

The Centre for Inland Health



Annual Activity Report

2010

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Director's Message



It is a pleasure for me to deliver this annual activity report of the *Centre for Inland Health* for 2010. Having recently taken over the role of Director from Dr Rod Pope, I wish to acknowledge Rod's tireless work in leading the Centre through its early stages of development. Rod established strong links between the Centre and key stakeholders which have borne fruit through collaborative research and cooperative efforts to improve the health of inland communities. I join with staff and researchers of the Centre to wish Rod well with the next step in his career.

Through the course of 2010, the number of researchers associated with the Centre grew from 50 to 69, and these researchers secured research grants and funding in excess of half-a-million dollars. Between them, they contributed 113 articles to journal and book research publications, and delivered 51 conference papers. They also supervised or co-supervised 75 Research Higher Degree students enrolled through Charles Sturt University, two of whom they saw graduate.

In 2010, five Research Centre Fellowships were awarded to Centre researchers providing them with the opportunity to focus on their chosen areas of research for a six-month period. One Fellowship was awarded to each of three research groupings and two were awarded to researchers whose research addressed a priority, cross-cutting theme of the Centre, the health of inland communities. Two Research Higher Degree scholarships were awarded through the Centre in 2010, supporting the candidates to undertake doctoral level training and research.

Other highlights for the year include the Centre's annual event, held in early November at the Bathurst Campus and hosted by the School of Human Movements. The event provided a focus on the work of the Physical Activity and Fatigue in Health, Disease and Occupations research group and provided an excellent opportunity for information exchange and identification of collaborative research prospects. A workshop on asset-based community development held in Wagga Wagga in late November was facilitated by international experts in this field, and provided a forum where researchers and practitioners could learn about, and discuss, the use of this community development approach.

The support of the Centre's Board of Management and the External Advisory Panel has been sincerely appreciated and has helped guide the development of the Centre. The Centre staff, Centre researchers and project officers have actively contributed to the work of the Centre and their efforts are acknowledged.

I trust you will find the report informative and interesting and I would welcome feedback on any of the material provided in this report.

Best wishes,

Anthony Kolbe

Vision, Mission and Key Foci



Vision

Our vision is healthy inland communities.

Mission

Our mission is to conduct high-quality, collaborative research that guides and informs asset-based community development to build health, and enhance the management of chronic conditions in inland communities of Australia and other nations.

Framework for Research and Community Engagement

Our framework for research and community engagement is asset-based community development.

Key Foci

In building health and managing chronic conditions in inland communities, our attention is to:

- Primary health care and, integral to this, the social determinants of health
- Physical activity and fatigue
- Environment, ecosystems and ecosystem services.

Key Populations of Interest

Inland communities of Australia and other nations are our key populations of interest, including:

- Inner regional, outer regional, remote and very remote communities
- Aboriginal communities
- Overseas-born communities
- Industry-related communities:
 - Farming/Forestry
 - Mining
 - Defence
 - Health & community services

Governance

The research activities of the Centre for Inland Health are governed by a two-tier approach, comprising a Board of Management, advised by an External Advisory Panel.

External Advisory Panel

The Centre for Inland Health has an External Advisory Panel involving leaders in the area of Australian inland, rural, and Indigenous health and research. The Panel provides strategic advice to the Centre, to guide its research activities across all domains and to enhance opportunities for collaboration contributing to the health of inland communities.

In 2010, its members included:

- Professor Sue Thomas (Chair), Deputy Vice Chancellor (Research), Charles Sturt University
- Ms Christine Corby, OAM, Chief Executive Officer, Walgett Aboriginal Medical Service, and Chair of the Aboriginal Health & Medical Research Council of NSW
- Dr Anthony Hobbs, Chair, Riverina Division of General Practice & Primary Health
- Mr Gordon Gregory, OAM, Executive Director, National Rural Health Alliance
- Ms Flo Grant, Chairperson, Wiradjuri Council of Elders
- Mr Percy Knight, Chief Executive Officer, Wiradjuri Condobolin Corporation Limited
- Mrs Gloria Rogers (Local Indigenous Elder)
- Mr Ray Rogers (Local Indigenous Elder).

