APRU Global Health Conference 2021

GLOBAL URBAN HEALTH

16-18 November
The University of Hong Kong

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On behalf of APRU, I welcome you to the 15th Annual APRU Global Health Conference.

We are a network of 60 leading research universities around the Pacific Ocean, linking Asia, North & South Americas and Australasia, working together on the challenges facing our region.

The APRU Global Health Programme is one of our most successful and long-standing programmes that addresses challenges ranging from bioethics and infectious diseases to mental health and environmental effects.

This year’s conference theme “Global Urban Health” highlights the important relationship between health and growing urbanisation. Environmental pollution and related risks cause almost a quarter of the worldwide disease burden (World Health Organization, 2020). Preventive actions at all levels are urgently needed to address this challenge in the complex context of demographic shifts and climate change.

The multidisciplinary nature of the theme is attested to by the subsidiary themes of diversity, well-being and sustainable development. As a higher education network with research expertise across a very diverse region, we tackle such global challenges by partnering with other international organisations, the public and private sectors, and NGOs in policy development and raising public awareness.

The COVID-19 pandemic has presented our societies with cross-border crises which demand that we shape the new normal together. An international network is well-positioned to be highly effective in doing this.

We are very grateful to The University of Hong Kong for their commitment and hard work in hosting this annual conference, especially to the organising team at the School of Public Health. We also thank the Global Health Programme Director, Professor Mellissa Withers, for her leadership, and the Advisory Board for their consultation and support over the past year.

I wish you a productive and successful conference.

Dr Christopher Tremewan
Secretary General, APRU
I am very pleased to at last welcome you to The University of Hong Kong and the 15th Annual APRU Global Health Conference on the theme of Global Urban Health. The pandemic that has arisen since 2019, when this conference was first scheduled, has only underscored the importance of our theme and our work ahead.

The concentration of populations in cities makes it easier for viruses to spread and for pollution and other human-created effects to loop back and impact human health. Yet that concentration can also make it more efficient to roll out solutions such as vaccinations and address the One Health circle. In these crises, there are opportunities.

This conference is an important avenue for exploring the ramifications and opportunities from multidisciplinary perspectives. I hope you will find it rich with new directions and collaborations to pursue. There will also be a strong focus on nurturing students and young scholars, through mentoring, professional advising and showcasing of their research. New talent and fresh ideas will be critical in ploughing the road ahead.

COVID-19 has made it abundantly clear that public health is a global issue of the highest significance to almost every aspect of modern life. But it is not the only serious health threat we face, as indicated by the programme of this conference. I wish you stimulating and fruitful discussions in addressing some of these other challenging issues and carrying out the hard work of identifying solutions.

**Professor Gabriel Leung**
Dean of Medicine
The University of Hong Kong
As the Director of the APRU Global Health Programme, it is my pleasure to welcome you to the 15th annual conference. We are glad you are with us this week!

Over the past 22 months, we have individually and collectively endured many hardships. But the pandemic has also reminded us that we are all part of one global community. I hope that this conference inspires us and strengthens our resolve to solve our present and future global health challenges. Our work in global health is more relevant and essential than ever.

Today more than half of the world’s population lives in urban areas. By 2050, we expect that about 70% of the global population will be urbanised. To protect and promote health in physical and social environments, we must carefully consider how these environments influence health. Over the next few days, we will hear from experts on a range of topics - mental health, COVID-19 and other infectious diseases, chronic diseases, ageing and health systems.

I would like to express my appreciation to The University of Hong Kong and the organising committee for their tremendous efforts in putting together this conference. I would also like to express my gratitude to our Advisory Board members for their service.

I invite you to get more involved in the APRU Global Health Programme and to join our efforts to collaborate across countries and disciplines. Thank you once again.

Best wishes,

Professor Melisssa Withers
Global Health Programme Director, APRU
Associate Professor, USC Institute on Inequalities in Global Health
Welcome Address by Chair of Local Organising Committee

It gives me immense pleasure to welcome you to the 15th annual APRU Global Health Conference in Hong Kong, China.

Cities across East Asia and the Pacific region, as in the rest of the world, are rapidly growing, both reflecting, and driving changes in how we live. Such growth in urbanisation poses both pressing challenges but also opens new possibilities related to sustainable human development. While COVID-19 has highlighted some of the challenges, peering into the future suggests that cutting-edge, sustainable solutions related to global urban health are possible if not inevitable. The main challenge for today’s generation is to make it happen.

This conference brings together renowned local and overseas academics and practitioners, who underscore the inter-sectoral political, social, academic, technical, and public health challenges and opportunities. When innovative minds come together, the ideas and multi-dimensional solutions needed to transform regional and global urban health challenges into opportunities start to flow. The conference is also keenly focused on providing career sharing & mentoring sessions, by academics from a range of backgrounds and perspectives, for students and early-career scholars. We welcome your joining in this endeavour.

On behalf of the Local Organising Committee, I also would like to express my gratitude to the APRU Secretariat and the APRU Global Health Programme for their leadership and guidance in organising this conference. I wish this conference great success, and with the entire organising team, we look forward to receiving all of you in Hong Kong in the near future.

Best wishes,
Professor Keiji Fukuda
Chair, Local Organising Committee
APRU Global Health Conference 2021

Director, School of Public Health
The University of Hong Kong
Since 2007, APRU Global Health Programme has aimed to develop and expand research and education efforts among Pacific Rim universities to address regional and global health issues. By facilitating collaboration and enhancing dialogue, the Programme is an important platform for member universities to work together to bridge health divides, promote and protect population health, and meet shared health challenges. Through this network, members can leverage leading-edge research, education/training programmes and evidence-based health interventions to address today’s most pressing challenges, such as demographic changes, health disparities, rising rates of non-communicable diseases, mental health challenges, and infectious disease outbreaks. The Programme has expanded its scope to include new modalities of global health education, research and applied activities through Research Working Groups and innovative activities to complement student learning, including shared virtual courses, student competitions and experiential learning opportunities. The Programme is hosted by the Institute on Inequalities in Global Health, University of Southern California and the Programme Director is Professor Mellissa Withers.

For more information about APRU and its Global Health Programme, please visit:
APRU: https://apru.org/
APRU Global Health Programme: https://apruglobalhealth.org/
Advisory Group 2021
Programme Director

Mellissa Withers
University of Southern California

Members

Chang-Chuan Chan
National Taiwan University

Sofia Gruskin
University of Southern California

Budi Haryanto
Universitas Indonesia

Masamine Jimba
The University of Tokyo

Mu Li
The University of Sydney

Judith McCool
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Seoul National University

Erlinda Castro-Palaganas
University of the Philippines Baguio

Manuel Pérez Jiménez
Tecnológico de Monterrey

Sanjay Rampal
Universiti Malaya

Christina Schönleber
APRU

PinPin Zheng
Fudan University
APRU GLOBAL HEALTH PROGRAMME

Advisory Group Biographies

DIRECTOR

Melissa Withers is an Associate Professor at the University of Southern California Keck School of Medicine in the Department of Preventive Medicine. She is based at the USC Institute on Inequalities in Global Health. She earned a PhD from the Department of Community Health Sciences at the UCLA Fielding School of Public Health with a minor in Cultural Anthropology. She also holds a Master's in Health Sciences from the Department of International Health, Johns Hopkins Bloomberg School of Public Health, and a BA in International Development from UC Berkeley. Her primary research interests lie in community participatory research, mental health, gender-based violence, and global sexual and reproductive health. She teaches classes for undergraduate and graduate students, including introduction to global health, global health ethics, global health leadership, and case studies in global health. Professor Withers is the editor of two books: *Global Perspectives on Sexual and Reproductive Health Across the Lifecourse*, and *Global Health Leadership: Case Studies from the Asia-Pacific*. She has also published more than 50 scientific articles and serves on the editorial boards of six international global health journals.

MEMBERS

Chang-Chuan Chan, a Harvard University ScD, Fulbright Visiting Scholar, Takemi Fellow in International Health, is currently the Dean of College of Public Health, National Taiwan University (NTU), the Director of the Global Health Center at NTU, and a Professor at the Institute of Occupational Medicine and Industrial Hygiene, NTU. His research focuses on environmental epidemiology, exposure and risk assessment, and global health governance, with collaborative projects in Malaysia, Thailand, Mongolia, India, South Korea, Japan, the U.S. and European Union. He has published over 170 scientific papers in SCI journals. Professor Chan is currently the chair of the ISEE Asia Chapter, and councilor of the Association of Pacific Rim Universities (APRU) Global Health Programme. He is also an advisor to the Taipei City mayor, a member of the Taipei 2050 Vision Committee, and member and Vice Executive Officer of the Council for Sustainable Development, Taipei City Government.

Sofia Gruskin is the Director of USC Institute on Inequalities in Global Health, Chief, Policy and Global Health Division, and a Professor at USC Keck School of Medicine and USC Gould School of Law, University of Southern California. Professor Gruskin is recognised as a pioneer in fostering multi-disciplinary approaches to global health with work ranging from global policy to the grassroots level, and is particularly recognised for her efforts to bring attention to the effects of law and legal frameworks on health outcomes for key and vulnerable populations. Her work has been instrumental in developing the conceptual, methodological and empirical links between global health and human rights, with a focus on sexual and reproductive health, child and adolescent health, HIV/AIDS, gender-based violence, non-communicable diseases and health systems. She has worked closely with the United Nations system, in particular World Health Organization (WHO) and United Nations Development Programme (UNDP), for many years. Professor Gruskin is an associate editor for *Global Public Health*, on the editorial advisory board for *Revue Tiers Monde*, a trustee of *Sexual and Reproductive Health Matters*, and was an associate editor of the *American Journal of Public Health* and editor in chief for *Health and Human Rights* both for over a decade.
Budi Haryanto is a Professor of Environmental Health at Faculty of Public Health of Universitas Indonesia (UI) and the Director of Research Center for Climate Change UI. He is also a Board of Directors of the Pacific Basin Consortium on Environment and Health 2008-2022. He received a PhD in Epidemiology and MSPH on Environmental Health from UI. He also holds MS in Epidemiology from UC Los Angeles. He has experienced in numerous environmental epidemiology studies such as research on air pollution and children's health, including lead, PM 2.5, ultrafine-particles, and biological exposures. Most recently, he has actively contributed to the studies and development of policy and action plan on forest fire health impacts, vulnerability and health adaptation to climate change, health impacts of extreme weather events, and impact of land used change to animal and vector-borne diseases. He has published more than 50 papers on environmental epidemiology included 11 book chapters and 1 edited book, and serves on the editorial boards of 4 journals on environmental health and public health. He was also actively involved in scientific climate talks at Intergovernmental Panel on Climate Change (IPCC), COP 15 Copenhagen 2009, COP 21 Paris 2015 and COP 22 Marrakech 2016.

Masamine Jimba is a Professor and Chair in the Department of Community and Global Health at the Graduate School of Medicine, The University of Tokyo. He studied at Japan's National Institute of Public Health and Harvard School of Public Health. His practical experience includes disease control and health promotion activities in developing countries, first as a World Health Organization (WHO) Health Coordinator for the Gaza Strip and the West Bank from 1994 to 1996. From 1996 to 2001, he implemented health promotion programmes in rural Nepal, using a community development approach, as a public health expert with the Japan International Cooperation Agency. In 2002, he went back to Japan to have a base in the university and has been working on health projects in Asia, Africa and Latin America. His current research interests include health promotion, global health policy, health and development, and maternal, newborn and child health.

