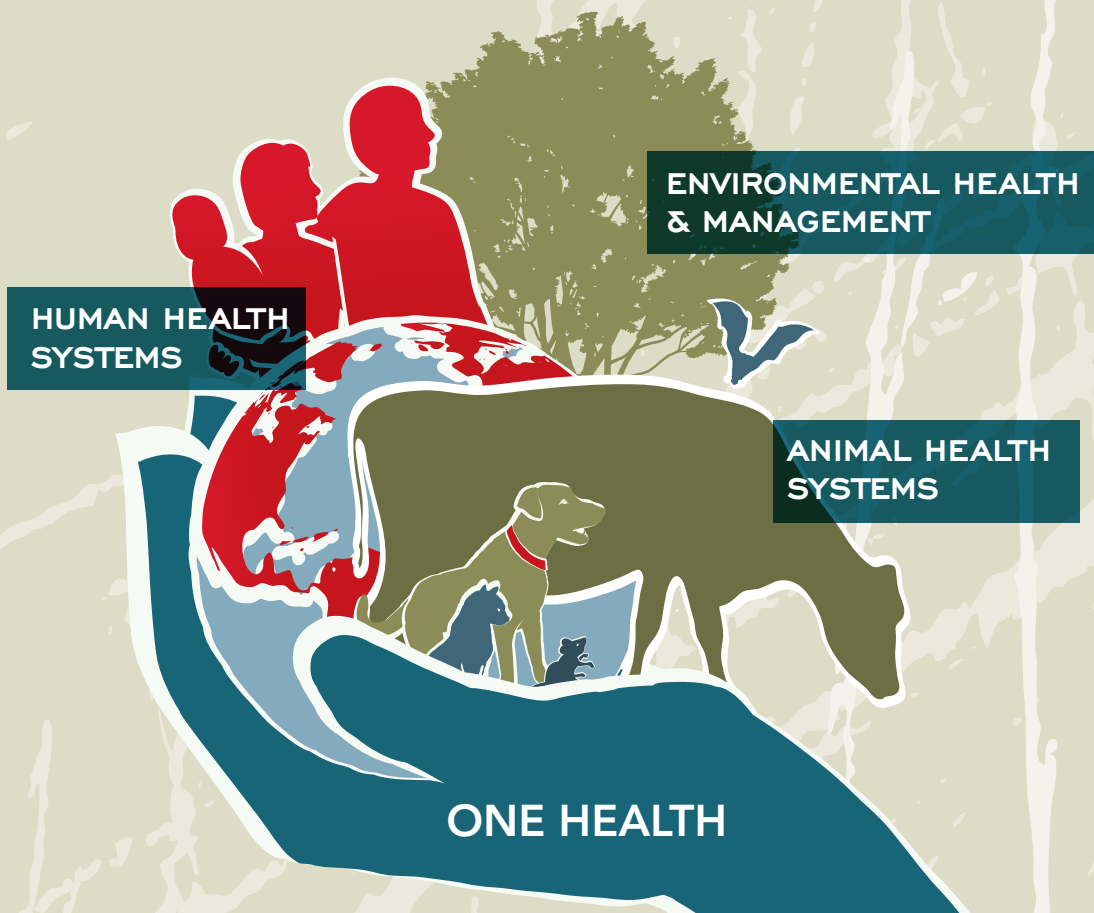


APPLICATION OF THE **ONE HEALTH APPROACH** TO GLOBAL HEALTH CENTERS



Monday–Tuesday, December 3–4, 2018

Albert Einstein College of Medicine

Michael F. Price Center for Genetic and
Translational Medicine/
Harold and Muriel Block Research Pavilion
LeFrak Auditorium

1301 Morris Park Avenue
Bronx, NY 10461

Course Directors

Jill Raufman, MS, MPH

Director, Medical Student Global Health Programs
Albert Einstein College of Medicine

Catherine Machalaba, MPH

Policy Advisor and Research Scientist
EcoHealth Alliance



Application of the One Health Approach to Global Health Centers

Monday–Tuesday, December 3–4, 2018

Overview/Statement of Need

One Health recognizes that the health of people is connected to the health of animals and the environment. The goal of One Health is to encourage the collaborative efforts of multiple disciplines—working locally, nationally and globally—to achieve the best health for people, animals and our environment.

