

Unlocking the power of data linkage

Friday 5th August 2016

About the event:

Data linkage is a powerful and expanding area of interest to researchers and clinicians. It offers the ability to combine data sources to answer important clinical, health service and population-related questions.

Data linkage combines information from two or more independent data sources. The records are linked with the understanding that they belong to the same individual, family, place or event. The combined dataset is then available to answer important research questions.

With so many good quality data sources now available for linkage in Australia, this seminar is intended to provide you with important information on how linkage is performed, the ethical and governance issues surrounding the process and the data, and examples of questions which have been answered using data linkage.

At this seminar you will hear from experienced leaders in this field who manage the data linkage process and undertake research across Australian jurisdictions. We anticipate you will leave the seminar armed with necessary information to embark on a data linkage project.

Venue: The Alfred Medical Research and Education Precinct (AMREP) lecture theatre, 75 Commercial Rd, The Alfred, Melbourne Vic 3004.

This is located 100m west of the Punt and Commercial Rd intersection.

Event date: Friday 5th August 2016

Event time: 9:00am - 5:00pm
(Registration opens at 8:30am)

Cost:

\$285pp General rate (inclusive of GST)*

\$195pp Student rate (inclusive of GST)*

*A 20% discount applies for Monash University staff and students with payment via internal transfer. Email cost centre, fund source to crepatientsafety@monash.edu.

Registration closes 2nd August

Catering provided.

Payment and registration is by credit card only:

<http://ecommerce.med.monash.edu.au/product.asp?pid=733&cld=42>
Registration is finalised once you receive a registration confirmation email from the administrator.

Terms and Conditions: Refunds will not be given if cancellations are advised less than seven days prior to the event. Please note, a colleague is always welcome to attend in your place. Refund requests need to be received in writing to crepatientsafety@monash.edu.

Further venue details, accommodation and parking information can be found on our website at:

<http://www.med.monash.edu.au/sphpm/creps/seminars.html>

Enquiries to Catherine Pound on +61 3 9903 0891 or crepatientsafety@monash.edu.

Finance office use only M15004 / 3260397 CREPS Workshops



MONASH University
School of Public Health and Preventive Medicine



Centre of
Research Excellence
in Patient Safety

Speaker details

(in order of appearance)

Associate Professor Sue Evans is Director of the Centre of Research Excellence in Patient Safety and Head of the Clinical Registry Unit at Monash University. Sue has a keen interest in improving measurement of quality in health and manages a number of large clinical registries operating across Victoria. She leads a number of research projects exploring how best to use data to monitor quality of care.

Ms Alex Godfrey is the Project Manager at the Data Linkage Branch (DLB) within the Department of Health WA. The DLB maintains the WA Data Linkage System, the oldest and most comprehensive linkage system in Australia. Alex manages the DLB Client Services team, coordinating the application for linked data process, data agreements, information governance processes and data delivery activities.

Mr Tom Eitelhuber is the Manager of Data Linkage Systems, at the Data Linkage Branch (DLB) within the Department of Health WA. Tom manages DLB's Linkage and Systems Teams, who undertake a range of technical duties including data handling, maintenance of linkage processes, geocoding, systems development, database administration and facilitating the creation of linked data extracts using linkage keys created and maintained within the WA Data Linkage System.

Ms Ying Chen is Manager of Centre for Victorian Data Linkage with the Department of Health and Human Services. Ying has a Master of Public Health and Master of Health Sciences, with expertise in data linkage, information management, public sector budget planning, financing and service planning.

Dr Janneke Berecki-Gisolf is a Senior Research Fellow at the Monash University Accident Research Centre (MUARC), and Director of the Victorian Injury Surveillance Unit (VISU). She is the lead investigator of three large data linkage studies linking injury compensation claims data with administrative health service records. She previously held an Early Career Research Fellowship of the Institute for Safety, Compensation and Recovery Research (ISCRR).

Professor Danny Liew is Professor of Clinical Outcomes Research and Co-Director of the Centre of Cardiovascular Research and Education in the School of Public Health and Preventive Medicine at Monash University. He is also a consultant physician at the Alfred Hospital in Clinical Pharmacology and General Medicine. Danny's research capacity and interests lie in epidemiology, clinical trials, health services research and health economics. Current national expert advisory committees on which Danny serves include the Protocol Advisory Sub-Committee (PASC) of the Commonwealth Medical Services Advisory Committee (MSAC) and the Optometry Board Scheduled Medicines Advisory Committee of the Australian Health Practitioner Regulation Agency (AHPRA).

