

Speakers and Moderators – May 4, 2023

POLITICAL AND ECONOMIC CONTEXT FOR SUSTAINABLE INTERNATIONAL EPIDEMIC PREPAREDNESS: INTERNATIONAL GOVERNANCE AND FINANCE (SESSION 1)

Mercy Mwangangi is Director of Health Systems Strengthening at Amref Health Africa, Kenya office and Former Chief Administrative Secretary, Ministry of Health, Kenya. She believes in the crucial and catalytic role that health plays in the social and economic development of Kenya, and it is with this affirmation that she put down her stethoscope and pursued a master's degree in Health Economics and Policy at the University of Adelaide in South Australia in 2015. Dr. Mwangangi contributed to the design, and implementation of the Universal Health Coverage Pilot program, that form part of the Presidential Big Four Agenda. Having previously worked as the head of the Health Financing Division in the Ministry of Health, her focus in the design of the UHC Program has centered on the health financing architecture of the program and its alignment to intergovernmental service delivery priorities. With an indulgence for analytics and design thinking, Mercy has also contributed to the development of an array of policy frameworks in the health sector, including the Primary Health Care Strategy. She also served as the joint secretary of the Health Benefits Advisory Panel that was commissioned with the design of the Essential Health Benefit Package for Kenya. In her role as part of the stewards of the Kenya's risk communication strategy in the fight against the Coronavirus pandemic, and an emerging face of solace and resilience, Dr Mwangangi has gained an appreciation for the role that the youth can play in public service as communication and behavior change champions.

Sara Hersey is an infectious disease epidemiologist who has served in global public health leadership roles over the past two decades with the World Health Organization (WHO), the US Centers for Disease Control and Prevention, the World Bank, and Resolve to Save Lives (RTSL). Her professional experience spans more 50 countries in Africa, Asia, the Middle East, and the Caribbean where she has led efforts in outbreak preparedness and response, infectious disease prevention and treatment, strategic planning, policy, financing and program management. Sara joined WHO in January 2023 as the Director of Collaborative Intelligence for the Division of Health Emergency Intelligence and Surveillance Systems. In this role, she is based in Berlin with the WHO Hub for Pandemic and Epidemic Intelligence where she leads external partnerships, collaborations, and networks. Previously, Sara was a senior advisor on health security and COVID-19 seconded to the World Bank by RTSL. Sara was the first US CDC Country Director in Sierra Leone, leading their Ebola response and establishing the Global Health Security Agenda program for the US Government. She was also the US CDC Country Director in South Sudan through the 2013-14 civil war. Sara has worked as an epidemiologist with the US CDC in Malawi and South Africa, with UNHCR responding to complex emergencies, and with FHI 360 in the Asia Pacific region. Sara started her international career with the US Peace Corps in Malawi and her public health career with Planned Parenthood.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Priya Basu is the Executive Head of the Secretariat for the newly established the Pandemic Fund, hosted by the World Bank. Priya has also been serving as head of the Secretariat for the COVID-19 task force and leading the World Bank's engagement on pandemic prevention, preparedness, and response in global fora, including the G20 and G7 - coordinating across finance and health. With a career in development finance spanning three decades, Priya brings a depth and breadth of experience in country operations across world regions, resource mobilization, and leading and driving large and complex multi-stakeholder initiatives and agreements at the global level to support global public goods. Since joining the World Bank Group in 1998 through the Young Professionals Program, Priya has held multiple technical and leadership positions at the World Bank. Prior to her current position, Priya served as Head of Development Finance at the World Bank, helping to formulate IDA20's ambition and policy priorities on crisis preparedness and response. Before that, she served as the inaugural head of the Women Entrepreneurs Finance Initiative (We-Fi), spearheading the vision, strategy, and execution of this global initiative. In previous roles, Priya managed the World Bank's \$21 billion portfolio of innovative, multi-donor funds to support partnerships to address global commons, such as pandemic threats, climate change, food security and debt relief. Before that, she served as Lead Economist for the South Asia Region, where she and her team reshaped the Bank's finance and private sector engagement strategy for India and built up a multi-billion-dollar lending and advisory program, with a focus on financial inclusion, investment climate reforms, jobs, and growth. Priya has also served as economist in the Bank's Europe and Central Asia Region, working on bank restructuring in Russia, and in East Asia, as a member of the Bank's financial sector restructuring program for Indonesia in the aftermath of the 1997 East Asian crisis. Prior to the World Bank, Priya worked in investment banking in London. She also previously worked as an economist at the International Monetary Fund, Asian Development Bank in Manila, and UNCTAD and ILO in Geneva. She is the author of three books, including *Creating Resilient Financial Regimes in Asia: Challenges and Policy Options* (Oxford University Press), *India's Financial Sector: Recent Reforms, Future Challenges* (Macmillan), and *Improving Access to Finance in India* (World Bank). Priya holds a B.A. (Hons.) degree in economics from St. Stephen's College, Delhi University, a B.A. (Hons.)/M.A. in Philosophy, Politics and Economics from Merton College, Oxford University, and M.Sc./postgraduate degrees in development economics also from Oxford University.

