ACSPRI Social Science Methodology Conference

University of Sydney
19 - 22 July, 2016

Conference Program

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Conference Location

Conference Registration and Sessions (Tuesday → Friday)
Holme Building, Science Rd
Tuesday July 19, 2016

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S1 - Data Visualisation Tools
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S2 - Data archiving and management
Sutherland Room
S3 - Total Survey Error: challenges and practical solutions
Cullen Room
S4 - Why didn’t I think of that? Tools and techniques to ignite your research creativity
(Workshop: Part 1)
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Registrants (at time of printing)
Scientific Committee
Conference management team
Tuesday July 19, 2016

Tuesday 01:00 PM - 05:00 PM

Registration opens

The Refectory

Tuesday 02:00 PM - 05:00 PM

Collecting and Analyzing Social Media Data Using SocialMediaLab: Workshop

Workshop presenters: Robert Ackland and Timothy Graham

Holme Room

VOSON SocialMediaLab is an R package that provides a suite of tools for collecting and constructing networks from social media data. It provides easy-to-use functions for collecting data across popular platforms (Instagram, Facebook, Twitter, and YouTube) and generating different types of networks for analysis. SocialMediaLab also collects the associated text data from social media platforms (e.g. Tweets, Facebook fan page posts and comments, YouTube video comments).

In this workshop, participants will learn how to collect various types of social media data using SocialMediaLab and generate different types of ‘ready-made’ networks for analysis. Participants will also learn basic network and text analysis using R packages such as igraph and tm.

Assumed knowledge: A basic familiarity of R (or other programming languages) and basic concepts from network and text analysis.
Management, archiving and dissemination of research data in the social sciences: Workshop

Workshop presenter: Steven McEachern

Cullen Room

This workshop will provide an introduction to standards and practices for managing, storing and disseminating research and administrative data in the social sciences in Australia.

Topics to be covered will include:

- What is data management and archiving?
- Data sharing policies in Australia: ARC, NHMRC and government data
- Standards for data archiving: OAIS, DDI and beyond
- Managing active projects
- Archiving completed projects: depositing, preserving and archiving data
- Disseminating data
- Question and Answer session

The workshop will provide an overview of current data management practice in Australia and internationally, and discussion of recent Australian developments in data sharing and open data. The workshop will be of interest to those researchers with responsibilities for management of quantitative and qualitative research projects, staff from government agencies interested in disseminating data, and others interested in data access methods for sensitive data.
**Introducing microsimulation: Workshop**

**Workshop presenters: Roy Lay-Yee and Barry Milne**

**Sutherland Room**

Microsimulation is a methodological approach that is becoming increasingly relevant particularly but not only in the policy arena. It can draw together information from micro-level data, giving scope to human agency while taking into account social context. How does microsimulation fit with the social sciences, and what are its advantages? The workshop will attempt to answer these questions and introduce the general features of the microsimulation approach. As an example of a social science application, we will show the construction of our model of determinants and outcomes in the early life course and how the associated tool can be used for testing policy scenarios.

All welcome. No pre-requisites or technical expertise are required.

**Questionnaire creation using free/open tools: Workshop**

**Workshop presenter: Adam Zammit**

**Withdrawing Room**

This workshop focuses on the use of Limesurvey, the free/open source web based survey tool. This is the tool that powers the CANVASS web survey service. Limesurvey allows for the creation of web based questionnaires along with sample/list management. We will run through the creation of a questionnaire including using images, skip logic (question relevance) and multiple question types.

No prior knowledge of web survey tools is assumed - bring along a laptop if you want a more hands-on experience.
How to get the most out of your qualitative data: Workshop

Workshop presenter: Nicola McNeil

MacCallum Room
Wednesday July 20, 2016

Wednesday 09:00 AM - 10:30 AM
Registration continues
The Refectory

Wednesday 10:30 AM - 11:00 AM
Morning Tea
The Refectory

Wednesday 11:00 AM - 12:30 PM
Welcome and Plenary Session 1: David Gow
The past, present and future of ACSPRI and the social sciences.
David Gow - University of Queensland
Footbridge Theatre
Facilitator: Len Coote - University of Queensland
Wednesday 12:30 PM - 01:30 PM

Lunch
The Refectory

Wednesday 01:30 PM - 03:00 PM

S1 - Challenges of studying unique populations

Holme Room

Session Convenors: Ann Evans, Australian National University, Canberra

Surveys for complex populations—evidence from two longitudinal studies
David Marshall, Fiona Skelton

Assessing Respondent-Driven Sampling
Sandro Sperandei, Leonardo Soares Bastos, Marcelo Ribeiro-Alves, Francisco Inacio Bastos

