

**A DESKTOP REVIEW OF ABORIGINAL HEALTH  
PUBLICATIONS FROM SELECTED SOURCES**

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**For**

**The Cooperative Research Centre for Aboriginal Health**

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# EXECUTIVE SUMMARY

## Introduction

The CRCAH is currently exploring options for a future entity to carry on the work of the CRCAH beyond June 2010. As part of this process, the CRCAH is exploring ways of developing a research agenda for any such new entity. The scope of this report is based on 12 identified Aboriginal health research providers, 12 identified priority research topics and a set of 6 questions.

### *Identified research providers*

- Menzies School of Health Research
- Melbourne University, Onemda VicHealth Koori Health Unit
- University of Queensland
- Sax Institute
- Telethon Institute for Child Health Research
- Flinders University
- Australian Institute of Aboriginal and Torres Strait Islander Studies
- Latrobe University
- Queensland Institute of Medical Research
- University of NSW, Muru Marri Indigenous Health Unit
- Charles Darwin University
- Baker Institute

### *Identified priority research topics*

- Life expectancy, morbidity and mortality – patterns and causes etc.
- Effectiveness of key policy instruments, such as Framework Agreements, Regional Plans.
- Primary health care expenditure; and methods for assessment of need
- Health care funding models
- Effectiveness and sustainability of community controlled health services
- Contribution of mainstream primary care services
- Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks
- Effective and (efficient) interventions in priority areas, including new MBS items
- Effective and (efficient) interventions in community-based health promotion
- Primary health care's contribution to resilience
- Workforce
- The social determinants of Aboriginal health

## ***Questions***

- Aboriginal health peer-reviewed research outputs in the past 5 years;
- Other Aboriginal health written research outputs in past 5 years
- Aboriginal health research projects underway and plans for the next 5 years
- Number of personnel currently involved in Aboriginal health research
- Priority of Aboriginal health research in organisation's strategic directions
- Current policy-relevant research in the 12 key topics or plans to be involved in policy-relevant research in any of these areas over the next 5 years

## **Summary of findings**

### ***What are the capacities and interests that potential research partners have to contribute?***

This desktop review of publications and research projects suggests that:

- All institutions are actively collaborating in their research endeavours which will continue to enhance capacity.
- There has been a predominance of clinical research compared to social action research, policy research and policy impact assessment type research.
- More recently, there is a trend towards research projects that contribute to building an understanding of the structural and political Indigenous health context. Much of the work in the areas of social determinants of health and related policies appears to have been supported in collaboration with the CRCAH.
- Those institutions that seem to have a commitment to a future program of research in this structural/policy domain include: Flinders University (various structural determinants), IATSIS (especially national policy review), Onemda (Victorian policy focus) and Muru Marri. These institutions also have a track record in social determinants research and capacity to carry a program of such research in future. The Telethon Institute's focus on Indigenous Health funding models appears to be a significant contribution in this domain, one that few others are pursuing with this scale of project. Sax Institute has largely focused on clinical areas but is interested in pursuing policy research in future.
- Menzies continues to be very active in the evaluation of particular health services and initiatives. The extent to which this work is influencing future health service delivery models and practices is a fertile area for future research, particularly if a synthesis could establish effective influencing strategies.
- Institutions with a clinical research focus include: Baker, Qld Institute of Medical Research, Menzies and Flinders University. Generally, those institutions have a community development and empowerment approach built into their research. This is most explicit in the instance of Muru Marri and Onemda.
- Flinders University appears to have strong capacity to cover a broad range of research topics and models in the area of Indigenous Health.

### ***What are the capacities that the Indigenous health sector has to contribute?***

- All 12 institutions support Indigenous trainees.
- This review included only a couple of Indigenous health organizations. There is evidence of increasing evidence of the community-based Indigenous health /research organizations

taking an action research approach and working in close collaboration with Indigenous people.

- Indigenous health research in the 12 institutions appears to be dominated by non-Indigenous researchers. However, there is a pattern of those researchers often working closely with Indigenous people and communities in ways that build capacity and create community benefits.
- The research capacity and products of Flinders University and Maru Marri stand out in the area of building Indigenous health workforce capacity. Maru Murri is actively involved in sponsorship of Indigenous researchers and health professionals.
- While the research agenda of Sax Institute has largely focused on clinical areas, an interest in broader policy research leading to reforms in the health system appears to be an area of interest for future research.

### ***How can these capacities be strengthened?***

- Of the 12 research areas across the 12 institutions, the least amount of research is occurring in the following areas:
  - Effective health care expenditure models – this should be related to policy research and consider impact assessment approaches. The NHMRC longitudinal R&D being undertaken through Muru Marri could be an important input to this type of research program.
  - Effectiveness of community controlled health care models/approaches
  - Ill-health prevention/resilience – there is definitely an opportunity to develop a future research agenda that develops preventative strategies based on the learning from the existing body of social determinants and policy research.
- There may be a case for improving policy research models to ensure that key policy processes and decision-makers are engaged and that research/policy timeframes are better coordinated. This comment is based, in part, on this review and the fact that in most fields it has been challenging to effectively implement social action research in the policy domain in ways that have real influence on outcomes.
- Throughout this document, a few key researchers appear many times and across institutions. Collaborations are necessary and beneficial. It may also be necessary to adopt a mentoring and championing program for researchers to develop a greater number of ‘star performers’ in this field.
- More effort could be directed to developing Indigenous health workers across the board and to training and incentives to support retention of health professionals in Indigenous communities, particularly remote communities.
- Menzies is active in the evaluation of particular health services and initiatives. The extent to which this work is influencing future health service delivery models and practices is a future area for future research, particularly if a synthesis could establish effective influencing strategies.

# INTRODUCTION

The CRCAH is currently exploring options for a future entity to carry on the work of the CRCAH beyond June 2010. As part of this process, the CRCAH is exploring ways of developing a research agenda for any such new entity. A growing body of evidence is available to help inform the strategic priorities upon which a new entity such as a National Institute of Aboriginal Health Research could focus. This evidence, combined with stakeholder priority setting and considerations of feasibility and capacity, will enable a new entity to take an increasingly well-informed approach to targeting research to achieve greatest impact.

## Background

The principles behind a strategic research priority approach for a new entity include:

Getting the research focus right to ensure that research makes a difference to Aboriginal health.

That development of the research agenda for the new entity should use a range of priority setting analyses including the:

- Analysis of the Indigenous disease burden
- WHO CDSH social determinants framework
- Assessment of research priorities emerging from the current CRC research agenda

That industry (Community, Service providers and policy makers) be asked to identify the key gaps in knowledge required to close the Indigenous health gap.

That a feasibility analysis be undertaken to identify the current capacity to address identified research priorities

That a life cycle approach be used to draw together the research priorities into a framework that identifying points in the life cycle (e.g. pregnancy, infancy, adolescence, middle-age) where intervention may have the greatest impact on subsequent health status.

The steps the CRCAH is undertaking to identify the major programs of work for a new entity include:

Identifying those health conditions or other factors that the evidence indicates have greatest affect on Aboriginal health status.

Examining the results of and gaps in existing CRCAH work to identify other areas of research need.

Developing a life cycle approach (drawing on existing models such as those described here) in order to frame the research agenda in terms of interventions over the life cycle.

Gather information about the current and likely future priorities of policy makers and the Aboriginal health sector and apply this filter to the work above.

Apply a feasibility filter (based on research capacity and methodological or contextual feasibility).

This report relates specifically to the part of work that involves identifying the current and likely future capacity for Indigenous health research amongst the major institutions carrying out such work.

2. To carry out a desk audit, and follow-up interviews to determine the capacity for Indigenous health research amongst those research modelling on that carry out significant amounts of Indigenous health research.
3. To prepare a draft report that brings together various components of work underway within the CRCAH about the development of a research agenda for a new entity.
4. Additional work as negotiated.

## **Scope of Report**

- The scope of this report is based on 12 identified Aboriginal health research providers, 12 identified priority research topics and a set of 6 questions.

### ***Identified research providers***

- Menzies School of Health Research
- Melbourne University, Onemda VicHealth Koori Health Unit
- University of Queensland
- Sax Institute
- Telethon Institute for Child Health Research
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- Latrobe University
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- University of NSW, Muru Marri Indigenous Health Unit
- Charles Darwin University
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### ***Identified priority research topics***

- Life expectancy, morbidity and mortality – patterns and causes etc.
- Effectiveness of key policy instruments, such as Framework Agreements, Regional Plans.
- Primary health care expenditure; and methods for assessment of need
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- Aboriginal health peer-reviewed research outputs in the past 5 years;
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## **Report Structure**

This report is prepared in three sections:

1. Publications of 12 key research institutes with an Aboriginal health research focus;
2. Current and recent research projects undertaken by or in collaboration with the 12 key research institutes with an Aboriginal health research focus;
3. Additional information on each of the 12 key research institutes with an Aboriginal health research focus in response to the 6 questions posed by the CRCAH.

## **Approach**

The information in this report was generated through a limited desktop process of trawling the websites of each of the identified 12 key research institutes with an Aboriginal health research focus. Particular attention was given to identifying current research directions and relevant publications. The lists may however not be complete records of research and publications for those institutes considered.

It must be noted that where the tables have blank spaces next to particular outputs for specific institutions, this does not necessarily indicate that the institution does not have outputs or capacity in this area. It may simply be that the required information was not available or easily accessible through the institution's website in September-October 2008.

## SECTION 1 PUBLICATIONS 2003-08

This section lists publications of 12 key research institutes with an Aboriginal health research focus. The publications are listed to correspond with the 12 priority research topics identified by the CRAH and listed above.

