



UNDER PRESSURE: IMPLEMENTING CHANGE TO TRANSFORM HEALTHCARE

Implementation Science Symposium 2020

November 17 - 19



THE UNIVERSITY OF
SYDNEY

Welcome

It is with great pleasure that I welcome you to Sydney Health Partners fourth-annual Implementation Science symposium.

Coming as it does towards the end of a year of historic upheaval, ***Under pressure: implementing change to transform healthcare*** provides us with a timely opportunity to reflect on the importance of the rapid translation of science into practical action and how effective research translation structures can benefit our health system.

Like almost every other form of endeavor, the world of health and medical research has been upended by the pandemic, challenging the generally-accepted notion that it takes many years to transform long-entrenched practices embedded in health systems.

We have had to deploy all of our research translation tools in response to COVID, and the rapidity with which services have had to be redesigned, new clinical protocols introduced, and public health information disseminated, has been astonishing. We've seen the best available science adapted for an effective organisational response, in timeframes massively condensed by the crisis.

It's this combination of scientific and organisational responses to a problem that are at the heart of Implementation Science, and have inspired of the themes for this year's Symposium.

We have also leveraged our current experience to consider broader issues relating to the resilience of our health system in both adapting to rapid change and managing under pressure.

More generally, the Symposium will discuss, through lived example, the challenges which are common to the translation of all great health and medical innovations: how can they be delivered and sustained practically and at scale, in a complex healthcare system which is often under pressure?

Part of the answer will always be education; the upskilling of our current and future healthcare and research workforce to learn from past experiences and adapt and sustain new practices into the future. Through our new Community of Practice, we will build on existing strengths in Implementation Science and foster new collaborations, to take our health system from strength to strength.



Professor Don Nutbeam FFPH (UK), FAAHMS
Executive Director, Sydney Health Partners

Community of Practice

We are pleased to announce the launch of the Sydney Health Partners' Implementation Science Community of Practice.

Bringing together healthcare professionals, researchers and students from across our Partnership, the community facilitates networking and knowledge sharing about initiatives to improve the translation of evidence into practice.

The community also supports capacity development through annual educational and training events and workshops, offering online educational resources and pilot grants for implementation research projects.

Launching on Day 1 of the Symposium, sign up and gain instant access to our library of implementation science resources – including scientific articles, videos and templates to use in your own projects.

Other benefits include:

- Exclusive access to online webinars and training sessions
- Immediate access to our library of resources, including videos, scientific articles, and project templates
- Connections and networking opportunities with other people interested in Implementation Science through 'Find A Collaborator'
- New resources added monthly

The screenshot shows the homepage of the Sydney Health Partners Implementation Science website. At the top left is the logo for Sydney Health Partners Implementation Science, with the tagline 'A COMMUNITY OF PRACTICE FOR IMPROVING RESEARCH IMPLEMENTATION'. To the right of the logo are social media icons for LinkedIn, Twitter, and Facebook, and two buttons: 'Log in' and 'Become a member'. Below the logo is a navigation menu with links for 'About Us', 'Grant Opportunities', 'Resources Hub', 'Events', 'News', and 'Contact Us'. The main content area features a large blue banner with a profile of a person wearing glasses, overlaid with a network diagram. The banner text reads: 'A Scientific Approach to Bridging the Research-Practice Gap' and 'Fostering the use of Implementation Science to support the processes of change in the health system'. Below the banner is a section titled 'How can we help health services to embrace the innovations which result from health and medical research?' with a sub-question: 'What are the factors that delay or prevent the widespread adoption of novel, evidence-based interventions?'. The text below explains that Sydney Health Partners is fostering the use of Implementation Science to answer these questions and support the processes of change in the health system. It concludes that through the science of implementation, they can determine how best to engage healthcare professionals to create change. At the bottom left of this section is an 'About Us' button. To the right of the text is a graphic of several white arrows pointing right, with one arrow in the center highlighted in orange.

Join our Community of Practice at implementationscience.org.au , going live on Tuesday, 17th November.

About Us

The Sydney Health Partners Implementation Science program is a multi-faceted and interdisciplinary endeavor, which draws on a wealth of clinical and academic experience to build the knowledge and capacity of our clinical, academic and health service Partners in Implementation Science.

