

Achieving the Health Future We Need

The First Innovation Forum

in the Western Pacific Region



15 - 17 September 2020

Achieving the Health Future We Need: The First Innovation Forum in the Western Pacific Region

15–17 September 2020

The first innovation forum in the WHO Western Pacific Region aims to provide policy support to countries on innovation to identify, test and advance innovative approaches to pressing health problems including COVID-19.

During the 3-day virtual event, high-level policymakers and thought leaders will discuss how innovation can help countries to future-proof their health systems, and the role of WHO in supporting them. The interactive panel sessions will provide an opportunity to discuss the process, growth, and governance of digital and social innovations for different health topics.

Forum objectives:

1. To lay out a vision for innovation in health systems with societies adapting to the challenges of climate change, health security, ageing populations, chronic disease, and the aftermath of COVID-19; and
2. to explore ways in which WHO could set up a platform to assist Member States to conceptualize innovative solutions, put them into action, apply them at scale, and sustain them.

Participants:

1. Top-level policymakers who make decisions on research, development and innovation.
2. Senior managers and public health practitioners who generate and manage innovation projects.
3. Advisers, experts, and thought leaders in areas relating to innovation who can support WHO and Member States (non-health official participants).
4. Community leaders, representatives of civil society, academia, professional associations, media and private sector.
5. General public from the Western Pacific with interest in public health and innovation.

Innovation Forum

15 – 17 September 2020

DAY 1. TUESDAY, 15 September

Opening plenary: Innovation for the future

The opening plenary sets the scene for the whole conference. It introduces the operational shift on innovation within the For the Future vision. Innovation is a buzz word, yet it has never been more necessary than now, at the heart of the pandemic. This Forum is an effort to make the abstract idea more tangible, to give concrete examples, and to set off a process of continuous learning in the Western Pacific Region.

Opening remarks

Takeshi Kasai, Gundo Weiler, 9:30 – 9:40

Society 5.0

Sahara Yasuyuki, 9:40 – 9:55

The new urban health

Sandro Galea, 9:55 – 10:10

The Thought Collective

Shiao-yin Kuik, 10:10 – 10:25

Innovation practice sharing: Public and private sector

Health officials from Member States, Tiantian Li, Giulio Quaggiotto, Louise Agersnap, 10:25 - 11:20

Q&A

11:20 – 11:30

Adjournment

Digital and social innovation for healthy ageing

Countries and areas in the Western Pacific Region are experiencing unprecedented population ageing. To address the changing health needs, various digital and social innovations have been developed to alter biological and social determinants that influence health conditions of a person's life, throughout a people's life. Through knowledge sharing of emerging innovations, this session attempts to understand and promote adoption of innovations in Member States.

Moderator introduction

Hiromasa Okayasu, 13:30 – 13:40

Panel discussion

Masako Akiyama, Hyeyoon Ayleen Jung, Naoki Kondo, Stella Luk
13:40 - 14:40

Q&A

14:40-15:00

Adjournment

DAY 2. WEDNESDAY, 16 September

Innovation in design: better environment for health

Climate change, environment and health is at a critical juncture. Theory and practice of the discipline have much evolved lately, propelled by enormous advances in biology, climatology, information technology and other fields.

Such innovation now needs to take root in the quarters where action occurs, and stimulate more effective and equitable responses to the urgent needs of sustainability. This session will address issues ranging from individual to planetary health, from urban to social environments, from children's to ageing people's environment and health.

Moderator introduction

Marco Martuzzi, 10:00 – 10:10

Panel discussion

Sandro Galea, Eun-hee Ha, Kathy Jetñil-Kijiner, Katsunori Kondo, Paolo Vineis
10:10 – 11:10

Q&A

11:10 – 11:30

Adjournment

Can success be replicated? Institutionalizing impact-driven innovation

Grounds-up innovation will be discussed, with an emphasis on designing impact evaluation, and evidence-based scaling up. we further ask the question: how can policy makers incorporate thinking of evaluation methodologies (i.e. natural experiment) in the rollout of public health innovations to maximize the chance of success and minimize the risk of unintended adverse events?

Moderator introduction

Nima Asgari-Jirhandeh, 13:30 – 13:40

Panel discussion

Mai Lu, Sejal Mistry, David Stuckler, Mario Villaverde
13:40 – 14:40

Q&A

14:40 – 15:00

Adjournment

DAY 3. THURSDAY, 17 September

Implementing digital health innovation: technology, governance, and society

Digital technologies should be harnessed safely, responsibly, and sustainably for the public good. Technology, policies, and society interact in ways that limit or enhance the public benefits of an innovation. This session explores how good governance can mediate these interactions and unlock the potential of digital technologies to realise health and wider social objectives.