Mu Li is a Professor of International Public Health at School of Public Health, The University of Sydney. Her main research contributions are in women’s and children’s health and nutrition, and public health programme evaluation. She has a strong track record in developing cross-cultural and cross-discipline research collaborations in Asia and Africa, and led several research capacity building programmes, including the Australian DFAT Regional Collaboration for Childhood Obesity Prevention Research, involving researchers from China, Indonesia, Thailand and Vietnam; and Evidence-based Policy and Programme Development for Improved Adolescent Health and Nutrition, Indonesia. Professor Li is the founding convenor of the Sydney Global Maternal and Child Health Network. She led the development of the Australian first Master of Global Health programme and was the inaugural director of the programme. She is an Adjunct Professor at Faculty of Public Health, Airlangga University, Indonesia, and at School of Public Health, Fudan University, China.
Judith McCool is an Associate Professor at the School of Population Health, Faculty of Medical and Health Sciences, The University of Auckland. Since 2009, she has been actively involved in the delivery of postgraduate courses in global health for the Master of Public Health and since 2015, been the Director of the Master of Health Leadership Programme and leader for Global Health Leadership stream.

In 2008, Dr McCool established the Global Health Group, a network of academics and practitioners involved in global health, with a focus on the Pacific region. The group has received a Vice Chancellor’s Strategic Development Award and an International Research Team Development Award, reflecting the contributions of the group to the development of global health at the University of Auckland. Dr McCool’s research interests include investigating the role of media, including social and digital media as health communication, commercial determinants of health (tobacco industry investments and impacts on global health) and more recently, the role of mobile and digital health initiatives in low resourced settings, ethical considerations for overseas electives. Dr McCool has worked extensively with a range of stakeholders across the Pacific Islands region to generate research evidence for translation into policy and practice.

Juhwan Oh is a Professor of International Health Policy and Management at Seoul National University (SNU) College of Medicine and SNU Hospital (SNUH). He holds MD and PhD in Public Health degrees. He was a Takemi Fellow in International Health from 2008-2010, and a Visiting Scientist under research leave grant support from SNUH at the Harvard T.H. Chan School of Public Health from 2019-2020. He has served as Chair of the Diseases Specific Priority Setting Committee, Chair of the National Committee for Catastrophic Medical Payment Prevention, and recurrent Co-chair of the Participatory Priority Setting Committee for Health Insurance Benefit Coverage of Health Technology. He has also served as a national committee member of International Development Evaluation Committee and Poverty Eradication Fund.

Erlinda Castro Palaganas is a Professor of Management, an internationally distinguished and respected nurse leader, researcher and academician. She is a pioneer in qualitative nursing research and a multi-awarded health research mentor. She is the founding president of the Philippine Nursing Research Society, Inc. and the Cordillera Center for Research and Health Concerns. She is the VP for External Affairs of the Philippine Association of Medical Journal Editors and the Executive VP of the Asia Pacific Association of Medical Editors. She is a Professor at University of the Philippines - Baguio where she excels in teaching, research and extension work. She is a nurse and continuously serves the nurses and the nursing profession in her capacity as Governor for the Philippine Nurses Association and as Editor-in-Chief of the Philippine Journal of Nursing, a WHO-WPRIM and Scopus indexed nursing journal. As a nurse, she has opted to commit herself to serve the Filipino people. She is a staunch advocate of people’s rights and welfare - a people’s nurse. She has been awarded Fellow to the American Academy of Nursing (Class 2021) and recipient of the international Princess Srinagarindra Award Laureate 2021.
Manuel Pérez Jiménez is Dean of Medicine and Health Sciences for the North Region at Tecnológico de Monterrey, School of Medicine since 2017. He is currently Chairman of Medicine at U21 Health Sciences Group since January 2019. Between September 2010 and September 2013, he was Chairman of the Strategic Committee of the UN Millennium Development Goals interest group from the Universitas 21 Health Sciences Group. Dr Pérez Jiménez did a Global Health training at George Washington University in the U.S., and an PBL training at Maastricht University in the Netherlands. Additionally, he has occupied several teaching positions in the courses of In-Patient Pediatrics, Ambulatory Pediatrics and Introduction to Medicine and Global Health at the Tec de Monterrey School of Medicine. Since his designation as Teaching Coordinator for Postgraduate Programmes at the Tec de Monterrey School of Medicine in 2003, he has shown an extraordinary capacity to work comprehensively and scheme his formative vision in the health context. He had an active leadership role during the COVID-19 pandemic together with the Tecnológico de Monterrey’s health services (TecSalud), through the impulse of digital education with forums and lectures, as well as through the promotion and development of health care during this pandemic. Since December 2020, he took the leadership of COVID-19 immunisation committee at the Tec of Monterrey as link for the national strategy in Mexico.

Sanjay Rampal is a Public Health Physician, Professor of Epidemiology, and the Deputy Dean (Research) at the Faculty of Medicine, Universiti Malaya. Dr Rampal was medically trained in India and had previously served in the Ministry of Health Malaysia. He obtained his MPH from Harvard University and completed his PhD in Epidemiology from Johns Hopkins University. He chairs the Specialty Education Subcommittee for Public Health, Malaysian Medical Council. He is a Fellow of the Academy of Medicine Malaysia and contributes actively to the College of Public Health Medicine. He had also previously chaired the Malaysian National Conjoint Committee for Public Health Postgraduate Medical Programme. Dr Rampal’s research focuses on the epidemiology and prevention of cardiovascular disease. He is particularly interested in elucidating common upstream factors of the different non-communicable diseases. He hopes to leverage this information to design and implement better prevention programmes to improve our healthcare system. During this pandemic, Dr Rampal aims to improve the prevention and control of COVID-19 through research, translation, and active communication with the public.
Christina Maria Schöning is the Senior Director, Policy and Research Programmes at the Association of Pacific Rim Universities (APRU). She has extensive expertise in translating research to impact. She holds responsibilities for developing and growing APRU's strategic policy impact to address pressing regional challenges through the Association's key programme areas working closely with leading scientists and policymakers in the Asia Pacific.

Ms Schöning joined APRU from the innovation and enterprise leadership of the Royal College of Art (RCA) and the University of Kent. As Head of Knowledge Exchange at the RCA in London, she set up and implemented the college's strategic capabilities in applying the latest knowledge and expertise to solve societal, environmental and economic issues. She led the development and submission of the RCA's first major Innovate UK application gaining funding for multi-stakeholder/multi-year collaboration on driverless vehicles and set up new strategic partnerships with major international corporations such as Huawei and Tata Consultancy Services.

At the University of Kent, Ms Schöning led the University’s strategic enterprise development in key areas of science and social science. In this role, she set up the university’s first student start-up and enterprise schemes, forged new cross-disciplinary research collaborations with key partners in the security and information sectors, and developed lasting strategic partnerships with government and industry. Following this she worked as a business development consultant in Hong Kong, developing Sino-German business links.

Pinpin Zheng is the Professor and Director of Department of Preventive Medicine and Health Education in Fudan University. Also, she is the Director of the Tobacco Control Research Center of Fudan Health Communication Institute. Up to now, she has led many tobacco control programmes supported by the World Health Organization (WHO), National Institutes of Health (NIH), Bloomberg Initiative to Reduce Tobacco Use, and National Natural Science Funding of China. She has published over 40 papers on tobacco control in international journals. In 2012, she won the third award of Shanghai Decision Consultation for the efforts in advocating for and evaluating the smoke-free Shanghai Expo. From 2016 to 2017, she and her team contributed to advocating for the smoke-free legislation in Shanghai which was successfully implemented in 2017.
Leander Penaso Marquez (University of the Philippines)

Leander Penaso Marquez is an Assistant Professor of Philosophy at the University of the Philippines Diliman. He currently holds a graduate degree in Philosophy and another one in Education. He has published a number of articles in local and international journals as well as presented some of his research papers at various conferences in Asia and Europe. He has facilitated trainings of teachers in the teaching of subjects such as "Introduction to the Philosophy of the Human Person" and "Trends, Networks, and Critical Thinking in the 21st Century Culture". Incidentally, he has also authored a textbook on the latter under the same title. He sits as co-chair of the Bioethics Working Group of the Association of Pacific Rim Universities Global Health Programme (APRU-GHP). He is also serving as Junior Ambassador to the Philippines for the Universal Scientific Education and Research Network (USERN). His research interests include Ethics, Epistemology, Philosophy for Children, Philosophy of Education, and Philosophy and Popular Culture.

Bioethics

María de Jesús Medina-Arellano (National Autonomous University of Mexico)

María de Jesús Medina-Arellano, PhD obtained her law degree from the Autonomous University of Nayarit, Mexico (2004). In January 2008 she graduated with the equivalent of an MPhil at the National Autonomous University of Mexico (UNAM). During her postgraduate degree she focused on the new paradigm of Health Law, Bioethics and Human Rights in Mexico. She obtained her PhD in Bioethics and Medical Jurisprudence in July 2012, from the School of Law (Centre for Social Ethics and Policy and the Institute for Science, Ethics and Innovation) at the University of Manchester. Her PhD research focused on the regulation of stem cell research in developing countries (Mexico as a case study). From 2013-2014, she worked as Deputy of the Judicial School in the Local Court of Justice in Nayarit. Since September 2014, she has been a full-time researcher at the Institute for Legal Research at UNAM. Since January 2015, she has also been the Deputy of the College of Bioethics, a civil association in Mexico that gathers scientists and physicians working in the area of bioethics from practical and academic perspectives. Since April 2017, she has been a member of the advisory board at the National Commission of Bioethics in Mexico (CONBIOÉTICA). Since January 2016, she has coordinated the Diploma on Bioethics, Health and Law which is offered in the Institute for Legal Research.
Maosheng Ran (The Chinese University of Hong Kong)
Maosheng Ran has medical degrees (BMed, MMed) from West China University of Medical Sciences and PhD (Mental Health) from The University of Hong Kong (HKU). He was an Associate Professor at Department of Psychiatry, West China Hospital, Sichuan University, and a Full Professor (Public Health) at University of Guam. Currently he is an Associate Professor at Department of Social Work and Social Administration, HKU; Visiting Professor, School of Social Development and Public Policy, Fudan University, China; Chair, Academic Committee, Institute of Mental Health, Yangtze University, China; Founder and Principal Investigator of Chengdu Mental Health Project; Chair, Culture, Stigma and Discrimination, and Co-Chair, Cultural Psychiatry and the COVID-19 Virus Pandemic, World Association of Cultural Psychiatry; and Member of the Crisis Intervention Committee, China Mental Health Association. His research interests include social development and mental health, transcultural psychiatry, community mental health, psychosocial intervention, stigma of mental illness, psychiatric epidemiology, disaster events and mental health, and suicide. He has received numerous research grants from the World Health Organization (WHO), National Institutes of Health (USA), National Institute of Mental Health, General Research Fund (HK), Public Policy Research Funding Scheme (HK), etc. He has published over 170 academic papers and 8 books/chapters, and won many academic awards.

Martin Chi Sang Wong (The Chinese University of Hong Kong)
Martin CS Wong is a specialist in Family Medicine and a researcher on cancer screening and prevention of chronic diseases. Professor Wong has composed over 300 publications in international peer-reviewed journals, and received over 15 research awards, including the prestigious “1st Distinguished Research Making Family Medicine Shine Award” by the World Organization of Family Doctors in 2018. He is Co-Chairman of the Grant Review Board, Health and Medical Research Fund, Food and Health Bureau (FHB); the Convener of the Advisory Group on Hong Kong Reference Framework for Care of Diabetes and Hypertension in Primary Care Settings; a member of the Expert Advisory Panel in Implementation Science of the HKSAR Government, and a member of the Research Council of the FHB. He has been selected for the “Master Teacher” and the “Annual Teacher of the Year Award” for seven years. In 2016, he was conferred as an Honorary Fellow by the Hong Kong Academy of Nursing to recognise his achievements. He was appointed as the Editor-in-Chief of the Hong Kong Academy of Medicine in 2017. He is an Adjunct Professor of Peking Union Medical College; and Adjunct Professor of Global Health by Peking University.
Edmar San Jose Elcarte (University of the Philippines)

Edmar San Jose Elcarte, RN, CNN, LPT is a registered nurse, a certified nephrology nurse, a licensed professional teacher, a trained diabetes educator, a palliative and hospice care advocate, research mentor, and educator. With more than 8 years of nursing practice, he has experience in the clinical, hospital management, health research, project management, and nursing education. He also built linkages from different nursing organisations in the Philippines and abroad promoting advancements in learning among nurses in different care settings.