**TABLE 1a Morbidity and mortality, policy review, primary health care expenditure and needs assessment**

<i>Institution</i>	<i>Life expectancy, morbidity and mortality – patterns and causes etc.</i>	<i>Effectiveness of key policy instruments</i>	<i>Primary health care expenditure; and methods for assessment of need</i>
<b>Menzies School of Health Research</b>	Thomas DP, Condon JR, Anderson IP, Li SQ, Halpin S, Cunningham J, Guthridge SL. Long-term trends in Indigenous deaths from chronic diseases in the Northern Territory: a foot on the brake, a foot on the accelerator. <i>Med J Aust</i> 2006; 185(3):145-149.	Bailie RS, Robinson GW, Kondalsamy-Chennakesavan S, Halpin S, Wang Z. Investigating the sustainability of outcomes in a chronic disease treatment program. <i>Soc Sci Med</i> 2006; 63:1661-1670. Bailie RS. Clinical outcomes associated with changes in a chronic disease treatment program in an Australian Aboriginal community. <i>Med J Aust</i> 2006; 185(3):180-181. Gray N, Bailie R. Can public health legislation improve health in remote Aboriginal communities in the Northern Territory? <i>Environmental Health</i> 2006; 6(1):31-42. Lavis JN, Davies HTO, Gruen RL. Working within and beyond the cochrane collaboration to make systematic reviews more useful to healthcare managers and policy makers. <i>Healthcare Policy</i> 2006; 1(2):21-33. Jamieson LM, Sayers SM. Letter : Indigenous health research—changes in 60 years. <i>Aust N Z J Public Health</i> 2006; 30(4):385-387	Duangsonk K, Gal D, Mayo M, Hart CA, Currie BJ, Winstanley C. Use of a variable amplicon typing scheme reveals considerable variation in the accessory genomes of isolates of <i>Burkholderia pseudomallei</i> . <i>J Clin Micro</i> 2006; 44(4):1323-1334.
<b>Melbourne University, Onemda VicHealth Koori Health Unit</b>	Anderson, I., Crengle, S., Leialoha Kamaka, M., Chen, T. H., Palafox, N. & Jackson-Pulver, L. 2006, 'Indigenous Health in Australia, New Zealand, and the Pacific', <i>The Lancet</i> , vol. 367(9524), pp. 1775–85. Freemantle, C. J., Read, A. W., de Klerk, N. H., McAullay, D., Anderson, I. P. & Stanley, F. J. 2006, 'Sudden Infant Death Syndrome and Unascertainable Deaths: Trends and disparities among Aboriginal and non-Aboriginal infants born in Western Australia from 1980 to 2001 inclusive', <i>Journal of Paediatrics and Child Health</i> , vol. 42(7), pp. 445–51. Freemantle, C. J., Read, A. W., de Klerk, N. H., McAullay, D., Anderson, I. P. & Stanley, F. J. 2006, 'Patterns, Trends, and Increasing Disparities in Mortality for	Alford, K. A. & Muir, J. 2004, 'Dealing with Unfinished Indigenous Business: The need for historical reflection', <i>Australian Journal of Public Administration</i> , vol. 63 (4), pp.101–07. Anderson, I. P. 2004, 'Recent Developments in National Aboriginal and Torres Strait Islander Health Strategy', <i>Australia and New Zealand Health Policy</i> , vol. 1, pp. 1–7. Atun, R., Baeza, J. I., Drobniewski, F., Levicheva, V. & Coker, R. 2005, 'Implementing WHO DOTS strategy in the Russian Federation: Stakeholder attitudes', <i>Health Policy</i> , vol. 74 (2), pp. 122–32. Baeza, J. I. & Cunningham, J. 2005, 'An "Experiment" in Indigenous Social Policy: The rise and fall of Australia's Aboriginal and Torres Strait Islander Commission (ATSIC)', <i>Policy and Politics</i> , vol. 33(3), pp. 461–73. Day, S. E. A., Alford, K. A., Dunt, D. R., Peacock, S. J., Gurrin, L. C. & Voaklander, D. 2005, 'Strengthening Medicare: Will increasing the bulk-billing rate and supply of general practitioners increase access to Medicare-funded general practitioner services and does rurality matter?', <i>Australia and New Zealand Health Policy</i> , vol. 2(18), pp. 1–10. Gillam, L. H. & Pyett, P. M. 2003, 'A Commentary on the NHMRC "Draft Values and Ethics in Aboriginal and Torres Strait Islander Health Research" ', <i>Monash Bioethics</i>	Anderson, I. P., Clarke, A., Otim, M. E., Renhard, R. & Andrews, S. 2002, 'Linking Acute Care to a Strategy for Improving Aboriginal Health', <i>Australian Health Review</i> , vol. 25(5), pp. 118–28. Anderson, I. & Simmons, S. 1999, 'HIV Prevention and Aboriginal Primary Health Care', <i>Health Promotion Journal of Australia</i> , vol. 9(1), pp. 44–8. McCoy, B. 2006, 'Healers, Clinics and Aboriginal People: Whose health and who benefits?', <i>Health Issues</i> , no. 86, pp. 13–16.

<b>Institution</b>	<b>Life expectancy, morbidity and mortality – patterns and causes etc.</b>	<b>Effectiveness of key policy instruments</b>	<b>Primary health care expenditure; and methods for assessment of need</b>
<b>Melbourne University, Onemda VicHealth Koori Health Unit</b>	<p>Aboriginal and Non-Aboriginal Infants Born in Western Australia, 1980–2001: Population database study’, <i>The Lancet</i>, vol. 367(9524), pp. 1758–66.</p> <p>Paradies, Y. C. &amp; Stevens, M. 2005, ‘Conceptual Diagrams in Public Health Research’, <i>Journal of Epidemiology &amp; Community Health</i>, vol. 59 (12), pp. 1012–13.</p> <p>Rowley, K. &amp; Anderson, I. P. (in press), ‘[Editorial:] Urban Indigenous Health’, <i>Internal Medicine Journal</i>.</p> <p>Thomas, D. P., Condon, J. R., Anderson, I. P., Li, S. Q., Halpin, S. J., Cunningham, J. &amp; Guthridge, S. L. 2006, ‘Long-term Trends in Indigenous Deaths from Chronic Diseases in the Northern Territory: A foot on the brake, a foot on the accelerator’, <i>Med J Aust.</i>, vol. 185, pp. 145–9.</p>	<p><i>Review</i>, vol. 22 (4), pp. 8–19.</p> <p>Kelaher, M., Dunt, D., Anderson, I. P. &amp; Thomas, D. 2005, ‘Comparison of the Uptake of Health Assessment Items for Aboriginal and Torres Strait Islander People and other Australians: Implications for policy’, <i>Australia and New Zealand Health Policy</i>, vol. 2 (21), pp. 1–23 (available at <a href="http://www.anzhealthpolicy.com/">http://www.anzhealthpolicy.com/</a>).</p> <p>Loff, B. &amp; Anderson, I. 2000, ‘Aboriginal Reconciliation. Still a long way to go’, <i>Lancet</i>, vol. 355, p. 2067.</p> <p>Lutschini, M. 2005, ‘Engaging with Holism in Australian Aboriginal Health Policy: A review’, <i>Australia and New Zealand Health Policy</i>, vol. 2, p. 15.</p> <p>Smylie, J., Anderson, I., Crengle, S. &amp; Anderson, M. 2006, ‘Indigenous Health Performance Measurement Systems in Canada, Australia, and New Zealand’, <i>The Lancet</i>, vol. 367(9527), pp. 2029–31.</p>	
<b>University of Queensland</b>	<p>Denali G, Vander Hoorn S, Lopez AD, Ezzati M. 2005. The causes of cancer in the world: comparative risk assessment of nine behavioural and environmental risk factors. <i>Lancet</i>, 366: 1784-93. <i>First major reassessment of the major causes of cancer worldwide since the pioneering work of Doll and Peto in 1980.</i></p> <p>Hill K, Barker B, Vos T. Excess Indigenous mortality: are Indigenous Australians more severely disadvantaged than other Indigenous populations? <i>International Journal of Epidemiology</i>. 2007 Apr 3;36:580-9.</p> <p>Vos T, Barker B, Stanley L and Lopez AD 2007. The burden of Disease and Injury in Aboriginal and Torres Strait Islander Peoples. Brisbane: School of Population Health, The University of Queensland.</p>		

<b>Institution</b>	<b>Life expectancy, morbidity and mortality – patterns and causes etc.</b>	<b>Effectiveness of key policy instruments</b>	<b>Primary health care expenditure; and methods for assessment of need</b>
<b>Sax Institute</b>		<p>Darzi A. High quality care for all: NHS Next Stage review final report [Online].</p> <p>Doran T, Fullwood C, Kontopantelis E, Reeves D. Effect of financial incentives on inequalities in the delivery of primary clinical care in England: analysis of clinical activity indicators for the quality and outcomes framework. <i>Lancet</i>. 2008 August 30;372:728-736.</p> <p>Van Der Weyden MB. Health policy and reform: gathering the evidence. <i>Med J Aust</i>. 2008 August 4;189:169-170.</p> <p>Department of Health. 2008 June 8.</p>	<p>Duckett S, Daniels S, Kamp M, Stockwell A, Walker G, Ward M. Pay for performance in Australia: Queensland's new Clinical Practice Improvement Payment. <i>J Health Serv Res Policy</i>. 2008 July 3;13:174-177.</p>
<b>Telethon Institute</b>			
<b>Flinders University</b>	<p>PATEL, N., WEBB, K., WHITE, D., BARKER, L., CROSBY, A., DEBERRY, M., FRAZIER, L., KARCH, D., LIPSKIY, N., SHAW, K., STEENKAMP, M. &amp; THOMAS, S. (2006) 'Homicides and suicides – national violent death reporting system, United States 2003-2004', <i>Morbidity and Mortality Weekly Report</i>, 55, (26), 721-724.</p>	<p>KUIPERS, P., HUMPHREYS, J.S., WAKERMAN, J., WELLS, R., JONES, J. &amp; ENTWISTLE, P. (2008). Collaborative review of pilot projects to inform policy: A methodological remedy for pilotitis? <i>Australian and New Zealand Journal of Health Policy</i>. 5, 17</p> <p>STEENKAMP, M., FRAZIER, L., LIPSKIY, N., DEBERRY, M., THOMAS, S., BARKER, L. &amp; KARCH, D. (2006) 'The national violent death reporting system: an exciting new tool for public health surveillance', <i>Injury Prevention</i>, 12, (Suppl 11), ii3-ii5.</p> <p>WAKERMAN, J. (2005) Australia's health challenge. Sifting through the evidence – is Aboriginal health getting worse?, <i>From the Margins to the Centre – ACOSS 2004 Congress Papers</i>, Paper 139, Alice Springs: Australian Council of Social Service.</p> <p>WAKERMAN, J &amp; DAVEY C 2008 Rural and Remote Health Management: The Next Generation Is Not Going To Put Up With This (2008) <i>Australian Pacific Journal of Health Management</i>.</p> <p>WAKERMAN, J 2008 Rural and Remote Public Health in Australia Building on Our Strengths (2008) <i>Australian Journal of Rural Health</i> 16 (2): 52-55</p> <p>WAKERMAN, J. &amp; HUMPHREYS, J. (In press) 'Rural and remote health – definitions, policy and priorities', <i>Textbook of Rural Health</i>.</p> <p>WAKERMAN, J., HUMPHREYS, J., WELLS, R., KUIPERS, P., ENTWISTLE, P., JONES, J., (under review) Primary health care delivery models in rural and remote Australia – a systematic review <i>BMC Health Services Research</i>.</p>	<p>WAKERMAN, J., HUMPHREYS, J., WELLS, R., KUIPERS, P., ENTWISTLE, P. &amp; JONES, J. (2007) 'Designing sustainable primary health care systems for rural and remote Australia', <i>Australian Resource Centre for Healthcare Innovations (ARCHI) Net News</i> (July), 3.</p> <p>WILLIAMS, A., &amp; CHALMERS, E., (2008) An Evaluation Plan for Dilthan Yolngunha - A Report for the Yothu Yindi Foundation. Centre for Remote Health April 2008.</p>
<b>AIATSIS</b>		<p>Arabena, Kerry 2005. Not Fit for Modern Australian Society: Aboriginal and Torres Strait Islander people and the new arrangements for the administration of Indigenous affairs. Research Discussion Paper No. 16. AIATSIS Canberra.</p> <p>Arabena, Kerry and K. Mikhailovich. 2005. Evaluating an Indigenous Sexual Health Peer Education Program, <i>Health Promotion Journal of Australia</i>.</p> <p>Arabena, Kerry (2007) 'Medicare and Major Health Programs Report, March-April 2007', Mainstream Access Section Office for the Aboriginal and Torres Strait Islander Health, Canberra.</p>	