Board of Management

The Board of Management aims to ensure sound financial management, compliance with all legal and contractual requirements and mitigation of identified risks whilst promoting collaboration and integration with key researchers and research stakeholders. The Board supports and provides advice to the Director in:

- Monitoring the contexts within which the Centre is operating.
- Setting and reviewing the strategic directions of the Centre, its priorities and the associated operational plans, policies and procedures.
- Reviewing and monitoring the Centre's research performance to ensure that the Centre meets research performance expectations, and requirements of funding bodies.
- Monitoring Centre research group performance to ensure a culture of continuous quality improvement in research output by all grouping members.
- Implementing the Centre's research risk management to ensure risks are identified, monitored and controlled.
- Facilitating collaboration and partnerships with other researchers, health services and key stakeholders to influence health for all inland Australians through research, grants and publication.

In 2010, its members included:

- Director, Centre for Inland Health – Associate Professor Rod Pope
- Research Group Heads – Associate Professor Ann Bonner, Dr Jade Forwood, Professor Frank Marino, Dr Gayle Smythe and Professor Lexin Wang
- Advisor, Rural Health Networks – Associate Professor Sue McAlpin
- Representative of Centre for Indigenous Studies – Professor Jeannie Herbert
- Representative of Psychology and Social Sciences disciplines – Dr Gene Hodgins
- Representative of Centre for Indigenous Studies – Ms Wendy Nolan
- Business Manager, Centre for Inland Health – Ms Raylee Macaulay.

Research Groupings

The Centre for Inland Health comprises four key research groupings, which are:

Cardiovascular (incorporating Respiratory) Research



Cardiovascular disease is a critical issue for the Centre of Inland Health and the communities it serves. This research group seeks to answer the overarching question of how we can effectively assess risks and prevent and manage heart failure, particularly in inland contexts, and so reduce the rate of deaths associated with heart failure.

Cell biology, Genetics, and Immunology in Health and Disease

A sound understanding of these topics necessarily underpins the design and improvement of much of the clinical and other health care needed to prevent, detect and manage disease, and to maintain good health. This research group seeks to answer the overarching question of what we need to know about cell biology, genetics and immunology in order to design effective approaches to preventing, detecting (early) and managing disease and to maintaining good health, particularly in inland contexts.



Physical Activity and Fatigue in Health, Disease and Occupations



Physical activity is a mainstay of a healthy and productive lifestyle, and fatigue is a major factor in limiting participation. This research group seeks to answer the overarching question of how we can optimise access and participation in physical activity and manage fatigue, particularly in inland contexts.

Community Well-being, Human Services and Clinical Care

There is a wide range of social and community factors that contribute strongly to determining the health status and well-being of communities. The work of this research group is about where ‘the rubber hits the road’ – seeking to answer the overarching, practical question of how we can make public, clinical and community health services and other human services and community development strategies work, sustainably and effectively, to enhance the health, or well-being, of communities - particularly inland communities.



2010 Members, Staff and Students

The details provided below represent the Centre's members, staff and students in 2010.

Research Grouping Members

Cardiovascular Research

Key Researchers: Professor Lexin Wang (Head of Research Grouping)
Professor Patrick Ball
Ms Veronica Madigan
Dr Pdraig Strappe

Key Adjuncts: Dr Debbie Burton
Associate Professor Shane Curran
Associate Professor Craig McLachlan
Ms Helen Moriarty
Dr Brendan Smith
Professor Tiemin Wei

Affiliates: Dr Geoff Currie
Professor Hosen Kiat
Dr Janelle Wheat

Affiliate Adjuncts: Professor Bin Zhang

Cell Biology, Genetics and Immunology in Health and Disease

Key Researchers: Dr Jade Forwood (Joint Head of Research Grouping)
Dr Gayle Smythe (Joint Head of Research Grouping)
Dr Scott Andrew
Dr Michael Cahill
Dr Jillian Dunphy
Dr Shanker Karunanithi
Dr Kelly Linden
Dr Thiru Vanniasinkam
Dr Lucy Webster