At present, One Health education efforts in medical schools are in their infancy, and lag behind veterinary schools, which have made One Health a central part of their curricula.

Goals

Wider adoption of the One Health approach to clinical care will require educating and training healthcare providers in certain novel competencies. The goal of this conference is to arrive at a consensus on best practices for incorporating the One Health principles into the medical curriculum and clinical practice.

Learning Objectives

To develop and disseminate an agenda that translates the One Health approach for application to the medical education curriculum and clinical practice.

Intended Audience

This conference is aimed at clinicians (e.g., physicians, nurses, veterinarians), researchers and environmental health and public health practitioners.

Conference Location, Date and Time

Michael F. Price Center for Genetic and Translational Medicine/Harold and Muriel Block Research Pavilion
LeFrak Auditorium
1301 Morris Park Avenue
Bronx, NY 10461
Monday–Tuesday, December 3–4, 2018
Monday: 8:30 am – 6:30 pm
Tuesday: 8:00 am – 12:30 pm

Hotel Information and Reservations

Radisson Hotel New Rochelle
1 Radisson Plaza
New Rochelle, NY 10801

Group Name: Einstein Global Health Group

We will provide transportation on the mornings of December 3 and 4 from the Radisson Hotel to the conference site and from Einstein back to the hotel on the evening of December 3.

Accreditation

Albert Einstein College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation

Albert Einstein College of Medicine designates this live activity for a maximum of **11.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

Special Needs

Albert Einstein College of Medicine fully complies with the legal requirements of the Americans with Disabilities Act. If you are in need of special accommodations, please submit a written request to Center for Continuing Medical Education, 3301 Bainbridge Avenue, Bronx, NY 10467, or e-mail amartine@montefiore.org.

Conflict-of-Interest Statement

The Conflict-of-Interest Statement of Albert Einstein College of Medicine requires that faculty members participating in any Continuing Medical Education (CME) activity disclose to the audience any relevant relationships with a commercial interest or pharmaceutical or equipment company.* Any presenter whose disclosed relationships prove to create a conflict of interest with regard to his or her contribution to the activity will not be permitted to present.

Albert Einstein College of Medicine also requires that faculty members participating in any CME activity disclose to the audience when they are discussing any unlabeled or investigational use of any commercial product or device not yet approved for use in the United States.

The staff of CME of Albert Einstein College of Medicine has no conflicts of interest with commercial interests related directly or indirectly to this educational activity.

** The ACCME defines "commercial interest" as an entity producing, marketing, reselling or distributing healthcare goods or services consumed by or used on patients. The ACCME does not consider providers of clinical services directly to patients to be commercial interests.*



Wireless Internet access is available for attendees of the Global Health Center conference by signing on as Monte guests.



Follow us on Twitter at #EinsteinOH2018.

AGENDA

MONDAY, DECEMBER 3

8:30 am	REGISTRATION AND BREAKFAST	
9:00 am	WELCOME	Dr. L. M. Weiss , Albert Einstein College of Medicine
9:10 am	WELCOME FROM DEAN	Dr. G. Tomaselli , Albert Einstein College of Medicine
9:20 am	One Health for the 21st Century	Dr. W. B. Karesh , EcoHealth Alliance

HOW CAN ONE HEALTH HELP WITH EASING THE GLOBAL BURDEN OF DISEASE?