Moderator

Darryl Barrett

Panel discussion, Block 1

Baakai Kamoriki, Jonathan Liberman, Alvin Marcelo

10:00 – 10:33

Q&A

10:33 – 10:48

Panel discussion, Block 2

Michael Nunan, Aalisha Sahukhan, Shan Xu

10:50 – 11:25

Q&A

11:25 – 11:30

Adjournment

Closing plenary: Getting to the future we need

Throughout this conference, we have been talking about Rethinking, Redesigning, Researching, and Continuous Learning, as our signposts in the journey towards innovation in population health. In this closing session, we will be taking a less formal and more personal approach.

Moderator introduction

Gauden Galea, 13:00 – 13:05

Innovation in WHO

Samira Asma, 13:05 – 13:15

Innovation for the coronavirus generation

Richard Horton, 13:15 – 13:25

Vaccine for the world

Seth Berkley, 13:25 – 13:35

Cross-disciplinary innovation

Yinuo Li, 13:35 – 13:45

Innovation for a new generation of public health

Ilona Kickbusch, 13:45 – 13:55

Q&A

13:55 – 14:35

Closing remarks

14:35 – 14:40

Biographies

Opening plenary

Sahara Yasuyuki

Senior Assistant Minister for Health Security and Technology, Ministry of Health, Labour and Welfare Japan

Dr Yasuyuki serves as Senior Assistant Minister at the Minister's Secretariat. He began his career as a pediatrician at Kanagawa Children's Medical Center, subsequently joining the Ministry of Health, Labour and Welfare as a medical officer. He served in various positions, including Directors of the Research and Development Division, Health for Aging Division, and Health Science Division, as well as Councillor of the Ministry's Secretariat. He has also worked at WHO headquarters in Geneva as Senior Advisor on Non-Communicable Diseases. He graduated from the Kanazawa University School of Medicine and Harvard School of Public Health.



Sandro Galea

Dean and Robert A. Knox Professor

School of Public Health, Boston University

Sandro Galea, a physician, epidemiologist, and author, is dean and Robert A. Knox Professor at Boston University School of Public Health. He previously held academic and leadership positions at Columbia University, the University of Michigan, and the New York Academy of Medicine. He has published extensively in the peer-reviewed literature, and is a regular contributor to a range of public media, about the social causes of health, mental health, and the consequences of trauma. He has been listed as one of the most widely cited scholars in the social sciences. He is chair of the board of the Association of Schools and Programs of Public Health and past president of the Society for Epidemiological Research and of the Interdisciplinary Association for Population Health Science. He is an elected member of the National Academy of Medicine. Prof Galea has received several lifetime achievement awards. He holds a medical degree from the University of Toronto, graduate degrees from Harvard University and Columbia University, and an honorary doctorate from the University of Glasgow.



Shiao-yin Kuik

Director & Co-founder

The Thought Collective

Together with two founding partners, Shiao-yin directs the Thought Collective, a purpose-driven group whose mission is to help Singapore build up social and emotional capital. The Collective helps individuals and organizations develop the social and emotional competencies they need to support the cultural change they long to see in their systems. Shiao-yin supports this work as a cultural change strategist, systems thinker, graphically oriented process facilitator, executive coach and trainer. She loves helping large systems consider and prepare for a more collaborative and compassionate way of working together with diverse stakeholders through complex issues and volatile times. Outside the Collective, she served as a two-time Nominated Member of Parliament in Singapore. She also advises various committees and boards, shaping their approach towards rethinking social innovation, nurturing cultural values, developing human talent and strengthening national identity. She speaks regularly on public platforms, sharing her experiences and insights on cultural narratives, the power of individuals in systems and the need for bridge-building.



Tiantian Li

Founder and Chairman

DXY

Tiantian Li is the Founder and Chairman of DX Y, the largest online community providing academic exchange and continuing medical education to over two million doctors in China since its foundation in 2000. In 2014, DX Y launched DX Doctor, a healthcare communication platform that has become the leading source for credible and timely health information for 130 million Chinese users. Tiantian Li received his undergraduate and medical degrees in Clinical Medicine and Tumor Immunology. He is a visiting professor at the Navy Medical University and Harbin Medical University. He is the Vice President of Zhejiang Council for Health Services Promotion, and of Health Industry Association of Heilongjiang Province.



Panel 1. Digital and social innovation for healthy ageing

Masako Akiyama

Centre head & Co-founder

Certified NPO Maggie's Tokyo; Cares Co.,Ltd.; and Hakujuji Visiting nursing station

Ms Akiyama graduated from St. Luke's College of Nursing and initially engaged in clinical and nursing education in the Kansai region of Japan. When her sister was suffering from terminal cancer, she realized the importance of hospice care at home and started working for a visiting nursing service in Shinjuku, Tokyo, in 1992. She established her own company in 2001, and currently serves as President of Cares Co., Ltd. and general manager of Hakujuji Visiting Nursing Station in Shinjuku and Higashi-Kurume with three business operations: home nursing, home care support and visiting care. In 2011, she established "Health Room for Living (Kurashino-Hokenshitsu)" for elderly people in public housing complexes. In 2015, the company opened the small, multifunctional (composite type) nursing home called "Sakamachi Mimosa no Ie" at Yotsuyasakamachi, Tokyo. She is now the centre head of Maggie's Tokyo at Toyosu. It is a member of Maggie's, the international network of centres supporting people with cancer. Maggie's Tokyo is accredited as a nonprofit organization and has been active in Tokyo since October 2016.