Exploring fertility of Aboriginal and Torres Strait Islander Australians
Liz Allen, Nicholas Biddle

Evaluation design for true accessibility: Lessons from an impact evaluation of the Unlimited Commissions Programme for disabled artists
Tandi J Williams, Morwenna Collett
S2 - Social Network Analysis (SNA)

Sutherland Room

Session Convenors: Julien Brailly, Swinburne University of Technology

Measuring outcomes of network interventions with ERGM
Petr Matous, Peng Wang, Yasuyuki Todo

Multilevel Network Perspectives in and around Organizations: Theory, Structure and Dynamics
Julien Brailly, Dean Lusher, Michael Gilding, Julia Brennecke, Peng Wang, Tom Spurling, Vikki Button, Till Klein, Greg Simpson, Ian Elsum, Bopha Roden

ASPIRE to support industrial symbiosis for SMEs using digital and social networks
Sarah King, Dean Lusher, John Hopkins

S3 - Mental Health Research Methodology

MacCallum Room

Session Convenors: Gina Aalgaard Kelly, North Dakota State University

The role of measurement invariance in measures of mental health
Nichola Louise Shackleton

Cultural Competency with Underage and Adult Binge Drinking in Rural North Dakota
Gina Aalgaard Kelly, Erica Raguse

Challenges and opportunities in the assessment of mental health problems
Philip Batterham
S4 - Organisational and institutional methods

Cullen Room
Session Convenors: Nicola McNeil, La Trobe University, Melbourne

Survey design and respondents: The differences item response options can make
Alastair Warren

Proposing constructivist grounded theory to evaluate long-term project benefits
Johan Fahri, Julien Pollack, Christopher Biesenthal

How to measure and monitor the Australian Army’s Learning Organisation culture?
Mirela Stijelja, Tiffany Fisher, Maya Drobnjak

Wednesday 03:00 PM - 03:30 PM

Afternoon Tea
The Refectory

Wednesday 03:30 PM - 05:00 PM

S1 - Methods for Policy and Planning

Holme Room
Session Convenors: Shaun Wilson, Macquarie University

Field experiments, causal inference and government policy
Nicholas Biddle

Turning theory and empirical research into reflective practice
Catherine Anne Therese Settle

Developing an indicator of need for legal assistance services
Catriona Mirrlees-Black, Sarah Williams
S2 - Innovative Qualitative and Mixed Method Approaches

Sutherland Room
Session Convenors: Karen Kellard, The Social Research Centre

A mixed methods design to investigate student outcomes based on parental attitudes, beliefs, and expectations in mathematics education
Daya Weerasinghe

Occupational violence: An inductive systems approach to interactions
Lara Thynne

Using multiple iterative research methods in a national research project
Erica Smith, Anne Junor

S3 - Unpacking the Arts In Research

MacCallum Room
Session Convenors: Nikki Brunker, University of Sydney

Stepping off the Drunkard’s Path: Methodological bricolage lighting the way to research clarity
Nikki Brunker

Image and Intuition: Beyond the Structure of Research
Rafif A Hakiem

Dramatic Tableaux as a Data collection Method
Gretchen Marie Ennis

Using WoolArt and Reader's Theatre for Transformation in Education
Amy Mortimer
S4 - Organisational and institutional methods

Cullen Room

Session Convenors: Nicola McNeil, La Trobe University, Melbourne

Challenges in Assessing Effective Company Tax Rates
Carol Anne Matchett

Identifying organizational units within a large scale workforce survey
Alastair Warren

Designing and implementing body-worn video research within NSW Police Force
Rebecca Lesic, Gemma Myers, Timothy Cubitt

Wednesday 05:30 PM - 07:30 PM

Anniversary dinner

Ann Evans - The Australian National University & Chair, ACSPRI
Darren Pennay - The Social Research Centre

The Refectory
Thursday July 21, 2016

Thursday 09:00 AM - 10:30 AM

Plenary Session 2: Lynda Cheshire

Thinking Big about Qualitative Research: Trends, Visions and Challenges for the Future.
Lynda Cheshire - University of Queensland

Footbridge Theatre

Facilitator: Ann Evans - The Australian National University

Thursday 10:30 AM - 11:00 AM

Morning Tea
The Refectory
Thursday 11:00 AM - 12:30 PM

S1 - Probability versus non-probability sampling and the special case of on-line panels

Holme Room

Session Convenors: Darren Pennay, The Social Research Centre Pty Ltd

The Online Panels Benchmarking Study: A comparison of the relative accuracy of population estimates obtained from probability surveys and non-probability online panels.
Darren Walter Pennay, Dina Neiger, Paul John Lavrakas, Nikki Honey, Kim A Borg