He is an international chapter member of Asia Pacific Hospice and Palliative Care Network (APHRN) Singapore, Sigma Nursing, and Western Pacific Palliative Care Advocacy Network (WPPCAN). He also served as a technical consultant for Department of Health in the development of Palliative and Hospice Care Training Manual and Manual of Operations. He obtained his postgraduate studies in teaching at University of Santo Tomas under a scholarship grant from STEP-UP Philippine Business for Education. Currently, he is pursuing his Master of Arts in Nursing Major in Adult Health Nursing at University of the Philippines-Manila, working as research specialist in Our Lady of Fatima University, and adjunct faculty in De La Salle Health Sciences Institute and Centro Escolar University-Manila.
Local Organising Committee 2021
from School of Public Health, LKS Faculty of Medicine
The University of Hong Kong

Conference Chair
Professor Keiji Fukuda
Director and Clinical Professor

Deputy Co-Chair
Dr Mary Schooling
Associate Professor and Cluster Leader (Non-communicable Diseases in Global Health)

Deputy Co-Chair
Dr Parco Siu
Associate Professor and Head of Division of Kinesiology

Scientific Session Programming Lead
Dr Maggie Kwok
Assistant Professor

Academic Career Mentoring Lead
Dr Youngwon Kim
Assistant Professor

Non-academic Career Sharing Lead
Dr Ryan Au Yeung
Assistant Professor

Abstract Reviewing Panel Lead
Dr Julie Liao
Assistant Professor

Student Case Competition Lead
Dr Joni Zhang
Tutor
Scientific Committee 2021

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**Professor Mellissa Withers**
Global Health Programme Director
Association of Pacific Rim Universities (APRU)
Associate Professor of Clinical Preventive Medicine
University of Southern California

**Dr Mary Schooling**
Associate Professor and Cluster Leader (Non-communicable Diseases in Global Health)
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**Dr Julie Liao**
Assistant Professor
School of Public Health
LKS Faculty of Medicine
The University of Hong Kong
15 November 2021 | Monday
Pre-conference Workshops

9:00 am – 12:00 nn  **Workshop 1 - New Research Methods for Global Health**
Dr Mary Schooling, The University of Hong Kong

12:00 nn – 2:00 pm  Break

2:00 pm – 5:00 pm  **Workshop 2 - Nowcasting Epidemics of Novel Pathogens: Lessons from COVID-19**
Professor Joseph Wu, The University of Hong Kong
Dr Kathy Leung, The University of Hong Kong

16 November 2021 | Tuesday
Scientific Session Day 1

9:00 am – 9:15 am  **Opening Ceremony**
Updates on the APRU Global Health Programme
Professor Mellissa Withers, Director, APRU Global Health Programme

Opening Remarks
Dr Christopher Tremewan, Secretary General, APRU

Welcome Address
Professor Gabriel Leung, Dean, LKS Faculty of Medicine, The University of Hong Kong

Introduction to APRU Global Health Conference 2021
Professor Keiji Fukuda, Director, School of Public Health, The University of Hong Kong

9:15 am – 9:45 am  **Keynote Address 1 - The Role of Catalytic Coalitions in Driving Systems Change**
Ms Gabrielle Fitzgerald, Panorama

9:45 am – 9:50 am  Break

9:50 am – 10:50 am  **Parallel Breakout Session 1**
Concurrent Panel 1.1: Mental Health among Adolescents and Students
Moderator: Erlinda Palaganas, University of the Philippines

1. [Abstract #9] Mental health policy for university students in Hong Kong: A shared responsibility among all university members
Toi Wing Tseng, The University of Hong Kong

2. [Abstract #17] Factors influencing the coping experience of health science students in remote learning during the COVID-19 pandemic in the Philippines
Maria Margarita Lota, University of the Philippines

3. [Abstract #51] ‘Care for Our Future Scholars’: Prevalence and psychosocial correlates of mental health of mainland Chinese PhD students in Hong Kong
Jing Jia, The Chinese University of Hong Kong

4. [Abstract #54] Impact of COVID-19 pandemic on sleep of undergraduate students: A systematic literature review
Rafael Lorenzo Valenzuela, University of the Philippines
Concurrent Panel 1.2: **Health Education/Literacy/Communication**  
*Moderator: Leander Marquez, University of the Philippines*  
1. [Abstract #41] Assessment of permissibility of behavioral change counseling in the Philippine Family Planning Program: Basis for learning and development strategy  
   **Aldrin Riel Boyano**, University of Perpetual Help - Dr. Jose G. Tamayo Medical University  
2. [Abstract #102] Teaching bioethics and bioethics research using inquiry-based pedagogy  
   **Leander Marquez**, University of the Philippines  
3. [Abstract #111] Medication risk communication: A cross-sectional survey among healthcare professionals in Malaysia  
   **Rema Panickar**, Universiti Malaya  
4. [Abstract #165] Biosimilar medicines: A cross-sectional study on hospital pharmacists’ perceived confidence and barriers to promote prescribing among clinicians in Malaysia  
   **Noraisyah Mohd Sani**, Universiti Malaya

Concurrent Panel 1.3: **Cancer**  
*Moderator: Maggie Kwok, The University of Hong Kong*  
   **Xin Er Frances Jin**, National University of Singapore  
2. [Abstract #115] Factors associated with uptake of cervical cancer screening: A population-based study of 2,305 Chinese females  
   **Junjie Huang**, The Chinese University of Hong Kong  
3. [Abstract #127] Cancer incidence and mortality in Asian countries: A trend analysis  
   **Junjie Huang**, The Chinese University of Hong Kong  
4. [Abstract #147] Economic evaluation of colorectal cancer screening programme in Hong Kong  
   **Shing Him Matthew Lee**, The University of Hong Kong

Concurrent Panel 1.4: **Health Care System and Health Economics**  
*Moderator: Masamine Jimba, The University of Tokyo*  
   **Charles Jason Cahilig**, University of the Philippines  
2. [Abstract #38] How should doctors be paid? A systematic review of the impacts of provider payment methods for primary care physicians on patient healthcare utilization  
   **Margaret Kay Ho**, The University of Hong Kong  
3. [Abstract #85] Out-of-pocket payment and health insurance utilization by migration status in China  
   **Wanyue Chen**, The University of Hong Kong  
4. [Abstract #92] A system dynamic model of medical expenditure growth in public hospitals in China and an empirical study in Shanghai  
   **Xuechen Xiong**, Fudan University

10:50 am – 10:55 am  Break
10:55 am – 11:55 am  **Parallel Breakout Session 2**

Concurrent Panel 2.1:  **Health Risk Behaviour and Non-communicable Diseases**  
*Moderator: Judith McCool, The University of Auckland*

1. [Abstract #34] Social media marketing practices by alcohol brands and drinking venues: influence on youth drinking  
   *Rufina Hong Wing Chan, The Chinese University of Hong Kong*
2. [Abstract #104] Quitting is such a sweet sorrow: A grounded theory study of unassisted smoking cessation among Filipino adult smokers  
   *Agnes Raymundo, Manila Central University*
3. [Abstract #120] Ecological momentary assessment for the exposure to alcohol advertisements and promotion of alcohol drinking culture in university students  
   *Minjin Zhang, The University of Hong Kong*
4. [Abstract #175] Chronic disease knowledge among migrant workers in Singapore  
   *Annabelle Pan, Johns Hopkins University*

Concurrent Panel 2.2:  **Urban Environments**  
*Moderator: Jonathan Guillemot, Universidad San Francisco de Quito*

1. [Abstract #59] The role of natural environments in the effectiveness of a mindfulness-based stress reduction (MBSR) programme: Psychological and physiological responses to stress  
   *Eun Yeong Choe, The University of Hong Kong*
2. [Abstract #69] Social vulnerability, stressors and adaptive strategies among migrant workers in Singapore  
   *Aysha Farwin, National University of Singapore*
3. [Abstract #141] Neighbourhood health niche and well-being related behaviour change after COVID-19 pandemic  
   *Ying Chang, Xi’an Jiaotong-Liverpool University*
4. [Abstract #171] Healthy ageing and socio-physical environments: Re-designing high-rise housing estates in compact Hong Kong  
   *Rebecca L.H. Chiu, The University of Hong Kong*

Concurrent Panel 2.3:  **Digital Technology**  
*Moderator: Pinpin Zheng, Fudan University*

1. [Abstract #15] How are countries using technologies to enhance health literacy on noncommunicable diseases (NCDs)? A global situational analysis  
   *Cynthia Sin Nga Lam, The University of Hong Kong*
2. [Abstract #72] The role of telehealth interventions on clinical outcomes in patients with chronic hepatitis C infection: A systematic review  
   *Lok Yee Jane Lam, The University of Hong Kong*
3. [Abstract #86] The development of a smart health technological framework for improving the health of ageing population in the Smart City  
   *Tak Wing Tsui, Vocational Training Council (VTC)*
4. [Abstract #97] Cross-regional collaboration to promote digital mental health equity in the Asia Pacific in the context of COVID-19  
   *Jill Murphy, The University of British Columbia*
Concurrent Panel 2.4: Infectious Diseases

Moderator: Chang-Chuan Chan, National Taiwan University

1. [Abstract #68] Understanding the knowledge, awareness and perceptions of the gut microbiome and FMT in Singaporean adults
   Lydia Wan Zhen Lim, AMILI Pte Ltd

2. [Abstract #80] Angiotensin-converting enzyme inhibitor versus angiotensin receptor blocker use on pneumonia-related outcomes: A population-based study
   Man Ho Jeremy Hui, The University of Hong Kong

   Hui Xiang Chia, National University of Singapore

4. [Abstract #110] Characterizing and forecasting common infectious diseases in China: A time series analysis
   Zonglin Dai, The University of Hong Kong

11:55 am – 12:55 am Career Sharing in the Non-academic Sector

Moderator: Dr Ryan Au Yeung, The University of Hong Kong

Speakers:
- Ms Shereen Ayub, WHO Western Pacific Regional Office
- Dr Kelvin Lam, Asian Development Bank
- Dr Lincoln Lau, International Care Ministries
- Professor Vivian Lin, The University of Hong Kong
- Dr Alex Ng, Tencent Healthcare
- Dr Julian Sham, Amazon Web Services

17 November 2021 | Wednesday

Scientific Session Day 2

9:00 am – 9:30 am Keynote Address 2 - Waging a War Against NCDs on All Fronts: Lessons from a City State

Professor Yik Ying Teo, National University of Singapore

9:30 am – 10:30 am Symposium - Advancing Diversity in the Academia

Moderator: Dr Mary Schooling, The University of Hong Kong

Panellists:
- Professor Mu Li, The University of Sydney
- Professor Malik Peiris, The University of Hong Kong
- Professor Mellissa Withers, University of Southern California

10:30 am – 10:35 am Break
Programmes

10:35 am – 11:35 am  Parallel Breakout Session 3

Concurrent Panel 3.1: Infectious Diseases
Moderator: Sanjay Rampal, University of Malaya

1. [Abstract #27] All-cause mortality of seasonal influenza vaccination among the elderly: A systematic review and meta-analysis
   Terence Tsang, The University of Hong Kong

2. [Abstract #62] Does poor awareness of antimicrobial resistance among general public and health professionals lead to high prevalence of it? A study in a Sri Lankan urban setting
   Yasodhara Gunasekara, University of Peradeniya