Hyeyoon Ayleen Jung

Project manager

Seoul 50Plus Foundation

Hyeyoon Ayleen Jung is Project Manager of Encore Career Services Division at the Seoul 50 Plus Foundation of Seoul Metropolitan Government based in the Republic of Korea. Her work sheds light on healthy aging for the growing 50+ population in Seoul through their economic and social contributions. She currently leads the <Seoul 50+ Internship> program, which matches skills of 50+ with companies in need of expertise and experiences of older adults and develops 50+ job models. She has more than 10 years of cross-cutting experiences in sustainable development - ranging from climate change, water to aging issues - on policy development, strategy planning, business development and resource mobilization at international organization, government agencies and NGOs. She has MA in International Relations, and BA in English Interpretation and Business Administration.

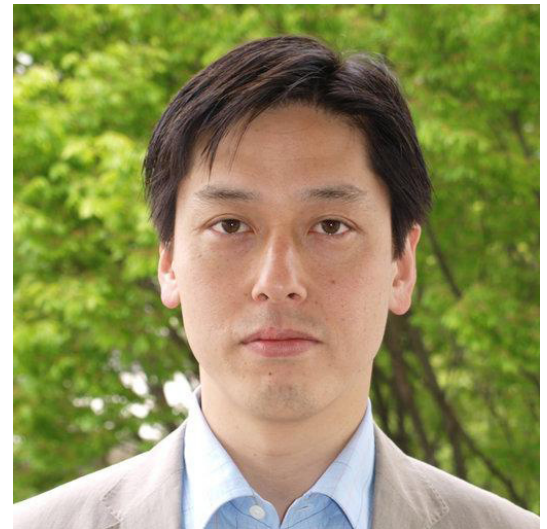


Naoki Kondo

Professor of Social Epidemiology, Department of Social Epidemiology and Global Health, School of Public Health

Kyoto University

Naoki Kondo was recently appointed Professor of Social Epidemiology at Kyoto University after having served as Associate Professor and Chair of the Department of Health Education and Health Sociology at the University of Tokyo. His primary research is on the social determinants of health. He is the vice chief investigator of the Japan Gerontological Evaluation Study, a cohort study following up more than 200,000 older adults nationwide. His recent studies focus on addressing health inequalities in community settings and conducting intervention studies with local and central governments. Prof Kondo is a member of the Clinical Consortium on Health Ageing and a core member of the WHO Global Network on Long-term Care. He holds multiple roles as committee members and advisors for Parliamentary Groups and the Ministry of Health, Labour and Welfare in Japan. He has published nearly 200 peer reviewed papers in journals, including The Lancet, BMJ, and International Journal of Epidemiology.



Stella Luk

VP for Global Services

Dimagi Inc.

Stella Luk is the Vice President of Global Services for Dimagi, a social enterprise that builds mobile technologies for health in under-served contexts. Dimagi's flagship platform CommCare is in use in over 60 countries and strengthens service delivery of over 650,000 health workers. Stella collaborates with health and development organizations across south and central Asia and sub-Saharan Africa to develop mobile job aids for facility- and community-based health workers to provide personalized care throughout the life course, ranging from maternal and child health, nutrition, adolescent health, family planning, TB and HIV/AIDS, immunization campaigns, non-communicable diseases, and gender-based violence. Stella has also worked as a software developer, human rights lawyer, and good governance program officer. Stella holds a BSc in Computing Science from the University of Alberta and an MA in International Relations and JD from the University of Toronto.



Panel 2. Innovation in design: better environment for health

Eunhee Ha

Director & Professor

Department of Occupational and Environmental Medicine, School of Medicine, Ewha Womans University

Dr Ha is Director of Department of Occupational and Environmental Medicine at the Ewha Womans University College of Medicine and Deputy Director of Ewha Womans University Medical Center, Korea. In 2009, she served as a member of the WHO Organizing Committee for the Third International Conference on Children's Health and Environment, and in 2017, participated in the preparation of guidelines on air pollution and its effects on children at WHO headquarters in Geneva. Since 2006, she has led a cohort study in Korea on the impact of the environment on children from birth. She also established an environmental health research network focusing on both policy interventions and basic research, as well as the Birth Cohort Consortium of Asia (BICCA). Her life mission is to protect susceptible populations such as pregnant women and children in Asia from harmful effects of the environment through research.



