PANELISTS



Captain Nancy Knight
Director of the Division of
Global Health Protection,
Centers for Disease Control
(CDC)

@CDCGlobal

Throughout Captain Nancy Knight's international career, she has led the development, coordination, and implementation of key public health policies and programs. She has extensive experience advancing public health priorities through her leadership and close collaboration with government officials and partners. Knight began her career with the US government in Health Resources & Service Administration's (HRSA's) Bureau of Health Professions, focusing on improving the quality of primary care medical education and services. She has also worked in public health at the local government level, providing primary healthcare services, and working on a number of response teams responsible for local and regional disaster response planning and coordination.



Allison Neale
Director of Public Policy,
Henry Schein

Allison Neale has worked in global health, corporate social responsibility, and

human rights for two decades. Since 2008, Neale's work at Henry Schein has focused on global health, public policy, corporate social responsibility, and communications. Neale also leads several major public-private partnerships in global health, including Henry Schein's engagement as private sector lead of the Pandemic Supply Chain Network, an initiative aimed at enhancing global pandemic preparedness and relief efforts.



Dr. John Paul ClarkSenior Health Specialist,
World Bank Group

Dr. John Paul Clark, an epidemiologist and health planner, is coordinator of the

West Africa Regional Disease Surveillance Systems Enhancement Program at the World Bank Group. Dr. Clark also provides technical leadership and guidance on maternal and child health and the control of malaria, HIV/AIDS, NTDs, and other communicable diseases. Dr. Clark held senior positions at the World Health Organization (WHO), USAID and the US Department of Health and Human Services (HHS), as well as adjunct faculty appointments at the Johns Hopkins University, the University of Michigan, and the University of Maryland.



Maimuna (Maia) Majumder HealthMap

maiamajumder

Maimuna (Maia) Majumder is an Engineering Systems

PhD candidate at MIT and computational epidemiology research fellow at HealthMap. Her research interests involve probabilistic modeling, data mining, and systems epidemiology in the context of public health. She also focuses on novel techniques for data procurement and creating meaningful data visualizations.

4:30-4:45 pm Concluding Remarks

 $\textbf{Marian W. Wentworth,} \ \mathsf{MSH}$

@MSHMarian

5:00–7:00 pm **Reception** 2nd Floor Lounge, Rotunda

Sponsors

James M. and Cathleen D. Stone Foundation

The mission of The James M. and Cathleen D. Stone Foundation is to promote a more knowledgeable and inclusive society, in collaboration with Harvard University and The Boston Foundation, with an emphasis on education, science, mitigation of economic inequality, biodiversity, and urban sustainability.

No More Epidemics

No More Epidemics is a global campaign to encourage governments and key stakeholders to better prevent, prepare and respond to infectious disease epidemics. Established by Management Sciences for Health (MSH), International Medical Corps (IMC), Save the Children, and the African Field Epidemiology Network (AFENET), the Campaign was officially launched in November 2015.

Management Sciences for Health

Management Sciences for Health (MSH) saves lives and improves health by ensuring equitable access to healthcare for people most in need. For more than 45 years in over 150 countries, MSH has partnered with governments and communities to build strong, locally-led health systems that improve health and fight infectious disease. For more information, www.msh.org.

Harvard Global Health Institute

The Harvard Global Health Institute is committed to surfacing and addressing broad challenges in public health that affect large populations around the globe. We believe that solutions that will move the dial draw from within and beyond the medicine and public health spheres to encompass design, law, policy, and business. We do that by harnessing the unique breadth of excellence within fields at Harvard and by being a dedicated partner and convener to organizations, governments, scholars, and committed citizens around the globe.

Georgetown Center for Global Health Science and Security

The Center for Global Health Science and Security at Georgetown University Medical Center was formally established in September 2016. The Center's multi-disciplinary team develops evidence for action, providing decision makers with the tools they need for sustainable capacity building to prevent, detect, and respond to public health emergencies. The team incorporates expertise in epidemiology, microbiology, virology, animal and human health systems, demography, economics, finance, statistics, and law.