Saul Walker is Director of Public Partnerships at the Coalition for Epidemic Preparedness Innovations (CEPI). Saul leads CEPI's strategic engagement with global and regional partners (such as WHO, GAVI, Unicef, Africa CDC, European Commission) that are essential to the development and equitable access to vaccines against outbreak and pandemic threats. Prior to joining CEPI, he worked at the UK Department for International Development (latterly Foreign, Commonwealth and Development Office) for 17 years, including roles as Deputy Director for COVID19 Vaccines, Therapeutics and Diagnostics (2020 – 23), Deputy Director for Ebola Response in Eastern Democratic Republic of Congo (2019 – 2020), Chief of Staff for the Asia, Caribbean and Overseas Territories Region and Senior Policy Advisor on Access to Medicines. He was seconded to the World Bank Mozambique Country Office for three years as a Senior Health Specialist and Task Team Leader. Prior to joining the UK Government, Saul held positions as Executive Director for Public Policy at the International Partnership for Microbicides, Senior Policy Advisor at the International AIDS Vaccine Initiative and Senior Policy Advisor at the UK National AIDS Trust. He was awarded an OBE for services to international development in 2020. He holds master's degrees from the University of Cambridge and University of Warwick.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

POLITICAL AND ECONOMIC CONTEXT FOR SUSTAINABLE INTERNATIONAL EPIDEMIC PREPAREDNESS: REGIONAL AND COUNTRY EFFORTS AND BUILDING TRUST (SESSION 2)

Ayoade Alakija is the WHO Special Envoy for the Access to COVID-19 Tools Accelerator (ACT-Accelerator). In her capacity as Special Envoy, Dr Alakija will help lead the collective advocacy for the ACT-Accelerator, mobilizing support and resources so it can deliver against its new Strategic Plan and Budget that was launched on 28 October 2021, and ensuring that the response is characterized by accountability, inclusion, and solidarity. Dr Alakija also supports the leaders of the ACT-Accelerator's three product pillars (vaccines, tests, treatments) and cross cutting 'connector'; consult widely on the work of the ACT-Accelerator; advise the Director-General, ACT-Accelerator principals and stakeholders on emerging issues; and represent the ACT-Accelerator in key national and international fora. Dr Alakija joined the ACT-Accelerator at a critical moment in the global COVID-19 response, where the emergence of new variants of concern and missed global coverage targets leave large swathes of the world's population unvaccinated, untested and untreated. The need for equitable access to vaccines, testing, treatments, and personal protective equipment (PPE) remains vitally important to bringing an end to the acute phase of the pandemic. Dr Alakija is a medical doctor with a Master's degree from The London School of Hygiene and Tropical Medicine in Public Health and Epidemiology. She is a global health leader and activist who has deployed diplomacy to bring together the global north and south together in coordinated responses to the pandemic. In her previous role as Chief Humanitarian Coordinator for Nigeria, she led the Oslo Humanitarian Conference for Nigeria and the Lake Chad region, working with governments and multilateral institutions to mobilize responses to some of the most under-recognized humanitarian crises in the world. While based in Fiji, she worked closely with the WHO and UNICEF to design, coordinate, and implement National Health and Behavioral Surveys across the Pacific region.