Our goal is to demonstrate that evidence-based interventions can be successfully implemented and scaled-up in large and diverse health systems.

Our growing program of work aims to foster methodological approaches to implementing evidence into practice amongst a generation of researchers. By doing so we aim to impact on clinical and patient outcomes, as well as organizational reform and change.

The program is a key initiative of Sydney Health Partners, which is a collaboration between four major health services, the world-leading University of Sydney and ten affiliated medical research institutes. SHP address the challenges that are most important to the health system, remove or reduce the barriers to the adoption of new solutions in clinical settings, and speed up the journey of great ideas into better health outcomes.

Collectively, the members of our Partnership provide healthcare for more than 50% of people across New South Wales and 10% of the Australian population.

sydneyhealthpartners.org.au

What is Implementation Science?

Implementation Science is the scientific study of methods to promote the systematic uptake of research findings and other evidence-based practices (interventions, programs, innovations) into routine practice and improve the quality and effectiveness of health services and care.

Implementation Science includes the study of influences on healthcare professionals and organisational behaviour, across different settings including clinical, community and policy. Rather than focussing on the what, it focuses on the how: how do we get evidence into practice, and turn evidence-based interventions into standard care?

Keynote Speakers



Dr David Chambers

Dr David Chambers is Deputy Director for Implementation Science in the Office of the Director in the Division of Cancer Control and Population Sciences (DCCPS) at the National Cancer Institute (NCI). He manages a team focusing on efforts to build and advance the field of Implementation Science (IS) through funding opportunity announcements, training programs, research activities, dissemination platforms, and enhancement of partnerships and networks to integrate research, practice and policy.

From 2008 through the fall of 2014, Dr Chambers served as Chief of the Services Research and Clinical Epidemiology Branch (SRCEB) of the Division of Services and Intervention Research at the National Institute of Mental Health (NIMH). He arrived at NIMH in 2001, brought to the Institute to run the Dissemination and Implementation Research Program within SRCEB, developing a portfolio of grants to study the integration of scientific findings and effective clinical practices in mental health within real-world service settings. From 2006 to the fall of 2014, Dr Chambers also served as Associate Director for Dissemination and Implementation Research, leading NIH initiatives around the coordination of dissemination and implementation research in health, including a set of research announcements across 15 of the NIH Institutes and Centers, annual scientific conferences, and a summer training institute.



Professor Trisha Greenhalgh

Trish Greenhalgh is an internationally recognised academic in primary health care and trained as a GP. As co-Director of the Interdisciplinary Research In Health Sciences (IRIHS) unit, Trish leads a programme of research at the interface between social sciences and medicine, with strong emphasis on the organisation and delivery of health services. Her research seeks to celebrate and retain the traditional and humanistic aspects of medicine while also embracing the unparalleled opportunities of contemporary science and technology to improve health outcomes and relieve suffering.

Her past research has covered the evaluation and improvement of clinical services at the primary-secondary care interface, particularly the use of narrative methods to illuminate the illness experience in 'hard to reach' groups; the challenges of implementing evidence-based practice (including the study of knowledge translation and research impact); the adoption and use of new technologies (including electronic patient records and assisted living technologies) by both clinicians and patients; and the application of philosophy to clinical practice.

Program

Tuesday 17th November, 9:30 – 11:00am

How is Implementation Science Transforming Health Care: Case Study in Cancer Care

Chair: Professor Sally Redman AO

uni-sydney.zoom.us/j/89611237133

9:30 – 9:40am Introduction and Acknowledgement of Country
Dr Nicole Rankin

9:40 – 10:10am Keynote presentation: How is implementation science transforming healthcare?
Dr David Chambers

10:10 – 10:50am Panel Discussion and Audience Q&A
Moderator: Professor Sally Redman AO

Panellists:

Ms Louise Bailey
Dr David Chambers
Professor David Currow
Professor Anna DeFazio
Professor Robyn Ward AM

10:50 – 11:00am Evaluation, Wrap-Up, and Community of Practice Launch
Dr Nicole Rankin

