

## **PARALLEL SESSION 2.5**

**BEST BUYS, WASTED BUYS AND CONTROVERSIES IN NCD PREVENTION**

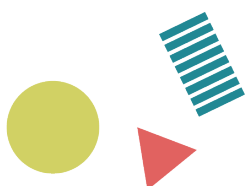


## | BACKGROUND

The world is facing a spectre of non-communicable diseases (NCDs), which will diminish the length and quality of life, interact with existing health conditions, raise household and public health expenditures, and increase the burden of care on family members. A number of policies have been implemented to fight NCDs and studies have shown some interventions to be 'best buys' whereas others are 'wasted buys'. Most NCDs can be preventable and, given the generally lower cost and simpler delivery of preventive interventions, a move towards preventive rather than curative interventions could be attractive. Another approach that is gaining prominence in discussions of NCDs is 'do-it-yourself' or DIY interventions. NCDs are by definition not contagious or infectious and people develop them over the course of their lives for many reasons including those to do with lifestyle. As such, they can be prevented if people modify their lifestyles (i.e., in DIY interventions). At present, there is no definitive collection of evidence on 'best buys', 'wasted buys', and DIY interventions for the prevention of the NCD burden that governments, health professionals, NCD program managers, and healthy lifestyle promotion personnel can use.

## | OBJECTIVES

This session will introduce an upcoming information package which aims to provide details on Best Buys, Wasted Buys, and DIYs in NCD prevention focusing on cardiovascular diseases (heart disease and stroke), diabetes, chronic lung disease and cancers. This work is not intended to offer a one-size-fits-all approach for making recommendations on NCD prevention. It seeks instead to identify how different systems can create and utilize information for identifying interventions offering best value for their populations.





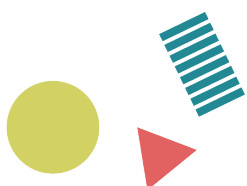
Moderator

## Anthony Culyer

*Professor*

University of York  
United Kingdom

Anthony J Culyer is emeritus professor of economics at York (England); Senior Fellow at the Institute of Health Policy, Management and Evaluation at the University of Toronto; Visiting Professor at Imperial College London, and Chair of the International Decision Support Initiative. He was the founding Organiser of the UK Health Economists' Study Group. For 33 years he was the founding co-editor, with Joe Newhouse, of *Journal of Health Economics*. He was founding Vice Chair of the National Institute for Health and Care Excellence (NICE). For many years he was chair of the Department of Economics & Related Studies at York and, for six of them, was also deputy vice-chancellor. He has received many honours, including Founding Fellowship of the Academy of Medical Sciences (1998), Commander of the British Empire (CBE) (1999), Honorary Doctor of Economics, (Stockholm School of Economics, 1999), Fellowship of the Royal Society of Arts (1999), Honorary Fellowship of the Royal College of Physicians of London (2003). Honorary Membership of the Finnish Society for Health Economics (2013), Baxter Foundation's William B. Graham Prize for Health Services Research (2015), Emmett Hall Laureate and Hall Lecturer (2015), and the International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Avedis Donabedian Outcomes Research Lifetime Achievement Award (2015). He has published widely, mostly in health economics. The third edition of his *The Dictionary of Health Economics* (Edward Elgar) came out in 2014. A collection of his non-technical essays called *The Humble Economist* is available on-line free of charge. He has been an amateur church organist, choir director and music composer.