Improving the accuracy of opt-in online samples using probability samples
Dina Neiger, Darren Pennay, Andrew Craig Ward, Sebastian Misson

Explaining political satisfaction with validated Google Trends data
Jill Sheppard, Nicholas Biddle

S2 - Social media, network analysis and big data

Sutherland Room

Session Convenors: Robert Ackland, Australian National University Haris Memic, Australian National University

Network Analysis of Australian Advocacy Groups on Twitter
Haris Memic, Robert Ackland

Actual friends on Facebook
Mahin Raissi

Applying big-data techniques to small-data: Latent Semantic Analysis of interviews investigating reasons for parents’ choice of school
Sean Leaver
S3 - Video reflexive ethnography: Creative scholarship for complex spaces

MacCallum Room

Session Convenors: Ann Dadich, School of Business, Western Sydney University

Negotiating access and undertaking video reflexive ethnography in a community-based palliative care setting
Michael Hodgins, Ann Dadich, Aileen Collier

Video reflexive ethnography: A creative approach to understand and promote brilliant organisational experiences
Ann Dadich, Michael Hodgins, Aileen Collier

Video Reflexive Ethnography in Complex Hospital Spaces: A Methodology for Identifying Successful Practices in Inter-Team Collaboration
Katherine Carroll, Jessica Mesman, Heidi McLeod

The patient revolution and video-reflexive ethnography
Heidi McLeod, Danielle Bywaters, Aileen Collier, Suzanne Grant, Brydan Lenne, Mary Wyer

Uncovering Respect in the Clinical encounter using a respectful, qualitative methodology: Video Reflexive Ethnography
Heidi McLeod, Katherine Carroll, Donna McAlpine, Victor Montori

Analysis on the run: redefining and locating analysis in video-reflexive ethnography
Su-yin Hor, Katherine Carroll, Aileen Collier, Brydan Lenne, Mary Wyer

S4 - Free / open source software in social research

Cullen Room

Session Convenors: Adam Zammit, ACSPRI

Open Source Software for Data Collection Support
Danny Jonathan Smith, Andrew Craig Ward

An Overview of R Packages for Social Network Analysis
Sung-il Cho, Yeongmee Kim

Developing solutions for scalable, low-cost, open-source metadata management using the Aristotle Metadata Registry
Samuel Canvanough Spencer
Thursday 12:30 PM - 01:30 PM

Lunch
The Refectory

Thursday 01:30 PM - 03:00 PM

S1 - Adding value to existing data, including administrative

Holme Room

Session Convenors: Barry Milne, The University of Auckland

High quality measures of socio-economic status (SES) for equitable school funding
Lucy Lu, Karen Rickard

Data linkage: NAPLAN and the Longitudinal Study of Indigenous Children (LSIC)
Anastasia Sartbayeva

Two decades of within and between-region inequality in Australian cities
Bruce Bradbury

The Australian Census Longitudinal Dataset 2006-2016
Theresa Nunan, Sarah Hinde, James Chipperfield

Use of the Geocoded National Address File as a Sampling Frame for Survey Research
Dina Neiger
S2 - Social media, network analysis and big data

Sutherland Room

Session Convenors: Robert Ackland, Australian National University Haris Memic, Australian National University

Using social media data to determine depression risk: A validation study
Bridianne O’Dea, Mark Larsen, Thin Nguyen, Dinh Phung, Svetha Venkatesh, Helen Christensen

Information Contagion through Social Media: Towards a Realistic Model of the Australian Twittersphere
Axel Bruns, Patrik Wikström, Peta Mitchell, Brenda Moon, Felix Münch, Lucy Resnyansky, Lucia Falzon

Social Media, Influence, and Time: The Heuristic Significance of Mathematical and Computational Methods
Lucia Falzon, Lucy Resnyansky

S3 - Innovations in longitudinal data collection methodologies

MacCallum Room

Session Convenors: Joanne Corey, Australian Bureau of Statistics

Collecting Longitudinal Data on Children in the U.S.: Results of the 2014 Child Development Supplement to the U.S. Panel Study of Income Dynamics
Narayan Sastry

Using Web-CATI in the context of a longitudinal cohort study: Experiences from the Growing Up in Scotland study
Line Knudsen

Randomised trial of online and postal questionnaires for a longitudinal study on health and ageing
Margo Barr

Addressing attrition in the Longitudinal Study of Australian Children (LSAC)
Vivienne King
**S4 - An introduction to video reflexive ethnography (Workshop: Part 1)**