<b><i>Institution</i></b>	<b><i>Life expectancy, morbidity and mortality – patterns and causes etc.</i></b>	<b><i>Effectiveness of key policy instruments</i></b>	<b><i>Primary health care expenditure; and methods for assessment of need</i></b>
<b>AIATSIS</b>		<p>Australian Institute of Aboriginal and Torres Strait Islander Studies and The Australian Collaboration 2007, Organising for success, Policy report, Successful strategies in Indigenous organizations, National Library of Australia Cataloguing-in Publication, Finlayson, Julie.</p> <p>Northern Territory. Dept. of Health and Community Services. Systems Performance and Aboriginal Policy Unit, 2007, Aboriginal cultural security: an outline of the policy and its implementation</p> <p>Scrimgeour, Margaret, 2008, Health care access for Aboriginal and Torres Strait Islander People living in urban areas, and related research issues : a review of the literature Cooperative Research Centre for Aboriginal Health</p> <p>Wayte, K., R. Bailie, N. Gray and G. Henderson. 2005): Framework for Research on Aboriginal Health and the Physical Environment, paper presented with. At the CRAH Social Determinants Workshop, Flinders University, 5-6 July 2004.</p>	
<b>Latrobe University</b>		<p>Barraclough, S (2006) Review of: Gauld, R., Comparative health policy in the Asia Pacific, <i>Australian and New Zealand Journal of Public Health</i>, Vol. 30, No. 6, pp.583-583.</p> <p>Lin, V, L'Orange, H &amp; Silburn, K (2006) Using gender-sensitive health indicators to help achieve equity and equality in mainstream policy development and programme delivery, <i>Development Bulletin</i>, Vol. 71 pp.49-54.</p>	
<b>QLD Institute of Medical Research</b>			
<b>University of NSW, Muru Marri Indigenous Health Unit</b>	<p>Supramanian R, Grindley H, Pulver LJ. Cancer mortality in Aboriginal people in New South Wales, Australia, 1994-2002. <i>Aust N Z J Public Health</i>, 2006 Oct; 30 (5): 453-6</p>	<p>Anderson I, Crengle S, Leialoha Karnaka M, Chen T, Palafox N, Jackson Pulver L*. 'Indigenous health in Australia, New Zealand, and the Pacific.' <i>The Lancet</i>, May 2006:367:1775-1785</p>	
<b>Charles Darwin University</b>	<p>Cotter, P., Anderson, I., &amp; Len, S. (2007). Indigenous Australians: Ageing without longevity? In Borowski, A., Ozanne, E., &amp; Encel., Sol. (eds.), <i>Longevity and Social Change in Australia</i>. Sydney: UNSW Press</p> <p>Wilson, T., Condon, J., &amp; Barnes, T. (2007). Northern Territory life expectancy. <i>Australia and New Zealand Journal of Public Health</i>, 31(2), 184-188</p>	<p>Harris, A., &amp; Robinson, G. (2007). The Aboriginal mental health worker program: the challenge of supporting Aboriginal involvement in mental health care in the remote community context. <i>Australian e-Journal for the Advancement of Mental Health</i>, 6(1), 1-11</p>	
<b>Baker Institute</b>			

**TABLE 1b Community controlled health services, mainstream primary care services, strategies to reduce risk behaviours, interventions in priority areas**

	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
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	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
<b>Menzies School of Health Research</b>		<p>Meumann E, Novak RT, Gal D, Kaestli ME, Mayo M, Hanson JP, Spencer E, Glass MB, Gee JE, Wilkins PP, Currie BJ. Clinical evaluation of a type III secretion system real-time PCR assay for diagnosing melioidosis. <i>J Clin Micro</i> 2006; 44(8):3028-3030.</p> <p>Novak RT, Glass MB, Gee JE, Gal D, Mayo MJ, Currie BJ, Wilkins PP. Development and evaluation of a real-time PCR assay targeting the Type III secretion system of <i>Burkholderia pseudomallei</i>. <i>J Clin Microbiol</i> 2006; 44(1):85-90.</p> <p>O'Leary MA, Isbister GK, Schneider JJ, Brown SG, Currie BJ. Enzyme immunoassays in brown snake (<i>Pseudonaja spp.</i>) envenoming: Detecting venom, antivenom and venom-antivenom complexes. <i>Toxicol</i> 2006; 48:4-11.</p> <p>O'Neil SE, Heinrich TK, Hales BJ, Hazell LA, Holt DC, Fischer K, Thomas WR. The chitinase allergens Der p 15 and Der p 18 from <i>Dermatophagoides pteronyssinus</i>. <i>Clinical and Experimental Allergy</i> 2006; 36:831-839.</p> <p>Vesaratchavest M, Tumapa S, Day NPJ, Wuthiekanun V, Chierakul W, Holden MTG, White J, Currie BJ, Spratt BG, Feil EJ, Peacock SJ. Nonrandom distribution of <i>Burkholderia pseudomallei</i> clones in relation to geographical location and virulence. <i>J Clin Micro</i> 2006; 44(7):2553-2557.</p>	<p>2006; online article.</p> <p>Isbister GK, Murray L, John S, Hackett LP, Haider T, O'Mullane P, Gosselin S, Daly F. Amisulpride deliberate self-poisoning causing severe cardiac toxicity including QT prolongation and torsades de pointes. <i>Med J Aust</i> 2006; 184(7):354-356.</p> <p>Ivers RG, Castro A, Parfitt D, Bailie RS, Richmond RL, d'Abbs PH. The role of remote community stores in reducing the harm resulting from tobacco to Aboriginal people. <i>Drug Alcohol Rev</i> 2006; 25(3):195-199.</p> <p>Ivers RG, Castro A, Parfitt D, Bailie RS, d'Abbs PH, Richmond RL. Evaluation of a multi-component community tobacco intervention in three remote Australian Aboriginal communities. <i>Aust N Z J Public Health</i> 2006; 30(2):132-136.</p> <p>Leung NY, Whyte IM, Isbister GK. Baclofen overdose: Defining the spectrum of toxicity. <i>Emerg Med Austral</i> 2006; 18:77-82.</p> <p>Ralph A, Raines M, Rode J, Currie BJ. Histoplasmosis in Aboriginal patients from Australia's tropical Northern Territory: one probable and one confirmed case. <i>Trans Royal Soc Trop Med Hyg</i> 2006; 100:888-890.</p> <p>Smith-Vaughan H, Byun R, Nadkarni M, Jacques NA, Hunter N, Halpin S, Morris PS, Leach AJ. Measuring nasal bacterial load and its association with otitis media. <i>BMC Ear, Nose and Throat Disorders</i> 2006; 6(10).</p>	<p>Currie BJ, Carapetis JR. B-cell antigen D8/17 is a marker of rheumatic fever susceptibility in Aboriginal Australians and can be tested in remote settings. <i>Med J Aust</i> 2006; 184(10):507-510.</p> <p>Hengge UR, Currie BJ, Jager G, Lupi O, Schwartz RA. Scabies: a ubiquitous neglected skin disease. <i>Lancet</i> 2006; 6: 769-779.</p> <p>Kelly PM, Ardian M, Waramori G, Anstey NM, Syahrial H, Tjitra E, Bastian I, Maguire GP, Lumb R. A community based TB drug susceptibility study in Mimika District, Papua, Indonesia. <i>Int J Tuberc Lung Dis</i> 2006; 10(2):167-171</p> <p>Kosaisavee V, Suwanarusk R, Nosten F, Kyle DE, Barrends M, Jones J, Price R, Russell B, Lek-Uthai U. <i>Plasmodium vivax</i>: Isotopic, PicoGreen, and microscopic assays for measuring chloroquine sensitivity in fresh and cryopreserved isolates. <i>Experimental Parasitology</i> 2006; 114:34-39.</p> <p>Lopansri BK, Anstey NM, Stoddard GJ, Mwaikambo ED, Boutlis CS, Tjitra E, Maniboey H, Hobbs MR, Levesque MC, Weinberg JB, Granger DL. Elevated plasma phenylalanine in severe malaria: implications for pathophysiology of neurological complications. <i>Infect Immun</i> 2006; 74(6):3355-3359.</p> <p>Mackerras D, Garnggulkpuy J, Maypilama E, Bundhala L, Dhurrkay R, Fitz J, Maple-Brown L, Shemesh T, Rowley KG, O'Dea K. Leanness and type 2 diabetes in a population of indigenous Australians. <i>Diabetes Res Clin Pract</i> 2006; 72(1):93-99</p> <p>McDonald MI, Towers R, Andrews RM, Bengner N, Currie BJ, Carapetis JR. Low rates of streptococcal pharyngitis and high rates of pyoderma in Australian Aboriginal communities where acute rheumatic fever is hyperendemic. <i>Clin Infect Dis</i> 2006; 43(6):683-689.</p> <p>McDonald M, Currie B, Dougall A, Holt D,</p>

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<b>Menzies School of Health Research</b>				2006; 75(4):683-687.
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<b>University of Queensland</b>		<p>Eley, D., Young, L., Hunter, K., Baker, P., Hunter, E. and Hannah, D. (2007) Perceptions of mental health service delivery among staff and Indigenous consumers: it's still about communication. <i>Australasian Psychiatry</i>, 15 2: 130-134</p> <p>Haswell-Elkins, M., Mcgrath, V., Moore, M. R., Satarug, S., Walmbly, M. and Ng, J. C. (2007) Exploring potential dietary contributions including traditional seafood and other determinants of urinary cadmium levels among indigenous women of a Torres Strait Island (Australia). <i>Journal of Exposure Science and Environmental Epidemiology</i>, 17 3: 298-306.</p> <p>Santhanam, R, Hunter, E M M, Wilkinson, Y., Whiteford, H and McEwan, (2006) Care, Community, Capacity: Rethinking mental health services in remote Indigenous settings. <i>Australian Journal of Primary Health</i>, 12 2: 51-56.</p>	<p>Eley, D., Hunter, K., Young, J L, Baker, P. G., Hunter, E. M. M. and Hannah, D. (2006) Tools and methodologies for investigating the mental health needs of Indigenous patients: it's about communication. <i>Australasian Psychiatry</i>, 14 1: 33-37</p> <p>Haswell-Elkins, M. R., Imray, P., Satarug, S., Moore, M. R. and O'Dea, K. (2007) Urinary excretion of cadmium among Torres Strait Islanders (Australia) at risk of elevated dietary exposure through traditional foods. <i>Journal of Exposure Science and Environmental Epidemiology</i>, 17 4: 372-377.</p> <p>Lowe, J. B., Saeck, S.L., Carmont, S., Clavarino, A. M., Stanton, W. R., Balanda, K.P., Shannon, C. A, Margolis S, Ypinazar V, Muller R. The impact of supply reduction through alcohol management plans on serious injury in remote indigenous communities in remote Australia: A ten-year analysis using data from the royal flying doctor service. <i>Alcohol and Alcoholism</i> 2007 (doi:10.1093/alcalc/agm152).</p> <p>Schlesinger CM, Ober C, McCarthy MM, Watson JD, Seinen A. The development and validation of the Indigenous Risk Impact Screen (IRIS): a 13-item screening instrument for alcohol</p>	<p>Chan LCK, Ware R, Kesting J, Marczak M, Good D, Shaw JTE. Short term efficacy of a lifestyle intervention programme on cardiovascular health outcome in overweight Indigenous Australians with and without type 2 diabetes mellitus – The healthy lifestyle programme (HELP). <i>Diabetes Research and Clinical Practice</i>. 2007 Jan;75(1):65-71.</p> <p>Chan LC, Ware RS, Kesting J, Marczak M, Good D, Shaw JT. Association Between Anthropometric Measures of Obesity and Insulin Resistance in a Self-Selected Group of Indigenous Australians. <i>Heart Lung Circ</i>. 2007</p> <p>Hazel, T. J., Hill, P S Renal disease in the Aboriginal Community of Woorabinda Australian Journal of Rural Health, Vol. 14, pp. 20 – 23 Blackwell Publishing Asia.</p>