Irma Makalinao has been a faculty of the University of the Philippines College of Medicine since 1994. She has been instrumental in institutionalizing the first and only Toxicology Fellowship Program in the Philippines in 1996 at the University of the Philippines in Manila from 1997 to 2005 she has served as the first Program Director of the Clinical Toxicology Fellowship based at the then National Poison Control and Information Service at the Philippine General Hospital. She was a former board member of APAMT and a founding secretary of the Philippine Society of Clinical and Occupational Toxicology in 1998. Multi-faceted, resourceful and reliable professional with more than fifteen years of experience in the field of Chemical, Biological, Radiological and Nuclear (CBRN) Risk Management supporting the government and other relevant agencies to raise awareness, influence policy development, prevent and prepare for emergencies. She has also been an international short-term expert of the EU CBRN COE SEA Project 46. At some point in her career. Dr. Makalinao has also be called to advise the OPCW on areas of engagement and the way forward. She is currently a member of the Philippine National CBRN Team and the Technical Advisory Group of the World Health Organization (WHO) Health and Security Interface, a member of the IHR Roster of Experts for the WHO WPRO, secretary of the Asia Pacific Biosafety Association and Board of Directors for the Pacific Basin Consortium for Environment and Health among others.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Duncan Selbie has been the president of IANPHI since December 2020. He was the founding chief executive of Public Health England (PHE) from 2013 to 2020 (now the UK Health Security Agency). He has been an Executive Board member of IANPHI since 2016 and has also served as IANPHI Foundation Board trustee and IANPHI treasurer. Prior to 2013, he was chief executive of Brighton and Sussex University Hospitals, the regional teaching hospital for the southeast of England. From 2003 to 2007, he was the director general of Programmes and Performance for the NHS, and subsequently its first director general of Commissioning. Prior to this, he was chief executive of South East London Strategic Health Authority, and before that, chief executive of the South West London and St George's Mental Health NHS Trust. Other appointments include honorary professor at the Robert Gordon University, Aberdeen; honorary professor at Chester University; companion of the Institute of Healthcare Management; honorary fellow of the UK Faculty of Public Health; and chief adviser to the public health authority of Saudi Arabia.

Jailson B. Correia is research director at the Instituto de Medicina Integral Professor Fernando Figueira (IMIP) and an associate professor of pediatric infectious diseases at the University of Pernambuco in Recife, Brazil. Dr Correia is also a researcher for the National Council for Scientific and Technological Development of Brazil (CNPq). He graduated in Medicine at the University of Pernambuco (1993) and completed his pediatrics training at IMIP (1996). He obtained a Master's degree in Tropical Pediatrics (1998) and a Ph.D. degree (2005) at the University of Liverpool (UK). Following his return to Brazil, he has been leading a range of national and international collaborative studies on child health. He has ever since been running the redevelopment of a fast-growing research center, with a strong emphasis on research capacity building as a driver for local development.

Wessam Mankoula is a healthcare professional with over eleven years' experience in public health emergency management, epidemiology, and practicing medicine. Dr. Mankoula has a Master's degree in Public Policy with focus on health policy, American University in Cairo, Egypt (2015), and the Egyptian Board of Epidemiology (2014). He has accomplished Africa CDC Fellowship (2018), Public health Emergency Management Fellowship, US CDC (2018), and the Field Epidemiology Training Program (2012). He has worked for governmental, non-governmental, and international organizations. In 2016, he was selected as one of ten African public health professionals to support establishment and operationalisation of Africa CDC under African Union Commission. He is currently serving as the lead of Africa CDC Emergency Operations Centre. He has established a coalition in collaboration with WHO and US CDC to push the agenda of PHEOCs in Africa and support member states. He has also led Africa CDC missions in response to various outbreaks in the African continent such as Ebola in DRC 2019, Rift Valley Fever in Kenya, and cholera in Zimbabwe 2018; and currently is the Africa CDC Incident Manager for COVID-19 in Africa. His mission is to improve the health of people through developing policies and programs targeting disease prevention and control, with a special focus on public health emergency management.