Panelist

## Adam Elshaug

*Professor of Health Policy and Co-Director*

Menzies Centre for Health Policy, University of Sydney  
Australia

Professor Adam Elshaug, M.P.H., Ph.D., is an internationally recognized researcher and policy advisor specializing in the calculation of low-value care (prevalence and costs of) and reducing waste to optimize value in health care. He is Chair and Professor in Health Policy and Co-Director of the Menzies Centre for Health Policy (MCHP) at The University of Sydney, Australia. Professor Elshaug is a Ministerial appointee to the (Australian) Medicare Benefits Schedule (MBS) Review Taskforce. This is undertaking a 4-year process to review Australia's entire Medicare fee-for-service system utilising HTA principles and processes. In October 2017 Professor Elshaug was appointed to the Board of the NSW Bureau of Health Information (BHI), an arms-length government agency that publicly reports on the performance of all public hospitals. He is a Chief Investigator within the Wiser Healthcare Collaborative: <http://wiserhealthcare.org.au/> and a Chief Investigator and Lead of the Safety, Quality and Value stream of the recently awarded USD\$100 million 'Digital Health Cooperative Research Centre' (DHCRC). Professor Elshaug is Senior Fellow with the Lown Institute in Boston, USA. Professor Elshaug was a 2010-11 Commonwealth Fund Harkness Fellow based at the US Agency for Healthcare Research and Quality (AHRQ). From mid-2011 to mid-2013, he then served as NHMRC Sidney Sax Fellow in Harvard Medical School's Department of Health Care Policy. In parallel, he became The Commonwealth Fund's Inaugural Visiting Fellow for 2012-13 in New York City. He is recipient of numerous research awards and over 150 invitations to address conferences, government, academic, insurance and health technology assessment groups internationally. He has published over 120 technical reports and peer review articles with first-author publications in journals such as The Lancet, New England Journal of Medicine, BMJ, JAMA, Medical Journal of Australia, BMJ Quality & Safety. Professor Elshaug was Co-Lead of 2017 'Right Care' Series of papers in The Lancet.



Panelist

## Bundit Sornpaisarn

*Project Scientist*

Centre for Addiction and Mental Health  
Canada

Bundit Sornpaisarn, M.D., Ph.D., had been for years the deputy CEO, ThaiHealth Promotion Foundation, Thailand, with a responsibility to work on a topic of NCDs and NCD-risk factors controls including control of tobacco, alcohol, unhealthy diet and physical inactivity. He currently is a project scientist at Centre for Addiction and Mental Health (CAMH), Canada. Bundit has been working for years with several research centers, funded by ThaiHealth Promotion Foundation (ThaiHealth), that focus on topics of alcohol, tobacco, unhealthy diet, physical inactivity controls. His works, collaboratively with the mentioned research centers, cover knowledge generation and translation for policy advocacy, diseases and risk behaviors surveillance, as well as working progress monitoring and outcome evaluation. He had closely involved in evidence-based policy advocacy for the enactment of the Alcohol Control Act 2008 and the Tobacco Control Act 2017 in Thailand. He did research studies to evaluate the impacts of alcohol taxation in Thailand. Focusing on achieving the challenged Nine Voluntary Global Target on NCDs Prevention and Controls by 2025 in Thailand, He has invented a conceptual framework for working with multisectoral agencies namely 'A Four-Quadrant Model of Multisectoral Collaborations'. Using the funder role of ThaiHealth, Bundit has built an effective collaboration between four main sectors of key stakeholders that contain agencies under the government sector (including Ministry of Public Health and other ministries under the concept of total of government), the civic sector, the academic sector, and the funders that includes World Health Organization - Thailand office also.



Panelist

## Jesse Bump

*Lecturer on Global Health Policy and Executive Director of the Takemi Program in International Health*

Harvard T.H. Chan School of Public Health  
United States of America

Jesse B. Bump is Executive Director of the Takemi Program in International Health and Lecturer on Global Health Policy in the Department of Global Health and Population at the Harvard T.H. Chan School of Public Health. He leads the global health field of study in the Master of Public Health degree and teaches on the political economy of global health. His research focuses on the intellectual ecology of global health, examining the historical, political, and economic forces that are among the most fundamental determinants of ill health, and the most significant contextual factors that shape institutions and the approaches they embrace. This work addresses major themes in global health history, and in the political economy of global health to analyze these macro forces and develop strategies for navigating solutions within them. Projects have investigated the history of child health problems such as diarrheal disease and congenital syphilis to explain how issues rise and fall on the global health agenda and to produce strategies to better align political visibility with health needs; the historical development of health systems and the implications for development assistance in that area; and the political economy of policy making and implementation in areas such as universal health coverage, humanitarian assistance, tobacco control, and nutrition governance. Dr. Bump has collaborated with the Wellcome Trust on access to pharmaceuticals and aid allocation, the Rockefeller Foundation on applied political economy analysis for universal health coverage, the World Health Organization on the political economy of evaluation, and with UNICEF on the history and politics of nutrition policy. Dr. Bump holds a Baccalaureate in Astronomy and History from Amherst College, a Master in Public Health from Harvard University and a PhD in the History of Science, Medicine, and Technology from the Johns Hopkins University. Previously he was a Takemi Fellow at the Harvard School of Public Health and then Assistant Professor in the Department of International Health at Georgetown University.