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<b>University of Queensland</b>			and drug and mental health risk. Drug and Alcohol Review. 2007 Mar;26(2):109-17.	
<b>Sax Institute</b>		Collin S, Reeves BC, Hendy J, Fulop N, Hutchings A, Priedane E. Implementation of computerised physician order entry (CPOE) and picture archiving and communication systems (PACS) in the NHS: quantitative before and after study. <i>BMJ</i> . 2008;337:a939  Hodnett ED, Stremler R, Willan AR, Weston JA, Lowe NK, et al. Effects of birth outcomes of a formalised approach to care in hospital labour assessment units: international, randomised controlled trial. <i>BMJ</i> . 2008;337:a1021.  Kehdi EE, Cordato DJ, Thomas PR, Beran RG, Cappelen-Smith C, Griffith NC, et al. outcomes of patients with transient ischaemic attack after hospital admission or discharge from the emergency department. <i>Med J Aust</i> . 2008;189:1-12.		
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<b>Flinders University</b>		<p>FLEMING, J. (2008) Using ICF-Environment factors to enhance the continuum of outpatient ABI rehabilitation: An exploratory study. <i>Disability and Rehabilitation</i> (epub ahead of print).</p> <p>SALTZMAN, L. E., BASILE, K. C., MAHENDRA, R. R., STEENKAMP, M., INGRAM, E. &amp; IKEDA, R. (2007) 'National estimates of sexual violence treated in emergency departments', <i>Annals of Emergency Medicine</i>, 49, (2), 210-217.</p> <p>SHEPHERD, F., BATTYE, K. &amp; CHALMERS, E. (2003) 'Improving access to cardiac rehabilitation for remote Indigenous clients', <i>Australian and New Zealand Journal of Public Health</i>, 27, (6), 632-636.</p> <p>SHERWOOD, J. (2005) 'Mental health issues from an Indigenous perspective', <i>Aboriginal &amp; Islander Health Worker Journal</i>, 29, (3), 28-29.</p> <p>STEENKAMP, M. &amp; ROSE, J. (2006) <i>Evaluation of the Alice Springs after hours practice</i>, Alice Springs: Centre for Remote Health.</p> <p>TAYLOR, V., EWALD, D., LIDDLE, H. &amp; WARCHIVKER, I. (2003) <i>Review of the implementation of the national Aboriginal and Torres Strait Islander eye health program</i>, Canberra: Department of Health and Ageing.</p> <p>VALERY, P. C., TORZILLO, P. J., BOYCE, N. C., WHITE, A. V., STEWART, P. A., WHEATON, G. R., WAKERMAN, J., CHALMERS, E. M., HUMPHREYS, J. S., CLARENCE, C. L., BELL, A. I., LARSON, A., LYLE, D. &amp; PASHEN, D. R. (2005) 'Sustainable chronic disease management in remote Australia', <i>Medical Journal of Australia</i>, 183, (10), S64-S68.</p> <p>VAUGHAN, F. &amp; WAKERMAN, J. (2007) Evaluation of a model for the provision of pharmacy services to remote Aboriginal health services, Alice Springs: Centre for Remote Health.</p>		<p>G. R., PURDIE, D. M., WAKERMAN, J. &amp; VALERY, P. C. (2006) 'Zinc and vitamin A supplementation in Indigenous Australian children hospitalised with lower respiratory tract infection: a randomised controlled trial', <i>Medical Journal of Australia</i>, 184, (3), 107-112.</p> <p>EWALD, D. P., HALL, G. V. &amp; FRANKS, C. C. (2003) 'An evaluation of a SAFE-style trachoma control program in Central Australia', <i>Medical Journal of Australia</i>, 178, (2), 65-68.</p> <p>JOHNSTON, F. H., MORRIS, P. S., SPEARE, R., MCCARTHY, J., CURRIE, B., EWALD, D., PAGE, W. &amp; DEMPSEY, K. (2005) 'Strongyloidiasis – a review of the evidence for Australian practitioners', <i>Australian Journal of Rural Health</i>, 13, (4), 247-254.</p> <p>MCDONALD, M., BROWN, A. D., EDWARDS, T., HOPE, A., AMU, M., MOREY, F., CURRIE, B. J. &amp; CARAPETIS, J. R. (2007) 'Apparent contrasting rates of pharyngitis and pyoderma in regions where rheumatic heart disease is highly prevalent', <i>Heart, Lung and Circulation</i>, 16, (4), 254-259.</p> <p>PURDIE, D. M., WAKERMAN, J. &amp; CHANG, A. B. (2005) 'Zinc and vitamin A supplementation in Australian Indigenous children with acute diarrhoea; a randomised controlled trial', <i>Medical Journal of Australia</i>, 182, (10), 530-535</p> <p>THOMPSON, C. &amp; VAUGHAN, F. (2006) 'Strongyloides infections in remote Indigenous communities', <i>Australian Pharmacist</i>, 25, (8), 638-40.</p> <p>VAUGHAN, F. &amp; THOMPSON, C. (2004) 'Diabetes – an Aboriginal perspective', <i>Australian Pharmacist</i>, 23, (7), 527-529.</p> <p>WANG, Z., KNIGHT, S., WILSON, A., ROWLEY, K. G., BEST, J. D., MCDERMOTT, R., LEONARD, D., SHAW, J. E. &amp; O'DEA, K.</p>

	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
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<b>Charles Darwin University</b>	Bailie, R., Si, D., Downden, M., O’Donoghue, L., Connors, C., Robinson, G., Cunningham, J., & Weeramanthri, T. (2007). Improving organisational systems for diabetes care in Australian Indigenous communities. <i>BMC Health Services Research</i> , 7, 67	Si, D, Bailie, R., Cunningham, J., Robinson, G., Downden, M., et.al. (2008). Describing and analysing primary health care system support for chronic illness care in Indigenous communities in Australia’s Northern Territory – use of the Chronic Care Model. <i>BMC Health Services Research</i> 8 (112).		
<b>Baker Institute</b>				

**TABLE 1c Community-based health promotion , Primary health care’s contribution to resilience Workforce, Health care funding models, social determinants**

	<i>Effective interventions in Community-based health promotion</i>	<i>Primary health care’s contribution to resilience</i>	<i>Workforce</i>	<i>Health care funding models</i>	<i>Social determinants</i>
<b>Menzies School of Health Research</b>	<p>Gruen RL, Buchan H, Davies J, Mayhew A, Grimshaw JM. Editorial : A new EPOC in Australian health research. <i>Med J Aust</i> 2006; 184(1):4-5.</p> <p>Gruen RL, Bailie RS, Wang Z, Heard S, O’Rourke IC. Specialist outreach to isolated and disadvantaged communities: a population-based study of referrals, access and outcomes. <i>Lancet</i> 2006; 368(9530):130-138.</p>	<p>Mackerras D. Breastfeeding in Indigenous Australians. <i>Nutrition &amp; Dietetics</i> 2006; 63:5-7</p>			<p>Bailie RS, Wayte KJ. Housing and health in Indigenous communities: Key issues for housing and health improvement in remote Aboriginal and Torres Strait Islander communities. <i>Aust J Rural Health</i> 2006; 14(5):178-183.</p> <p>Bailie RS, Wayte KJ. A continuous quality improvement approach to Indigenous housing and health. <i>Environmental Health</i> 2006; 6(1):34-39.</p> <p>Daniel M, Brown A, Dhurrkay JG, Cargo MD, O’Dea K. Mastery, perceived stress and health-related behaviour in northeast Arnhem Land: a cross-sectional study. <i>Int J Equity Health</i> 2006; 5:10.</p> <p>Gray N, Bailie R. Can human rights discourse improve the health of Indigenous Australians? <i>Aust N Z J Public Health</i> 2006; 30(5):448-452.</p> <p>Paradies Y. A review of psychosocial stress and chronic disease for 4<sup>th</sup> world indigenous peoples and African Americans. <i>Ethn Dis</i> 2006; 16(1):295-308.</p> <p>Paradies, Y. 2006, ‘A Review of Psychosocial Stress and Chronic Disease for th World Indigenous Peoples and African Americans’, <i>Ethnicity and Disease</i>, vol. 16(1) pp. 295–308.</p>
<b>Melbourne University, Onemda VicHealth Koori Health Unit</b>					<p>Paradies, Y. C. 2005, ‘Affirmative Action and Equity in Aboriginal and Torres Strait Islander Health’, <i>Medical Journal of Australia</i>, vol. 183 (5), pp. 269–70.</p> <p>Paradies, Y. C. 2005, ‘Anti-Racism and Indigenous Australians’, <i>Analyses of Social Issues and Public Policy</i>, vol. 5 (1), pp. 1–28.</p>
<b>University of Queensland</b>	<p>Vlack S, Foster R, Menzies R, Williams G, Shannon C, Riley I. Immunisation coverage of Queensland Indigenous two-year-old</p>		<p>Arkles RS, Hill P, Pulver LR. Overseas-trained doctors in Aboriginal and Torres Strait Islander health services: many unanswered questions. <i>Medical Journal of Australia</i>. 2007 186(10):528-30.</p>	<p>Crump B, and Landefeld CS, Shojania KG, Auerbach AD. Head to head: Should we use large scale</p>	<p>Hunter, E. M. M. and Tsey, K. (2003) Setting strategic directions in mental health policy and practice: the challenge of understanding and addressing the social determinants. <i>Australasian Psychiatry</i>, 11 Supplement: 1-5</p>

	<i>Effective interventions in Community-based health promotion</i>	<i>Primary health care's contribution to resilience</i>	<i>Workforce</i>	<i>Health care funding models</i>	<i>Social determinants</i>
<b>University of Queensland</b>	children by cluster sampling and by register. Australian and New Zealand Journal of Public Health. 2007 Feb;31(1):67-72.			healthcare interventions without clear evidence that benefits outweigh costs and harms? BMJ. 2008;336:1276-1277. Imison C, Naylor C, Maybin J. Under one roof. Will polyclinics deliver integrated care? [Online] The King's Fund. 2008.	Hunter, E. (2007) Disadvantage and discontent: A review of issues relevant to the mental health of rural and remote Indigenous Australians. <i>Australian Journal of Rural Health, 15</i> 2: 88-93 Shannon C, Leon D, Marks G. Queensland Aboriginal and Torres Strait Islander Food and Nutrition Strategy, a report to Queensland Health, Brisbane. 2007.
<b>Sax Institute</b>					
<b>Telethon Institute</b>				CAMPBELL, D., DAVIES, J. & WAKERMAN, J. (2007) <i>Realising economies in the joint supply of health and environmental services in Aboriginal Central Australia</i> , Alice Springs: Desert Knowledge Cooperative Research Centre. DUNBAR, J. A., HICKIE, I. B., WAKERMAN, J. & REDDY, P. (2007) 'New money for mental health: will it make things better for rural and remote Australia?' <i>Medical Journal of Australia</i> , 186, (11), 587-589. WARCHIVKER, I. & MITCHELL, J. (2003) <i>Wangka Wilurarra governance proposal: a report on governance</i> ,	