Discussants – May 18, 2023

SITUATIONAL AWARENESS IN THE CONTEXT OF HEALTH AND DISEASES

Mark Smolinski brings over 25 years of experience in applying innovative solutions to improve disease prevention and control across the globe. As president of Ending Pandemics, he leads a team of innovators working to improve early disease detection and rapid response in the planetary hotspots for emerging diseases. Since 2009, Mark served as the Chief Medical Officer and Director of Global Health at the Skoll Global Threats Fund (SGTF), where he developed the Ending Pandemics in Our Lifetime Initiative in 2012. His work at SGTF created a solid foundation for the work of Ending Pandemics, which branched out as an independent entity on January 1, 2018. Prior to SGTF, Mark was part of the starting team at Google.org, Google's philanthropic arm. Working with a team of engineers, Google Flu Trends (a project that had tremendous impact on the use of big data for disease surveillance) was created in partnership with the U.S. Centers for Disease Control. Mark has served as Vice President for Biological Programs at the Nuclear Threat Initiative, a public charity directed by CNN founder Ted Turner and former U.S. Senator Sam Nunn. Before NTI, he led an 18-member expert committee of the National Academy of Medicine on the 2003 landmark report "Microbial Threats to Health: Emergence, Detection, and Response." Mark served as the sixth Luther Terry Fellow in Washington, D.C., in the Office of the U.S. Surgeon General and as an Epidemic Intelligence Officer with the U.S. Centers for Disease Control and Prevention. During COVID, Mark was appointed to the National Academy of Medicine's Standing Committee on Emerging Threats in the 21st Century. Mark received his BS in Biology and MD from the University of Michigan in Ann Arbor. He is board-certified in preventive medicine and public health and holds an M.P.H. from the University of Arizona, where he was recognized as the 2016 Alumnus of the Year. Mark was on the investigation team that discovered hantavirus, a newly identified pathogen, in 1993. His passion for helping all peoples of the world save lives and improve livelihoods motivates partners on five continents.

Patipat Susumpao is a social entrepreneur, software developer, open data hacker, and public health practitioner. He earned Bachelor's in Computer Engineering in 2004 and is now persuades his Master of Public Health degree at Chiang Mai university class of 2024. He is a co-founder and product architect at Opendream, digital technology social enterprise based in Bangkok, Thailand. His main interests are in participatory digital disease detection and open-source software development. He pioneered the idea of participatory disease surveillance through SMS (Short Message Service) in north-eastern provinces of Thailand in 2009; development and implementation of mobile Development of DoctorMe: Thai's first personal health care application for iOS and Android; He is leading the development of Sicksense, an AI-based health threats detection platform, and working as technical team leader for Participatory Onehealth Disease Detection (PODD) in collaboration with Chiang Mai University and Skoll Global Threats Fund (now Ending Pandemics).

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Channé Suy Lan is an ICT for Development leader and expert, experienced at initiating, designing, managing and implementing technology-based solutions for development, in the areas of public health, education and social-economic development in developing countries. Kawsang was launched in 2022 as a social enterprise based in Cambodia. Kawsang was founded to continue the work of InSTEDD iLab Southeast Asia, an NGO that operated in Southeast Asia from 2009 to 2022. Kawsang works with local communities to co-create innovative solutions and drive the development of their communities, focusing on public health, social accountability and digital upskilling. At Kawsang, and previously as the Managing Director of InSTEDD iLab Southeast Asia, Channé has worked on digital disease detection in the Mekong Basin Region, in partnership with the Ministries of Health of the region's countries. Her work on Cambodia's National 115 Hotline with the Ministry of Health Cambodia was selected as a winner of WHO Western Pacific challenge 2022 and contributed to Cambodia CDC's response and management of the COVID-19 pandemic ([ref. paper in The Lancet](#)), which potentially saved numerous human lives in Cambodia. Channé is also serving as a board member of *The 2h Project*, an Australian NGO working with Cambodia's health service to improve maternal health outcomes. She was also an advisory council member for the *Principles for Digital Development* at Digital Impact Alliance, advisory board member for the mHealth research study of the University of Washington, an advisory board of Impact Hub Phnom Penh and an advisory board member for USAID project - Development Innovation. Channé graduated with a Master's Degree in Computer Application in 2006 from Bangalore University in India and she is a fellow at the Equity Initiative 2017.

BUILDING TRUST, TRANSPARENCY, AND RISK COMMUNICATION CAPABILITIES

Katelyn Jetelina, MPH PhD is an epidemiologist, data scientist, and internationally renowned scientific communicator. She is the Director of Population Health Analytics a nonprofit, non-partisan health policy think tank. She is also a Senior Scientific Advisor to a number of government and non-profit agencies, including the White House and Centers for Disease Control and Prevention. On the side, Dr. Jetelina is the publisher of *Your Local Epidemiologist*- a public health newsletter that "translates" ever-evolving science to the general public, which has reached over 300 million views. Dr. Jetelina has received numerous national awards for her work, including National Academies of Science and a medal of honor from the United States Department of Health and Human Services, Emergency Management and Medical Operations, Field Operations, and Response. Katelyn resides in San Diego, California with her husband and two toddlers.