Panelist

## Karen Hofman

*Director*

PRICELESS SA  
South Africa

Founding Director of PRICELESS (Priority Cost Effective Lessons for Systems Strengthening) SA at Wits School of Public Health, Professor Karen Hofman graduated from Wits University faculty of Health Sciences and is a qualified Paediatrician. She was on faculty at Johns Hopkins and was subsequently Director of Policy and Planning at the US NIH Fogarty Center. The mission of PRICELESS is to perform analyses that show policymakers where to expect a good return on investment for health. Significant PRICELESS research that will affect life expectancy in South Africa are regulations on the salt content of processed food in 2016 and legislation that was passed for a sugary beverage tax in 2018. An author of more than 100 journal manuscripts and chapters, Karen has been a member of several ministerial task teams and national health committees and regularly engages with the media. She also is a member of the Academy of Science of South Africa (ASSAf), and on the executive committee of the Inter Academy Medical Panel AP for Health. In 2016, she received the Public Health Association of South Africa Annual Award.



Panelist

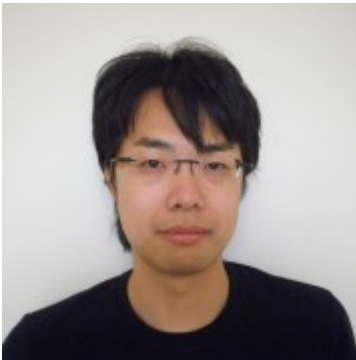
## Peter Neumann

*Director*

The Center for the Evaluation of Value and Risk in Health at Tufts Medical Center  
United States of America

Peter J. Neumann, Sc.D., is Director of the Center for the Evaluation of Value and Risk in Health (CEVR) at the Institute for Clinical Research and Health Policy Studies at Tufts Medical Center, and Professor of Medicine at Tufts University School of Medicine. Prior to joining Tufts, he was on the faculty of the Harvard School of Public Health. His research focuses on the use of comparative effectiveness research and cost-effectiveness analysis in health care decision making. He is the founder and director of the Cost-Effectiveness Registry, a comprehensive database of cost-effectiveness analyses in health care. Dr. Neumann has written widely on the role of clinical and economic evidence in pharmaceutical decision making and on regulatory and reimbursement issues in health care. He served as co-chair of the 2nd Panel on Cost-Effectiveness in Health and Medicine. He is the author or co-author of over 250 papers in the medical literature, the author of *Using Cost-Effectiveness Analysis to Improve Health Care* (Oxford University Press, 2005) and co-editor of *Cost-Effectiveness in Health and Medicine, 2nd Edition* (Oxford University Press, 2016). Dr. Neumann has served as President of the International Society for Pharmacoeconomics and Outcomes Research (ISPOR), and as a trustee of the Society for Medical Decision Making. He is a member of the editorial advisory boards of *Health Affairs* and *Value in Health* and has served on many advisory boards, including those for the Congressional Budget Office and the Robert Wood Johnson Foundation. He has also held several policy positions in Washington, including Special Assistant to the Administrator at the Health Care Financing Administration. He received his doctorate in health policy and management from Harvard University.





