



COMPASS

Building public
health capacity for
complex questions
complex settings
complex populations
complex interventions

Why complex interventions?

Course overview

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Context for the Short Course

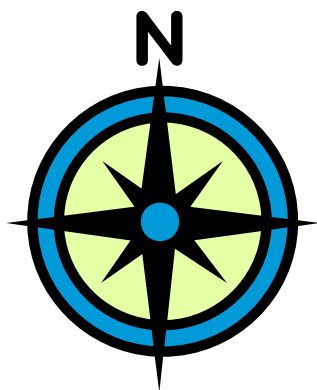
- NHMRC Capacity Building Grant in Population Health Research (MCHR, PCRU, MCRI)
- Focus on building public health research capacity
 - complex questions
 - complex settings
 - complex interventions
- **COMPASS** has a major interest in the health and care of mothers and children



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Why COMPASS?



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QUESTIONS

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SETTING

INTERVENTIONS



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What do we mean by complexity?

Complex public health problems

- Complex questions
 - how to conceptualise research for dealing with complex problems
- Complex settings
 - where do the problems come to light: hospitals, primary care, communities
- Population groups with complex issues (and often excluded from research)
 - Indigenous women
 - Immigrant and refugee women
 - Women experiencing IPV
- Complex interventions
 - Range of research designs and methods, multi-level, multi-component



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Research program focused on

Complex questions

- Maternal health
- Intimate partner violence
- Unwanted pregnancy
 - Preterm birth
- Cervical dysplasia
 - Depression
 - Breastfeeding
- Substance abuse

Complex settings

- Primary care
- Hospitals
- Communities

Population groups

- Women & children
- Indigenous communities
- Immigrants/refugees

Complex Interventions (well-designed & implemented)

- Community trials
- Multi-centre studies
- Multi-level interventions
 - Health service Evaluations
- Health economic evaluations

Supported by capacity building activities with the goal of enhancing research and improving public health outcomes



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Course objectives

We aim to provide a forum where participants can:

- Develop an appreciation of the challenges in designing, implementing and evaluating complex interventions in public health;
- Discuss and critically appraise the tools and models available for thinking about and implementing complex interventions;
- Participate in discussions with other researchers with past and current experience of complex interventions;
- Have an opportunity to present and discuss work in development or problems encountered, and receive feedback; and
- Develop capacity to participate in the design and conduct of complex interventions in important areas of public health endeavour.



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Course format and content

- Mixture of lectures, panel and group discussions, and participatory workshops sessions
- Across the three days, the focus will be on different aspects of:
 - design, implementation and evaluation of complex interventions
- And we'll have a focus on three complex public health problems:
 - depression; smoking; and obesity