Rania Elessawi is the Social and Behavior Change (SBC) Partnerships Manager & UNICEF SBC Think Tank Lead at UNICEF. She is a transformational leader with a 20-year strong multi-sectoral track record in the international development and humanitarian field. She has an unwavering commitment to driving social change, particularly intentional institutional change that drives and delivers community engagement work within public sector and non-governmental institutions. In her various capacities, she is a systems thinker, focused on practical ways for all actors – multilateral, government, bilateral, private sector to play a part in building communities and institutions that improve the lives of women, children, and communities. Rania is a seasoned global expert in social development that is equitable in water and sanitation, education, early childhood development, child protection, climate change and gender equality. Rania possesses strong interpersonal communication, negotiation and coordination skills with multi-sectoral partners and stakeholders to influence policy level and decision-making processes to translate to grassroots level actions.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Baruch Fischhoff is Howard Heinz University Professor, Department of Engineering and Public Policy and Institute for Politics and Strategy, Carnegie Mellon University. A graduate of the Detroit Public Schools, he holds a BS (mathematics, psychology) from Wayne State University and a PhD (psychology) from the Hebrew University of Jerusalem. He is a member of the US National Academy of Sciences and National Academy of Medicine, and past President of the Society for Judgment and Decision Making the Society for Risk Analysis. He received the American Psychological Association Award for Distinguished Contribution to Psychology, Carnegie Mellon Ryan Award for Meritorious Teaching and College of Engineering Outstanding Mentoring Award, Doctorate of Humanities *honoris causa* from Lund University, Andrew Carnegie Fellowship, and Sigma Xi William Procter Prize for Scientific Achievement. He has served on many advisory bodies, including recent ones on science communication, intelligence analysis, cybersecurity, global change, and pandemic disease.

<http://www.cmu.edu/epp/people/faculty/baruch-fischhoff.html>

STRENGTHENING GLOBAL HEALTH SECURITY THROUGH STRONG COUNTRY-LEVEL INFRASTRUCTURE FOR EFFECTIVE GOVERNANCE, FINANCING, AND ACCOUNTABILITY

Aminu Magashi Garba is the founder and coordinator of the Africa Health Budget Network, a regional group that uses budget advocacy to influence adequate health spending and improve transparency and accountability. He is the Global Co-convenor of the Community of Practitioners on Accountability and Social Action in Health. He is a member of the Global Action Plan for SDG 3 Civil Society Advocacy Group, the immediate past civil society representative to the Global Financing Facility (GFF) Investors Group (2017/18) and currently a member of the steering committee of the Global Civil Society Coordinating Group for the GFF. In 2018, he served on the World Health Organization Civil Society Advisory Group for its Health Financing Campaign. In Nigeria, he is a founding member of the National Advocates for Health, a policy and advocacy think-tank engaging in high-level advocacy on health-care financing reforms. In his voluntary capacity he has been a weekly health columnist with the Nigerian newspaper “Daily Trust” for over 17 years and the publisher of an online newspaper “Health Reporters”, which reports on Africa’s health. He holds an MBBS degree from University of Maiduguri, Nigeria and a Master of Science in Public Health and post-graduate diploma from the London School of Hygiene and Tropical Medicine, where he was a Chevening scholar (2006/07). During his undergraduate studies he was the Vice President of Nigerian Medical Students Association in 1997/98.

Immaculate Nabukenya is an Assistant Lecturer at Makerere University, Uganda. Immaculate is a highly motivated and ambitious epidemiologist with 14 years’ experience in animal and human health related work and research for development. Immaculate’s personal goal is to engage in health-related biosocial research using principles of Epidemiology, Biostatistics, Information Technology, and International Public Health with a bias to emerging, re-emerging and zoonotic disease control. As an epidemiologist and researcher, Immaculate has gained sufficient experience and skill mix to lead a team with minimal supervision and with excellent ability to mobilize and steer teamwork. Additionally, Immaculate has participated in several large and small outbreak investigations and response including Yellow Fever in 2016, Rift Valley Fever outbreak 2016; Crimean Congo Haemorrhagic Fever outbreak 2015; Ebola Viral Haemorrhagic Fever (VHF) in 2007, 2010, 2012; Marburg VHF in 2012, 2014; Yellow fever in 2011 & 2013; Meningococcal meningitis in 2010 & 2014; Crimean Congo Haemorrhagic Fever in 2013; Influenza A (H1N1) in 2010-2011, Cholera and other outbreaks in Uganda. As a solution to rampant infectious diseases in animals and humans, vaccine development is a high priority, in addition to developing stewardship programs for antimicrobial use.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Abrham Ejigu is a Senior Project Manager at Resolve to Save Lives, Ethiopia.