Physical Activity and Fatigue in Health, Disease and Occupations

Key Researchers: Professor Frank Marino (Head of Research Grouping)
Dr Stephen Bird
Dr Jack Cannon
Dr Rylee Dionigi
Dr Eric Drinkwater
Dr Rob Duffield
Ms Suzi Edwards
Dr Douglas Whyte
Dr James Wickham

Affiliates: Associate Professor Michael Gard

Research Grouping Members continued

Community Well-Being, Human Services and Clinical Care

Key Researchers: Associate Professor Ann Bonner (Head of Research Grouping)
Mr Bill Anscombe
Mr Neil Barber
Dr Dianne Boxall
Associate Professor Julia Coyle
Dr Judith Crockett
Dr Michael Curtin
Dr Elaine Dietsch
Dr Jane Heller
Dr Gene Hodgins
Dr Ester Mpandi Khosa
Dr Anna Moran
Professor Louise O'Brien
Dr Anna O'Callaghan
Associate Professor Peter O'Meara
Dr Dominic O'Sullivan
Associate Professor Rodney Pope
Dr Matthew Thomas
Associate Professor Paul Tinley

Affiliates: Dr Judith Anderson
Dr Maree Bernoth
Dr Rosemary Corrigan
Dr Rachael Fox
Professor Jeannie Herbert
Associate Professor Sue McAlpin
Dr Aine McGovern
Mr John Nolan
Ms Wendy Nolan
Ms Therese Schmid
Ms Michelle Smith -Tamaray
Mr Ajit Varghese

Key Adjuncts: Dr Julaine Allan
Dr Isabelle Bartkowiak-Théron
Associate Professor Darryl Maybery
Associate Professor Julie Pryor
Dr Andrea Reupert
Professor Malcolm Woollard

Affiliate Adjuncts: Ms Lauren Bartosh
Dr Geraldine Duncan
Associate Professor Denis Ginnivan
Ms Annette Jarvis
Ms Tracey Oakman
Mr Denis Quinn
Ms Lucie Shanahan

Staff

Director: Associate Professor Rodney Pope

Business Manager: Ms Raylee Macaulay


Research Assistants: Ms Amanda Shepherd
Ms Jennifer Young


Research Higher Degree Students

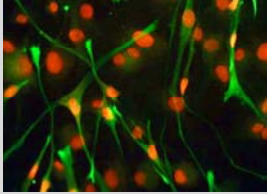
The Centre for Inland Health's researchers principally supervised 51 Research Higher Degree students in 2010, with an additional 24 Research Higher Degree students who were co-supervised. Two of these students successfully graduated.

Research

Completed Projects

Title:	Countermeasures for Rural Particulate Air Pollution	
Researchers:	Mr Anthony Kolbe and Ms Kim Gilchrist	
Funding Body:	Office of Environment and Heritage, Greater Southern Area Health Service and Charles Sturt University	
Project Overview:	A review of the scientific and grey literature, as well as consultation with researchers and agency representatives, was conducted to identify measures that can be taken to reduce health risks arising from exposure to particulate air pollution.	
Further Details:	Project Summary	

Title:	Health Impacts of Rural Particulate Air Pollution	
Researchers:	Mr Anthony Kolbe and Ms Kim Gilchrist	
Funding Bodies:	Office of Environment and Heritage, Greater Southern Area Health Service and Charles Sturt University	
Project Overview:	A literature review was conducted on the health effects of particulate matter air pollution with a specific emphasis on biomass burning. The AirQ model was used to estimate the health impact of PM pollution in a regional centre.	
Further Details:	Project Summary	

Title:	Not All Muscles Are Equal: Understanding Why Some Muscles Are Spared In Muscular Dystrophy	
Researcher:	Dr Gayle Smythe	
Funding Body:	Charles Sturt University Competitive Grant	
Project Overview:	Duchenne muscular dystrophy (DMD) is one of the most severe and common neuromuscular diseases affecting live male births across all populations. This project aimed to identify the specific properties that protect some muscles from degeneration in DMD.	
Further Details:	Project Summary	

Completed Projects *continued*

Title: Pharmacy Asthma Management Service

Researcher: Associate Professor Debbie Burton

Funding Body: Department of Health and Ageing (with University of Sydney being the lead agent)



Project Overview: Pharmacy Asthma Management Service (PAMS) was a national trial to investigate the feasibility of implementing a pharmacy-based asthma management improvement service nationally.