Wednesday 18th November, 9:30 – 11:00am

Timely Transformation: Learnings from our Rapid Response to COVID-19

Chair: Professor Andrew Baillie

uni-sydney.zoom.us/j/86430605172

9:30 – 9:40am Introduction and Acknowledgement of Country
Professor Andrew Baillie

9:40 – 10:00am Keynote presentation: Politics, post-truth science and COVID-19
Professor Trisha Greenhalgh

10:00 – 10:15am ACI COVID-19 Critical Intelligence Unit and Rapid Response to COVID-19
Dr Jean-Frédéric Levesque

10:15 – 10:55am Panel Discussion and Audience Q&A
Moderator: Professor Andrew Baillie

Panellists:

Dr Teresa Anderson AM
Associate Professor Rory Clifton-Bligh
Ms Jacqueline Dominish
Dr Jean-Frédéric Levesque
Professor Ben Marais

10:55 – 11:00am Evaluation and Wrap-Up
Dr Nicole Rankin

Satellite Session
Thursday 19th November, 9:30 – 10:30am

Early Career Researchers and PhD Support
SHP Academic Science Network

Chair: Professor Andrew Baillie
uni-sydney.zoom.us/j/85092024037

Presentation: A PhD in Implementation Science, Eva Louie
Presentation: Post-doc in Implementation Science, Dr Jillian Eyles
Random Speed Networking

Thursday 19th November, 12:00 – 2:00pm

Sustain: Embracing Change for the Future

Chair: Professor Vicki Flood
uni-sydney.zoom.us/j/84822152768

12:00 – 12:10pm **Introduction and Acknowledgment of Country**
Professor Vicki Flood

12:10 – 12:25pm Presentation: Professor Julie Leask

12:25 – 12:40pm Presentation: Professor Raghu Lingam

12:40 – 1:40pm **Panel Discussion and Audience Q&A**

Moderator: Professor Vicki Flood

Panellists:

Professor Clara Chow

Professor Sarah Hilmer

Professor Julie Leask

Professor Raghu Lingam

Mr Richard Taggart

Discussant: Ms Carrie Marr

1:40 – 1:50pm **Evaluation and Wrap-Up**
Dr Nicole Rankin

1:50 – 2:00pm **Closing Remarks and Thanks**
Professor Don Nutbeam



Jacqueline Dominish

Director Allied Health, Western Sydney
Local Health District



Dr Jean-Frédéric Levesque

Chief Executive, NSW Agency for Clinical
Innovation



Professor Ben Marais

Co-Director, Marie Bashir Institute for
Infectious Diseases and Biosecurity



Professor Vicki Flood

Cojoint Professor of Allied Health, The
University of Sydney and Western Sydney
Local Health District



Professor Julie Leask

Professor, University of Sydney Susan Wakil
School of Nursing and Midwifery



Professor Raghu Lingam

Professor of Paediatric Population Health,
UNSW and Consultant Community
Paediatrician within the Sydney Children's
Hospital Network



Carrie Marr

Chief Executive of the Clinical Excellence
Commission (CEC)



Professor Clara Chow

Academic Director, Westmead Applied
Research Centre



Professor Sarah Hilmer

Conjoint Professor of Geriatric
Pharmacology Medicine, Northern
Clinical School



Richard Taggart

Chief Information Officer, Sydney Local
Health District

For full bios of our speakers, please visit:

[sydneyhealthpartners.org.au/event/
implementation-science-symposium-2020/](https://sydneyhealthpartners.org.au/event/implementation-science-symposium-2020/)

Acknowledgements

The organisers would like to acknowledge everyone who contributed to the success of this event.

We would like to thank all the presenters and panellists for their enthusiasm and insights. Our special appreciation goes to keynote speakers Dr David Chambers and Professor Trisha Greenhalgh.

Sydney Health Partners deeply appreciates the support of the University of Sydney, which provided financial and material support for this conference.

This Symposium could not have happened without the vision and guidance of Professor Don Nutbeam and the indefatigable contributions of the program committee: Dr Nicole Rankin, Dr Jillian Eyles, Professor Vicki Flood and Professor Andrew Baillie.

We are also grateful for the ongoing support of our partner organisations and the many administrators, healthcare professionals and researchers who contribute to the Partnership.

Sydney Health Partners

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