Ready Together

Ready Tog	etner Monday, November 13, 2017
8:00-8:20 am	Welcome Ashley Arabasadi, Management Sciences for Health Dr. Ashish Jha, Harvard University Dean Michelle A. Williams, Harvard T.H. Chan School of Public Health Dr. James M. Stone, James M. and Cathleen D. Stone Foundation Marian W. Wentworth, Management Sciences for Health
8:20-8:50 am	Keynote: International Finance Working Group and Introduction to Relevant Efforts in Global Financing of Pandemics, Peter Sands, Harvard University
8:50–10:30 am	Panel 1: Risks to the Private Sector and Building Resilient Communities Moderator: Dr. Ann Marie Kimball, Chatham House Panelists: Ben Plumley, Chevron Graham Davidson, Rio Tinto Rebecca Fish, Emergent BioSolutions
10:30-10:45 am	Break
10:45 am-12:15 pm	Panel 2: Innovations for Pandemic Preparedness Moderator: Dr. Ashish Jha, Harvard University Panelists: Ryan Morhard, World Economic Forum Dr. Kendall Hoyt, Dartmouth Medical School Julie Whipple, Qlik
12:15-1:15 pm	Lunch
1:15-2:45 pm	Panel 3: Whole of Society Collaborations to Enhance Global Health Security Moderator: Dr. Jonathan D. Quick, Management Sciences for Health Panelists: Dr. Samuel Abu Pratt, FOCUS 1000 Dr. Gagik Karapetyan, World Vision Ashley Arabasadi, Management Sciences for Health
2:45-3:00 pm	Break
3:00-4:30 pm	Panel 4: Overcoming Barriers—Public Private Partnerships, Country Engagement, Financing Moderator: Dr. Rebecca Katz, Georgetown University Panelists: Captain Nancy Knight, Centers for Disease Control Allison Neale, Henry Schein Dr. John Paul Clark, World Bank Group Maimuna (Maia) Majumder, HealthMap
4:30-4:45 pm	Concluding Remarks: Marian W. Wentworth, Management Sciences for Health

WiFi: HMS Public. No password required #readytogether @MSHHealthImpact

Reception, 2nd Floor Lounge, Rotunda

5:00-7:00 pm



A Conference on Epidemic Preparedness

November 13, 2017

The Joseph B. Martin Conference Center I Harvard Medical School





James M. and Cathleen D. Stone Foundation





GEORGETOWN UNIVERSITY
Georgetown University Medical Center
Center for Global Health Science and Security

#readytogether

8:00-8:20 **Welcome**



Ashley Arabasadi Chair of the Global Health Security Agenda Consortium, Global Health Security Policy and Advocacy Advisor for

Management Sciences for Health (MSH) @al arabasadi

Prior to her work at MSH, Ashley Arabasadi worked for International Medical Corps, leading the organization's efforts on the Global Health Security Agenda after managing the disaster response programs in Asia. Arabasadi also worked with USAID's Global Health Bureau's Office of Health, Infectious Disease and Nutrition office, supporting the Child Survival Health Grants program and the Leadership Initiative for Public Health in East Africa program. Arabasadi is a formally trained physical anthropology and archaeologist specializing in health and disease in human skeletal populations.



Dr. Ashish Jha Director, Harvard Global Health Institute @ashishkjha

Dr. Ashish Jha is also the K.T. Li

Professor of Global Health at Harvard University. Senior Associate Dean for Research Translation and Global Strategy at Harvard T.H. Chan School of Public Health. His research focuses on improving the quality and costs of health care systems with a specialized focus on the impact of policies. Dr. Jha, who has published over 200 papers and heads a personal blog focusing on using statistical data research to improve health quality, is a member of the Institute of Medicine at the National Academies of Sciences, Engineering, and Medicine



Dean Michelle A. Williams Harvard T.H. Chan School of Public Health @HarvardChanDean

Dean Michelle A. Williams is an internationally renowned epidemiologist and public health scientist, an award-winning educator, and a widely recognized academic leader. Her scientific work focuses on integrating genomic sciences and epidemiological research methods to identify risk factors, diagnostic markers, treatments, and prevention targets for disorders that contribute to maternal and infant mortality. In 2011, President Barack Obama presented her with the Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring. Williams was elected to the National Academy of Medicine in 2016.



Dr. James M. Stone James M. and Cathleen D. Stone Foundation Or. Stone received his Ph.D. from

Harvard and was then appointed

Lecturer in Economics. In 1975, he was named Massachusetts Commissioner of Insurance. Four years later, he was appointed Chairman of the U.S. Commodity Futures Trading Commission, the federal agency with principal regulatory jurisdiction over derivatives trading. In 1983, he founded the Plymouth Rock group of insurance companies, where he remains CEO. He is a member of the general partnership of Lindsay Goldberg, a private equity firm. Dr. Stone served on the board of *The Boston Globe* and as Vice Chairman of Global Post, an international news service. He is currently a member of the Board of ProPublica. Stone served for ten years as a director and Chairman of MSH, a public health non-profit operating in over forty countries. He is on the Executive Committee of Cold Spring Harbor Laboratory, a genetics institute; and chairs the School on the Move prize panel, which provides an annual award to the most improved Boston public school.