	<i>Effective interventions in Community-based health promotion</i>	<i>Primary health care's contribution to resilience</i>	<i>Workforce</i>	<i>Health care funding models</i>	<i>Social determinants</i>
<b>Telethon Institute</b>				<i>service delivery and financial models</i> , Alice Springs: Centre for Remote Health.	
<b>Flinders University</b>	<p>WRIGHT, S., ROSER, J., SMITH, S., GAULD, S., KUIPERS, P. &amp; KENDALL, M. (2007). The Brain Crew: An evolving support programme for children who have parents or siblings with an acquired brain injury. <i>The Journal of Cognitive Rehabilitation</i>. 25, 3.</p>		<p>FARTHING, A., JENSEN, H. &amp; URBAN, M. (2006) <i>Allied health professionals – a good life for old people and people with disabilities living in remote communities</i>, Alice Springs: Centre for Remote Health</p> <p>GLYNN, R. &amp; KREFTING, L. (2006) <i>Course development process and outcomes and course evaluation – community based rehabilitation; primary health care for people with disabilities – a Rural Health Support, Education and Training (RHSET) Project Report</i>, Alice Springs: Centre for Remote Health.</p> <p>GLYNN, R. (2003) <i>Continuing education needs of allied health professionals in Central Australia</i>, Alice Springs: Centre for Remote Health.</p> <p>GRUNDY, J. &amp; JOHNSTON, F. (2003) 'Building research capacity in primary health care settings in the Northern Territory', <i>Australian Journal of Primary Health</i>, 9, (1), 9-17.</p> <p>HUMPHREYS, J. S., WAKERMAN, J., WELLS, R., <b>KUIPERS, P.</b>, JONES, J. &amp; ENTWISTLE, P. (In press) 'Beyond workforce: a systemic solution for health service provision in small rural and remote communities', <i>Medical Journal of Australia</i>. 188 (8 Suppl): S77-S80</p> <p>HUMPHREYS, J. S., WAKERMAN, J., WELLS, R., <b>KUIPERS, P.</b>, JONES, J., ENTWISTLE, P. &amp; HARVEY, P. (In press) <i>Improving primary health care workforce retention in small rural communities – how important is ongoing education and training?</i>, Canberra: Australian Primary</p>		<p>BROWN, A. D., MORRISSEY, M. J. &amp; SHERWOOD, J. M. (2006) 'Uncovering the determinants of cardiovascular disease among Indigenous people', <i>Ethnicity and Health</i>, 11, (2), 191-210.</p> <p>BOWMAN, D. M. J. S. &amp; JOHNSTON, F. H. (2005) 'Wildfire smoke, fire management and human health', <i>EcoHealth</i>, 2, (1), 76-80.</p> <p>BURGESS, C. P., JOHNSTON, F. H., BOWMAN, D. M. J. S. &amp; WHITEHEAD, P. (2005) 'Healthy country, healthy people?' <i>Australian and New Zealand Journal of Public Health</i>, 29, (2), 117-122.</p> <p>CURTIS, A. (2005) 'Indigenous research – a personal perspective', <i>Australian Family Physician</i>, 34, (10), 886.</p> <p>FOSTER, D., MITCHELL, J., ULRIK, J. &amp; WILLIAMS, R. (2005) <i>Population and mobility in the town camps of Alice Springs: a report prepared by Tangentyere Council Research Unit</i>, Alice Springs: Desert Knowledge Cooperative Research Centre.</p> <p>MORRISSEY, M. (2003) 'Poverty and Indigenous health', <i>Health Sociology Review</i>, 12, (1), 17-30.</p> <p>MORRISSEY, M. (2003) 'The social determinants of Indigenous health: a research agenda', <i>Health Sociology Review</i>, 12, (1), 31-44.</p> <p>MORRISSEY, M., PE-PUA, R., BROWN, A. &amp; LATIF, A. (2004) <i>Culture as a determinant of Aboriginal health</i>, Darwin: Cooperative Research Centre for Aboriginal Health</p> <p>MITCHELL, J., PEARCE, R., STEVENS, M., TAYLOR, J. &amp; WARCHIVKER, I. (2005) <i>Indigenous populations and resource flows in Central Australia: a social and economic baseline</i></p>

	<i>Effective interventions in Community-based health promotion</i>	<i>Primary health care's contribution to resilience</i>	<i>Workforce</i>	<i>Health care funding models</i>	<i>Social determinants</i>
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<b>Queensland Institute of Medical Research</b>					Ezzati M, vander Hoorn S, Lawes CMM, Leach R, James WPT, Lopez AD, Rodgers A, Murray CJL 2005. Rethinking the "diseases of affluence" paradigm: multiple nutritional risk factors in relation to economic development. <i>Public Library of Science (PloS):Medicine</i> , 2 (5): e133. First ever cross-national analysis of how nutritional risk factors change with economic development, refuting the commonly held belief that all physiological risks rise with economic growth.

	<i>Effective interventions in Community-based health promotion</i>	<i>Primary health care's contribution to resilience</i>	<i>Workforce</i>	<i>Health care funding models</i>	<i>Social determinants</i>
<b>University of NSW, Muru Marri Indigenous Health Unit</b>			<p>Arkles RS, Hill PS &amp; Jackson Pulver LR. Overseas-trained doctors in Aboriginal and Torres Strait Islander health services: many unanswered questions. <i>MJA</i>, 2007; 186 (10): 528-530.</p> <p>Barawul Yana: Better strategies for the recruitment, retention and support of Indigenous medical students in Australia – A NSW Report. September 2007. A community report has also been prepared.</p> <p>Drysdale M, Faulkner S &amp; Chesters J (Eds) (2006). <i>Footprints Forwards: Better strategies for the recruitment, retention and support of Indigenous medical students</i>, Monash University School of Rural Health, Moe.</p> <p>Rose M, Jackson Pulver LR*. 'Providing Aboriginal Health Workers with qualifications to match their health promotion roles.' <i>Health Promotion Journal of Australia</i>, 2004;15;3:240-4.</p>		<p>Blignault I*, Jackson Pulver L*, Guthrie J* &amp; Eisenbruch M. 'Defining and Counting Cultural Diversity: Progress in the Australian Health Sector'. Paper presented at Transformations: Culture and the Environment in Human Development, Canberra, 7-9 February 2005.</p> <p>Blignault I*, Coulbeck R, Fitzgerald MH &amp; Eisenbruch M. 'Cultural diversity in the ethical statements of health research institutions: a five country perspective'. Paper presented at Ethics in Human Research Conference, Canberra, 12-13 May 2005.</p> <p>Jackson Pulver LR*, Fitzpatrick SA*. 'Sitting round the table of rights-based reconciliation: a health perspective.' <i>Health Promotion Journal of Australia</i> 2004;15;3:193-9.</p> <p>Stephanou M, Blignault I*, Coulbeck R &amp; Eisenbruch M. 'The role of interpreters and translators in supporting inclusive health research.' Paper presented at Ethics in Human Research Conference, Canberra, 12-13 May 2005.</p>
<b>Charles Darwin University</b>	<p>Si, D., Bailie, R., Downden, M., O'Donoghue, L., Connors, C., Robinson, G., Cunningham, J., et al. (2007). Delivery of preventive health services to Indigenous adults: response to a systems-oriented primary care quality improvement intervention. <i>Medical Journal of Australia</i>, 187(8), 453-457</p>				<p>Bailie, R., Robinson, G. (2007). Strengthening behavioural interventions for Indigenous health. <i>Paediatric and Child Health</i>, 43, 201-202</p> <p>Lea T. (2008). Housing for Health in Indigenous Australia: Driving change when research and policy are part of the problem. <i>Human Organization</i>, 67 (1).</p> <p>Lea T. (2008). Bureaucrats and bleeding hearts: Indigenous health in Northern Australia. <i>UNSW Press</i>, Sydney</p>
Baker Institute					

## SECTION 2      CURRENT AND RECENT RESEARCH PROJECTS UNDERTAKEN BY OR IN COLLABORATION WITH THE 12 KEY RESEARCH INSTITUTES

**TABLE 2a      Current research/programs: Morbidity and mortality, policy review, primary health care expenditure and needs assessment**

<i>Institution</i>	<i>Life expectancy, morbidity and mortality – patterns and causes etc.</i>	<i>Effectiveness of key policy instruments</i>	<i>Primary health care expenditure; and methods for assessment of need</i>
<b>Menzies School of Health Research</b>	Predictors of cardiovascular disease mortality in the Melbourne Collaborative Cohort Study Click <a href="#">here</a> for more details.		Development and evaluation of a primary health care model to prevent dental decay in Aboriginal pre-school children “Strong Teeth for Little Kids” (STLK. Click <a href="#">here</a> to read more.
<b>Melbourne University, Onemda VicHealth Koori Health Unit</b>		Developing and Evaluating Health Policy A National Indigenous Public Health Curriculum Framework 2008-10-27 A National Indigenous Public Health Curriculum Framework, September 2007 CDAMS Indigenous Health Curriculum Framework, August 2004 Economics and Indigenous Australian Health Workshop, June 2005	Expenditure on Health Services for Aboriginal and Torres Strait Islander People in the Loddon Mallee Region of Victoria, 2004 The Knowledge Economy and Aboriginal Health Development by Ian Anderson 2008
<b>University of Queensland</b>	<b>Men, Women and Ageing: Predictors of ageing well in the ALWSH and the Perth Health in Men Study</b> (NHMRC/ARC Strategic Awards – Ageing well, Ageing Productivity), <i>Dobson, A., Jamrozik J., Norman, Almeida, Flicker, Brown, Pachana, N., Hankey, G</i>		The Global Burden of Disease 2007 Project (collaboration with Harvard and Johns Hopkins Universities and WHO) (Gates Foundation), <i>Lopez, A., Vos, T.</i>  The Population Health Metrics Research Consortium Project (collaboration with Harvard and Johns Hopkins Universities) (Gates Grand Challenge in Health, #13), <i>Lopez, A., Rao, C.</i>  Building Capacity in Health Economic Evaluation, (NHMRC), <i>Doran, C., Carter, R., Richardson, J., Barendregt, J., Lim, S., Coelli, T., Evans, D., Vos, T.</i>  Burden of disease and cost-effectiveness of intervention options: Informing policy decisions and health system reform in Thailand (NHMRC/Wellcome Trust International Collaborative Research Grant), <i>Lopez, A., Phoolcharoen, W., Vos, T., Porapakkham, Y., Richardson, J., Punyaratabandhu, P.</i>  Guiding intervention choices to reduce health costs, health inequalities and improve the health of Australians: avoidable diseases burden and cost-effectiveness of prevention (NHMRC Health Services Research Grant), <i>Vos, T., Carter, R., Lopez, A.,</i>

<i>Institution</i>	<i>Life expectancy, morbidity and mortality – patterns and causes etc.</i>	<i>Effectiveness of key policy instruments</i>	<i>Primary health care expenditure; and methods for assessment of need</i>
			<i>Doran, C., Wilson, A., Anderson, I.</i>
<b>Sax Institute</b>		Where is the healthcare research to assist Australia's Health policy reform? The next stage of NHS reform: the Lord Darzi review Pay for Performance begins in Australia The pros and cons of co-locating healthcare services: lessons from the UK	Should we implement large scale healthcare interventions without evidence they work?
<b>Telethon Institute</b>	Population Sciences Program Grant	Whole of Government Strategic Framework for Indigenous Generational Change	Proposed Statewide Aboriginal Mental Health Service Consultancy St. John of God Health Care Collaboration (Pilbara SWSBSC Evaluation) Western Australian Aboriginal Child Health Survey (WAACHS) Wheatbelt Aboriginal Health Service Evaluation
<b>Flinders University</b>			
<b>AIATSIS</b>			
<b>Latrobe University</b>			
<b>Queensland Institute of Medical Research</b>	Successfully ageing into the future: understanding dementia in Aboriginal and Torres Strait Islander communities (2007 ongoing) <i>Assoc Prof G Garvey, Assoc Prof P O'Rourke (QIMR), J Phillips, N Franks, B Meiklejohn (QUT), Assoc Prof D Gorman (USQ), V Curnow (Alzheimer's Australia), Prof J Abbey, Dr S Sacre (CRC Dementia)</i>		
<b>University of NSW, Muru Marri Indigenous Health Unit</b>			
<b>Charles Darwin University</b>			
<b>Baker Institute</b>			

**TABLE 2b Community controlled health services mainstream primary care services strategies to reduce risk and Effective and (efficient) interventions in priority areas**