Panelist

## Ryota Nakamura

*Associate Professor*

Hitotsubashi University  
Japan

Ryota Nakamura is an associate professor at Hitotsubashi University, Japan. He also serves as a visiting associate professor at the Institute of Statistical Mathematics. He is an applied microeconomist specialising in health economics and policy. He holds a BA and an MA in Economics from Kyoto University and a PhD in Economics from the University of York. Prior to joining Hitotsubashi University in 2016, he held positions at the University of East Anglia and the University of York. His research interests include empirical and theoretical investigations of health-related behavior as well as healthcare systems to inform national and international public health policies, using a wide range of research methods including micro-econometric analysis of observational data, e.g. impact evaluation, economic experiment, modelling, and evidence synthesis.



Panelist



## Tazeem Bhatia

*Public Health Physician*

Public Health England  
United Kingdom

Dr Tazeem Bhatia is a Consultant in Global Public health working on Non-Communicable Diseases and Obesity at Public Health England. She has more than 18 years' experience of medical and public health practice working in diverse environments and resource settings from International NGOs, think tanks and academia, Local Government, the NHS and Civil Service





Panelist

## Tea Collins

*Adviser, WHO Global Coordination Mechanism on Noncommunicable Diseases*

World Health Organization  
Switzerland

Téa Collins, MD, MPH, MPA, DrPH, is Adviser to the World Health Organization (WHO) Global Coordination Mechanism on the Prevention and Control of Non-Communicable Diseases (GCM/NCD), where she oversees work on development cooperation, resource flows into NCDs, strengthening health systems for universal health coverage, implementation research and social determinants of NCDs. Dr Collins came to WHO from the International Atomic Energy Agency (IAEA), where she provided technical advice and expertise on matters related to comprehensive cancer control and health systems strengthening to the Programme of Action for Cancer Therapy (PACT). Prior to IAEA, Dr Collins advised the World Medical Association (WMA) on global health issues of concern to the medical profession, in collaboration with the WHO Global Health Workforce Alliance. As part of her work at WMA she oversaw a global campaign on immunization against influenza among physicians and other healthcare workers. She also served as the first Executive Director of the NCD Alliance, a partnership of over 2,000 member organizations in 170 countries with a mission to combat the NCD epidemic by putting health at the center of all policies. Dr Collins' background includes work at the national Ministry of Health in Georgia, as well as experience managing technical assistance for the US\$ 20 million World Bank Health Reform Implementation Project. She also led the USAID-supported reproductive health and primary health care education projects in the Caucasus targeting internally displaced populations. Dr Collins's academic work includes an appointment at the George Washington University in Washington, DC, where she taught graduate courses on subjects ranging from international health and development to strengthening health systems in Eastern Europe and the former Soviet Union. While at GWU, Dr Collins conducted research and consulted with organizations such as John Snow, Inc., the US Department of Health and Human Services and the National Council on Hispanic Aging. Dr Collins is a pediatrician with a Doctorate in Global Health from The George Washington University, as well as a Master's Degree in Public Health from Boston University and a Master's Degree in Public Administration from the Harvard University Kennedy School of Government. She was a Presidential Scholar, Mason Fellow and Public Service Fellow at Harvard and served on the Board of Directors of the Kennedy School Alumni Association.



Panelist

## Thunyarat Anothaisintawee

*Assistant Professor*

Department of Family Medicine, Ramathibodi Hospital, Mahidol University  
Thailand

Assist. Prof. Dr. Thunyarat Anothaisintawee is a Family physician. She has graduated Ph.D. in Clinical Epidemiology and has worked as faculty staff at Department of Family Medicine, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Thailand. She is an expert in systematic reviews and meta-analysis and published several papers about the association between sleep factors and risk of developing diabetes mellitus in international medical journals. Now, she has conducted the Prediabetes cohort study in Thailand. This cohort aims to investigate the association between sleep factors, eating habits, level of physical activity, genetic factors and risk of developing diabetes mellitus and chronic kidney disease in prediabetes people in Thailand.



Panelist

## Yot Teerawattananon

*Founder*

Health Intervention and Technology Assessment Program  
Thailand

Yot is a founder of HITAP of the Thai Ministry of Public Health and a Visiting Professor at the National University of Singapore. He is co-founder of the HTAsiaLink and the international Decision Support Initiative (iDSI). He has published more than 130 journal articles and provided technical support to countries in Asia and Africa.