9:50 am	The One Health Opportunity to Save Our Planet and Ourselves	Dr. K. Martin , Consortium of Universities for Global Health
10:15 am	"Tails" From the CDC	Dr. N. Vora , NYC Department of Health and Mental Hygiene
10:35 am	BREAK	
10:50 am	Development Impact	Dr. F. Berthe , World Bank
11:10 am	Reducing Socioeconomic Consequences	Ms. O. Jonas , Harvard Global Health Institute
11:30 am	Climate Risk and Emerging Infectious Diseases—One Health Approach	Dr. C. Wannous , Towards a Safer World Network for Pandemic Preparedness
11:50 am	One Health and the International Health Regulations	Dr. E. L. Mumford , World Health Organization
12:10 pm	PANEL DISCUSSION AND Q&A	Moderated by Dr. K. Martin , Consortium of Universities for Global Health
12:45 pm	LUNCH AND FILMS/NETWORKING	

CASE STUDIES FOR APPLYING ONE HEALTH APPROACHES

2:00 pm	Sentinel Detection of Human Health Threats	Dr. J. A. K. Mazet , UC Davis One Health Institute and USAID Emerging Pandemic Threats PREDICT-2 Project
2:20 pm	Integrated Approaches to Understanding Emerging Viral Diseases	Dr. M. Rostal , EcoHealth Alliance
2:40 pm	Many Hosts of Mycobacteria — A One Health Approach to Mycobacterial Diseases	Dr. M. Larsen , Albert Einstein College of Medicine
3:00 pm	Drivers of Antibiotic Resistance	Dr. R. Laxminarayan , Center for Disease Dynamics, Economics & Policy
3:20 pm	DISCUSSION AND Q&A	
3:45 pm	BREAK	

MONDAY, DECEMBER 3

CLINICAL PRACTICE

4:00 pm	Competencies in One Health	Dr. J. A. K. Mazet , UC Davis One Health Institute and USAID Emerging Pandemic Threats PREDICT-2 Project
4:20 pm	Event Reporting: Power of Data in Medicine Through a One Health Lens	Dr. L. C. Madoff , Brigham and Women's Hospital
4:40 pm	Translational Research for Emerging Infectious Diseases	Dr. T. Parker , National Institute of Allergy and Infectious Diseases, Office of Biodefense, Research Resources and Translational Research
5:00 pm	Q&A, PANEL DISCUSSION, CONCLUDING REMARKS	Dr. M. Larsen , Albert Einstein College of Medicine
5:40–6:30 pm	NETWORKING (LIGHT RECEPTION)	Hosted by EcoHealth Alliance

TUESDAY, DECEMBER 4

8:00 am	BREAKFAST	
8:30 am	Continuing Remarks From Yesterday	Dr. L. M. Weiss , Albert Einstein College of Medicine
9:00 am	Application of Satellite Data to One Health	Dr. A. Anyamba , NASA/USRA

HOW CAN ONE HEALTH BE APPLIED TO CURRENT MEDICAL SCHOOL CURRICULUM AND PRACTICE (THE EXPERIENCE OF DIFFERENT SCHOOLS AND CENTERS)?

9:20 am	Reports From Academic and Curriculum-Setting Institutions Regarding Their One Health Efforts	Dr. A. Berrian , Ohio State University
9:40 am		Dr. G. Gray , Duke
10:00 am		Dr. R. Ruiz de Castañeda , University of Geneva
10:30 am	Gombe Project Premonition: Using Robotic Traps, Metagenomics and Artificial Intelligence to Detect Pathogens and Monitor Ecosystem Health in Gombe National Park, Tanzania	Dr. L. Pintea , Jane Goodall Institute
11:00 am	Synthesizing Needs and Opportunities: Direction-Setting	Ms. C. Machalaba , EcoHealth Alliance, and Ms. J. Raufman , Albert Einstein College of Medicine
12:15 pm	CONCLUDING REMARKS AND END OF CONFERENCE	

ONE HEALTH CONFERENCE SPEAKERS

Assaf Anyamba, MA, PhD

Research Scientist
Goddard Earth Science and Technology Research
Universities Space Research Association
NASA/Goddard Space Flight Center

Amanda Berrian, DVM, MPH, PhD

Assistant Professor
Associate Director, Veterinary Public Health Program
Department of Veterinary Preventive Medicine
Ohio State University