<i>Institution</i>	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
<b>Menzies School of Health Research</b>		<p>The EarInfonet Project – A National Indigenous Ear Health and Hearing Web Resource and Network. Click <a href="#">here</a> to read more.</p> <p>PneuMum: Immunising Aboriginal mothers with pneumococcal polysaccharide vaccine to prevent infant ear disease and pneumococcal carriage. Click <a href="#">here</a> to read more.</p> <p>Vaccine interactions between 7-valent pneumococcal conjugate vaccine, Prevenar, and the scheduled diphtheria, tetanus and pertussis (DTP) and Haemophilus influenzae type b (Hib) vaccines, in Tiwi infants (VISIT = Vaccine Interaction Study in the Tiwi)Click <a href="#">here</a> to read more.</p> <p>Cognitive &amp; Mental Health Assessment at the Darwin Correctional Centre (DCC)</p> <p>Relapse prevention in remote Indigenous mental health.</p> <p>AIMHI Project. Click <a href="#">here</a> to go to AIMHI home page.</p> <p>Cognitive and Menatal Assessment at the Darwin Correctional Centre.</p> <p>Barriers to optimal management of IHD and associated risk factors and co-morbidities for people living in Central Australia. Click <a href="#">here</a> for more details.</p>	<p>Brain Function Recovery after petrol Sniffing. Park A Short term recovery and comparison with alcohol and other drugs.</p> <p>Brain Function Recovery after Petrol Sniffing part B: A follow-up of people who were chronic petrol sniffers 14 years ago.</p> <p>Sniffing and the Brain: Resource Development.</p> <p>The Mental Health Brain Story: Resource Development.</p> <p>Cannabis and depression in three Aboriginal communities in Arnhem Land, Northern Territory.</p> <p>A randomised trial of fish and fruit to improve survival of Aboriginal people with end stage renal disease. Click <a href="#">here</a> for more details.</p> <p>How do you learn the intricate “community development” dance in changing cannabis behaviours of young people in a remote Aboriginal community. Click <a href="#">here</a> for more details.</p>	<p>Wave 3 follow-up of Aboriginal birth cohort adolescents. Click <a href="#">here</a> to read more.</p> <p>Diabetes risk markers in Wave 3 of the Aboriginal Birth Cohort Study. Click <a href="#">here</a> to read more.</p> <p>Cardiovascular risk factors in Aboriginal Birth cohort adolescents. Click <a href="#">here</a> to read more.</p> <p>Risk of heart disease for Aboriginal adolescents. Click <a href="#">here</a> to read more.</p> <p>Investigation of oral health among Aboriginal people involved in a longitudinal study. Click <a href="#">here</a> to read more.</p> <p>Hepatitis B immunity in Indigenous and “at risk” children who received hepatitis B vaccination in infancy. Click <a href="#">here</a> to read more.</p> <p>Invasive Acinetobacter infection in the tropical NT. Click <a href="#">here</a> to read more.</p> <p>Implications of bacterial load for vaccine efficacy and antibiotic treatment outcomes in high-risk populations (BLOOM = Bacterial load on outcomes of otitis media). Click <a href="#">here</a> to open.</p> <p>Pneumococcal surveillance in the Northern Territory: Implications of vaccination and mass treatment programs (MARS – Monitoring antibiotic resistance and serotypes).Click <a href="#">here</a> to read more.</p> <p>A prospective study of Aboriginal children with bronchiectasis or chronic moist cough with or without CXR infiltrates : an international multicentre study (Bronchiectasis Observational Study – BOS). Click <a href="#">here</a> to read more.</p> <p>Immunogenicity of 7-valent pneumococcal conjugate vaccine (Prevenar) in Tiwi infants (PARTI = Pneumococcal Antibody Responses in Tiwi infants)&gt; Click <a href="#">here</a> to read more.</p> <p>Ciprofloxacin versus Sofradex use in runny ears (C-SURE). Click</p>



<i>Institution</i>	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
<p><b>Menzies School of Health Research</b></p>				<p>Defining the epidemiology and burden of malaria in Papua, Indonesia. Click <a href="#">here</a> to read more.</p> <p>New treatments for multidrug resistant strains of Plasmodium falciparum and P. vivax. Click <a href="#">here</a> to read more.</p> <p>In vitro and molecular studies of multidrug resistant malaria. Click <a href="#">here</a> to read more.</p> <p>Can arginine be used to help treat malaria? Click <a href="#">here</a> to read more.</p> <p>Does nitric oxide protect against lung injury in malaria? Click <a href="#">here</a> to read more.</p> <p>Genes protecting from severe malaria. Click <a href="#">here</a> to read more.</p> <p>Severe disease from Plasmodium vivax. Click <a href="#">here</a> to read more.</p> <p>Tuberculosis (TB) and health sector studies in Timor Leste. Click <a href="#">here</a> to read more.</p> <p>Understanding the pathophysiology of sepsis. Click <a href="#">here</a> to read more.</p> <p>Understanding cellular immune responses to malaria. Click <a href="#">here</a> to read more.</p> <p>Microbiology consultancy in Papua New Guinea : “Randomised Controlled Trial of Safety, Immunogenicity and Carriage Outcomes of a Neonatal Pneumococcal Conjugate Vaccine Schedule”. Click <a href="#">here</a> to read more.</p> <p>Nutritional interventions to improve TB treatment outcomes in Papua, Indonesia and related studies. Click <a href="#">here</a> to read more.</p> <p>Mathematical modelling of streptococcal disease. Click <a href="#">here</a> to read more.</p> <p>Melioidosis clinical and diagnostic studies in the Northern Territory. Click <a href="#">here</a> to read more.</p> <p>Molecular studies of <i>Burkholderia pseudomallei</i> Molecular Epidemiology of <i>Trichophyton rubrum</i> Click <a href="#">here</a> to read more.</p> <p>MRSA in the Top End – clinical and epidemiological aspects. Click <a href="#">here</a> to open.</p>

<i>Institution</i>	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
<p><b>Menzies School of Health Research</b></p>				<p>Using real-time PCR to detect the ecological niches of the melioidosis bacteria <i>Burkholderia pseudomallei</i> in endemic tropical Australia. Click <a href="#">here</a> to open.</p> <p>Presence of the Melioidosis bacterium in bore water in rural Darwin blocks. Click <a href="#">here</a> to open.</p> <p>Surveillance for emerging infectious diseases. Click <a href="#">here</a> to open.</p> <p>Clinical studies of melioidosis in Thailand. Click <a href="#">here</a> to open.</p> <p>Controlling rheumatic heart disease in Australia and globally. Click <a href="#">here</a> to open.</p> <p>Epidemiology of group A streptococcal diseases in Fiji. Click <a href="#">here</a> to open.</p> <p>Development of a diagnostic assay to identify acute rheumatic fever. Click <a href="#">here</a> to open.</p> <p>Characterisation of immune responses to <i>Sarcoptes scabiei</i> cysteine proteases, Group 1 allergen homologues, in scabies. Click <a href="#">here</a> to open.</p> <p>Molecular diagnosis of ivermectin resistance mechanisms in scabies mites from northern Australia. Click <a href="#">here</a> to open.</p> <p>Molecular Epidemiology of <i>Trichophyton rubrum</i>. Click <a href="#">here</a> to open.</p> <p>Can skin sores cause acute rheumatic fever? Click <a href="#">here</a> to open.</p> <p>The development of an immunodiagnostic assay for scabies. Click <a href="#">here</a> to open.</p> <p>Healthy Skin Program. Click <a href="#">here</a> to open.</p> <p>Australian Leishmania Lifecycle Investigation. Click <a href="#">here</a> to open.</p> <p>Investigating the molecular basis of emerging drug resistance in scabies mites. Click <a href="#">here</a> to open.</p> <p>The role of T cells in the allergic type response to scabies. Click <a href="#">here</a> to open.</p> <p>Biochemical markers of dietary intake and links to risk of</p>

<i>Institution</i>	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
				<p>cardiovascular disease . Click <a href="#">here</a> for more details.</p> <p>How serious a cardiovascular disease risk factor is type 2 diabetes for Indigenous Australians?. Click <a href="#">here</a> for more details.</p> <p>Novel risk factors for cardiovascular disease. Click <a href="#">here</a> for more details.</p> <p>Non-invasive assessment of cardiovascular disease: Impact of Type 2 diabetes and the metabolic syndrome. Click <a href="#">here</a> for more details.</p> <p>What is the healthy body mass index range for Aboriginal and Torres Strait Islander Peoples? . Click <a href="#">here</a> for more details.</p> <p>The DRUID Study: Diabetes and Related disorders in Urban Indigenous people in the Darwin region. Click <a href="#">here</a> for more details.</p> <p>Comparison of the quality and outcomes of secondary prevention for Indigenous and Non-Indigenous patients after Acute Coronary Syndromes in the Northern Territory. The Central Australian Secondary Prevention of ACS (CASPA) Study. Click <a href="#">here</a> for more details.</p> <p>Predicting heart disease in Aboriginal and Torres Strait Islander Peoples. Click <a href="#">here</a> for more details.</p>
<b>Melbourne University, Onemda VicHealth Koori Health Unit</b>		Evaluation of Health Services, Programs and Interventions for Aboriginal People	Develop and evaluate interventions or programs to reduce risk factors for ear infections in Koori children	Koori Kids' Ears and Health, July 2006
<b>University of Queensland</b>				
<b>Sax Institute</b>				
<b>Telethon Institute</b>		Rio Tinto Child Health Partnership	Pilbara Substance Use Reduction Chevron Australia Partnership (AEDI Implementation) – Indigenous Australian Early Development Index (I-AEDI)	
<b>Telethon</b>				

<i>Institution</i>	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
<b>Institute</b>			Newborn Asthma and Parental Smoking Project (NAPS) Starting on Track: The Pilbara AEDI Initiative Staying on Track: Reducing Substance Use Western Australian Aboriginal Child Health Survey	
<b>Flinders University</b>				
<b>AIATSIS</b>				The National Trachoma and Eye Health Program History Project: An Aboriginal Perspective, Researchers: Gordon Briscoe, Jilpia Nappalhari Jones, and Leila Smith
<b>Latrobe University</b>			Indigenous Futures: Sex, drugs and medications Petrol Sniffing; Social Pathways and Desert Practice – Australian Professional Society on Alcohol and Other Drugs (APSAD) Conference, Cairns 5-8 November 2006	HIV Futures Tamil Nadu HIV Futures V HIV Futures: Indigenous cohort report
<b>Queensland Institute of Medical Research</b>  <b>Queensland Institute of Medical</b>				Cancer diagnosis, treatment and survival in Indigenous compared with non-Indigenous Australians treated in public hospitals <i>P Valery, J Stirling, A Green (QIMR) M Coory (University of Queensland)</i> Clinical trial of zinc and vitamin A supplementation in Australian Indigenous children with acute diarrhoea and pneumonia <i>P Valery (QIMR), A Chang (Alice Springs Division, Flinders University NT Clinical School), P Torzillo (RPAH Medical Centre), A Leach (Menzies School of Health Research), J Wakerman (Centre for Remote Health), and A White (Remote Health/Paediatrics/Medicine)</i> Group B Streptococcus rapid PCR test optimization and evaluation and Indigenous Non Indigenous Group B