3. [Abstract #75] Malaria in rural northern Uganda: A household survey of Malaria infection rates and common prevention strategies
   Sarah Phillips, University of Southern California

4. [Abstract #103] Health professionals with human immunodeficiency virus on antiretroviral therapy: A mixed design study
   Agnes Raymundo, Manila Central University

Concurrent Panel 3.2: COVID-19
Moderator: Juhwan Oh, Seoul National University

   Ebinezer Florano, University of the Philippines

2. [Abstract #44] Association of smoking, lung function, and COPD in COVID-19 risk: A two step Mendelian randomization study
   Shiu Lun Ryan Au Yeung, The University of Hong Kong

3. [Abstract #101] Long COVID-19 syndrome: A comprehensive review of its effect on various organ systems and recommendation on rehabilitation plans
   Zhipeng Yan, The University of Hong Kong

4. [Abstract #132] Comparative sensitivity of different self-sampling methods for SARS-CoV-2 RT-PCR testing
   Ngai Yung Nicole Tsang, The University of Hong Kong

5. [Abstract #161] Perceptions and experiences of young adults regarding the COVID-19 pandemic in Uganda: A focus group study
   Valeria Flores-cadena, University of Southern California
Concurrent Panel 3.3: **Child and Adolescent Health**

*Moderator: Parco Siu, The University of Hong Kong*

1. [Abstract #16] Association low-birthweight babies with environmental factors in Indonesia: A cross-sectional study
   *Aulia Salmaddiina, Universitas Indonesia*
2. [Abstract #31] Exploring the experience of young queer people in Mongolia using visual social research methods
   *Dorjjantsan Ganbaatar, The LGBT Centre (Mongolia)*
   *Sumita Mehta, Babu Jagjivan Ram Memorial Hospital*
4. [Abstract #176] Sexuality 360@ School: An ecosystem approach to comprehensive sexuality education in Hong Kong
   *Neda Ng, Mother’s Choice*

11:35 am – 1:00 pm **Career Mentoring in the Academic Sector**

*Moderator & Mentor*

*Dr Youngwon Kim, The University of Hong Kong*

*Mentors*

*Dr Victoria Fan, University of Hawaii at Manoa*
*Dr Job Godino, University of California San Diego*
*Dr Tommy Lam, The University of Hong Kong*
*Dr Sophie Valkenburg, The University of Hong Kong*
*Professor Jason Yap, National University of Singapore*

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**18 November 2021 | Thursday**

**Scientific Session Day 3**

**9:00 am – 9:30 am** **Keynote Address 3 - Heat and Mortality Associations in Urban and Rural Communities of East Asian Countries**

*Professor Ho Kim, Seoul National University*

**9:30 am – 10:45 am** **Plenary Session - Designing Cities to Promote Well-being**

*Moderator*

*Professor Chris Webster, The University of Hong Kong*

*Panellists*

*Professor Chun-Yen Chang, National Taiwan University*
*Dr Melanie Crane, The University of Sydney*
*Professor Brian Hall, NYU Shanghai and New York University*
*Professor Christine Loh, The Hong Kong University of Science and Technology*

**10:45 am – 10:50 am** Break
10:50 am – 11:50 am  Parallel Breakout Session 4

Concurrent Panel 4.1: **Non-communicable Diseases**

*Moderator: Edmar Elcarte, University of the Philippines*

1. [Abstract #82] Incident dementia, anxiety and depression in Metformin versus Sulphonylurea in Type 2 Diabetes Mellitus: A retrospective population-based cohort study  
   Man Ho Jeremy Hui, The University of Hong Kong
2. [Abstract #83] The effect of economics-based incentives on physical activity for newly diagnosed Type 2 Diabetes: A pilot randomised controlled trial  
   Hiu Yung Harley Kwok, The University of Hong Kong
3. [Abstract #134] Quality measurement of specialty care in Pacific Rim countries: An analysis of five models  
   Kawa Cheong, Roche Hong Kong and Macau
4. [Abstract #144] Challenges of research investigating the impact of Ramadan fasting in children with Type 2 Diabetes during the COVID-19 pandemic in the United Kingdom  
   Hala Elmajnoun, De Montfort University

Concurrent Panel 4.2: **COVID-19 and Health Technologies**

*Moderator: Budi Haryanto, Universitas Indonesia*

1. [Abstract #61] Global monitoring of COVID-19 vaccine hesitancy on social media with deep learning and natural language processing  
   Wai Chak Choy, The University of Hong Kong
2. [Abstract #71] Systematic review and meta-Analysis of the current Coronavirus disease 2019 vaccines for potential dose-optimal vaccine allocation based on reactogenicity and immunogenicity  
   Wesley Rosete, New Era University
   Victoria Anna Yeo, The University of Hong Kong
4. [Abstract #121] Global history of digital contact tracing during the COVID-19 pandemic and ethical considerations for privacy in digital contact tracing apps  
   Reika Shimomura, Duke Kunshan University
Concurrent Panel 4.3: **Mental Health among Older Adults**  
*Moderator: Julie Liao*, The University of Hong Kong

1. [Abstract #29] Post-disaster solo dining and healthy food behavioral change through cooking class participation  
   *Ai Tashiro*, Tokushima University
2. [Abstract #133] Ego integrity and adaptation of urban dwelling Filipino older adults amidst the COVID-19 pandemic  
   *Arlene Nera*, Manila Central University
3. [Abstract #142] Mental health status and coping ability among older Filipino adults in an institutional care facility  
   *Louie Jay Cruz*, Manila Central University
4. [Abstract #143] Urbanisation, relocation and mental health of elderly farmers and the changes during the COVID-19 pandemic  
   *Ying Chang*, Xi’an Jiaotong-Liverpool University

Concurrent Panel 4.4: **Active Lifestyles**  
*Moderator: Meiqi Xin*, The Chinese University of Hong Kong

1. [Abstract #20] Descriptive epidemiology of adolescents’ active travel to school in 31 Asian countries  
   *Rizka Maulida*, University of Cambridge
2. [Abstract #39] Effects of different walking intensities on alleviating depression in older adults with major depressive disorder: A pilot randomized controlled trial  
   *Ju Cheng Danny Yu*, The University of Hong Kong
3. [Abstract #64] The differences in the elderly’s travel behaviour during the COVID-19 pandemic: Metro and health cohort study in Hong Kong  
   *Yao Du*, The University of Hong Kong
4. [Abstract #139] Number of present healthy lifestyle habits and risk of colorectal cancer: A systematic review and meta-analysis  
   *Jiazhou Yu*, The Chinese University of Hong Kong

**11:50 am – 12:20 pm Awards Ceremony**
Announcement of winners of Global Health Student Poster Contest and Global Health Case Competition

**Short Talk - Digital Health – Connecting the Data Dots with Cloud Enabled Technology**  
*Dr Julian Sham*, Head of Health Business, Asia Pacific & Japan, Amazon Web Services

**12:20 pm – 12:30 pm Closing Ceremony**
Closing Remarks  
*Professor Keiji Fukuda*, Director, School of Public Health, The University of Hong Kong
Dr Mary Schooling is currently an Associate Professor at the School of Public Health, LKS Faculty of Medicine, The University of Hong Kong (HKU). Dr Schooling received a PhD from University College London in 2001. As a keen advocate of more rigorous epidemiological methods, Dr Schooling has implemented studies with many different designs and published award winning methodological papers, among over 300 published papers. As an editor and Advisory Board member of the *Journal of Epidemiology and Community Health*, *Social Science and Medicine*, *Preventive Medicine* and *Plos ONE*, and as a reviewer for many international grant awarding bodies, Dr Schooling is shaping the new generation of methodologically rigorous researchers in global health.
Pre-conference Workshop 2

Nowcasting Epidemics of Novel Pathogens: Lessons from COVID-19

Professor Joseph Wu
Professor
Division of Epidemiology and Biostatistics
School of Public Health
LKS Faculty of Medicine
The University of Hong Kong

Professor Joseph Wu specialises in mathematical and statistical modelling of diseases and their interventions. His research aims are: (i) to develop useful analytics and strategies for disease control and prevention; and (ii) to translate his research findings into public health policy and practice for improving global health. He has worked on COVID-19, seasonal and pandemic influenza, hand-foot-and-mouth diseases, HPV, MERS, yellow fever, cervical cancer, colorectal cancer and breast cancer. He earned his PhD in Operations Research from MIT in 2003 and BS in Chemical Engineering from MIT in 1999.

Professor Wu is a Lead Scientist in the Laboratory of Data Discovery for Health (D²4H) at the Hong Kong Science Park. He is the director of HKU’s first Massive Open Online Courseware (MOOC) Epidemics which has had more than 30,000 people enrolled since its first launch in 2014. He is the director of the Croucher Summer Course Vaccinology for Public Health and Clinical Practice.

He is a Fellow of the Faculty of Public Health in the UK and a member of the WHO Advisory Committee on Immunization and Vaccines-related Implementation Research (IVIR-AC). He is an associate editor of the PLOS Neglected Tropical Diseases. He is a member of the MIT SOLVE Challenge Leadership Group and an SME advisor of MIT Innovation Node.

Dr Kathy Leung
Assistant Professor
Division of Epidemiology and Biostatistics
School of Public Health
LKS Faculty of Medicine
The University of Hong Kong

Dr Kathy Leung obtained her PhD in mathematical modeling of infectious diseases from The University of Hong Kong (HKU). Currently she works at HKU School of Public Health as an Assistant Professor. She is interested in mathematical modeling of a wide range of diseases such as influenza, MERS, COVID-19, hand-foot-and-mouth disease, HPV, cervical cancer, colorectal cancer and breast cancer. She also conducts epidemiological and economic evaluations of intervention strategies, such as HFMD vaccination and cancer screening programmes. She is one of the core developers of HKU’s first Massive Open Online Course (MOOC) Epidemics. She is also a co-investigator of Programme 1 of the Laboratory of Data Discovery for Health (D²4H) at the Hong Kong Science Park.
Ms Gabrielle Fitzgerald is the founder and CEO of Panorama, a platform for social change whose mission is to maximise social impact by partnering with visionary leaders to co-develop solutions with audacious thinking and bold action. With decades of experience in philanthropy, advocacy, and coalition building, Ms Fitzgerald has become a recognised voice and thought leader on catalytic philanthropy, women’s leadership, and pandemic preparedness and response.

Panorama works by creating action-oriented partnerships, influencing decision-makers, and facilitating conversations that lead to meaningful collaboration and change for people and the planet. Since its founding in 2017, Panorama has brought much-needed attention and significant funding to complex societal challenges including pandemic preparedness, gender parity in politics, and adolescent mental health.

Under Ms Fitzgerald’s leadership, Panorama has played an instrumental role in the formation of several initiatives including The Ascend Fund, The Upswing Fund, COVID-19 Action Fund for Africa, and Pandemic Action Network. Since its founding, Panorama has managed more than $80M through strategic partnerships, collaborative funds, and fiscal sponsorships.

Prior to founding Panorama, Ms Fitzgerald spent more than a decade working in philanthropy. She directed the $100M Ebola Programme at the Paul G. Allen Family Foundation and served as the director of Global Programme Advocacy at the Bill & Melinda Gates Foundation.

Ms Fitzgerald spent the early stage of her career in Washington, D.C. She led the public affairs strategy for HIV/AIDS and disaster response at the U.S. Agency for International Development and served as the communications director for the U.S. Committee for Refugees. She also served as a speechwriter for President Clinton at The White House.

Ms Fitzgerald is board president of American Friends of United for Global Mental Health. She holds an MA from the Maxwell School at Syracuse University and a BA from American University.

Synopsis
Throughout 2020, the concurrent crises of the global pandemic, economic downturn, heightened inequalities, and escalating impacts of climate change have reinforced the urgency for systems change solutions built on cross-sectoral partnerships and integrated responses.