Further Details: [Project Summary](#)

Title: Promoting Healthy Ageing

Researchers: Dr Rylee Dionigi, Dr Sean Horton (University of Windsor, Canada) and Ms Joselyne Bellamy (University of Windsor, Canada)

Funding Body: University of Windsor, Canada, Humanities and Social Sciences Research (HSSR) Grant



Project Overview: The project examined cultural stereotypes of ageing, personal meanings of successful ageing and older adults' 'role models' for successful ageing, to determine how these factors affect older people's exercise and health-related behaviours.

Title: Research Centre Fellowship – Associate Professor Ann Bonner

Researchers: Associate Professor Ann Bonner

Funding Body: Charles Sturt University Research Centre Fellowship Award



Project Overview: The Research Centre Fellowship funds supported four key research activities:- Chronic Kidney Disease (CKD) Activity and Fatigue Project, Renal Information Practices Project, Chronic Kidney Disease Nurse Practitioner Project, and a Fast Tract Service in a Rural Emergency Department Project.

Further Details: [Project Summary](#)

Completed Projects *continued*

Title: **‘Sport for All’: Are the International Masters Games Association (IMGA) Reaching Out to Seniors?**

Researchers: **Dr Rylee Dionigi**, Dr Joseph Baker (York University, Canada) and Dr Sean Horton (University of Windsor, Canada)



Funding Body: CSU’s Special Studies Program and Centre for Inland Health Research Fellowship

Project Overview: This project aimed to determine how well the IMGA promoted and encouraged mature athletes to practise sports regularly, with awareness that competitive sport can continue throughout life and improve personal fitness level. It endeavoured to develop effective strategies to promote positive ageing attitudes and increase participation rates in sport and physical activity among seniors.

Title: **The Burden of Obstructive Lung Disease**

Researcher: **Associate Professor Debbie Burton**



Funding Body: CSU Competitive Grant

Project Overview: Chronic obstructive lung diseases include asthma, bronchitis and emphysema. It is difficult to quantify the burden of these diseases from existing information. This study measured the prevalence of obstructive lung disease in adults living within 100km of Orange and Wagga Wagga, a representative sample of inland NSW.

Further Details: [Project Summary](#)

Title: **The Community Checklist: A Health Assessment Tool**

Researchers: **Dr Julaine Allan** and **Professor Patrick Ball**



Funding Body: Charles Sturt University Competitive Grant

Project Overview: The project aimed to develop and trial an information-gathering tool that empowers local rural communities to identify their communities’ needs and prioritise them. It took a human rights approach, incorporating the social determinants of health, in assessing need.

Further Details: [Project Summary](#)

Completed Projects *continued*

Title: **The Experience of Being a Traditional Midwife**

Researchers: **Dr Elaine Dietsch** and Luc Mulimbalimba-Masururu

Funding Body: Charles Sturt University Competitive Grant



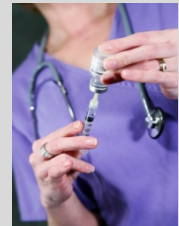
Project Overview: This project explored the experience, role and practice of the traditional midwife in inland Kenya from the perspective of the traditional midwives themselves, and the impact of *AusAID* funded resources on traditional midwives' practice.