Panel 2. Innovation in design: better environment for health

Kathy Jetñil-Kijiner

Co-founder and Director

Jo-Jikum

Kathy Jetñil-Kijiner is a poet and performance artist of Marshall Islander ancestry, born in the Marshall Islands and raised in Hawai'i. She received international acclaim through her poetry performance at the opening of the United Nations Climate Summit in New York in 2014. The University of Arizona Press published her collection of poetry, *Iep Jāltok: Poems from a Marshallese Daughter* in 2017. She has created art installations and performances with the Smithsonian and the Queensland Art Gallery, amongst others. She also co-founded the youth environmentalist non-profit Jo-Jikum, dedicated to empowering Marshallese youth to seek solutions to climate change and other environmental impacts threatening their home island. She received her Master's in Pacific Island Studies from the University of Hawai'i, and is currently a PhD Candidate at Australia National University. Kathy currently serves as Climate Envoy for the Marshall Islands and as Director for Jo-Jikum.



Katsunori Kondo

**Professor of Social Epidemiology and Health Policy,
Department of Social Preventive Medical Sciences,
Center for Preventive Medical Sciences and the
Graduate School of Medicine, Chiba University**

**Head of Department of Gerontological Evaluation,
Center for Gerontology and Social Science, National
Center for Geriatrics and Gerontology, Obu City,
Aichi, Japan**

Prof Kondo is the Principal Investigator of the Japan Gerontological Evaluation Study (JAGES) Project, one of the first prospective cohort studies to investigate the influence of social determinants of health and community social capital on health outcomes among older people. He is the author of bestselling books, including "Health Gap Society - what undermines mental health and society?" (Igaku-Shoin, 2005), which won an award from the Society for the Study of Social Policy. He also edited and wrote "Health Inequalities in Japan: An Empirical Study of the Older People" (Trans Pacific Press, Melbourne, 2010), "Beyond 'healthcare crisis' - future of health and long term care in the UK and Japan" (Igaku-Shoin, 2012), "Prescriptions for Health Gap Society" (Igaku-Shoin, 2017), and "Social Determinants of Health in Non-communicable Diseases – Case Studies from Japan" (Springer Singapore, in press).



Paolo Vineis

Chair of Environmental Epidemiology, Faculty of Medicine

School of Public Health, Imperial College London

Prof Vineis is Chair of Environmental Epidemiology at Imperial College London and leads the Exposome and Health theme of the MRC-PHE Centre for Environment and Health. He is also Head of the Unit of Genetic and Molecular Epidemiology at the Italian Institute for Genomic Medicine (IIGM) in Torino, Italy. Prof Vineis is a leading researcher in the fields of molecular epidemiology and exposomics with extensive experience in leading International projects. His latest research activities mainly focus on biomarkers of disease risk, complex exposures and intermediate biomarkers from omic platforms in large epidemiological studies as well as studying the effects of climate change on non-communicable diseases. He is a member of various international scientific and ethics committees, and vice-chair of the Ethics Committee at the International Agency for Research on Cancer. Prof Vineis has written several books, including philosophical books such as “Nel crepuscolo della probabilit ” (Einaudi, 1999), “Modelli di rischio” (Einaudi, 1990) and “Health without Borders. Epidemics in the Era of Globalization” (Springer, 2017). He has over 930 publications in journals such as Nature, Nature Genetics, The Lancet, and The Lancet Oncology.



Panel 3. Can success be replicated?

Institutionalizing impact-driven innovation

Mai Lu

Vice Chairman

China Development Research Foundation (CDRF)

Mr Lu has been Vice Chairman of CDRF since 2017. Since 2019, he has served as Secretary General of China Development Forum. He joined CDRF in 1998 and has since made significant contributions to the organization's social development initiatives, development policy research, and international dialogues. He coordinated the China Human Development Report in 2005, which received UNDP's 2007 Human Development Award for Excellence in Policy Analysis and Influence. The One Village One Preschool (OVOP) program Mr Lu launched in 2009 received the 2018 WISE Award. In 2011, Mr Lu was named one of the "National Pioneers in Poverty Alleviation and Development" by Leading Group Office of Poverty Alleviation and Development. Before joining CDRF, he worked for a number of research institutions such as the Development Research Center and Research Center for Rural Development of the State Council of China, Hong Kong Polytechnic University, Harvard University, and the Research Center for Rural Development of the State Council of China. Mr Lu earned his MPA from Harvard Kennedy School and BA in economics from Beijing College of Economics. He was a distinguished visiting scholar at MIT in 1999 and a Lulu Chow Wang Senior Visiting Scholar at Columbia Business School in 2010.