<i>Institution</i>	<i>Effectiveness and sustainability of community controlled health services</i>	<i>Contribution of mainstream primary care services</i>	<i>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</i>	<i>Effective and (efficient) interventions in priority areas, including new MBS items</i>
<b>Research</b>				<p>Colonisation/Prevalence Comparison Study  <i>K Taylor (QIMR), C Knox (QUT), W Munckhof (PA Hospital), K Sriprakash (QIMR), P Valery (QIMR), J Stirling (QIMR)</i></p> <p>Bronchiectasis in Indigenous Children  <i>INTERNATIONAL COLLABORATION OF BRONCHIECTASIS NETWORK</i></p> <p>Arctic Investigations Program – CDC, Alaska, US – R Singleton, T Thomas, Menzies School of Health Research, Darwin, Australia – P Morris, A Leach, Northern Territory Health Service, Alice Springs, Australia – R Roseby, A White, Queensland Institute of Medical Research, Brisbane, Australia – PC Valery, J Stirling, Starship Children’s Hospital, Auckland, New Zealand – EA Edwards, CA Byrnes, Royal Children’s Hospital, Brisbane, Australia – AB Chang, IB Masters, J Masel, Royal Darwin Hospital, Darwin, Australia – P Bauert, Royal Prince Alfred Hospital, Sydney, Australia – PJ Torzillo, University of Washington School of Medicine, Seattle, US – G Redding, Wellington School of Medicine and Health Sciences, Wellington, New Zealand – K Grimwood, J Murdoch, P Leadbitter</p> <p>Obesity, Metabolic Syndrome and Diabetes type 2 in children in the Torres Strait, PhD Candidate A Moloney (QIMR), P Valery(QIMR), A Green (QIMR), A Sinha (Qld Health), A Cotterill (Mater Children’s Hospital)</p>
<b>University of NSW, Muru Marri Indigenous Health Unit</b>				<p>Indigenous Ageing and Cognition Study – Aboriginal Health and Ageing Brief</p> <p>The burden of dementia in urban dwelling Indigenous Australians?</p> <p>The Gudaga Project: Understanding the health, development and service use of Aboriginal children in an urban environment 2008- Health status and development among Aboriginal infants in an urban community.</p> <p>‘Filling the Gap’ Indigenous Dental Program</p>
<b>Charles Darwin</b>				

<i><b>Institution</b></i>	<i><b>Effectiveness and sustainability of community controlled health services</b></i>	<i><b>Contribution of mainstream primary care services</b></i>	<i><b>Effective (and efficient) strategies to reduce risk behaviours, including the costs and benefits of health checks</b></i>	<i><b>Effective and (efficient) interventions in priority areas, including new MBS items</b></i>
<b>University</b>				
<b>Baker Institute</b>				

**Table 2c: Current research in areas of *Community-based health promotion, resilience, workforce and social determinants***

<i>Institution</i>	<i>Community-based health promotion</i>	<i>Primary health care's contribution to resilience</i>	<i>Workforce</i>	<i>Social Determinants</i>
<b>Menzies School of Health Research</b>	A study of Danshukai and self help groups in Japan.		Reducing the burden of infectious disease in young Aboriginal children: An evidence-based multidisciplinary approach. Click <a href="#">here</a> to open.	Strong Souls Study. Men, Hearts and Minds: Exploring the link between psychosocial stress, depression and coronary heart disease in Indigenous men from Central Australia. Click <a href="#">here</a> for more details.
<b>Melbourne University, Onemda VicHealth Koori Health Unit</b>	Aboriginal Community Development and Health Capacity Building for Aboriginal Health Research	Aboriginal Health Research and Ethics Victorian Aboriginal Ethics Project Report, November 2005	Professional Training and Practice	Social Determinants of Aboriginal Health The Aboriginal & Torres Strait Islander Hospital Accreditation Project Community Report, June 2004
<b>University of Queensland</b>				Understanding and influencing physical activity to improve population health (NHMRC Program Grant), <i>Owen, N, Bauman, A., Brown., W</i> Monitoring the health and well-being of ex-prisoners in Australia – A longitudinal data linkage study (NHMRC Preventive Healthcare and Strengthening Australia's Social and Economic Fabric Strategic Award), <i>Kinner, S., Lennox, N., Alati, R., Boyle, F., Jamrozik, K., Vlack, S., Haswell-Ekins, M., Taylor, D., Williams, G.</i>
<b>Sax Institute</b>		The Study of Environment of Aboriginal Resilience and Child Health (SEARCH). Will follow around 2000 urban Aboriginal children from 800 families who attend Aboriginal Medical Services in NSW over many years to explore the determinants of health and to trial strategies to improve health outcomes.  Test the feasibility of conducting research to prevent type II diabetes in Aboriginal adults.		

<i>Institution</i>	<i>Community-based health promotion</i>	<i>Primary health care's contribution to resilience</i>	<i>Workforce</i>	<i>Social Determinants</i>
<b>Telethon Institute</b>	From the Ground Up: Working with Communities in the South-West			Indigenous Capacity Building Grant
<b>Flinders University</b>				
<b>AIATSIS</b>				Indigenous Health Citizenship Project, <b>Researcher:</b> <a href="#">Kerry Arabena</a> . This project outlines a model of the 'Universal Citizen', and uses a framework that connects Indigenous philosophies with ecological perspectives to underpin strategies for living into the twenty-first century. The framework synthesises the relationships between Indigenous and ecological knowledge, place and sustainable citizen states in Australia. Adolescent Health Civil Societies Gross Domestic Happiness: Translating Possibilities Reproductive Management: Impact on Indigenous Women's Health and Societies The Muuji Regional Centre for Social and Emotional Wellbeing Project The Winnunga Nimmityjah Aboriginal Health Service Prison Project
<b>Latrobe University</b>				Indigenous gay men and the experience of homophobia and sexual violence The Winnunga Nimmityjah Aboriginal Health Service Prison Project
<b>Queensland Institute of Medical Research</b>				
<b>University of NSW, Muru Marri Indigenous Health Unit</b>			Footprints to the future: strategies for recruiting Indigenous medical students Barawul Yana: Better strategies for the recruitment, retention and support of Indigenous medical students in Australia – A NSW Report	An Overview of the Current Knowledge of the Social Determinants of Indigenous Health
<b>Charles Darwin University</b>				
<b>Baker Institute</b>				

## SECTION 3

### **Additional information on each of the 12 key research institutes with an Aboriginal health research focus in response to the 6 questions posed by the CRCAH**

#### **MENZIES SCHOOL OF HEALTH RESEARCH**

##### **Approach**

- MSHR has been working alongside Aboriginal people to develop community-based interventions to reduce the risk and impact of diabetes and related chronic diseases in Aboriginal communities with the goal of bolstering Aboriginal people to be active participants in their own health, rather than passive recipients of health, by educating the community on healthy lifestyle options.
- The focus of the interventions has been to improve the quality of diets, increase physical activity and reduce smoking, while fostering a rich spiritual life.

##### **Major research divisions:**

- Child Health
- Healing and Resilience
- International Health
- Tropical and Emerging Infectious Diseases
- Preventable Chronic Diseases
- Services, Systems and Society.

##### **Staff**

- Approximately 180 staff
- Researchers work in over 40 communities across the Northern Territory

##### **Budget**

- Budget of over \$17 million

##### **Projects**

- Approximately 50 current research projects.
- Potential Research Projects

###### *Physical and social environments*

Environmental health – Ross Bailie (Ross.Bailie@menzies.edu.au)

Analysis of data from the Housing Improvement and Child Health (HICH) Study. This includes data relating to the environmental, social and economic circumstances of adults and children living in 11 communities across the NT where there have been major infrastructure projects conducted over the past year or so.

*Development of tools to support implementation of evidence based and continuous quality improvement approaches to improving environmental health in Aboriginal and Torres Strait Islander communities.*

Social environments – Joan Cunningham (joan.cunningham@menzies.edu.au)

Analysis of data from the 2002 National Aboriginal and Torres Strait Islander Social Survey (NATSISS) on a range of topics

*Health-related services, systems and policies*

Health services – Ross Bailie (ross.bailie@menzies.edu.au)

Various projects relating to the Audit and Best Practice in Chronic Disease (ABCD) program

Health services – John Condon (john.condon@menzies.edu.au)

Assessing health service demand, performance and outcome for Aboriginal and Torres Strait Islander people using clinical information systems in primary care services

Cancer services and treatment outcomes – John Condon (john.condon@menzies.edu.au)

Investigation of cancer treatment patterns for Indigenous and non-Indigenous people in the NT.

Identifying and reducing disparities in health-related services – joan.cunningham@menzies.edu.au)

Identifying and reducing barriers to access to health care and related services for Indigenous people. A range of projects could be undertaken in this area.

Mental health – Wendy Gunthorpe (wendy.gunthorpe@menzies.edu.au)

Developing a mental health risk screening tool for high school students in the Northern Territory

Examining interrelationships between substance use, social and emotional wellbeing, and scholastic/employment outcomes among young people in the NT

## **Melbourne University, Onemda VicHealth Koori Health Unit**

### **Research goal:**

- To develop a research program in Aboriginal health that contributes to long-term improvements in Aboriginal health. The outcomes of this research program will inform the development of Aboriginal health policy and health service delivery and the education of health practitioners.

### **Approach**

- Community Development is seen as the bridge that links the Community and the Unit to each other. It provides a framework for the Unit, to connect with the Community so that we can work together collectively. This program works with Community programs and incorporates a range of strategies that are sustainable to specifically address the problems of research within the Community.
- Community Development permeates all aspects of the Unit including research. It informs the research agenda within the Unit, as it is Community Development that is the voice of the Community in conveying the priorities the Community has identified.
- Community Development is a mutual process of capacity building that is taking place within the Koori and research communities.

### **Research themes:**

- Developing and Evaluating Health Policy
- Aboriginal Health Research and Ethics
- Aboriginal Community Development and Health
- Professional Training and Practice
- Social Determinants of Aboriginal Health
- Evaluation of Health Services, Programs and Interventions for Aboriginal People
- Capacity Building for Aboriginal Health Research

### **Community reports**

- The Knowledge Economy and Aboriginal Health Development by Ian Anderson 2008
- A National Indigenous Public Health Curriculum Framework 2008-10-27
- A National Indigenous Public Health Curriculum Framework, September 2007
- Koori Kids' Ears and Health, July 2006
- Expenditure on Health Services for Aboriginal and Torres Strait Islander People in the Lodden Mallee Region of Victoria, 2004
- Victorian Aboriginal Ethics Project Report, November 2005
- Economics and Indigenous Australian Health Workshop, June 2005
- CDAMS Indigenous Health Curriculum Framework, August 2004
- The Aboriginal & Torres Strait Islander Hospital Accreditation Project Community Report, June 2004

**UNIVERSITY OF QUEENSLAND**  
**(Faculty of Health- School of Population Health)**

**Main areas of research activity:**

- Behaviour and Health Outcomes
- Research on Global Health
- Health Services Research
- Longitudinal Studies

## ▪ **SAX INSTITUTE ABORIGINAL RESEARCH PROGRAM**

### **Coalition for Research to Improve Aboriginal Health (CRIAHA)**

#### **Partnership**

- The CRIAHA is a partnership between The Sax Institute and the Aboriginal Health and Medical Research Council of NSW (AHMRC) that brings Aboriginal communities and researchers together to improve Aboriginal health in NSW.

#### **Approach**

- Builds Capacity through the Aboriginal Health Research Career Development Fellowships Program to support NSW health researchers from Aboriginal backgrounds who are doing research in areas perceived to be important by Aboriginal communities

#### **Priority Research Programs**

- Lupus
- Diabetes
- child health

#### **Potential research areas**

- Where is the healthcare research to assist Australia's Health policy reform?
- The next stage of NHS reform: the Lord Darzi review
- Pay for Performance begins in Australia
- Should we implement large scale healthcare interventions without evidence they work?
- The pros and cons of co-locating healthcare services: lessons from the UK

# TELETHON INSTITUTE FOR CHILD HEALTH

## Mission

- To improve and to promote the health and well being of all children through the unique application of multidisciplinary research.

