Science-based Approaches for Prioritizing Capabilities for Preventing, Detecting, and Responding to Infectious Disease Outbreaks, Epidemics, and Pandemics - A Symposium

Committee

Lisa M. Hilmi

Chair

Lisa Hilmi is Executive Director of CORE Group. As a nurse, researcher, and public health expert, she has worked at multiple levels of global health, in policy, research, emergency relief, global health security, disaster and response, workforce development, health systems strengthening, and from local to global levels. Hilmi's prior positions include the Peace Corps in Niger, the World Health Organization (WHO)., and other nonprofit organizations. She sits on Steering Committees for GAVI (Global Vaccine Initiative), WHO's Partnership of Maternal, Newborn, and Child Health, and the Community Health Roadmap led by UNICEF and the U.S. Agency for International Development. She is a co-chair for the Civil Society Organization ACT-A COVAX Vaccine Pillar. Hilmi received a B.A. in communications and political science from Villanova University, a B.S.N. from the University of Pennsylvania, and an M.P.H. from Columbia University.

Larry Brilliant

Member

Larry Brilliant is a physician and epidemiologist. Currently, he is CEO of Pandefense Advisory, senior counselor at the Skoll Foundation, CNN Medical Analyst and contributing writer at Time Magazine, and an advisor to the World Economic Forum. Previously, he served on the board of the Skoll Foundation, was Chair of the Advisory Board of the NGO Ending Pandemics, the president and CEO of the Skoll Global Threats Fund, vice president of Google and the founding executive director of Google.org. He also co-founded and served on the board for 30 years of the Seva Foundation, an NGO whose programs have given back sight to more than 5 million blind people in two dozen countries. Earlier in his career, Brilliant was an associate professor of epidemiology and international health planning at the University of Michigan, and lived in India for nearly a decade where he was a member of the successful World Health Organization (WHO) Smallpox Eradication Programme for southeast Asia, WHO Polio Eradication Programm¬e, and WHO Blindness Programme. Recent awards include the TED Prize, Time Magazine's 100 Most Influential People, UCLA "International Public Health Hero" and gold medal, and four honorary doctorates. Brilliant received an MD from Wayne State University School of Medicine and an MPH from the University of Michigan.

Erwin Humberto Calgua Guerra

Member

Erwin Calgua is currently a Research Professor at the Research Center of Health Sciences, School of Medicine, at San Carlos University in Guatemala. Previously, he was Chief Scientific Officer at the University of San Carlos, Research Director at the School of Medicine, and Chair of the Center for Biomedical Research. As a clinical epidemiologist, his research focuses on development of novel methods to detect SARS-CoV-2, and analysis of serologic and genetic data related to SARS-CoV-2 and mpox, as well as COVID-19 vaccines. Calgua is currently an epidemiological advisor to Centivax and has previously served as Advisor to the National Congress, the President, and Minister of Health in Guatemala. He received a Guatemalan National Congress Recognition for efforts during the COVID-19 pandemic, Recognition of St. John’s General Hospital for efforts during the COVID-19 pandemic, and Researcher of the Year award from University of San Carlos of Guatemala in 2022. Calgua graduated as a Physician and General Surgeon from the School of Medical Sciences of the University of San Carlos of Guatemala and received an M.S. in clinical epidemiology (pharmacoepidemiology concentration) from the Perelman School of Medicine at the University of Pennsylvania.

Arminder Kaur Deol

Member

Arminder Deol is currently Head of Data Science and Advanced Analysis at CEPI (Coalition for Epidemic Preparedness Innovations). In addition, she also holds an honorary Assistant Professor position in Infectious Disease Modelling and Epidemiology at the London School of Hygiene and Tropical Medicine, where she also worked on vaccine impact of various infectious diseases globally as well as data collection in South Africa. Prior to this, Deol was a researcher at Imperial College London for almost a decade, focusing on mathematical modeling and field epidemiology through which she spent extended periods of time in the field in several sub-Saharan African countries as well as China, working closely with the National Ministries of Health. Her current work at CEPI focuses on epidemic response as well as helping to prepare and plan for future pandemics using mathematical modeling and other methods, working closely with global partners and stakeholders. Deol received an M.S. and Ph.D. in epidemiology, with an emphasis on mathematical modeling, from Imperial College London.

Richard M. Garfield

Member

Richard Garfield is Team Lead (Acting) of the Global Health Security Team in the Global Health Center of US Centers for Disease Control and Prevention. He is a nurse and epidemiologist working with governments in many countries to assess, finance, plan, and implement global health security activities. He has lived in and worked with Ministries of Health in 4 countries and previously had been a staff member of the World Health Organization emergency response program in Geneva. He has participated in previous consultations at NRC on health systems and health security.