Sejal Mistry

Country Director, Singapore

ACCESS Health International

Sejal Mistry is Country Director of ACCESS Health Southeast Asia, leading the Health Futures program at the intersection of innovative health financing, digital technology, and service innovation in Singapore and the broader Southeast Asia region. Sejal has over ten years' experience in international health policy, health financing, and HIV/AIDS. Previously, Sejal has worked with the South Korean Health Insurance Review and Assessment Service, the main national agency responsible for health purchasing, where she advised on its international efforts to share the Korean approaches to sustainable healthcare financing. Sejal has also served as senior health policy and multilateral affairs advisor for the US Government with several agencies: State Department, Department of Health and Human Services, and National Institutes of Health. She holds a master's degree in international affairs and a master's degree in international health from Johns Hopkins University.



David Stuckler

Full Professor, Department of Social and Political Sciences

Bocconi University

Prof Stuckler is a Full Professor of Policy Analysis and Public Management at Bocconi University in Milan and before, he has been a Professor of Political Economy and Sociology and a Senior Research Leader at Oxford University. He has published over one hundred peer-reviewed scientific articles in major journals on the subjects of economics and global health, and his work has been featured on the cover of The New York Times and The Economist, as well as on BBC, NPR, and CNN, among others. He has written the books "The Body Economic" and "Sick Societies".



Mario Villaverde

Undersecretary of Health

Department of Health, Philippines

Dr Mario Villaverde currently serves as Undersecretary of Health in the Philippines. He supervises health policy development and strategic planning, health human resource development, local health systems development, and international health cooperation. He oversees the institutionalization of policies on universal health care and health sector reforms, including initiatives on health sector performance monitoring and accountability. Dr Villaverde also teaches public policy and health governance at the Ateneo de Manila University - School of Government, where he served as its Associate Dean for Academic Affairs from 2011-2016. He was instrumental in the development of the School's curriculum on health governance under its Master in Public Management program. Dr Villaverde received his medical degree from the University of Santo Tomas in Manila. He completed his Master of Public Health at the University of the Philippines and his Master in Public Management under the joint program of the National University of Singapore and the Kennedy School of Government - Harvard University.



Nima Asgari-Jirhandeh

Director

Asia Pacific Observatory on Health Systems and Policies

Dr Nima Asgari has been working in the field in low, middle, and high income countries since 1996. He has been with the WHO from 2006, at its headquarters in Geneva as well as Country Offices in China, Cambodia, and Thailand. He became director of the APO in October 2016, focusing on expanding its membership, increasing the range of publications, and increasing capacity for health system research and shifting the evidence to policy. Previously, Dr Asgari coordinated WHO activities across Thai public health agencies and international partners on non-communicable diseases, health related consequences of trade, health in all policies, and health education. In Cambodia, he focused on strengthening critical gaps of the health system to respond to emerging diseases and comply with the International Health Regulations. Before joining WHO, Dr Asgari worked in the United Kingdom for the Health Protection Agency and National Institute for Health and Care Excellence. He received his medical degree and bachelor's degree in parasitology from the University of Edinburgh and master's degree in public health from the London School of Hygiene and Tropical Medicine. He is also a fellow of the Faculty of Public Health in England.



Panel 4. Implementing digital health innovation: technology, governance, and society

Baakai Kamoriki

Chief Medical Statistician

Ministry of Health & Medical Services, Solomon Islands

Mrs Baakai Kamoriki has been Chief Medical Statistician of the Ministry of Health & Medical Services, Solomon Islands, since 2007 after being appointed Principal Medical Statistician in 2002. She was involved in the analysis of the 1999 and 2009 census, as well as the Household Income and Expenditure Survey 2006 and Demographic and Health Survey 2007 and 2015. Furthermore, Mrs Kamoriki has played a prominent role in the adoption and implementation of DHIS2, a web-based application for capture, processing, and reporting of key indicators from health facilities across the Solomon Islands. She is currently working on the expansion of DHIS2 to ensure harmonized data collection on a single platform, having successfully integrated with the malaria and TB information systems. Previously, Mrs Kamoriki served as Senior Assistant Statistician of the National Statistics Office, Kiribati, overseeing the Economic Statistics Department, and Principal Social Statistician for the UNDP Project at the Ministry of Development Planning and Aid Coordination, Solomon Islands. She studied Mathematics and Economics at the University of South Pacific in Suva, Fiji, and obtained her Postgraduate Certificate in Field Epidemiology from Fiji National University in 2010.



Jonathan Liberman

Associate Professor in Law and Global Health

University of Melbourne

Prof Liberman is an Associate Professor in Law and Global Health with a joint appointment in Melbourne Law School and Melbourne School of Population and Global Health. He was the Founding Director of the McCabe Centre for Law and Cancer, serving as Director from February 2012 to March 2020. Under Prof Liberman's leadership, the McCabe Centre became a WHO Collaborating Centre for Law and Non-Communicable Diseases (NCDs) and WHO Framework Convention on Tobacco Control Knowledge Hub. He established an international legal training program that builds capacity and expertise in the use of law for the prevention and control of cancer and other NCDs, particularly in the context of developing policy coherence between health, trade, investment, human rights and sustainable development. Prof Liberman is currently collaborating with WHO on a project to support Member States in the legal aspects of their COVID-19 responses. Prof Liberman holds degrees in arts and law (first class honours) and a Master of Public and International Law.