## Aims

- to conduct high quality research to:
- apply research findings to improve the health of children, adolescents and families
- teach the next generation of health researchers
- be an advocate for research and for children

## Partners/Collaborators

UWA Centre for Child Health Research

Curtin Centre for Developmental Health

Princess Margaret Hospital for Children (PMH)

Phylogica

Edith Cowan University

Murdoch University

Notre Dame University

World Health Organization Collaborating Centre for Children's Environmental Health Research

Papua New Guinea Buttressing Coalition

## Staff

- Professor Fiona Stanley is the founding Director of the Telethon Institute for Child Health Research, established in Perth in 1990.
- The Institute is multi-disciplinary and currently has more than 400 staff and students.
- **Jenefer Blackwell** Head of Division, Division of Genetics and Health
- **Carol Bower** Head of Epidemiology, Division of Population Sciences
- **Nick de Klerk** Head of Biostatistics, Division of Population Sciences
- **Prue Hart** Head of Inflammation Laboratory, Division of Molecular Biotechnology
- **Colleen Hayward** Manager, Kulunga Research Network
- **Pat Holt** Head, Division of Cell Biology
- **Ursula Kees** Head, Division of Leukaemia and Cancer Research
- **Deborah Lehmann** Member of Executive and Head of Infectious Disease Epidemiology Research, Division of Population Sciences
- **Sven Silburn** Director, Centre for Developmental Health, Division of Population Sciences
- **Peter Sly** Member of Executive and Head, Division of Clinical Sciences
- **Wayne Thomas** Head of Laboratory Sciences and Head, Division of Molecular Biotechnology

- **Paul Watt** Head of Drug Discovery Technology Unit
- **Stephen Zubrick** Member of Executive and Head, Division of Population Sciences

### **Research Divisions**

- Cell Biology
- Children's Leukaemia and Cancer Research
- Clinical Sciences
- Kulunga Research Network - The Kulunga Research Network was established as a joint initiative between the Institute and the WA Aboriginal community (through WAACCHO). The aim of Kulunga is to build capacity in Aboriginal research.
- Molecular Biotechnology
- Population Sciences

### **Research Themes**

- Aboriginal Child Health
- Asthma, Allergies and Respiratory Disease
- Cancer
- Healthy Development
- Infectious Disease
- Social and Emotional Wellbeing
- The Early Years
- Understanding Disability

### **Current Kulunga Projects**

- Australian Early Development Index
- From the Ground Up: Working with Communities in the South-West
- Indigenous Australian Early Development Index (I-AEDI)
- Indigenous Capacity Building Grant
- Pilbara Substance Use Reduction
- Population Sciences Program Grant
- Rio Tinto Child Health Partnership
- Starting on Track: The Pilbara AEDI Initiative
- Staying on Track: Reducing Substance Use
- Western Australian Aboriginal Child Health Survey
- Whole of Government Strategic Framework for Indigenous Generational Change

# FLINDERS UNIVERSITY

## CENTRE FOR REMOTE HEALTH JOINT VENTURE BETWEEN FLINDERS AND CDU

### Structure

- It is one of a network of University Departments of Rural Health (UDRH) funded by the Commonwealth Department of Health and Ageing to improve the health status of populations in rural and remote areas by appropriate preparation of the health workforce, thereby improving recruitment and retention levels.

### Location

- Its primary location is in Alice Springs, Northern Territory, with satellite campuses in Katherine and Darwin. The Centre's catchment area is Territory-wide and includes cross-border areas in South Australia and Western Australia.

### Research strengths:

- remote health services research
- health services planning and development

### Centre staff

The Centre's capacity building capability was greatly enhanced by the Commonwealth Primary Health Care Research Evaluation and Development program funding (PHCRED).

### Staff

- Prof John Wakerman, Director
- Jeanne Tahini, Executive Officer
  
- **Darwin**
- Karen Piper Research Fellow / PHCRED
  
- **Katherine**
- Alun Williams Acting Head of Unit, Senior Lecturer, Public Health
- Ass Prof Elizabeth Chalmers Senior Project Officer
- Phil Entwistle Senior Lecturer / PHCRED
- Parvina de Beer Administration Officer
  
- **Alice Springs**
- Sue Lenthall Project Manager, Stress Project
- Terry Dunt Director's Personal Assistant
- Sabina Knight Senior Lecturer, Remote Health Practice Course Coordinator: Remote Health Management programs
- Kerry Taylor Lecturer, Nursing, Central Australian Rural/Remote Programs
- Heather Jensen Lecturer, Allied Health
- Fran Vaughan Remote Pharmacy Academic

- Tahniah Edwards Lecturer, Indigenous Health / PHCRED
- Catherine Geraghty Research Administrative Officer
- Pim Kuipers Senior Research Fellow
- Rikkisha Collins Research Associate (Indigenous Research Trainee)
- Nettie Flaherty Lecturer, Remote Health Management
- Sheeda Ataian Finance Officer
- David Campbell Senior Economist

**Projects (no dates stated on website)**

- Aboriginal governance, jurisdiction, and social determinants of health.
- Establishment of a nutrition and dietetic student placement program in Katherine.
- The beliefs of Aboriginal families about hearing loss in their children.
- Universities building collaborative relationships with remote area human service agencies (a trial and evaluation of social work student placements in remote areas).
- Burns in isolated and rural areas: teaching prevention, early management and care locally.
- Implementing best practice in the eradication of chronic strongyloidiasis.
- Setting up a community of practice using participatory action research on town camps.
- Western Desert men's parenting project.
- A pilot study into the presence of human Ehrlichian infection in a remote Indigenous community in Central Australia.
- Barriers to access to optimal management of Ischaemic Heart Disease and associated risk factors and co-morbidities for people living in Central Australia.
- Remote oral health curriculum development for the Remote Health Practice program.
- Loss and its consequences among Town Camp dwellers in Alice Springs: the role of alcohol and other drugs.
- Developing and implementing a comprehensive primary health care approach to addressing early childhood dental caries at Yuendumu
- Development of a population health capacity in Urapuntja Health Service
- Building on existing collaboration in Central Australia (support for WONCA 'Working Together, Sharing Experiences' conference)

# AIATSIS

**Director:** Kerry Arabena

## **Staff**

- Julie Tongs, Peter Sharp, Jodie Fisher, Jo Victoria, Katja Mikhailovich, Nerelle Poroch, John Van den Dungen, and Graham Henderson
- a core number of visiting research fellows to carry out research and advise the Institute's Council on research matters and visiting research fellows who undertake special research projects approved by the Council. The Native Title Research Unit, a special unit within the Research Program, addresses pressing research needs arising from the recognition of native title.

## **Research themes:**

### *Indigenous social and cultural wellbeing*

- Indigenous health and wellbeing
- education and cultural transmission
- Indigenous language and cultural expression

### *Indigenous country and governance*

- Indigenous governance and government
- Indigenous country management
- native title and traditional ownership

## **Funding:**

- Is available to individuals and organisations through the research grants program;
- Training, facilities and support for Indigenous trainee researchers, and visiting and honorary scholars. commissions research projects and conducts work jointly with other organisations.

# **LA TROBE UNIVERSITY**

**School of Public Health**

**Contact : Professor Vivian Lin**

## **Staff**

- Jon Willis, Mark Saunders, Gary Dowsett, Linda Bennett, Brian McCoy, Murray Couch, Marian Pitts, Rachel Thorpe, Jeffrey Grierson, Michael Hurley, Ms Karalyn McDonald
  
- Appears to be little by the way of dedicated Indigenous health programs –mostly appears to be smaller projects

# QUEENSLAND INSTITUTE OF MEDICAL RESEARCH

## Indigenous Health Epidemiology

**Director:** Professor Michael Good

**Chairperson of the Board of WuChopperen Health Service:** Dallas Young

### Staff

- Assoc Prof Gail Garvey - Indigenous Health Program Coordinator  
Dr Patricia Valery - Senior Research Officer
- Valerie Logan - Scientific Officer
- Aletia Twist - PhD Student  
Suzanne Moore - PhD Student

### Community Links

- WuChopperen Health Service, Cairns, North Queensland
- Kambu Medical Centre, Ipswich
- Queensland Aboriginal and Islander Health Council (QAIHC)
- Thursday Island Primary Health Care Centre
- CRC for Aboriginal Health, Darwin

### Collaborators

- Asthma Queensland
- The Cancer Council Queensland
- Cooperative Research Centre for Aboriginal Health
- CSIRO - Explore and Educate- Brisbane
- Menzies School of Health Research, Darwin, Australia
- Queensland Health - Epidemiology Unit
- Queensland University of Technology - CRC Dementia
- Royal Children's Hospital, Brisbane
- Thursday Island Primary Health Care Centre
- WuChopperen Health Service, Cairns, North Queensland

### Research focus

- Promoting Science through Education
  - Spotlighting Careers in Indigenous Health and Science - is a week long hands on science experience, focusing on the importance of Indigenous health research and providing opportunities for students to gain an insight into the vast areas of health and science as a career.

- School fun at QIMR - champion medical research as a career, provide work experience at several critical stages of this pathway and educate and mentor bright students and teachers from Queensland, interstate and overseas.

### **Current projects**

- Cancer, Asthma, Bronchiectasis , Obesity, Metabolic Syndrome and Diabetes Type 2, Dementia, Lower Cancer Survival Rates

# UNIVERSITY OF NSW, MURU MARRI INDIGENOUS HEALTH UNIT

## School of Public Health and Community Medicine

**Head** Dr. Lisa Jackson Pulver, Associate Professor

### Staff & researchers

- R Broe GA, Arkles R, McDonald H, Chalkey S, Kelso W., Flicker L, Grayson D., Comino E, Harris E, Harris M, Smith P, Kong K, Kemp L., Craig P, McDermott D, Henry R. Green S, Guthrie J, Sutherland S, Dance P, Dejanovic A, Spooner C, Cunneen C, L, Howard J., Fitzpatrick S, Ritchie J, Norrie M.,

### Committee Memberships and Major Affiliations

- National Health and Medical Research Council (NHMRC)
- Aboriginal Health and Medical Research Council of NSW (AH&MRC)
- Aboriginal Researchers Advisory Group, Institute for Health Research (IHR) and the Aboriginal Health and Medical Research Council (AH&MRC)
- Leaders in Indigenous Medical Education (LIME) Network and Indigenous Core Curriculum Project, Committee of Deans of Australian Medical Schools (CDAMS)
- International Network for Indigenous Health Knowledge and Development (INIHKD)
- National Network of Indigenous Health Academics

### Research focus

- Responsible to the local Aboriginal communities in which it resides and all Indigenous communities in which it may work;
- The Muru Marri Indigenous Health Unit also assists and advises a special entry program into Medicine. This program is conducted by the Nura Gili and the Rural Clinical School and is designed to enable more Aboriginal and Torres Strait Islander people to study Medicine. We currently have 15 students enrolled in medicine and 12 graduates.
- In consultation with the community-controlled health sector, the unit aims to auspice research and expand the options for post-graduate training in Indigenous health. For post-graduate students of medicine and the health sciences, Muru Marri Indigenous Health Unit delivers a 6UOC course PHCM9630 Indigenous Health in Australia.
- scholarships including the Shalom Gamarada Residential Scholarship program for Indigenous Medical students.
- CLOSETHEGAP campaign

# CHARLES DARWIN UNIVERSITY

See Menzies

## Research interests

- Natural and Cultural Resource Management
- Human Health and Well-being
- Teaching, Learning and Living
- Community, Development and Identity

## Research groups

- Biomedical Engineering
- Families, Youth, Community
- Child and Maternal Health - Graduate School of Health Practice and Menzies School of Health Research
- Chronic Diseases
- Environments, Services and Populations Research
- Tropical and Emerging Infectious Diseases

# **BAKER INSTITUTE**

## **Indigenous Research (CIDVR)**

**Head – Dr Alex Brown**

### **Research partners**

- The Alfred Hospital
  - The Burnet Institute
  - Monash University
  - The University of Melbourne
  - Atherosclerosis Research Trust
  - National Heart Foundation (NHF)
  - The Juvenile Diabetes Research Foundation
- 

### **Research focus:**

- heart disease
- diabetes
- kidney disease
- research that works with communities and provides clinical services that meet their needs while better understanding the full scope of the disease burden within them.