Facilitators:

Dr Katherine Carroll, Mayo Clinic  
Dr Aileen Collier, Flinders University  
Dr Ann Dadich, Western Sydney University  
Dr Su-yin Hor, University of Tasmania  
Prof. Rick Iedema, Monash Centre for Health Research and Implementation  
Dr Jessica Mesman, Maastricht University  
Ms Mary Wyer, University of Tasmania

**Chancellors Room**

Video reflexive ethnography invites research participants to make sense of visual data they have a personal connection with. Reflexivity is distinct from reflection. While reflection merely asks, ‘What do I do?’, reflexivity positions the subject contextually in relation to the self, to others, and to the broader influences that shape behaviour. Drawing on different disciplinary perspectives, this workshop will explore the potential value of video reflexive ethnography for researchers who collect and interpret qualitative material. Using bona fide scholarly examples, the workshop will demonstrate the pragmatic use of this transformative methodology in a variety of contexts. The workshop will proceed in four parts over two sessions.

This session:

1. Participants will be invited to engage in a video reflexive event, where they are expected to reflect on the socio-interactive conduct produced as a group in response to a specific task
2. The workshop facilitators will describe the basic process of video reflexive ethnography, outline its pedagogic and theoretical bases, and present scholarly examples
Thursday 03:00 PM - 03:30 PM

Afternoon Tea
The Refectory

Thursday 03:30 PM - 05:00 PM

S1 - Addressing the quantitative deficit in social science

Holme Room

Session Convenors: Peter Davis, COMPASS Research Centre, The University of Auckland

Contributing to the Accessibility of Quantitative Skills: Concerns & efforts of COMPASS since 2004
Martin von Randow

Can we address the "quantitative deficit" with service courses without losing a connection to substantive theory?
Peter Davis

A vision of ‘students and workers as comfortable with numbers as they are with words’. (British Academy, 2015)
Jackie Carter
S2 - Social media, network analysis and big data

Sutherland Room
Session Convenors: Robert Ackland, Australian National University Haris Memic, Australian National University

Analysing the anti-vaccination movement on Facebook: ‘big data’ methods at the intersection of natural language processing and social network analysis
Timothy John Graham, Naomi Smith, Robert Ackland

Contextualising the Implications of Emerging Technology for Defence: Creativity and Logic
Elena Mazourenko, Ase Jakobsson

Forecasting Civil Unrest Through Social Media: An Emerging Methodology
Dipak K. Gupta

S3 - Innovations in longitudinal data collection methodologies

MacCallum Room
Session Convenors: Joanne Corey, Australian Bureau of Statistics

How same is same enough? Using comparable variables from different datasets
Deborah Kikkawa, Helene Shin, Laura Bennetts Kneebone

Innovations in sample engagement for the Longitudinal Surveys of Australian Youth
Ronnie Semo, Chelsea Andrews

Event History Calendar (EHC) – a new methodology for adolescents in the Longitudinal Study of Australian Children (LSAC)
Jenny Ann Gallagher
S4 - An introduction to video reflexive ethnography (Workshop: Part 2)

Facilitators:
Dr Katherine Carroll, Mayo Clinic
Dr Aileen Collier, Flinders University
Dr Ann Dadich, Western Sydney University
Dr Su-yin Hor, University of Tasmania
Prof. Rick Iedema, Monash Centre for Health Research and Implementation
Dr Jessica Mesman, Maastricht University
Ms Mary Wyer, University of Tasmania

Chancellors Room
Video reflexive ethnography invites research participants to make sense of visual data they have a personal connection with. Reflexivity is distinct from reflection. While reflection merely asks, ‘What do I do?’, reflexivity positions the subject contextually in relation to the self, to others, and to the broader influences that shape behaviour. Drawing on different disciplinary perspectives, this workshop will explore the potential value of video reflexive ethnography for researchers who collect and interpret qualitative material. Using bona fide scholarly examples, the workshop will demonstrate the pragmatic use of this transformative methodology in a variety of contexts. The workshop will proceed in four parts over two sessions.