Marian W. Wentworth President and Chief Executive Officer, MSH @MSHMarian

Marian W. Wentworth has over

25 years of experience leading international public health initiatives. Previous to MSH, at Merck & Co, Wentworth led global strategy across marketing, manufacturing, and research for a \$6 billion vaccines business. A champion for women's and girls' health, she led the global sales and marketing launch of the world's first cervical cancer vaccine, Gardasil. Wentworth, who has managed a portfolio of adult vaccines for shingles, influenza, pneumococcal disease, hepatitis B, hepatitis A, and tetanus, has worked extensively with major policy decision-makers including Gavi, the World Health Organization, the Bill & Melinda Gates Foundation, and various ministries of health.

8:20-8:50 am **Keynote** International Finance Working Group and Introduction to Relevant Efforts in Global Financing of Pandemics



Peter Sands Research Fellow, Harvard University @sandshighbury

Prior to Harvard, Peter Sands

served as Group Chief Executive of Standard Chartered PLC and a Director of McKinsey & Co. Sand's engagement with global health issues includes: chairing the US National Academy of Medicine's Commission on a Global Health Risk Framework for the Future; chairing the World Bank's International Working Group on financing preparedness; lead Non-Executive Director on the Board of the UK's Department of Health; and as an active member on the US National Academy of Science's Committee on Ensuring Access to Affordable Drugs and its Forum on Microbial Threats.

8:50-10:30 am Panel 1 Risks to the Private Sector and **Building Resilient Communities**

MODERATOR



Dr. Ann Marie Kimball Senior Consulting Fellow for the Centre on Global Health Security, Chatham House Dr. Ann Marie Kimball, physician and epidemiologist, has served

as technical and strategic lead for the Bill and Melinda Gates Foundation surveillance strategy formation and as Professor of Epidemiology at the University of Washington (UW) School of Public Health. During her tenure at UW, Dr. Kimball founded and directed the APEC Emerging Infections Network and led research and training programs in Peru and Thailand. She is the author of Risky Trade: Infectious Diseases in an Era of Global Trade and numerous scientific publications. Most recently she led the Rockefeller Foundation evaluation of their global disease surveillance network portfolio.

PANELISTS



Ben Plumley Manager of Public Health, Chevron @benplumley

Ben Plumley is responsible for leading Chevon's global workforce strategies to minimize the impact of infectious diseases and how to anticipate and respond to new infectious disease outbreaks. Plumley is a public health policy advocate and strategist, with over 25 years of experience in the private, non-profit, UN, and governmental sectors. He was previously Chief Executive Officer of Pangaea Global AIDS, a global infectious disease think-tank, and technical assistance provider to countries and communities most affected by HIV, TB, hepatitis and malaria. He was Director of the Executive Office for UNAIDS' founding Executive Director, Professor Peter Piot, and co-founded the Global Business Coalition on HIV/AIDS with the late Ambassador Richard Holbrooke.



Graham Davidson Managing Director of Simandou, Rio Tinto

Graham Davidson has been with Rio Tinto for over 25 years where he has held senior management

positions in various locations, including Rio Tinto Coal Australia; Kaltim Prima Coal Indonesia; Rio Tinto Procurement Australia; and Rössing Uranium Namibia. Prior to this, Davidson was Chief Executive Officer of Port Waratah Coal Services in Newcastle, Australia and has held several board appointments, in private and not for profit sectors, and has vast experience managing large operations with external stakeholders.



Rebecca Fish Vice President of Marketing and Product Strategy, **Emergent BioSolutions** Prior to Emergent BioSolutions,

which develops medical countermeasures against biological and chemical threats including anthrax, smallpox, and botulism, Rebecca Fish worked at GlaxoSmithKline as Global Head of Medical Countermeasures, Executive Director of Vaccine, Antibiotic, and Biodefense Policy, and Senior Director of Public Customer Marketing. Fish also spent many years at Merck & Co. Inc., where she held senior sales and marketing positions. In addition to her private sector work, she served as Senior Policy Advisor to The Deputy Assistant Secretary of Health within the Department of Health and Human Services, leading the Vaccine Policy, Science, and Strategy Team and development of the US National Adult Immunization Plan. Fish worked within the Centers for Medicare and Medicaid services, developing new strategies for drug reimbursement policy.

10:30-10:45 am **Break**

10:45 am-12:15 pm **Panel 2** Innovations for Pandemic Preparedness

MODERATOR

Dr. Ashish Jha

Director, Harvard Global Health Institute (see previous bio/Welcome) @ashishkjha

PANELISTS



Rvan Morhard Project Lead, Global Health Security, World Economic Forum (WEF)

Prior to joining the WEF, Ryan Morhard served in the US Department of Health and Human Services (HHS). At the HHS, he led engagement in several multilateral, regional, and bilateral partnerships to support domestic and international response to Ebola, Zika, and other public health emergencies—as well as to strengthen collective preparedness for such emergencies. Morhard was an Associate at the Center for Health Security and has taught Global Health Diplomacy at the George Washington University School of Public Health.