In the last year, Ms Fitzgerald helped bring to life two COVID-19 pandemic response initiatives: COVID-19 Action Fund for Africa, a radically collaborative initiative that has distributed more than 80 million units of PPE to 18 sub-Saharan African countries, and the Pandemic Action Network, a nimble team of experts working to drive collective action to meet an unprecedented challenge with 140 global partners, including international institutions, civil society organisations, NGOs, media and creative agencies, philanthropies, and private-sector leaders.

The COVID-19 pandemic has also provided a stark reminder of the inextricable link between the environment and our health. New viruses, increasing hurricanes and wildfires, and record levels of displacement are reminders of the effects of a warming planet. Since 2018, Ms Fitzgerald has been vocal about the need to break down silos across sectors to encourage partners and funders to work together in new ways, as she sees linkages between the environment and health as the next urgent frontier for integrated approaches to drive systems change.

In her keynote, Ms Fitzgerald will share her experience in forming these “catalytic coalitions”, lessons learned, strategies that have been vital to their success, and perspectives on what is still needed to see long-term systems change in global health.
Dr Ryan Au Yeung joined the School of Public Health, The University of Hong Kong after his Master of Public Health training (with distinction) in 2008 and PhD training in 2012 at The University of Hong Kong.

Dr Au Yeung's primary research interests include the determinants and consequences of cardiovascular diseases and diabetes, health effects of medications, and health effects of alcohol using longitudinal cohort studies and Mendelian randomisation. His more recent work relates to the design of Mendelian randomisation studies using UK Biobank and summary statistics from genome wide association studies to explore the pleiotropic effects of medications for cardiovascular diseases and type 2 diabetes (e.g. metformin). He currently leads a 5-year Health and Medical Research Fund commissioned study on “Children of 1997” birth cohort focusing on data enrichment (e.g. generating GWAS and microbiome data).

Dr Au Yeung has 87 publications listed at Scopus, with an H-index of 15 (August, 2021). Dr Au Yeung was awarded the Health and Medical Research Fund Research Fellowship (2014), the American Journal of Epidemiology (AJE) Article of the Year (2015), and the Research Output Prize, LKS Faculty of Medicine, HKU (2020). Dr Au Yeung is currently an editorial board member of Scientific Reports.

Dr Au Yeung has been involved in teaching at undergraduate and postgraduate level, including global health, epidemiology, and evidence based practice. Dr Au Yeung was the Deputy Programme Director of the Bachelor of Arts and Sciences in Global Health and Development (BASc(GHD)) from 2018-2021.

Ms Shereen Ayub is a Risk Communications Consultant for the WHO Western Pacific Regional Office (WPRO), currently supporting the Health Emergency Programme's COVID-19 response in the Region.

As a Risk Communications Consultant, Ms Ayub uses social listening tools to develop contextualised COVID-19 messaging. Ms Ayub also supports WPRO’s Listening & Evidence sub-pillar in monitoring and addressing COVID-19 mis- and disinformation in the Region.

Ms Ayub has been based in East Asia for nearly a decade. Prior to joining the WHO, she worked in the academia and public policy research.

Ms Ayub holds a Bachelor of Arts degree in International Relations & Global Studies with a concentration in Science, Technology and the Environment from The University of Texas, and earned her Master of Public Health from The University of Hong Kong.
Dr Kelvin Lam is a Health Specialist at the Asian Development Bank. He is based in Manila, Philippines, and is developing health sector investments for islands states in the Pacific region.

Prior to joining the Asian Development Bank through the Young Professional Programme, he has consulted with the World Health Organization Western Pacific Regional Office and UNICEF East Asia and Pacific Regional Office on health systems development and immunisation.

Dr Lam received his BSc and MSc at Imperial College London, and PhD from The University of Hong Kong.

Dr Lincoln Lau, currently based in Manila, Philippines received his PhD from the School of Public Health, The University of Hong Kong in Epidemiology. In 2013, he joined International Care Ministries and has led the development of their research capacity and projects. His work covers a wide variety of topics including public health, development economics, poverty alleviation programmes, faith-based programmes, social networks, and early childhood education. He is concurrently an Adjunct Assistant Professor at the University of Waterloo and an Assistant Professor at the University of Toronto.
Career Sharing in the Non-academic Sector

Speaker

Professor Vivian Lin

*Executive Associate Dean*
*LKS Faculty of Medicine*
*The University of Hong Kong*

Professor Vivian Lin is an Executive Associate Dean at LKS Faculty of Medicine, The University of Hong Kong. She has 40 years of experience in public health, with a variety of leading roles in policy and programme development, health services planning, research and teaching, and senior administration in complex organisations. She was Chair of Public Health at La Trobe University in Melbourne before serving the World Health Organization (WHO) as Director of Health Systems in the Western Pacific Regional Office. She is the author of several leading textbooks in Australia on health policy and planning, as well as on China. She has served on multiple editorial boards for leading journals, including *Lancet Global Health* and as health policy editor for *Social Science and Medicine*. She is currently a member of the Lancet Commission on Gender and Global Health and the Technical Advisory Group on Universal Health Coverage for the WHO Western Pacific Region, amongst various contributions to global health. She was a member of the International Panel on Social Progress and chaired its health cross-cutting group. Professor Lin has worked at senior executive level in health policy in several Australian jurisdictions, including as Executive Officer of the National Public Health Partnership. She has also consulted widely for the World Bank, UK Department for International Development, Australian Agency for International Development, as well as served on multiple academic, government and community boards in relation to health promotion (as Vice President of International Union for Health Promotion and Education), public health education and research (as chair of Australian National Network of Academic Public Health Institutions), complementary health workforce regulation (notably as inaugural president of the Chinese Medicine Registration Board of Victoria), and China relations (including Australia-China Council). Professor Lin earned her BA from Yale University and MPH and DrPH from UC Berkeley.
Career Sharing in the Non-academic Sector

Speaker

Dr Alex Ng

Vice President

Tencent Healthcare

Dr Alex Ng’s personal mission is to support the under-privileged, the under-served and make this world a more equitable place. He has been and is still experimenting with different approaches to achieve this mission.

Dr Ng is currently leading Tencent’s healthcare business and redefining Tencent’s long term strategic direction in health. Tencent has already developed multiple products such as the WeChat embedded mini-programmes like “Tencent Healthcare”, AIMIS (AI enabled clinical decision support system for medical images), Oncology Assistant (AI enabled triaging system to better match cancer patients to oncologists), the question now is how best to apply these tools in the clinical settings and how to better tap into the potential of AI to improve healthcare access, quality and efficiency.

Dr Ng first started his career as a medical doctor where he was the chief resident at Middlemore Hospital, Auckland, New Zealand before completing his MPH at Harvard. He then joined McKinsey & Company in the U.S. and later became an associate partner advising governments and healthcare corporates on their strategies and operations. After 9 years at McKinsey between the U.S. and China, he joined the Gates Foundation as the deputy director of the China Country Office, responsible for the health and innovation portfolio.

Speaker

Dr Julian Sham

Head of Health Business

Asia Pacific & Japan

Amazon Web Services

Dr Julian Sham is the Head of Health Business for Asia Pacific & Japan at Amazon Web Services. He brings more than 30 years of experience in healthcare to these roles, including more than 10 years as a practicing hospital doctor.

Dr Sham is passionate about how healthcare delivery can be augmented through Cloud and Health technology, improving clinical engagement and stakeholder understanding to accelerate clinical solution design life cycles.

For the past 20 years, he has focused on healthcare technology and change management, managing healthcare projects involving IT implementations and clinical transformation across Europe, the United States, China, Australia, South East Asia and Singapore for both public sector and private organisations. He serves as a member of the Executive Committee for Health Level Seven International (HL7) (Singapore).
Keynote Address 2

Waging a War Against NCDs on All Fronts: Lessons from a City State

Professor Yik Ying Teo
Dean
Saw Swee Hock School of Public Health
National University of Singapore

Professor Yik Ying Teo is Dean of the Saw Swee Hock School of Public Health, National University of Singapore, and concurrently the iOmics Programme Leader at the Life Sciences Institute, and an Associate Faculty Member of the Genome Institute of Singapore.

Professor Teo majored in Statistical Genetics, having completed his doctoral training at the University of Oxford after obtaining a Distinction for his Masters in Applied Statistics at Oxford and graduating top of the cohort for in the Bachelor programme in Mathematics at Imperial College, UK. He pursued his postdoctoral training with the Wellcome Trust Center for Human Genetics, where he was concurrently appointed as a Lecturer at the Statistics Department in University of Oxford.

A keen researcher by nature, Professor Teo has gained international recognition for his work in genomics, where his focus is in the development and application of mathematical and statistical techniques to understand the genetic causes of human diseases and genetic evolution in worldwide populations. He has conducted large scale genomic studies on populations from Africa, Europe and Asia, and currently chairs an international consortium investigating the genetic diversity of cosmopolitan and indigenous populations in Asia.

Professor Teo has served as the Director for the Centre for Infectious Disease Epidemiology and Research, where the Centre works closely with the Ministry of Defence to develop capabilities for disease surveillance, consultation and research to deter and to control potential infectious disease outbreaks. He was also the Founding Director for the Centre for Health Services and Policy Research, which approaches systems-level healthcare issues from a multidisciplinary perspective, connecting healthcare workers, patients, researchers, policy- and decision-makers to tackle complex themes in the fast-changing nature of health services delivery.

For his contributions and achievements to academic and public health, Professor Teo was the recipient of numerous awards, including the Singapore Youth Award (2011), the Young Scientist Award by the Singapore National Academy of Science (2010), the NUHS-Mochtar Riady Pinnacle Young Achiever Award (2015), and the Outstanding Young Persons of the World award in the category of Academic Leadership and Achievements (2015). He was also conferred numerous scholarships during his education, including the Public Service Commission scholarship (1997), the Shell Centenary Scholarship (2000), the Lee Kuan Yew Postgraduate Scholarship (2003) and the NUS Overseas Graduate Scholarship (2003). Growing up in a family of educators, Professor Teo is both a passionate and exceptional educator, and has won numerous faculty and university awards for teaching excellence from both NUS and Oxford.

Synopsis

The rising burden of non-communicable diseases (NCDs) threatens the resilience of health systems and the sustainability of Universal Health Coverage globally. The confluence of increasing life expectancy, ageing demography, and rising obesity has produced the conditions for a perfect NCD storm that most countries are unprepared for. Low- and Middle-Income Countries (LMICs) struggling to cope with mortality from maternal-child undernutrition, the triple burden from HIV-malaria-TB, as well as vaccine-preventable infections are now concurrently facing pressures from early-onset of diabetes, hypertension, and cancers. Professor Teo’s talk will highlight the use of global and local information systems to guide the setting of health priorities in a country, as well as the importance of a whole-of-government approach beyond just health, ranging from fiscal policies to food environment, from the design of transportation networks to the design of outdoor spaces, to systematically and comprehensively address the problems of NCDs.
Dr Mary Schooling joined the School of Public Health at The University of Hong Kong in 2002 as a part-time teaching assistant after obtaining a PhD in Epidemiology from University College London (UK) following a career in IT and Operations Research starting at IBM. Dr Schooling is also a Professor at CUNY Graduate School of Public Health and Health Policy, City University of New York. She is an Associate Editor of the *Journal of Epidemiology and Community Health* (BMJ Publishing Group) and of *PLoS ONE*, a Preventive Medicine Editorial board member and an Advisory Editor for *Social Science and Medicine*.

Dr Schooling’s public health research focuses on finding new interventions for major non-communicable diseases. Dr Schooling is using well-established theory from evolutionary biology, i.e., that growth and reproduction trade-off against longevity, to explain population health, to optimise early life interventions, and to identify new interventions. Dr Schooling is also exploiting unique attributes of Southern China to determine the role of key modifiable exposures, such as alcohol use, diet, obesity, physical activity, breastfeeding and traditional Chinese medicines, in non-communicable diseases. Finally, Dr Schooling is exploiting discrepancies between East and West to identify novel drivers of population health. Key resources for this programme are cohort studies, i.e., "Children of 1997", the Elderly Health Service Cohort and the Guangzhou Biobank Cohort Study, and innovative methods, such as Mendelian randomisation.