Professor Stuart Kinner is an NHMRC Senior Research Fellow at Griffith University. He also holds Honorary appointments at The University of Melbourne, Monash University, University of Queensland, and Murdoch Childrens Research Institute. He sits on the Board of Directors and Co-Chairs the Research Committee in the NIDA-sponsored Academic Consortium on Criminal Justice Health, co-convenes the Justice Health Special Interest Group in the Public Health Association of Australia, and since 2005 has served on Australia's National Prisoner Health Information Committee.

(continued overleaf)

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Speaker profiles

Associate Professor Federico Giroi is an Associate Professor at the School of Medicine, Western Sydney University and the Head of Research of the Health Market Quality program at Capital Markets CRC. Dr Giroi is a Harvard graduate with an extensive background in data science and many years of experience in health care modeling and simulation. He was formerly with the RAND Corporation (Santa Monica, USA) where he became well-known for the development of the COMPARE microsimulation, which was used to evaluate the impact of the health care reform commonly known as “Obamacare”.

Associate Professor James Boyd is Director of the Centre for Data Linkage (CDL) at Curtin University. The CDL, as part of the National Population Health Research Network (PHRN), is the main data linkage facility for national projects. It facilitates linkage between jurisdictional datasets and research datasets for the purpose of health and health related research.

Associate Professor Anna Ferrante is Deputy Director of the CDL. As a criminologist, Anna has led a number of collaborative intra- and inter-jurisdictional data linkage research projects to better understand crime and justice issues including drug offending, driving and traffic related crime, Aboriginal justice issues, domestic violence and juvenile justice.

Dr Megan Bohensky is a Senior Market Access consultant at Commercial Eyes and an honorary Senior Research Fellow at the University of Melbourne. She joined Commercial Eyes after 10 years in academia, where she completed a PhD specialising in the analysis of clinical registries, healthcare administrative databases and data linkage. She has also led economic evaluations assessing the cost-effectiveness of various treatments in the areas of oncology and arthritis. Megan has published over 50 peer-reviewed journal articles, including two book chapters examining the use of data linkage, and numerous government and industry reports.

Professor Flavia Cicuttini is a clinical epidemiologist in the School of Public Health and Preventive Medicine, Monash University, and Head of Rheumatology, Alfred Hospital. She has a long history of research in the area of musculoskeletal health using novel approaches such as magnetic resonance imaging for assessing joint structure through to linkage of large data sets. This has enabled a greater understanding of the mechanisms of joint disease and has enabled new approaches to the prevention and treatment of musculoskeletal disease.

PROGRAM

Time	Area covered	Speaker and Organisation
0830	REGISTRATION	
Session 1	Understanding data linkage: lessons from Australian data linkage pioneers Facilitator: A/Prof Sue Evans	
0900 - 0910	Welcome address	A/Prof Sue Evans, Monash University
0910 - 1010	Fundamentals and governance of data linkage: a WA perspective	Ms Alex Godfrey, Data Linkage WA Mr Tom Eitelhuber, Data Linkage WA
1010 - 1030	Panel	
1030 - 1100	MORNING TEA (30 minutes)	
Session 2	Data linkage: using Victorian data Facilitator: Mr Tom Eitelhuber	
1100 - 1130	Data linkage in Victoria	Ms Ying Chen, Victorian Department of Health and Human Services
1130 - 1200	Data linkage with Commonwealth PBS and MBS data: sharing the lessons learned	Dr Janneke Berecki-Gisolf, Monash University
1200 - 1230	Economic evaluations using data linkage	Prof Danny Liew, Monash University
1230 - 1250	Panel	
1250 - 1350	LUNCH (60 minutes)	
Session 3	Using Commonwealth and other jurisdictions' data Facilitator: Ms Alex Godfrey	
1350 - 1420	Understanding health and health service outcomes for adult ex-prisoners: A two-state, multi-method data linkage study	Prof Stuart Kinner, Griffith University
1420 - 1450	The 45 and Up Study: a trove of research questions and linkage opportunities	A/Prof Federico Giroi, Western Sydney University
1450 - 1520	Cross-jurisdictional linkage: enabling research at the national level	A/Prof James Boyd, Curtin University A/Prof Anna Ferrante, Curtin University
1520 - 1530	Panel	
1530 - 1545	AFTERNOON TEA (15 minutes)	
Session 4		
1545 - 1615	Data linkage for research	Prof Flavia Cicuttini, Monash University
1615 - 1645	Quality of data linkage	Dr Megan Bohensky, University of Melbourne
1645 - 1700	Panel and close	
1700	CLOSE	