Franck Berthe, DVM, PhD

Senior Livestock Specialist
World Bank Group

Gregory Gray, MD, MPH, FIDSA

School of Medicine
Duke Global Health Institute

Olga Jonas, MA, MPA

Senior Fellow
Harvard Global Health Institute

William B. Karesh, DVM

Executive VP for Health and Policy
EcoHealth Alliance

Michelle Larsen, PhD

Assistant Professor, Department of Microbiology
& Immunology
Albert Einstein College of Medicine

Ramanan Laxminarayan, MPH, PhD

Director, Center for Disease Dynamics,
Economics & Policy

Lawrence C. Madoff, MD

Professor of Medicine, Brigham and Women's Hospital
Director, Division of Epidemiology and Immunization

Keith Martin, MD, PC

Executive Director, Consortium of Universities for
Global Health

Jonna A. K. Mazet, DVM, MPVM, PhD

Executive Director
UC Davis One Health Institute
PI, USAID Emerging Pandemic Threats PREDICT-2

Elizabeth L. Mumford, DVM, MS

Technical Officer, One Health Country Operations Team,
Department of Country Health Emergency Preparedness
and International Health Regulations

Tina Parker, DVM

Office of Biodefense, Research Resources
and Translational Research
National Institute of Allergy and Infectious Diseases

Lilian Pinteá, PhD

Vice President, Conservation Science
Jane Goodall Institute

Melinda Rostal, DVM, MPH

Senior Research Scientist
PREDICT-2 Surveillance Coordinator for EcoHealth Alliance
Rift Valley Fever Virus Project Manager
EcoHealth Alliance

Rafael Ruiz de Castañeda, PhD

Director, Precision One Health Unit
University of Geneva
Institute of Global Health

Gordon F. Tomaselli, MD

The Marilyn and Stanley M. Katz Dean
Albert Einstein College of Medicine

Neil Vora, MD

Director of Special Projects for the Division
of Disease Control
NYC Department of Health and Mental Hygiene

Chadia Wannous, PhD

Towards a Safer World Network for Pandemic Preparedness

Louis M. Weiss, MD, MPH

Professor of Medicine and of Pathology
Co-Director, Global Health Center
Albert Einstein College of Medicine



Albert Einstein College of Medicine

Montefiore

About Albert Einstein College of Medicine

Einstein, a part of Montefiore, is one of the nation's premier centers for research, medical education and clinical investigation. In 2017, Einstein received \$174 million in awards from the National Institutes of Health. This includes the funding of major research centers at Einstein in aging, intellectual development disorders, diabetes, cancer, clinical and translational research, liver disease and AIDS. Its partnership with Montefiore, the University Hospital and academic medical center for Einstein, advances clinical and translational research to accelerate the pace at which new discoveries become the treatments and therapies that benefit patients. Einstein runs one of the largest residency and fellowship training programs in the medical and dental professions in the United States through Montefiore and an affiliation network involving hospitals and medical centers in the Bronx and Brooklyn and on Long Island.

About the Einstein Global Health Center

In an increasingly interconnected world, the mission of the Albert Einstein College of Medicine Global Health Center is to promote the ideal of health for all. Our goals and objectives encompass the domains of education, research and service, which intersect and overlap in all of our actions.

To learn more, please contact us at:

global@einstein.yu.edu

718.430.3518

Albert Einstein College of Medicine

1300 Morris Park Avenue

Block Building 505

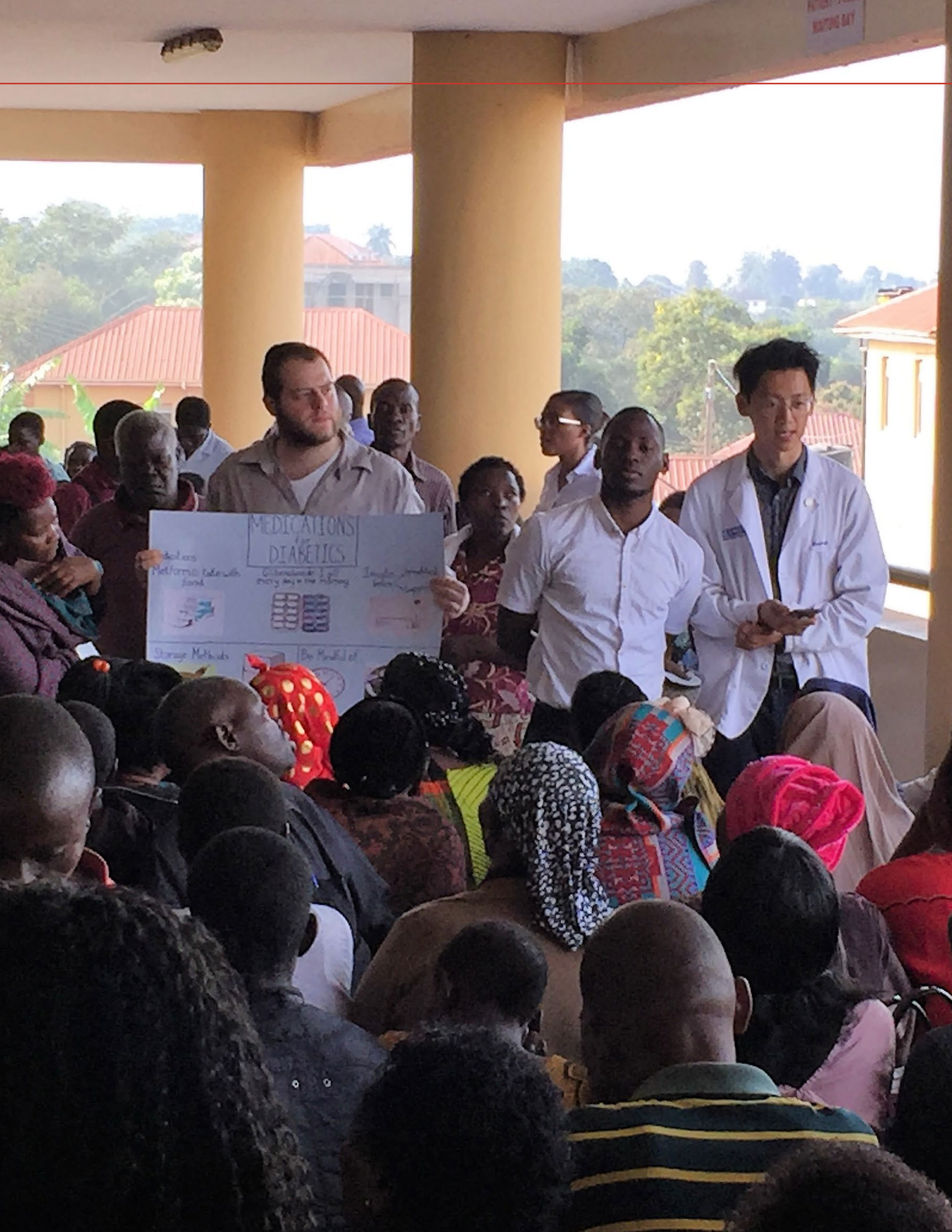
Bronx, NY 10461



EcoHealth Alliance

About EcoHealth Alliance

Building on over 45 years of groundbreaking science, EcoHealth Alliance is a global nonprofit organization dedicated to protecting wildlife, environmental and public health from the emergence of disease. Approximately 60 percent of emerging infectious diseases, such as Ebola, HIV, Zika, SARS, MERS and West Nile virus, have originated in animals before spilling over to human populations. Using environmental and health data covering the past 60 years, EcoHealth Alliance scientists created the first-ever global disease hotspots map that identified at-risk regions to determine where research and fieldwork are needed to help predict and prevent the next pandemic crisis. That work is the foundation of EcoHealth Alliance's rigorous, science-based approach, now implemented in nearly 30 countries. EcoHealth Alliance's strength is founded on innovations in research, training, global partnerships, capacity building and policy initiatives.



MEDICATIONS for DIABETICS

Medications
Metformin taken with food
Insulin
Single Injections

Storage Methods

Be Mindful of

