

30 Years of NIHI Conference

Growing Health Innovation



Monday, 9 September 2019 | University of Auckland, Grafton Campus

Thank you for joining us in celebrating 30 years of NIHI. Our ground-breaking work over three decades has informed policy, driven innovation in practice and improved people's lives.

Speakers include some of those who have contributed to NIHI's success in establishing its reputation as one of New Zealand's leading health research and innovation centres. We will also hear from visionaries shaping the way of population health, research, policy and practice into the future.

We are excited to announce that our keynote speaker is Professor Eric Topol.

Professor Topol is one of the foremost experts in digital medicine and personalised healthcare in the US. He is an internationally acclaimed cardiologist and formerly Chief of Cardiology at the Cleveland Clinic, where he founded a new medical school. His 2012 best-seller, "The Creative Destruction of Medicine", examined the impact of both the genomic and wireless revolutions on the health care system. His next book, "The Patient Will See You Now", published in 2015, explored how smartphones, big data, and technology are combining to democratise health care. In his latest book, "Deep Medicine: How Artificial Intelligence Can Make Healthcare Human Again" he argues the case for a more human medicine, "assisted by technology but not driven by it."

General Information

As part of our commitment to sustainability, we are planning the following:

- Fully vegetarian catering for the day
- No plastic utensils or single-use cups
- We have sourced name cards made of recycled paper filled with wildflower seeds. These cards have been created by a NZ Charitable Trust - [The Papermill](#).
- All attendees are asked to bring along a lanyard or name tag holder they may have from a previous conference. We will have some extras on the day for anyone who does not have one.
- All attendees are encouraged to catch public transport to the conference - there will be no parking provided for attendees.

Slido is a platform that allows you to participate in our conference polls and questions. Simply go to the website below, enter the code and you will be able to interact with us.

WIFI Access

UoA-Guest-WiFi

Username: nihiconference@uoa.com

Password: FLqnaTFE

SLIDO Access

Website: www.slido.com

Code: #NIHI

Agenda

8.30am Registration opens

9.30am Mihi whakataua and welcome. A celebration of NIHI past, present and future.

NIHI General Manager Karen Carter will follow the welcome with her perspectives.

Professor Norman Sharpe will share his account of the very early days of CTRU.

NIHI Director, Professor Chris Bullen will discuss Growing Health Innovation. Drawing on examples from NIHI's record-book, Chris will outline his perspectives as a researcher and NIHI Director about keys to success in the rapidly changing health research environment.

10.30am Morning tea

11.00am Hear from three of NIHI's research leaders about how their work is making a difference nationally and internationally.

Associate Professor Natalie Walker. No smoker left behind: Helping NZ reach its smokefree 2025 goal. In 2005 NIHI moved into the field of smoking cessation research, given tobacco is one of the leading modifiable risk factors for non-communicable disease. The addiction team have, to date, enrolled 23,500 participants into their pragmatic smoking cessation trials. In this presentation, Natalie will discuss the progression of NIHI smoking cessation research, from a whole-of-population approach to very targeted approaches focusing on priority high smoking prevalence populations, to ensure no smoker is left behind in the journey to becoming a smoke free nation.

Professor Cliona Ni Mhurchu. Better research through co-design. Researchers are often considered to be "experts" in their subject area and it is still common for research teams to design interventions with minimal input from end users. In this presentation, Cliona will outline her journey from research "expert" to "co-creator". She will draw on two recent co-design research projects she led to illustrate how co-creation of research leads to improved research engagement, end user empowerment, and translation into practice.

Honorary Associate Professor Robyn Whittaker. mHealth: then, now and tomorrow. mHealth has been a big part of the NIHI story. Honorary Assoc. Prof. Whittaker will share insights into NIHI's mHealth work past, present and where she sees mHealth heading to in the future.

12.15pm Panel discussion and Q&A: What are the challenges and opportunities for the future of healthcare, research, policy and innovation?

1.00pm Lunch

2.00pm Move between the afternoon breakout sessions: listen to short talks from our Business Unit staff and emerging researchers; meet the teams, interact with and learn about our APPs, websites and programmes, view posters.

3.00pm Professor Eric Topol. The future of health research: what will it look like? With an emphasis on how technology is disrupting the way we've done health research for the last 50 years, Eric's talk will focus on the unprecedented opportunities and some of the issues/challenges with areas such as remote monitoring of people in their 'real worlds', the capture and analysis of vast amounts of data from a range of sources to predict (and intervene to prevent) future event, translating research findings to effect changes in practice, policy and reducing health inequity. This presentation will be pre-recorded and followed by a live Q&A session.

4.30pm Time to mingle: Join us for drinks and canapés.

Speakers

Professor Eric Topol

Eric is one of the foremost experts in digital medicine and personalised healthcare in the US. He is an internationally acclaimed cardiologist and formerly Chief of Cardiology at the Cleveland Clinic, where he founded a new medical school. His 2012 best-seller, “The Creative Destruction of Medicine”, examined the impact of both the genomic and wireless revolutions on the health care system. His next book, “The Patient Will See You Now”, published in 2015, explored how smartphones, big data, and technology are combining to democratise health care. In his latest book, “Deep Medicine: How Artificial Intelligence Can Make Healthcare Human Again” he argues the case for a more human medicine, “assisted by technology but not driven by it.”



Professor Chris Bullen

Chris is a graduate of the University of Auckland’s School of Medicine, and has postgraduate qualifications in obstetrics, child health and public health, and a PhD in Community Medicine from the University of Auckland. Chris joined NIHI in 2003 as a Senior Research Fellow. His research interests focus primarily on tobacco control and innovative smoking cessation interventions research but he also has wider interests in research on other addictions (alcohol, gambling), global health, heart disease prevention and treatment and health technologies. Chris has honorary appointments at the University of Malaya and Zhejiang University, China.