Dr. Kendall Hoyt Assistant Professor, Dartmouth Medical School, Advisor, Coalition for **Epidemic Preparedness** Innovations

@KendallHoyt

As Assistant Professor at the Geisel School of Medicine at Dartmouth Medical School, Kendall Hoyt focuses on US biodefense policy, global health policy, and biomedical R&D strategy. Dr. Hoyt is also a lecturer at the Thayer School of Engineering at Dartmouth College where she teaches courses on technology and biosecurity.

Author of Long Shot: Vaccines for National Defense, she currently serves as an advisor to the Coalition for Epidemic Preparedness Innovations. Hoyt has also worked in the International Security and International Affairs division of the White House Office of Science and Technology Policy, McKinsey & Co, and the Center for the Management of Innovation and Technology at the National University of Singapore.



Julie Whipple Global Head of Corporate Social Responsibility, Qlik @juliewhipplecsr

At Qlik, Julie Whipple focuses

on empowering community-based and humanitarian non-profits to most effectively serve vulnerable populations through "Change Our World." Prior to her current role, Whipple managed relationships with large enterprise organizations within the financial services industry and public sector, delivering valuable analytical solutions. Whipple's work focuses on delivering innovative solutions through the creation of collaborative partnership. She is also the Founder and President of WeSeeHope USA Inc, a not for profit supporting youth programs in Africa, and serves as a Board Member to the Friends of Dana Farber Cancer Institute.

12:15-1:15 pm **Lunch**

1:15-2:45 pm **Panel 3** Whole of Society Collaborations to **Enhance Global Health Security**

MODERATOR



Dr. Jonathan D. Quick Senior Fellow, MSH @jonoquick

Dr. Jonathan D. Quick is a family physician and health

management specialist. He focuses on global health security and provides strategic counsel to the MSH-led multipartner No More Epidemics campaign. Dr. Quick has worked in international health since 1978 and has carried out assignments in over 70 countries in Africa, Asia, Latin America, and the Middle East. Dr. Quick is the author of *The End of Epidemics: The Looming Threat* to Humanity and How to Stop It (forthcoming from St. Martin's Press/Scribe in 2018).

PANELISTS



Dr. Samuel Abu Pratt Director of Programmes, **FOCUS 1000**

Before joining FOCUS 1000, Dr. Samuel Abu Pratt worked in the Ministry of Health of

Sierra Leone for over 24 years as a District Medical Officer. As a health specialist at UNICEF, he contributed to the development, implementation, and evaluation of child survival programs. Over his 37 years working in public

health, Dr. Pratt has co-ordinated public health divisions and acted as a national trainer to address environmental sanitation, maternal and child health, family planning, immunizations, endemic disease control, epidemic investigation and management, and nutrition.



Dr. Gagik Karapetyan Senior Technical Advisor, Infectious Diseases, World Vision @GagikKarapetyan

Dr. Gagik Karapetyan leads World Vision's Infectious Diseases programming with public and private donors, nongovernmental organizations, and universities, including USAID and The Bill & Melinda Gates Foundation. With infectious diseases and program management experience, including management of the Global Fund to Fight AIDS, Tuberculosis and Malaria Program, Dr. Karapetyan provides technical expertise for tuberculosis, malaria, neglected tropical diseases (NTD,) and other infectious diseases. He worked in Haiti after the 2010 earthquake, where he managed emergency response programs and contributed to a multisectoral assessment for post-earthquake recovery, and recently provided technical coordination of World Vision's response to the Ebola epidemic in West Africa.

Ashley Arabasadi

Chair of the Global Health Security Agenda Consortium, Global Health Security Policy and Advocacy Advisor for Management Sciences for Health (MSH) (see previous bio/Welcome) @al_arabasadi

2:45-3:00 pm **Break**

3:00-4:30 pm **Panel 4** Overcoming Barriers—Public Private Partnerships, Country Engagement, Financing

MODERATOR



Associate Professor of International Health and Co-Director of the Center for Global Health Science and Security at Georgetown

@RebeccaKatz5

University

Rebecca Katz

Prior to coming to Georgetown, Rebecca Katz spent ten years at The George Washington University as faculty in the Milken Institute School of Public Health. Her research is focused on global health security, public health preparedness, and health diplomacy. Since 2007, much of her work has been on the domestic and global implementation of the International Health Regulations (IHR). Since 2004, Katz has been a consultant to the US Department of State, working on issues related to the Biological Weapons Convention, pandemic influenza, and disease surveillance.