This interdisciplinary research programme has yielded over 330 publications and several translatable mechanistic insights:

1. An explanation for the changing patterns of disease with the epidemiological transition, including the emergence of higher rates of ischemic cardiovascular disease in men than women and the differing patterns of disease by migration status, specifically the higher risk of diabetes, haemorrhagic stroke and infection related cancers but lower risk of hormone related cancers and ischemic cardiovascular disease often seen in migrants from less to more economically developed settings;

2. Recognition by the United States Food and Drug Administration (2014/5) and Health Canada (2014) that androgens are a new cardiovascular disease risk factor, with impact on testosterone prescription and practice;

3. Identification of existing interventions, such as neurokinin 3 receptor antagonists, the traditional Chinese medicine, puerarin, copper and aspartate, likely acting on the reproductive axis, which could be used more generally to combat cardiovascular disease.
Symposium
Advancing Diversity in the Academia

Panellist

Professor Mu Li
Professor of International Public Health and
Director of Master of Global Health Programme
Sydney School of Public Health
The University of Sydney

Professor Mu Li is a Professor of International Public Health and the Director of Master of Global Health Programme at Sydney School of Public Health, The University of Sydney. Professor Li is a nutritional epidemiologist and public health programme evaluation specialist. Her major research and teaching interests are maternal and child nutrition, particularly micronutrient deficiency disorders, double burden of malnutrition, and public health programme evaluation.

Professor Li is an internationally recognised researcher for the elimination of iodine deficiency disorders; her research cuts across clinical science, implementation science and programme evaluation in this field. She has acted as an external evaluator for the national iodine elimination programmes in Thailand, Vietnam, China, Malaysia, Vanuatu and Timor Leste. Professor Li coordinated the Australian Government/WHO Tibet Iodine Elimination Project and the National Iodine Nutrition Survey in Australia. She is a current Board Director of Iodine Global Network and a co-chair of the Science Council. She is a member of the Advisory Group and a Technical Expert for maternal child health and nutrition in the Association of Pacific Rim Universities Global Health Programme. She is also a co-founder and currently a co-lead of the Sydney Global Child Health Network.

Professor Li has a strong track record of developing cross-cultural and cross-discipline research collaborations. She led a mobile health (mhealth) project in China, collaboration between Fudan University, China and Sydney University to promote healthy infant feeding. Professor Li was a chief investigator of the “Effectiveness of an integrated programme to reduce maternal and child malnutrition in Indonesia” project. She led the human nutrition component of the “Strengthening food and nutrition security through family poultry and crop integration in Tanzania and Zambia”, a combined nutrition-specific and nutrition-sensitive intervention trial for improved maternal and child food and nutrition security. She currently co-leads the “Pragmatic assessment of an integrated child-wellbeing intervention in Aceh Province, Indonesia”.

Professor Li has supervised several Early Career Research Fellows, many higher research degree students, and three China Future Leadership Scheme Scholars in Australia.
Syposium

Advancing Diversity in the Academia

Panelist

Professor Malik Peiris

Tam Wah-Ching Professor in Medical Science and Chair Professor of Virology
School of Public Health
LKS Faculty of Medicine
The University of Hong Kong

Professor Malik Peiris joined The University of Hong Kong in 1995, and is now Chair of Virology at the School of Public Health, The University of Hong Kong, Hong Kong Special Administrative Region, China. He co-directs the WHO H5 Reference Laboratory and the WHO SARS-CoV-2 reference laboratory at The University of Hong Kong. Currently, he serves on many Hong Kong and WHO advisory committees, including the WHO International Health Regulations Emergency Committee on COVID-19.

He is a clinical and public health virologist with a particular interest in emerging viral diseases at the animal-human interface – using a “One-Health” approach. His research encompasses the pathogenesis, innate immune responses, transmission, ecology and epidemiology of human and animal influenza viruses such as avian influenza subtypes H5N1, H9N2 and H7N9, the emergence of the 2009 pandemic H1N1 from swine, and coronaviruses such as SARS-CoV-1, MERS-CoV, and SARS-CoV-2.

In 2003, Professor Peiris and his research team discovered SARS-CoV, a novel coronavirus, as the etiological agent for SARS. He has contributed to understanding the emergence, spread and pathogenesis of SARS – and of viral zoonotic avian influenza diseases, including their control. He has served on WHO missions to Saudi Arabia on MERS and to China on avian influenza H7N9. His research team is currently investigating the recently emerged SARS-CoV-2 that caused the COVID-19 pandemic.

Professor Peiris has over 800 peer reviewed research publications in international scientific journals, which have been cited over 76,000 times. In recognition of his research contributions, he was elected a Fellow of the Royal Society of London (2006). He has received the Mahathir Science Award, Akademi Sains, Malaysia (2007); a Silver Bauhinia Star, Hong Kong SAR (2008); the Medal “100 Years of Virology” of the D.I. Ivanovsky Institute of Virology of the Russian Academy of Medical Sciences (2009); and the title Officier de la Legion d’Honneur, Republic of France (2017). He was elected a Foreign Associate of National Academy of Sciences, USA (2017), and awarded the John Dirks Canada Gairdner Global Health Award (2021).

Professor Peiris had his undergraduate medical education in Ceylon (now Sri Lanka), followed by postgraduate training in virology at the University of Oxford, UK.
Professor Mellissa Withers is an Associate Professor of Preventive Medicine at the Keck School of Medicine of University of Southern California. She is based at the USC Institute on Inequalities in Global Health. She also directs the Global Health Programme for the Association of Pacific Rim Universities.

Professor Withers’ research focuses on global reproductive health and women’s empowerment, including human trafficking, HIV/AIDS prevention and family planning. Her other research interests include community participatory research, immigrant health, mental health and gender-based violence. She has spent several years living and/or working in developing countries in Asia, Latin America and sub-Saharan Africa. Professor Withers is the editor of two books: Global Perspectives on Sexual and Reproductive Health Across the Lifecourse, and Global Health Leadership: Case Studies from the Asia-Pacific. She is also on the editorial board of five international global health journals.

Professor Withers received a doctorate in community health sciences from the University of California, Los Angeles Fielding School of Public Health in 2009. She also earned her Master of Health Sciences degree in the health systems management track from the Johns Hopkins Bloomberg School of Public Health Department of International Health. She graduated from University of California, Berkeley with a Bachelor’s degree in Global Development.
Dr Youngwon Kim joined the School of Public Health at The University of Hong Kong (HKU) LKS Faculty of Medicine in 2019. Dr Kim received his post-doctoral training in the Physical Activity Epidemiology programme within the MRC Epidemiology Unit at the University of Cambridge School of Clinical Medicine, UK. He earned his PhD in Kinesiology and a minor in Statistics from Iowa State University, the U.S., a Master’s degree in Exercise Science from the University of South Carolina Arnold School of Public Health, the U.S., and a Bachelor’s degree in Business Administration from Hanyang University - ERICA, South Korea. Before joining HKU, Dr Kim worked as Assistant Professor at the University of Utah, the U.S.

As a physical activity epidemiologist, Dr Kim has focused his research on understanding the preventive role of physical activity from an epidemiological perspective. Specifically, he has examined the associations of physical activity and fitness with various mortality, cardiovascular disease and cancer outcomes using data from the UK Biobank project, an ongoing national cohort study of >500,000 UK adults. More recently, his research has examined gene-environment interactions, with physical activity or fitness as an environmental component, to explore whether an increased genetic risk of chronic diseases can be offset through physical activity or fitness. In addition, he has initiated clinical trials to determine the effects of genetic risk communication and wearable device functions on changes in behavioural outcomes.

His primary research interest also lies in improving methodologies for conducting physical activity epidemiology research. Dr Kim’s publications in this line of research have focused on evaluating the utility and validity of various accelerometer-based wearable devices and self-reports to assess physical activity in both children and adults.
Dr Victoria Fan is an Associate Professor of health policy based at the University of Hawai‘i at Mānoa. She is also an FXB fellow at the Francois Xavier Bagnoud Center for Health and Human Rights at Harvard University, an adjunct fellow at the East-West Center, and a visiting fellow at the Center for Global Development. She earned her Doctor and Master of Science in Global Health and Population from Harvard School of Public Health and Bachelor of Science in Mechanical Engineering from the Massachusetts Institute of Technology. Her work in health economics and health systems has contributed to identifying the health financing transition, landscaping the health workforce in China and India, and assessing payment and incentive mechanisms. She has written papers on aid effectiveness and value for money of development assistance for health. Her work using impact evaluation and economic evaluation in health have assessed the costs and benefits of health interventions and health risks, including social policy, diabetes prevention, dental sealants, end-of-life care, and pandemic influenza. She has been invited as a guest speaker by, or given advice to, multilateral institutions (e.g. UNICEF and World Health Organization) as well as national governments (e.g. China, India, South Korea and Thailand). She has worked with non-governmental organisations in Asia (BRAC, SEWA, Tzu Chi) and at units at Harvard University (Harvard Initiative for Global Health, Harvard Global Equity Initiative, Harvard University Programme for Health Care Financing). She previously served as a consultant for the China Medical Board, World Bank and World Health Organization and on studies supported by the Rockefeller Foundation and the Bill & Melinda Gates Foundation.
Dr Job Godino is an Assistant Professor at the University of California, San Diego, where he is a principal investigator in the Center for Wireless and Population Health Systems and the Director of the Exercise and Physical Activity Resource Center. He also serves as the Scientific Director of the Laura Rodriguez Research Institute, which is hosted by Family Health Centers of San Diego, the largest federally qualified health centre in San Diego. Much of Dr Godino’s research funded by the National Institutes of Health focuses on the development and evaluation of interventions that utilise mobile and wearable technology (e.g., smartphones, accelerometers, and heart rate monitors) to promote healthy changes in physical activity, sedentary behaviour, diet, and sleep for the prevention of obesity, diabetes, and cardiovascular disease. He is also actively engaged in the development and evaluation of on- and off-body sensors that measure various components of human physiology and behaviour, as well as systems that trigger active data collection in response to data that is passively acquired. Dr Godino received his PhD in Epidemiology from the University of Cambridge and completed postdoctoral training in the Epidemiology and Biostatistics of Ageing at Johns Hopkins University.
Career Mentoring in the Academic Sector

Mentor

Dr Tommy Lam

Associate Professor
School of Public Health
LKS Faculty of Medicine
The University of Hong Kong

Dr Tommy Lam received his BSc (Bioinformatics) and PhD (Molecular Virology) in The University of Hong Kong, and had postdoctoral training in Pennsylvania State University and University of Oxford. His main research interest is the evolution, epidemiology and ecology of infectious diseases. He uses integrative genomic approach to determine the patterns, drivers and mechanisms of the emergence of pathogens at human-animal interface including influenza viruses and coronaviruses, as well as some bacterial pathogens and their antibiotic resistance emergence. His research has contributed to important understanding of the origins, evolution and transmission of newly emerging pathogens such as H7N9 influenza (Nature 2013, Nature 2015), MERS coronavirus (EID2013, Science 2016) and COVID-19 coronavirus (Nature 2020). He is also leading research studies on mosquitoes and their arboviruses in Hong Kong. Dr Lam is interested in bioinformatics methods. He is leading the development of several computational tools and databases for the genomic analysis.