Alvin Marcelo

Executive Director, Chief Information Officer Asia eHealth Information Network, St Luke's Medical Center

Dr Marcelo is a general and trauma surgeon by training and currently Executive Director of AeHIN and Chief Information Officer (CIO) of St Luke's Medical Center. He is professor of surgery and health informatics at the University of the Philippines Manila College of Medicine, and a founding member of the Philippine eHealth National Technical Working Group. He previously served as CIO of the Philippine Health Insurance Corporation (2010-2012) and Director of the National Telehealth Center (2006-2010). Dr Marcelo is certified in the governance of enterprise IT (CGEIT), The Open Group Architecture Framework (TOGAF), Archimate, and COBIT5 Implementation. He completed his medical informatics fellowship (1999-2001) at the Lister Hill National Center for Biomedical Communications, part of the National Library of Medicine at the National Institutes of Health in Bethesda, Maryland, USA.



Michael Nunan

Project Director for Tupaia

Dr Michael Nunan is a health systems and supply chain specialist who has worked in development for 12 years, across the Pacific, Asia and Africa. Michael spent over five years living and working in Solomon Islands and has since worked extensively across the Pacific, Asia and Africa. Originally a pharmacist, Michael has an MPH from University of Sydney and a PhD from University of Melbourne, where he had previously worked as a research fellow at the Centre for International Child Health. He is a Director of Beyond Essential Systems and leads the Tupaia project, a health data platform used across eight Pacific Island Countries for strengthening health supply chains, disaster response, disease surveillance and improving health systems. Michael has also led the development of Tamanu, a free and open-source patient-level electronic medical records system for desktop and mobile. With extensive experience in health systems, supply chain, procurement and eHealth, he has also consulted for the World Food Program, UNICEF, UNFPA, WHO and DFAT.



Shan Xu

Director of International Collaboration China Academy of Information and Communications Technology

Ms Xu is the Vice-Chair of ITU-WHO Artificial Intelligence for Health focus group and a member of the WHO digital health expert roster. At the China Academy of Information and Communications Technology, she is a senior standards and strategic expert in the E-Health Department of Cloud Computing & Big Data Research Institute and head of the International Collaboration Group of the Health & Medical Big Data and Network Research Center. She has participated in numerous national science and technology projects, and contributed to MIT Technology Review's "AI in health care: Capacity, capability, and a future of active health in Asia".



Closing plenary. Getting to the future we need

Samira Asma

Assistant Director-General

WHO

Dr Samira Asma is the Assistant Director-General for the Data, Analytics and Delivery for Impact Division in WHO. In this role, she leads organization-wide efforts to establish an impact framework of accountability to deliver the “triple billion” targets, track health-related Sustainable Development Goals (SDGs), and generate reliable data to forecast and inform public health policy. Prior to rejoining WHO, Dr Asma worked for over two decades at the US Centers for Disease Control and Prevention, where she developed global programmes on tobacco control and noncommunicable diseases, environmental health, and injuries. She is recognized for leading the establishment of a reliable, sustained surveillance system for tobacco control in 180 countries using innovative technologies to monitor health, generating epidemiologic and economic evidence for policy interventions, and for launching a global initiative to reduce heart attacks and strokes – all through global networks and partnerships. Dr Asma has contributed to more than 100 publications, book chapters, and policy papers on epidemiology, surveillance, and data-driven public health policy. She earned a degree in dentistry from Bangalore University and master’s degree in public health from University College London.



Seth Berkley

CEO

Gavi, the Vaccine Alliance

Dr Seth Berkley is a medical doctor, epidemiologist, and CEO of Gavi, the Vaccine Alliance since August 2011. In this role, he leads Gavi to fundraise and support the equitable immunisation of children in the world's poorest countries. Prior to Gavi, Dr Berkley founded the International AIDS Vaccine Initiative, the first vaccine development public-private sector partnership, where he served as President and CEO for 15 years. He also oversaw a global advocacy programme that ensured the issue of HIV vaccine development received prominent attention in the media and in forums such as the G8, European Union, and United Nations. Previously, Dr Berkley had served at The Rockefeller Foundation, Center for Infectious Diseases of the US Centers for Disease Control and Prevention, Massachusetts Department of Public Health, and Carter Center. He has been featured on the cover of Newsweek magazine, recognised by TIME magazine as one of "The TIME 100 – The World's Most Influential People"; and named by WIRED magazine as among "The WIRED 25 – a salute to dreamers, inventors, mavericks, leaders." His TED talks have been viewed by more than 1.5 million people. Dr Berkley received his undergraduate and medical degrees from Brown University and trained in internal medicine at Harvard University. In 2013, he was awarded an honorary doctorate from Nelson Mandela University for services to global public health and advancing the right to health care for all.