Ernesto Báscolo is the unit chief of the Primary Health Care and Integrated Health Services at the Panamerican Health Organization (PAHO) in Washington. He was also the Regional Advisor for Governance and Health Policies, Leadership and Planning at PAHO between 2015-2022. His educational background includes a bachelor's degree in economics and a master's degree in health economics at the University of Birmingham and a Master in public health at the National University of Rosario. PhD in Social Sciences at the University of Buenos Aires. Postdoc at the University of Montreal, and at École nationale d'administration publique. He worked academically as a Researcher at CONICET Argentina. He has served as a professor at the National University of Rosario, as Director of the Master program in Management of Health Policy and Health Systems and Services and Director of the Doctorate in Policies, Management and Economics of Health Systems and Services at the National University of Rosario. He also was a coordinator of the health economics department of the Ministry of Health of Argentina, and the director of Planning of the Province of Santa Fe State. He has also worked as a consultant for international organizations (World Bank, Inter-American Development Bank).

GLOBAL HEALTH SECURITY CAPACITY AND FUNCTIONALITY ASSESSMENT

Anne Liu is the Topic Lead for Epidemic Preparedness and Response at Exemplars in Global Health, an initiative housed at Gates Ventures. A public health practitioner by training, Anne has 13 years of experience in implementing and supporting public health programs in support of Ministries of Health in Africa, Asia, and Latin America. Prior to her time at Gates Ventures she was a Senior Technical Advisor at the Clinton Health Access Initiative, leading a products team to design and implement digital solutions for malaria surveillance. She has also previously overseen programs for community health worker management, digital health, and Ebola surveillance while at the Earth Institute at Columbia University. Anne currently retains an adjunct position teaching Global Health and Public Policy at the School of International Public Affairs at Columbia University.

Magda Robalo is the President and co-founder of The Institute for Global Health and Development (IGHD). She is a public health physician and infectious disease expert, whose career spans for over 30 years in the global health ecosystem, across geographies and cultures. She held senior leadership positions at the domestic and international level in various professional settings, working with Government, multilateral and civil society organizations. She has a track record in promoting equitable access to quality health care, social justice, ethics and accountability. She has solid knowledge and robust experience on a broad range of public health issues, gender equality and governance. She spearheaded various successful initiatives as former Minister of Health, High Commissioner for the COVID-19 response in Guinea-Bissau, WHO Representative, WHO Director of Communicable Diseases and Global Managing Director of Women in Global Health. She serves on several Boards and Councils. An accomplished global health leader and gender champion, she embodies a unique blend of diverse, transformative leadership experience, multi-cultural and people management skills, diplomacy, and political acumen.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Charles Bebay has worked with FAO since 2009, serving in several positions both at headquarters and in Africa. He was successively Response Veterinary Officer at the FAO's Crisis Emergency Centre – Animal Health (2009 to 2011) to provide assistance to countries dealing with Animal Health emergencies. He notably contributed to the preparation and roll-out of the FAO's preparation of the Good Emergency Management Practice GEMP) manual. He further served as HQ-Africa project liaison Officer on laboratory strengthening programme. In 2012, he joined the FAO Emergency Centre for Transboundary Animal Diseases (ECTAD) as Regional Manager for West and Central Africa. He further served as One Health Coordinator for the FAO Regional Office for sub-Sahara from Brazzaville to enhance partnership with WHO and WOAHA (founded as OIE) on One Health related issues between 2017 and 2018. Since November 2018, he is providing leadership for the planning, implementation, delivery, and reporting of FAO ECTAD programme in Eastern and Southern Africa. Charles is a veterinarian with postgraduate degrees on livestock development, tropical animal diseases, banking and finance.