Dr Lam received Novartis Vaccines Award for Epidemiology of Infectious Diseases from International Society for Infectious Diseases in 2008, and the Newton Research Fellowship from Royal Society UK in 2010. He received National Science and Technology Progress Award (Special Award, 2017) from State Council of the People’s Republic of China. He has been ranked top 1% scholars at HKU based on Essential Science Indicators between 2016-2020. He was awarded with The National Natural Science Foundation of China (NSFC) Excellent Young Scientists Fund (Hong Kong and Macau) in 2019.

In addition to the teaching undergraduate and postgraduate courses in the University, Dr Lam also taught in several international workshops and online courses. He organised the Croucher Summer Course: Computational Genomics of Viral Evolution and Epidemiology to promote high-quality technical training and research collaboration among the local and international scientists in this field.
Career Mentoring in the Academic Sector

**Mentor**

Dr Sophie Valkenburg

Assistant Professor  
HKU-Pasteur Research Pole  
School of Public Health  
LKS Faculty of Medicine  
The University of Hong Kong

Dr Sophie Valkenburg is a junior group leader in the international HKU-Pasteur Research Pole, School of Public Health of The University of Hong Kong (HKU). Her research team is focused on immune correlates of protection from influenza infection. Using a combination of mouse and human models with cellular assays and flow cytometry, the team is poised to study the effects of vaccination in the elderly of Hong Kong, correlation of immunity with infection and patterns of immune escape.

She obtained her PhD from training at the University of Melbourne, Australia on CD8 T cell immunity to influenza infection with Dr Katherine Kedzierska. Dr Valkenburg joined HKU for her postdoctoral training with Professor Leo LM Poon to explore universal influenza vaccines.

**Mentor**

Professor Jason Yap

Vice Dean (Practice) and Associate Professor  
Saw Swee Hock School of Public Health  
National University of Singapore

Professor Jason Yap is a public health physician with over 30 years of experience in the public and private healthcare sectors with diverse responsibilities covering public policy, informatics, marketing and education, he now serves as Vice Dean (Practice) and an Associate Professor in the Saw Swee Hock School of Public Health, National University of Singapore and National University Health System.

He is the Programme Director for the NUHS National Preventive Medicine Residency and also supports undergraduate, postgraduate, executive and continuing professional education in various capacities. His academic interests are in Integrated Care, Healthcare Management and Health Professionals Education.

He is a Fellow in the College of Public Health & Occupational Physicians and the College of Clinician Educators of the Academy of Medicine (Singapore), and the Royal Society for Public Health (United Kingdom). He is a member of the Board of Directors of SATA CommHealth, the Board of the International Foundation for Integrated Care (IFIC), the Medical Advisory Committee of St Luke’s Hospital, and the Advisory Board of SingHealth Post-Graduate Allied Health Institute. He also supports several institutional review boards.
Heat and Mortality Associations in Urban and Rural Communities of East Asian Countries

Professor Ho Kim
Professor of the Department of Epidemiology and Biostatistics
School of Public Health
Seoul National University

Professor Ho Kim is the former Dean of the Graduate School of Public Health (2016 - 2019), Seoul National University. He earned his PhD in Biostatistics from the University of North Carolina at Chapel Hill, the U.S. and joined Seoul National University in 1998. His main research interests lie in climate change, air pollution and their health effects and in methodology developments using statistical models. Professor Kim is the former President of the Korean Society for Health Informatics and Statistics, current Vice-President of the Korean Society for Epidemiology and the Korean Society of Climate Change. He is also an elected Fellow of the National Academy of Medicine of Korea. Professor Kim is the Editor of International Journal of Epidemiology and on the editorial boards of the International Journal of Environmental Research and Public Health. He has published more than 300 peer-reviewed papers on the international journals including The Lancet, Environmental Health Perspectives, Nature Planetary Health and Environment International with topics of air pollution, temperature, diurnal temperature range, mortality, kidney diseases, mental health, etc.

Synopsis

Climate change has already become one of the most important global health concerns, and the results of many studies indicate that if the current trend continues, the burden of the future will be nearly catastrophic. Rapid urbanisation and population ageing are expected to exacerbate the problem of climate change, with serious consequences for future human health. East Asia, including Hong Kong, is an area where climate change, urbanisation, and population ageing are taking place at the same time.

Heatwave is one of the most studied topics so far in the climate change and health research areas and has been reported to be associated with mortality and morbidity in many parts of the world. Some studies report greater health effects of heatwaves in urban areas, while others report the opposite trend. Therefore, more research is needed according to these regional characteristics.

This presentation examines the health effects of heatwaves, especially in urban areas, and considers ways to minimise them. The effect of environmental factors such as urban greenness, socio-economic factors, and demographic factors such as population density on heat-related death is also examined. It also discusses the advantages and disadvantages of urbanisation in terms of adaptation to climate change, which is essential for a sustainable future.
Plenary Session

Designing Cities to Promote Well-being

Moderator

Professor Chris Webster
Dean
Faculty of Architecture
The University of Hong Kong
Chair Professor in Urban Planning and Development Economics
The University of Hong Kong

Professor Chris Webster has degrees in urban planning, computer science, economics and economic geography and is a leading urban theorist and spatial economic modeller. He has published over 150 scholarly papers on the idea of spontaneous urban order and received over US$20M grants for research and teaching and learning projects. He was the co-editor of *Environment and Planning B* for ten years. Books include Webster and Lai (2003) *Property Rights, Planning and Markets*, Cheltenham, Edward Elgar; Glasze, Webster and Frantz (2006) *Private Cities*, London, Routledge; Wu, Webster, He and Liu (2010) *Urban Poverty in China*, Cheltenham; Edward Elgar; and Wu and Webster (Editors) *Marginalisation in Urban China*. London: Palgrave McMillan; and Sarkar, Webster and Gallacher (2014) *Healthy Cities: Public Health Through Urban Planning*. Cheltenham: Edward Elgar. Professor Webster has five prize-winning academic papers on urban theory. His present professional mission is to change the way cities are planned in China and his current research agenda is to establish systematic evidence for the relationship between urban configuration (planned and spontaneous) and individual health. He is currently PI on a UK ESRC-funded ‘Transformative Research’ project that is creating 700 built environment morphometrics for each of the 500,000 members of the UK Biobank, the country’s flagship epidemiological study.

Panellist

Professor Chun-Yen Chang
Professor
Department of Horticulture and Landscape Architecture
National Taiwan University

Professor Chun-Yen Chang teaches and directs the “Healthy Landscape and Healthy People Laboratory” at the Department of Horticulture and Landscape Architecture at the National Taiwan University (NTU), Taipei, Taiwan. Professor Chang has numerous experiences in the academic field of landscape architecture. His team, Healthy Landscape and Healthy People Laboratory, devotes to the research of the relationships between landscapes, human health and wellbeing.

Professor Chang had been served as the President of the Outdoor Recreation Association of R.O.C. (Taiwan), the Editor-in-Chief of the *Journal of Landscape Architecture* (Taiwan), the Editor-in-Chief of the *Journal of Outdoor Recreation Research* (Taiwan), and Taiwan's Delegate to the International Federation of Landscape Architecture (IFLA). Now Professor Chang serves as the Editor-in-Chief of the *Journal of Landscape and Ecological Engineering*, the Chair of Working Group in Horticultural Therapy, International Society for Horticultural Science, and Steering Committee in Association of Pacific Rim Universities Sustainable Cities and Landscapes Hub.
Dr Melanie Crane is a Senior Public Health Research Fellow at The University of Sydney. Her research and teaching extend across non-communicable disease prevention: human health and wellbeing in relation to transport, built environments and climate change; and research methodologies in implementation science, systems thinking and complex programme evaluation.

Since 2016, Dr Crane has co-managed The Australian Prevention Partnership Centre’s evaluation capacity unit and currently manages the Centre’s Implementation and Scale-up work, with partners from the Australian Government Department of Health and Australian state health departments. She is also currently conducting a number of evaluation projects of major urban and transport infrastructure to determine quantifiable systemic health impacts.

Dr Crane is part of the Wellcome Trust Complex Urban Systems for Sustainability and Health (CUSSH) consortium: a transdisciplinary project with researchers from UCL Institute for Environmental Design and Engineering, London School of Hygiene and Tropical medicine, Chinese Centre for Disease Control and Prevention, Peking University, The University of Sydney, University of Wisconsin and others. This research partners with cities London, Rennes, Nairobi, Kisumu, Beijing and Ningbo to improve human development in cities for health and sustainability. Dr Crane led the conceptual development and has spent several years investigating how and why cities need to transform to enable better outcomes for planetary and human health.
Plenary Session
Designing Cities to Promote Well-being

Panellist
Professor Brian Hall
Professor of Global Public Health
NYU Shanghai
Associated Professor
School of Global Public Health
New York University

Professor Brian Hall is a Full Professor of Global Public Health at NYU Shanghai and an Associated Professor at the School of Global Public Health, New York University. Since 2014, he has been an Associate faculty member in the Department of Health, Behavior and Society at the Johns Hopkins Bloomberg School of Public Health (JHBSPH).

Professor Hall's research is broadly focused on the application of qualitative and quantitative approaches to address diverse population health challenges. He has served as a consultant for the World Health Organization (WHO), UNICEF, UNAIDS, and collaborated with several community-based organisations to improve the health of various populations, including internal Chinese and transnational migrants, adolescents, caregivers, and older adults. He is currently working on culturally adapting and trialling scalable digital mental health interventions with the World Health Organization for Chinese adults and Filipino migrant workers. Professor Hall led the first large-scale mixed-methods study of transnational Filipino and Indonesian domestic workers, which examined the social determinants of various health outcomes, including sexual health, cardiometabolic, social, and mental health domains. He is currently collaborating with the WHO on the regional framework for mental health in the Western Pacific Region, serving as a Commissioner on the Lancet Commission for Mental Health in China, and working on the Diagnostic and Statistical Manual of Mental Disorders Working group on Culture, which is developing and updating the cultural material for the DSM-5-TR.

Professor Hall specialised in epidemiological methods and public health during a two-year NIMH T32 Fellowship in Psychiatric Epidemiology in the Department of Mental Health at the JHBSPH. In 2013, he moved full-time to China through a Fogarty Global Health Fellowship (UMJT Consortium), hosted by the University of North Carolina Institute of Global Health and Infectious Disease, JHBSPH, and the Sun Yat-sen University School of Public Health. In 2017, he was the inaugural Global Mental Health Fellow of the World Health Organization, and in 2019, he was elected as a Fellow of the American Psychological Association (D52: International & D12: Clinical). That same year he was the recipient of a Presidential Fellowship for Foreign Talents from the Chinese Academy of Sciences in Beijing. His dedication to global health mentoring was recognised by a Faculty Excellence in Advising Award, Center for Global Health, at the JHBSPH, also in 2019. Professor Hall has co-authored more than 230 journal articles, and received seven early career awards, including the Chaim and Bela Danieli Young Professional Award, International Society for Traumatic Stress Studies, and the American Psychological Association Award for Distinguished Contributions to Psychology in the Public Interest.

Follow this link to the NYU Shanghai Global and Community Mental Health Research group website: www.um-gmh.com
Professor Christine Loh is Chief Development Strategist at the Institute for the Environment, Hong Kong University of Science and Technology (HKUST). She also co-created and co-taught a course on Sustainability as a Competitive Advantage at the Business School at HKUST in 2018 and 2021. Her current teaching commitments include a course on Non-Market Risks at the Anderson School of Management, University of California at Los Angeles (UCLA) in the winter quarter.

Professor Loh is a Director and Trustee of CDP Worldwide, a London-based organisation that runs a global disclosure system for companies, cities, states and regions to manage environmental impacts; a Director of the Global Maritime Forum, an industry platform for senior management to discuss maritime issues that is managed in Denmark; and New Forests Pty Ltd.