Soawapak Hinjoy

Member

Soawapak Hinjoy is Director of the Office of International Cooperation within the Department of Disease Control in the Ministry of Public Health in Thailand. She is enthusiastic about developing collaborations in public health research on zoonotic diseases, emerging and re-emerging infectious diseases under the One Health concept in Thailand and at the international level. Hinjoy has experience with emergency operation centers (EOCs) and is currently Chief of a liaison taskforce of an EOC in the Department of Disease Control. She also serves as national coordinator of ASEAN (Association of Southeast Asian Nationals) Health Cluster 2, the Mekong Basin Disease Surveillance Foundation (MBDS) network, and Thailand’s Global Health Security Agenda coordinating unit, developing effective public health control and prevention strategies from a global health security perspective. Hinjoy received a Ph.D. in public health from Johns Hopkins Bloomberg School of Public Health.

Aamer Ikram

Member

Aamer Ikram is currently Chief Executive Officer of the National Institutes of Health Pakistan and the National Coordinator for the National Command & Operation Centre for COVID-19. He has extensive experience working with International Health Regulations, the Global Health Security Agenda, integrated disease surveillance and response, One Heath, and biosafety and biosecurity. Ikram serves as Chair of the Advisory Board Training Programs in Epidemiology & Public Health Interventions Network (TEPHINET), Chair of the Board of Directors International Federation of Biosafety Associations (IFBA), and Member of the Board of the Global Alliance for Vaccine and Immunisation (GAVI). He is also a Fellow of the Pakistan Academy of Sciences. He has been Chief Editor of Infectious Diseases Journal Pakistan and a member of editorial boards of various national and international journals. Ikram received an M.B.B.S. in 1987, Diploma in Pathology in 1990, M.C.P.S. in Clinical Pathology in 1991, Fellowship in Microbiology in 1998, clinical training in the UK in 2005, and PhD in 2014.

Joshua Kayiwa

Member

Joshua Kayiwa is based at the local Ministry of Health within the Public Health Emergency Operations Centre, information management section, in Uganda. This post has seen him contribute to the successful control of the several infectious diseases in the country, including Ebola and Marburg virus Disease, Dengue, West Nile, Rift Valley, Crimean-Congo Hemorrhagic, and yellow fevers, anthrax, measles, cholera, influenza, and plague, among other diseases. Kayiwa is a medical statistician by training, with a specialization in the management for outbreaks of tropical infectious diseases. Kayiwa also heads the team overseeing the country’s electronic Integrated Diseases Surveillance and Response (eIDSR) system. For the past ten years, Kayiwa has also served as an online tutor at The London School of Hygiene and Tropical Medicine (LSHTM), where he lectures on the MSc. Epidemiology program under the ‘Statistical Methods in Epidemiology’ module. Kayiwa received his M.Sc. in medical statistics from LSHTM
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Jessica Petrillo

Member

Jessica Petrillo serves as Lead for a new team in the Emerging Threats Division at the U.S. Agency for International Development (USAID) focused on global health security (GHS) multilateral affairs and policy. The team promotes strategic engagement in multilateral policy and foreign affairs fora, and the development and maintenance of relationships with key multilateral partnerships to strengthen the enabling environment globally for USAID and U.S. government GHS priorities, as well as capacity building and outbreak response investments. Petrillo previously served as Senior Advisor for Antimicrobial Resistance and Biodefense at USAID with responsibility for strengthening the Agency’s technical capacity in, and strategic approach, to these priority health security objectives. Jessica's work at USAID builds on over 10 years of experience advancing GHS at the U.S. Department of State, including serving as a lead on the development and implementation of efforts such as the National Biodefense Strategy (NBS) and Global Health Security Agenda. Petrillo received a Ph.D. in virology from Harvard University and conducted her postdoctoral research at the Scripps Research Institute.

Gisela Scaglia

Member

Gisela Scaglia is a former Member of Parliament in Argentina (2013-2021), where she worked in legislation on environment, health, and education. She has had a long career in public administration at the local and national levels. She currently works as a consultant in social development promoting global health projects. She is also Director of Women Impulse Programs at Fundación Transformar and is a member of the Global Board of UNITE Parliamentarian Network for Global Health, Chapter Chair for Latin America, member of the Steering Committee for the Digital Health Hub, and was Co-Chair for Latin America of the Global Tuberculosis Caucus. In the past 15 years, she has been Professor of Political Science at various national universities and Scholar at the Foundation for Advanced Education in the Sciences. In 2022, Scaglia conducted research on the agendas of world leaders, including the G20, before and after the COVID-19 pandemic. Scaglia received an M.P.A from the Torcuato di Tella University.

Julie Kathleen Wahl

Member

Julie Wahl serves as Program Management Advisor within the Prevent Epidemics Unit at Resolve to Save Lives. She has over a decade of experience in global health and has held leadership roles supporting HIV/AIDS programming in Sub-Saharan Africa; maternal and neonatal health in Papua New Guinea; and chronic disease initiatives for women in Haiti. Her current focus is strengthening country-level epidemic preparedness through strong governance, accountability, and quality improvement measures. Wahl received a B.A. in biochemistry from Huntingdon College and an M.P.H. from the University of Missouri.