COUNTRIES' AND ORGANIZATIONS' EXPERIENCES IN PREPAREDNESS AND RESPONSE PLANNING

Karim Pardo is the Viceminister of Public Health of Peru. She graduated from the National University of the Peruvian Amazon (Loreto-Peru, 1999) with a Master's in Public Health in both Health Services Management and Control of Infectious and Tropical diseases, from Universidad Peruana Cayetano Heredia (UPCH). She also has a Certification in Epidemiology for Health Managers from Johns Hopkins University – Bloomberg School of Public Health (BSPH / JHU) and is a Leader in International Public Health by certified by PAHO / WHO. Karim has more than 20 years' experience within the health sector in local, national and international levels as a specialist in Public Management, Epidemiology, Control of Infectious and Tropical Diseases and Health Services. Her first years of practice were based in the Amazonian region of Peru at Loreto Health Regional Directorate in charge of the city of Iquitos and Datem of Marañon town. At national level, she led teams designing important platforms aimed at gathering statistics, as essential evidence for public policies. The first one is the CNV, an online system that centralized the records of newborns in Peru, awarded with the Best Practices in Public Service in Perú. Another significant achievement is an online platform for the registration of deceases, SINADEF, nominated for the Business Creativity Award in Peru. Internationally, she was part of ORASCONHU-PAMAFRO Project achieving malaria control in four Latin American countries, as well as a Consultant with PAHO/WHO WDC covering twelve countries in the Americas. She has also experience as a Lecturer at the Peruvian University Cayetano Heredia, University of Applied Sciences.

Jeffery Cutter is Director of the National TB Programme and Public Health Advisor to the National Centre for Infectious Diseases, Singapore. He is also Senior Consultant in the Public Health Group at the Ministry of Health, Singapore. He is a Fellow of the Academy of Medicine, Singapore and Adjunct Associate Professor at the Saw Swee Hock School of Public Health, National University of Singapore. Dr. Cutter serves as a member of the Technical Advisory Group for the Asia-Pacific Strategy on Emerging Diseases (APSED), a bi-regional framework established by WHO's Western Pacific and Southeast Asia Regional Offices to strengthen country capacities to tackle public health emergencies. He is also the current Chair and Singapore Country Coordinator for ASEAN Health Cluster 2, which deals with public health threats in ASEAN.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Ali Ardalan, MD, PhD is a Regional Adviser and Head of Health Systems in Emergencies Unit at WHO Regional Office for the Eastern Mediterranean, where he oversees health systems resilience, recovery from emergencies, humanitarian-development-peace nexus, and refugee and migrant health programs. His area of work has a focus on supporting the most fragile and conflict affected settings in the Eastern Mediterranean region of WHO such as Libya, Afghanistan, Syria, Sudan, Somalia and Yemen. He is an epidemiologist and public health professional with 20 years of experience at various managerial, policy making, advisory and academic capacities. Dr Ardalan was the founding chair and Professor at the Department of Disaster Public Health at Tehran University of Medical Sciences, Senior Fellow at Harvard Humanitarian Initiative, and a Visiting Scientist at Harvard School of Public Health. During the response to COVID-19 pandemic, Dr Ardalan led the refugee and migrant health pillar at the WHO EMRO Incident Management Support Team and supported the essential health services pillar with development of a toolkit on health systems recovery from COVID-19 pandemic.

Julio Croda is President of the Brazilian Society of Tropical Medicine and former chief of the Department of Communicable Diseases at the Secretary of Health Surveillance in Brazil between 2019-2020. He is an infectious disease physician-scientist and has served as the Principal Investigator for a series of studies involving active surveillance, molecular epidemiology and prospective cohort investigations for TB. He is particularly interested in understanding how prison contribute globally to TB epidemics, with an ultimate goal of developing more effective interventions to control TB in the prison and community using translational research and implementation science. In addition, he is involved in COVID-19 and arboviruses vaccine clinical trials and effectiveness studies. Dr. Croda's training is in epidemiology and clinical medicine, and his work includes epidemiology, fieldwork, and analysis of programmatic data. His research program is currently funded by the NIH and by Brazilian research agencies such as CNPq and CAPES.

Planning Committee

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 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 Programme, 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 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.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Arminster 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 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 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 Nations) 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 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 Health, 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 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.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

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 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 Parliamentary 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 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.

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Q&A Participants

Muhammed Afolabi

Clinical Assistant Professor
London School of Hygiene &
Tropical Medicine

Qadeer Ahsan

Technical Director, Global
Health
DAI

Ravi Anupindi

Professor of Technology &
Operations
Faculty Director, Center for
Value Chain Innovation
Stephen M. Ross School of
Business, University of
Michigan

Lukoye Atwoli

Professor of Psychiatry and
Dean
Brain and Mind Institute,
Aga Khan University Medical
College

Sulzan Bali

Health Specialist
The World Bank

Kayed Bani Salameh

Head of the Plans and
Studies Department at the
Crisis Management
Directorate
Ministry of Health, Jordan

Girija Brilliant

Co-founder
Seva Foundation

Marty Cetron

Director
Division of Global Migration
and Quarantine Centers for
Disease Control and
Prevention