Richard Horton

Editor-in-Chief

The Lancet

Richard Horton is Editor-in-Chief of The Lancet. He qualified in physiology and medicine with honours from the University of Birmingham in 1986. He joined The Lancet in 1990, moving to New York as North American Editor in 1993. In 2016, he chaired the Expert Group for the High Level Commission on Health Employment and Economic Growth, convened by Presidents Hollande of France and Zuma of South Africa. In 2011, he was elected a Foreign Associate of the US Institute of Medicine and, in 2015, he received the Friendship Award from the Government of China. In 2019 he was awarded the WHO Director-General's Health Leaders Award for outstanding leadership in global health and the Roux Prize in recognition of innovation in the application of global health evidence. He works to develop the idea of planetary health – the health of human civilizations and the ecosystems on which they depend.



Photo credit: Douglas Fry (Piranah Photography)

Ilona Kickbusch

Founder and Chair of the Global Health Centre

The Graduate Institute of International and Development Studies in Geneva

Prof Kickbusch is the Founder and Chair of the Global Health Centre at the Graduate Institute of International and Development Studies in Geneva. She has advised countries on their global health strategies and trains health specialists and diplomats in global health diplomacy. She is a member of the Global Preparedness Monitoring Board and the WHO High-Level Independent Commission on NCDs. She is Council Chair at the World Health Summit and co-chair of UHC 2030 and the Lancet FT Commission on “Governing health futures 2030: growing up in a digital world.” She has been involved with the G7 and G20, and initiated the @wgh300 list of women leaders in global health. Prof Kickbusch has had a distinguished career with the WHO. She was a key instigator of the Ottawa Charter for Health Promotion and the WHO Healthy Cities Network. She was director of the Global Health Division at Yale School of Public Health and developed the first Fulbright Programme on global health. She has published widely and received many prizes and recognitions, including the Cross of the Order of Merit of the Federal Republic of Germany in recognition of her “invaluable contributions to innovation in governance for global health and global health diplomacy”.



Yinuo Li

Senior Advisor

Bill & Melinda Gates Foundation

Dr Yinuo Li is a Senior Advisor at the Bill & Melinda Gates Foundation, providing strategic advices to the foundation leadership on key priorities and initiatives. Prior to this role, Yinuo served as the China Country Office Director at the foundation, overseeing a team that works with China's public, private, and nonprofit sectors to address key domestic and global health, development, and policy issues. Yinuo joined the foundation in 2015 after a career at McKinsey & Co., where she was most recently a partner at the firm's office in Palo Alto, California. Her areas of expertise included health systems and health reform, global health, pharmaceutical and diagnostic products, digital healthcare, and health financing. She is also a sought-after speaker on topics ranging from industry perspectives to strategy, organization, talent recruitment and development, and women's leadership. Yinuo has a B.S. in biology from Tsinghua University in Beijing and a Ph.D. in molecular biology from UCLA.



Takeshi Kasai

Regional Director

WHO Regional Office for the Western Pacific

Dr Takeshi Kasai began his term as WHO Regional Director for the Western Pacific on 1 February 2019. His public health career began nearly 30 years ago when he was assigned to a remote post on the northeast coast of Japan, providing health-care services for the elderly, impressing upon him the value of building strong health systems from the ground up. In the mid-1990s, Dr Kasai received a master's degree in public health from the London School of Hygiene & Tropical Medicine. Dr Kasai has worked for the WHO for more than 15 years, and prior to his current appointment was Director of Programme Management. As Technical Officer and later the Director of the Division of Health Security, he was instrumental in developing and implementing the Asia Pacific Strategy for Emerging Diseases and Public Health Emergencies, which guides Member States in preparing for and responding to public health emergencies. Dr Kasai also served as the WHO Representative in Viet Nam from 2012 to 2014, and in 2014 received the For the People's Health Medal from the Government, the top honour bestowed upon those who have made significant contributions to public health.



Gundo Weiler

Director, Data, Strategy and Innovation

WHO Regional Office for the Western Pacific

Dr Gundo Weiler is Director of the Data, Strategy and Innovation group at WPRO, after 3 years as WHO Representative in the Philippines, having been appointed after more than 15 years of service with WHO at country, regional and global levels. Prior to this, he served as Programme Coordinator of the Global HIV and Hepatitis Programmes at WHO headquarters, Strategic Information Coordinator for HIV and Hepatitis, Coordinator for Communicable Disease in the WHO Office in Ukraine, and Health Systems lead for the WHO Global “3 by 5” Initiative. Throughout his assignments, Dr Weiler has worked extensively with governments, service providers, and civil society on all continents in designing and implementing evidence-based policies and health system approaches to ensure people’s full access to critical health services, with a particular focus on the most disadvantaged. Before joining WHO, Dr Weiler engaged in clinical work, research and non-government organizations in Germany, France, Australia, and the Philippines. Dr Weiler trained as a physician at the Humboldt University at Berlin, was awarded a doctorate in medical sociology by the Free University Berlin, and holds a Diploma in Health Systems Management from the London School of Hygiene and Tropical Medicine.