Karen Carter

Karen is NIHI’s General Manager. She has an honours degree in Applied Social Science, trained as a Registered General Nurse and holds the internationally recognised Project Management Professional (PMP)® credential. She has extensive experience managing pharma and investigator led research studies and health sector commercial contracts in the UK and New Zealand. She is an experienced manager and has a passion for ensuring optimum service delivery by building strong, effective cohesive teams with a focus on high quality service delivery and stakeholder management.



Assoc. Professor Natalie Walker

Natalie is a clinical trialist and epidemiologist, and Associate Director of the Centre for Addiction Research, Faculty of Medicine and Health Sciences. Natalie has a PhD in cardiovascular epidemiology and has held three prestigious fellowships in her career. Her primary area of interest is the conduct of phase III, community-based, clinical trials, with a particular focus on smoking cessation interventions. She has a secondary interest in respiratory health, cardiovascular epidemiology, the use of novel technology in disease prevention and treatment, and research into the efficacy and safety of complementary and alternative medicine. She is a Fellow of the Society for Research on Nicotine and Tobacco (SRNT), and Dean of the SRNT online University.



Professor Cliona Ni Mhurchu

Cliona is Director of the DIET research programme. Cliona trained in Human Nutrition and Dietetics at Trinity College Dublin and worked as a Clinical Dietitian before doing her PhD in Public Health Nutrition at the University of Southampton. She undertakes research related to nutrition, dietary interventions, and food policy, and is recognised internationally for her expertise in population nutrition interventions. Her key areas of interest are food pricing (health-related food and beverage taxes), nutrition labelling, nutrient profiling, and technologies to support dietary change. Cliona is a member of a number of national and international advisory committees and is Deputy Director of the Healthier Lives National Science Challenge.



Honorary Assoc. Professor Robyn Whittaker

Robyn graduated in medicine from The University of Auckland (UoA) and worked across Auckland hospitals before undertaking a Masters in Public Health. She then worked as a Public Health Physician at the Waitemata District Health Board (DHB) from 2002-2004 before returning to the UoA to start her research career in mHealth with the national implementation of STOMP - text messaging to support smoking cessation, and a research collaboration to deliver the same programme in a large UK trial. Since then she has gone on to develop and trial many different mHealth interventions. In 2013, Robyn went back to Waitemata DHB as a Public Health Physician in Research & Innovation and since that time she has worked across both institutions.



Panel Participants

Anthony Rodgers

Anthony is Professor of Global Health, The George Institute, UNSW Sydney, Australia. He has a track record in cardiovascular disease prevention and innovation in interventions to address major risks to health. Anthony trained in epidemiology and public health in New Zealand and for a decade was Co-Director of the Clinical Trials Research Unit, NIHI's predecessor, before joining the George Institute. He is world-renowned for his leadership on developments of an affordable cardiovascular combination pill ('polypill') and a trial of a world-first cellphone-based smoking cessation programme.



Anna Rolleston

Anna is a Senior Research Fellow at both Auckland University and Waikato University and is also Director of the Centre for Health, Tauranga. Her PhD was in Medicine at the University of Auckland. Anna's background and early career was in high-performance sport, working within the Vodafone Warriors, BOP Magic and Beach Volleyball NZ. Her current research is largely community-based, with a view to supporting communities to determine their own health using a kaupapa Māori philosophy. Anna has been a co-investigator on a number of NIHI's research projects and advises on NIHI's research involving Māori



Andy Shenk

Andy is Chief Executive Officer of Auckland UniServices. His background is in academic research in biological sciences in US universities before joining Genesis Research and Development Corporation Ltd then later Fonterra, in research and senior management positions in research strategy, venture investment and Chief Scientist. At Fonterra, Andy was also a Director and Chairman of Lactopharma, a joint venture company owned by Fonterra and Auckland UniServices Ltd. Andy is a member of NIHI's Strategic Advisory Board.



Karen Evison

Karen is Director, Strategy Planning and Funding at Lakes District Health Board where she leads strategic and annual planning, including health needs assessment, programme and service development and performance monitoring. Prior to joining the DHB, she held senior positions at the Ministry of Health, as National Programme Manager, CVD/Diabetes and Long Term Conditions, and is a physiotherapist by background.



Hamish Franklin

Hamish is Group Manager, Healthcare Innovation, at Greencross Health's Pharmacy, Medical and Home Health businesses. Hamish co-founded Atlantis Healthcare, a highly successful New Zealand-based company with offices in NZ and in Australia, Germany, Spain, Britain and the United States. In this role, he established integrated care programmes in Australia, UK & Europe and the US, with a focus on improving self-management. Hamish provides expert advice to NIHI's researchers as a member of the IT Advisory Board.



Breakout Session Presentations

[Karen Carter, General Manager; Varsha Parag, Lead Biostatistician](#)
NIHI Services

[Kristin Sutherland, Project Manager](#)
Clinical Quality Registries

[Dr Rosie Dobson, Research Fellow](#)
The Journey from Health Issue to Solution: an mHealth Example

[Dr Helen Eyles, Senior Research Fellow; Dr Leanne Young, Research Fellow; Dr Kathryn Bradbury, Senior Research Fellow](#)
Nutritrack: a branded food composition database for public health

[Dr Joanna Chu, Research Fellow; Dr Samantha Marsh, Research Fellow](#)
Achieving Digital Wellbeing for New Zealand Youth

Map



NIHI
The National Institute
for Health Innovation