Mukesh Chawla

Chief Adviser, Health
Security
The World Bank

Levin Damisa

Nigeria National Security
Office

Lisa Danzig

Advisor
Pandefense Advisory

Malick Diara

Public Health Manager
ExxonMobil Cooperation

Nomita Divi

Executive Director
Ending Pandemics

Jose Fernandez

Acting Director
Office of Global Affairs, US
Department of Health and
Human Services

Summer Galloway

Director, Office of Pandemics
And Emerging Threats
Office Of Global Affairs,
Office of The Secretary
U.S. Department of Health
and Human Services

**Claudia Garcia Serpa
Osorio-de-Castro**

Professor
Sergio Arouca National
School of Public Health

David Hayman

Associate Professor
Massey University

Rebecca Katz

Associate Professor
Georgetown University

Outi Kuivasniemi

Deputy Director for
International Affairs
Ministry of Social Affairs and
Health, Finland

Jennifer Lasley

Senior Programme Manager
World Organisation for
Animal Health

John Leigh

Program Director
Australia Indonesia Health
Security Partnership

Ian Lipkin

Director, Center for Infection
and Immunity
Mailman School of Public
Health
Columbia University

Amy Lockwood

Senior Advisor, HIV Cure
Africa Acceleration
Partnership (HCAAP)
Pandefense Advisory

Kanya Long

Senior Program Manager
International AIDS Vaccine
Initiative

Abigail Lopez Rivera

Global Health Officer
Office of Global Affairs, US
Department of Health and
Human Services

David Lye

Director
National Centre for
Infectious Diseases

**Carlos Machado de
Freitas**

Sergio Arouca National
School of Public Health

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Davi Madureira Victral
Universidade Federal de
Minas Gerais

Lucy Maryago-Robinson
Association of Public Health
Laboratories

Jonna Mazet
Vice Provost, Grand
Challenges Chancellor's
leadership
Professor of Epidemiology &
Disease Ecology
University of California,
Davis One Health Institute

Amanda McClelland
Senior Vice President
Resolve to Save Lives

Zurina Moktar
Assistant Director/Head,
Science and Technology
Division
ASEAN Secretariat

Louis Muglia
President and CEO
Burroughs Wellcome Fund

Alhaji N'jai
Founder and Chief Strategist
Project 1808 Inc

Robert Newman
Director
AMP Health

Obinna Onwujekwe
Professor of Health
Economics and Policy and
Pharmacoeconomics
University of Nigeria, African
Journal of Health Economics

Karen Pak Oppenheimer
Strategy and Operation
Adviser
Pandefense Advisory

Saskia Popescu
Assistant Professor
George Mason University

Kumanan Rasanathan
Unite Head of Equity and
Health
World Health Organization

Emily Ricotta
Independent Research
Scholar
NIH

Annie Romain
Professor of Epidemiology
UCLA Schools of Public
Health and Medicine

Alex Rioplexus Ario
Director
Uganda National Institute of
Public Health, Ministry of
Health

Sam Scarpino
Director of AI and Life
Science
Professor of the Practice in
Health Sciences and
Computer Science
Northeastern University

Richard Seifman
United Nations Association

Wendy Shearn
The Permanente Medical
Group

Jintana Sriwongsa
Senior Officer
Association of Southeast
Asian Nations (ASEAN)
Secretariat

Hibret Tilahun
Chief of Party/ Global
Director
CGPP Project/World Vision

Marie-Claire Wangari
Independent Consultant

Suwit Wibulpolprasert
Advisor
Ministry of Public Health,
Thailand

Rachel Wilson
Chief Executive Officer
CIC Health

Mariana Zindel
Junior Professional Associate
The World Bank

Prioritizing Actions for Epidemic and Pandemic Preparedness

Speakers and Attendees

Meeting Staff

Kavita Berger

Board Director, Board on Life Sciences
(202) 334-3360
kberger@nas.edu

Julie Pavlin

Senior Board Director, Board on Global Health
(202) 334-2171
jpavlin@nas.edu

Paule Valery Joseph

National Academy of Medicine Fellow
paule.joseph@nih.gov

Nam Vu

Program Assistant, Board on Life Sciences
(202) 334-3405
hvu@nas.edu

Nicky Kuang

Senior Program Assistant, Forum on Microbial Threats
skuang@nas.edu

Sabina Vadnais

Research Associate, Board on Life Sciences
svadnais@nas.edu