This session:

3. A Q&A session will afford participants the opportunity to clarify and critique their understandings of video reflexive ethnography, its theoretical bases, and its use

4. Participants will be invited to consider how they might harness the potential value of this transformative methodology to further their own research – when appropriate, this may involve small group discussion
Friday July 22, 2016

Friday 09:00 AM - 10:30 AM

S1 - Data Visualisation Tools

Holme Room

Session Convenors: Aila Khan, University of Western Sydney

Leximancer - Visualising Textual Data
Louise Young

AMOS – doing statistics visually, without the use of equations
Phillip John Stanton, Aila Khan

Embedding Personal Visualisation in Surveys
Aila Khan

S2 - Data archiving and management

Sutherland Room

Session Convenors: Steven McEachern, Australian Data Archive

Managing research data: integrating research practice with reporting and administrative workflows
Maude Frances

The Integrated Data Infrastructure: New Zealand’s Bold Data Experiment
Barry Milne

Data archives in theory and practice: a comparative analysis of Slovenia and Australia
Sebastian Kocar, Steven McEachern
S3 - Total Survey Error: challenges and practical solutions

Cullen Room

Session Convenors: Sonia Whiteley, The Social Research Centre

Cognitive Testing of Survey Instruments to reduce measurement error – real life examples  
Karen Kellard

Sample design effects in Australian educational surveys  
Martin Murphy

Analysis of Differential Item Functioning in Social Science Research using the Rasch Model  
Curt Hagquist, David Andrich

S4 - Why didn't I think of that? Tools and techniques to ignite your research creativity (Workshop: Part 1)

Facilitator: Jennifer Gippel

MacCallum Room

Where do great ideas come from? Creative research and innovation calls for breakthrough thinking—a blend of insight, imagination, analysis and action. This 3 hour interactive workshop provides a crash course in creativity and considers the following in relation to academic environments: what is creativity and creative research; the characteristics of creative people; the difference between creative and critical thinking and why we need both. Most of the workshop is about learning and practicing evidence based strategies that spark the imagination to help researchers move away from habitual thinking and doing, which often confines them to incremental research. Activities focus on techniques to unpack your assumptions, rethink your questions and bring an element of surprise into your research.
Friday 10:30 AM - 11:00 AM

Morning Tea
The Refectory

Friday 11:00 AM - 12:30 PM

S1 - Issues in Educational Research

Holme Room
Session Convenors: Shaun Wilson, Macquarie University

A critical reflection of using bi-lingual research assistants to conduct an outcome evaluation of education and training programs
Lisa Thomson

Online Learning as Treatment Effect: Innovation and Student Outcomes in First Year University
William Bernard Tyler

Problematic Activity in Educational Research
James Stephen Purkis
S2 - The Role and Benefit of Metadata Capture, Discovery and Harmonization in Survey Research

Sutherland Room

Session Convenors: Steven McEachern, Australian Data Archive

Standardized Metadata in Survey Research
Joachim Wackerow

Enabling Re-use of Metadata: an Institutional Context
Maude Frances, Arif Shaon

Making Metadata Perform: Metadata Creation from Past, Present and Future Projects
Heather Leasor, Janet McDougall, Steven McEachern

Leveraging Structured Metadata in Longitudinal Surveys
Barry T Radler

Metadata-driven Infrastructures for Panel Studies
Marcel Hebing

S3 - Total Survey Error: challenges and practical solutions

Cullen Room

Session Convenors: Sonia Whiteley, The Social Research Centre

National, large-scale surveys as 'marketing' campaigns: a case study of the Student Experience Survey
Sonia Whiteley

Experience and remuneration: interviewer effects in an Australian time series survey
Jill Sheppard, Nicholas Biddle, Shuvo Bakar
S4 - Why didn't I think of that? Tools and techniques to ignite your research creativity (Workshop: Part 2)

Facilitator: Jennifer Gippel

MacCallum Room

Where do great ideas come from? Creative research and innovation calls for breakthrough thinking—a blend of insight, imagination, analysis and action. This 3 hour interactive workshop provides a crash course in creativity and considers the following in relation to academic environments: what is creativity and creative research; the characteristics of creative people; the difference between creative and critical thinking and why we need both. Most of the workshop is about learning and practicing evidence based strategies that spark the imagination to help researchers move away from habitual thinking and doing, which often confines them to incremental research. Activities focus on techniques to unpack your assumptions, rethink your questions and bring an element of surprise into your research.

Friday 12:30 PM - 01:30 PM

Lunch

The Refectory
Plenary Session 3 and Conference Close: Rob Ackland

How is Big Data Changing the Nature and Practice of Social Science?

Rob Ackland - The Australian National University

Footbridge Theatre

Facilitator: Steven McEachern - The Australian National University
## Registrants (at time of printing)

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<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tr>
<td>Gina Aalgaard Kelly</td>
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<td>North Dakota State University</td>
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<td>Robert Ackland</td>
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<td>Gordana Bacic</td>
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<td>Nicholas Biddle</td>
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<td>Betsy Blunsdon</td>
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<td>Katherine Carroll</td>
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Thank you for your participation in the conference. Have a safe trip home.