She is a member of BASF’s Stakeholder Advisory Council, as well as HSBC’s Climate Advisory Panel. She is also a Director of the Robert HN Ho Family Foundation. Professor Loh is a sought-after speaker on sustainability issues, including climate change, as well as green finance/ESG and related policies. She also briefs finance houses and business groups regularly on geopolitical issues (US-China relations).
Dr Julian Sham is the Head of Health Business for Asia Pacific & Japan at Amazon Web Services. He brings more than 30 years of experience in healthcare to these roles, including more than 10 years as a practicing hospital doctor.

Dr Sham is passionate about how healthcare delivery can be augmented through Cloud and Health technology, improving clinical engagement and stakeholder understanding to accelerate clinical solution design life cycles.

For the past 20 years, he has focused on healthcare technology and change management, managing healthcare projects involving IT implementations and clinical transformation across Europe, the United States, China, Australia, South East Asia and Singapore for both public sector and private organisations. He serves as a member of the Executive Committee for Health Level Seven International (HL7) (Singapore).
2021 Global Health Student Poster Contest

The Contest of this year received 64 excellent submissions from 27 universities across 12 economies. A prize of US$500 will be awarded for the best undergraduate and best graduate posters (one in each category). The winners will be announced during the APRU Global Health Conference 2021 on 18 November 2021.

A huge congratulations to the six finalist posters (in alphabetical order of university names):

**Undergraduate category**

The University of Hong Kong
Yuqi Mi
Victoria A. Yeo
Elkie Y. K. Chan
T. K. Wong
Sigmund Luey
L. Y. Chan
K. T. Kwok
Aditya Prasad

University of Santo Tomas
Christian Aaron R. Ordas
Vianca Clarisse D. Baligaya
Ezekiel V. Custodio
Joan Faith C. Mendoza
Pamela Irish A. Razon
Florimae E. Paimalan
Daniel G. Salunga

University of Santo Tomas
Jasper John P. Jariel
Marifa Louise C. Macaraeg
Dwight Angelo T. Polintan
Ryabelle Jesusa C. Sanchez
Maria Feliz C. Sastre
Daniel G. Salunga

**Graduate category**

The University of Hong Kong
Ken Ka Chung Tang
Peter K. Koh

Universiti Malaya
Chin Kuen Yei
Mohammad Firdaus Bin Abdul Aziz
Ng Kee Seong

Zhejiang University
Duanhui Li
Danyang Wang
Xiaolin Xu
A total of 121 teams from 36 universities across 17 economies joined the Competition this year. Amid the COVID-19 pandemic, the challenge of this year is to devise a technology-driven solution to reduce the spread of misinformation and increase health literacy in an Asia-Pacific country.

A huge congratulations to the three finalist teams (in alphabetical order of university names):

**Nanyang Technological University**
- SASH Inc
  - Surenthar Thirunavukarasu
  - Arun Thavabalan
  - Thiara Sana Ahmed
  - Nurul Halizah Bte Suhaimi

**ACES**
- The Chinese University of Hong Kong
  - Cheung Hoi Shan
    - Charlotte
    - MBChB GPS
    - Year 2
  - Lai Chung Yin
    - Andy
    - MBChB GPS
    - Year 2
  - Zhang Wan-Hei
    - Esther
    - MBChB GPS
    - Year 2
  - Chan Cheuk Hei
    - Sarah
    - MBChB
    - Year 3
  - Esther Zhang
  - Andy Lai
  - Sarah Chan
2021 Global Health Case Competition

University of the Philippines

UP Mediasina
Kariza Pamela Vergara Abu
Anna Michella Evangelista Dela Cruz
Joseph Rem Cebuma Dela Cruz
Robyn Gayle Kho Dychiao
Stefanie Anne De Guzman Francisco
Leonard Thomas Sy Lim

A winning team will be selected and announced at the Awards Ceremony of the APRU Global Health Conference 2021 on 18 November 2021. A prize of US$1,000 will be awarded.
Participating Economies

Australia
Bangladesh
Brunei Darussalam
Canada
China
Chinese Taipei
Ethiopia
France
Germany
Hawaii
Hong Kong, China
India
Indonesia
Israel
Japan
Macao, China
Malaysia
Mongolia
Myanmar
Namibia
Netherlands
Nigeria
Philippines
Russian Federation
Singapore
South Korea
Sri Lanka
Sudan
Switzerland
United Kingdom
United States
Vietnam

Participating APRU Member Universities

Fudan University
Monash University
Nanyang Technological University
National Taiwan University
National University of Singapore
Peking University
Seoul National University
The Australian National University
The Chinese University of Hong Kong
The Hong Kong University of Science and Technology
The University of Auckland
The University of British Columbia
The University of Hong Kong
The University of Melbourne
The University of Sydney
Tohoku University
Universidad San Francisco de Quito
Universitas Indonesia
Universiti Malaya
University of California, San Diego
University of Hawai‘i at Mānoa
University of Oregon
University of Southern California
University of the Philippines
UNSW Sydney
Yonsei University
Zhejiang University
Abstracts accepted for oral presentation during the APRU Global Health Conference 2021 are to be published in the *Journal of Public Health and Emergency*. A few of the top abstracts are selected to develop into full papers, and to be published in a series on “Global Urban Health: Findings from the 2021 APRU Global Health Conference”.

*Journal of Public Health and Emergency* (J Public Health Emerg; JPHE; ISSN: 2520-0054; [jphe.amegroups.com](http://jphe.amegroups.com)) is an open access, peer-reviewed international online journal that was launched in 2017. The journal aims at advancing the research, policy, practice, and education of public health and emergency medicine. JPHE has been indexed in Scopus. It publishes original research on public health and emergency, including health improvement, health protection, service improvement, acute injury and sudden illness etc. Article types include Original Article, Review Article, Case Report, Clinical Guidelines, Perspective, Editorial and Commentary.

The special series is anticipated to be published online in the first half of 2022. It will be valuable to the field, and the papers will reflect a collaborative effort from multiple renowned contributors from the APRU Global Health network. Published papers will have instant international visibility given that all the publications in this series will be open accessed and thus freely available to clinicians and scientists around the world.

**Guest editors of the special series:**

**Professor Mellissa Withers**  
Associate Professor of Clinical Preventive Medicine, University of Southern California  
Global Health Programme Director, Association of Pacific Rim Universities (APRU)

**Dr Mary Schooling**  
Associate Professor and Cluster Leader (Non-communicable Diseases in Global Health)  
School of Public Health  
The University of Hong Kong
Acknowledgements

We would like to express our appreciation for the assistance of our amazing Student Ambassadors:

Marigrace Buendia
Mary Grace Rentoria
Bonardo Prayogo Hasiholan
Frida Romay Hidalgo
Susiana Nugraha
Zaira Gutiérrez Contreras
A big thank you to the judges of our 2021 student competitions:

**2021 Global Health Case Competition**

King Chow (The Hong Kong University of Science and Technology)
Donna Green (The University of Sydney)
Calum Handforth (United Nations Development Programme)
Budi Haryanto (University of Indonesia)
Yin Hui (Peking University)
Aya Ishizuka (The University of Tokyo)
Masamine Jimba (The University of Tokyo)
Youngwon Kim (The University of Hong Kong)
Shubha Kumar (University of Southern California)
Maggie Kwok (The University of Sydney)
Mu Li (The University of Sydney)
Julie Liao (The University of Hong Kong)
Tina Lin (APRU)
Leander Marquez (University of the Philippines)
Judith McCool (The University of Auckland)
János Négyesi (Tohoku University)
Juwan Oh (Seoul National University)
Erlinda Palaganas (University of the Philippines)
Manuel Pérez Jiménez (Tecnológico de Monterrey)
Sanjay Rampal (University of Malaya)
Maosheng Ran (The University of Hong Kong)
Tasidaa Shamsi (University of Malaya)
Haytham Sheerah (Osaka University)
Parco Siu (The University of Hong Kong)
Jingyi Wang (Fudan University)
Mellissa Withers (University of Southern California)
Martin CS Wong (The Chinese University of Hong Kong)
Joni Zhang (The University of Hong Kong)
Tianxiao Zhang (Xi’an Jiaotong University)
Catherine Zhou (The Hong Kong University of Science and Technology)

Our deep gratitude goes to Amazon Web Services for sponsoring the 2021 APRU Global Health Virtual Case Competition.

**2021 Global Health Student Poster Contest**

Edmar Elcarte (University of the Philippines)
Budi Haryanto (University of Indonesia)
Masamine Jimba (The University of Tokyo)
Shubha Kumar (University of Southern California)
Mu Li (The University of Sydney)
Julie Liao (The University of Hong Kong)
Judith McCool (The University of Auckland)
Erlinda Palaganas (University of the Philippines)
Manuel Pérez Jiménez (Tecnológico de Monterrey)
Sanjay Rampal (University of Malaya)
Maosheng Ran (The University of Hong Kong)
Tasidaa Shamsi (Universiti Malaya)
Haytham Sheerah (Osaka University)
Mellissa Withers (University of Southern California)
Martin CS Wong (The Chinese University of Hong Kong)
Joni Zhang (The University of Hong Kong)
Pinpin Zheng (Fudan University)

We would also like to acknowledge the tremendous support of the APRU Secretariat, as well as the University of Southern California Office for Global Engagement.
APRU Member Universities

California Institute of Technology
Chulalongkorn University
Far Eastern Federal University
Fudan University
Harbin Institute of Technology
KAIST
Keio University
Korea University
Kyushu University
Monash University
Nagoya University
Nanjing University
Nanyang Technological University
National Taiwan University
National Tsing Hua University
National University of Singapore
Osaka University
Peking University
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Seoul National University
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Simon Fraser University
Sun Yat-sen University
Tecnológico de Monterrey
The Australian National University
The Chinese University of Hong Kong
The Hong Kong University of Science and Technology
The University of Auckland
The University of British Columbia
The University of Hong Kong
The University of Melbourne
The University of Queensland
The University of Sydney
Tohoku University
Tongji University
Tsinghua University
Universidad de los Andes
Universidad San Francisco de Quito
Universitas Indonesia
Universiti Malaya
University of California, Berkeley
University of California, Davis
University of California, Los Angeles
University of California, Riverside
University of California, San Diego
University of California, Santa Barbara
University of California, Santa Cruz
University of Chile
University of Chinese Academy of Sciences
University of Hawai‘i at Mānoa
University of Oregon
University of Science and Technology of China
University of Southern California
University of the Philippines
University of Washington
UNSW Sydney
Waseda University
Xi’an Jiaotong University
Yonsei University
Zhejiang University
Bachelor of Arts and Sciences in Global Health & Development

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» want to develop strong interdisciplinary leadership skills
» are curious about the interrelated nature of health and development

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Capstone
• 6 month field placement (arranged by HKU)
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• Opportunity to gain practical experience and receive mentoring from organisations at the forefront of global health and development

Career Prospects
Students will have the interdisciplinary skills, knowledge and experience to launch a career in a range of sectors including global health, environmental health, development and economics, industry, academia, governments and NGOs

ADMISSIONS

JUPAS
• No specific elective subject requirements
• All subjects are equally weighted
• Interviews in June/July for shortlisted candidates

Non-JUPAS
• No specific subject requirements
• Interviews in December/January/February for shortlisted candidates

For details, please visit

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Master of Public Health

2022 Intake

MPH programme of HKU prepares public health practitioners to tackle issues in today’s fast-changing health care settings in a pragmatic and efficient manner. It also provides aspiring students the knowledge and skill set to embark on a health-related career. An all-round programme based in Hong Kong, HKU MPH equips you with the techniques and insights to reach new heights in your professional career.

Mode of Study
• 1-year Full-time
• 2-year Part-time

Concentrations
• Public Health Practice
• Epidemiology and Biostatistics
• Control of Infectious Diseases
• Health Economics, Policy and Management

Application Deadline
• 29 April 2022 (Main Round)
• 30 June 2022 (Clearing Round, for local applicants only)

Learn more
https://www.mph.sph.hku.hk

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