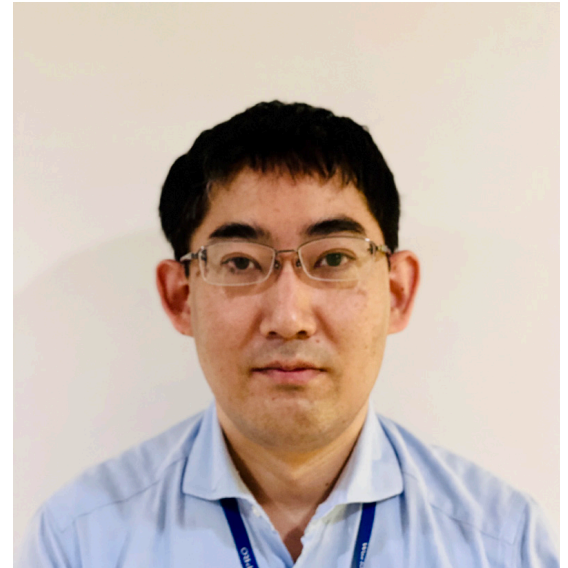


Hiromasa Okayasu

Coordinator, Healthy Ageing

WHO Regional Office for the Western Pacific

Dr Hiromasa Okayasu is the Coordinator for Healthy Ageing at the WHO Regional Office for the Western Pacific based in Manila. He joined the WHO in 2009, first as Team Leader of Product Development and Innovation, Polio Eradication Department, at WHO headquarters in Geneva. He later worked as Coordinator of the Mekong Malaria Elimination programme situated at the WHO Country Office in Cambodia. Prior to WHO, he worked as a management consultant at McKinsey & Company in Tokyo, Japan, and New Jersey, USA. He earned his MD from Keio University and MBA from Stanford University.



Marco Martuzzi

Head, Asia-Pacific Centre for Environment and Health

WHO Regional Office for the Western Pacific

Marco Martuzzi is the Head of the Asia-Pacific Centre for Environment and Health of the World Health Organization Regional Office for the Western Pacific. He is an epidemiologist with experience in environmental and occupational studies. He previously worked at the Italian Institute of Health, the London School of Hygiene and Tropical Medicine, the Imperial College School of Medicine (UK), the WHO International Agency for Research on Cancer (France), and at the WHO European Centre for Environment and Health, in Bonn, Germany. He obtained a PhD in community medicine from the University of London, in 1996. His current work is concerned with the impacts of environmental risk factors and determinants on health and health equity, with a view to addressing the pressing challenges of the Anthropocene, such as climate and ecosystems breakdown.



Darryl Barrett

Coordinator, Health Law and Ethics

WHO Regional Office for the Western Pacific

Darryl Barrett is the Coordinator of the Health Law and Ethics team, at the Regional Office of the World Health Organization for the Western Pacific. He manages a team that supports governments in the Western Pacific Region to strengthen their legal frameworks for health. As a lawyer, and an occupational therapist with over 20 years' experience in the public and private sectors, he draws on legal and health experience to address barriers that prevent people accessing the health care they need.

Darryl has a wide range of experience in conflict, post conflict, low and high-resourced country contexts in Australia, Europe, the Middle East, Asia and the Pacific.



Gauden Galea

WHO Representative in the People's Republic of China

Dr Gauden Galea is a public health physician, currently serving as the WHO Representative in China, based in Beijing since April 2018. He has been coordinating the collaboration between WHO and China across all health concerns, with a primary focus on the COVID-19 response, review of a decade of health sector reform, advocacy for tobacco and alcohol control, and charting the digital health landscape of China. On behalf of the WHO Regional Office for the Western Pacific, he has been coordinating an effort to promote innovation in public health aligned with the “For the Future” vision. Dr Galea has worked for WHO since 1998. Before assuming his current post, he was Director of the Division of Noncommunicable Diseases (NCDs) and Promoting Health through the Life-course in the WHO Regional Office for Europe. He previously held posts in Suva, Manila, and Geneva as technical officer, regional adviser, and coordinator in areas related to NCDs and health promotion. Over the past two decades, he has contributed to developing a national stepwise approach to NCDs, establishing a process to embed prevention and control of NCDs into health systems, compiling evidence linking NCDs to the global development agenda, renewing life-course approaches to public health in Europe, and developing action plans on women’s health and men’s health in Europe. He has a deep interest in computer programming and the applications of data science to public health.