Further Details: [Project Summary](#)

Title: **The Role of Rural & Remote Central and Secondary Schools in the Provision of Mental Health and Drug and Alcohol Education and Care to Adolescents**

Researchers: **Dr Judith Crockett**

Funding Body: Charles Strut University Competitive Grant



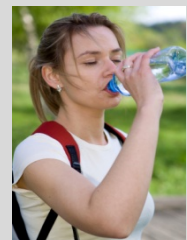
Project Overview: This project incorporated a literature review on the role of schools in the provision of mental health and substance use education and care, and the development of links with relevant agencies, with a view to developing a research program in this area.

Further Details: [Project Summary](#)

Title: **Voluntary Fluid Intake of Adolescent Elite Athletics During Training: A Cause for Concern?**

Researchers: **Professor Frank Marino** and **Associate Professor Michael Gard**

Funding Body: NSW Sporting Injuries Committee



Project Overview: The purpose of this study was to ascertain junior athletes' knowledge about, and attitudes towards voluntary drinking; compare these data against junior athletes' observed voluntary drinking behaviour; and determine what proportion of junior athletes are in danger of under and/or overdrinking.

Further Details: [Project Summary](#)

Current Projects

Title: **Aboriginal Wellness: A Holistic Wellbeing Approach in the Condobolin Community**

Researchers: **Dr Dianne Boxall**, Mr Percy Knight (Wiradjuri Condobolin Corporation) and Mr Ted Smeaton (Inspiring Communities)



Supported By: The Memorandum of Understanding between the Wiradjuri Condobolin Corporation and CSU

Project Overview: This project – founded on a collaborative partnership between the Wiradjuri Condobolin Corporation and academic facilitators from CSU – is designed to enable the establishment of a sustainable Aboriginal Wellness Framework of actions.

Further Details: [Project Summary](#)

Title: **Adult Transition Project for People with Disabilities**

Researchers: **Dr Clare Wilding** and **Associate Professor Michael Curtin**



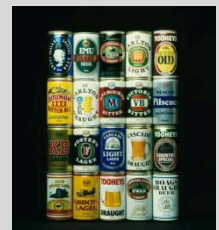
Funding Body: Ageing Disability and Home Care in the NSW Government Department of Human Services

Project Overview: This study investigates experiences of transition for adults aged 40 – 65 years living in New South Wales who have a disability. It will entail an assessment of support needs and experiences of transitions, and an evaluation of a flexible therapy transition support package.

Further Details: [Project Summary](#)

Title: **Alcohol and Drug Use Amongst Fishing and Farming Workers: A Workplace Health and Safety Study**

Researchers: **Dr Julaine Allan** and **Professor Patrick Ball**



Funding Body: The Collaborative Partnership for Farming and Fishing Health and Safety (RIRDC)

Project Overview: This project will investigate farm and fishing workers' use of drugs and alcohol, identify any effects on their physical and mental health, and link these to workplace health and safety.

Further Details: [Project Summary](#)

Current Projects continued

Title: **Community Reinforcement and Family Training (CRAFT) for rural Aboriginal Families**

Researchers: **Dr Julaine Allan** (CSU), Dr Anton Clifford (University of NSW), Associate Professor Anthony Shakeshaft (University of NSW) and Associate Professor Komla Tsey (University of Queensland)



Funding Body: Australian Research Council and National Health & Medical Research Council

Project Overview: This study aims to assess the acceptability, feasibility and likely cost-effectiveness of a family-focused intervention for Indigenous individuals with alcohol dependence, delivered in the context of routine Indigenous-specific, health-care services.

Further Details: [Project Summary](#)

Title: **Evaluation of a Progressive Resistance Exercise Training Program for Clients with Multiple Sclerosis**

Researchers: **Rosemary Corrigan**



Funding Body: Faculty of Science Seed Grant

Project Overview: The project aims to use the perceptions and perspective of Multiple Sclerosis (MS) clients to improve health care delivery and to address the particular physical needs that arise with this population group.

Further Details: [Project Summary](#)

Title: **Evaluation of the Live Well Narrandera Project**

Researchers: **Associate Professor Rod Pope, Associate Professor Ann Bonner, Dr Judith Anderson and Mr Denis Quinn**



Funding Body: Narrandera City Council

Project Overview: The project seeks to establish how effective the Live Well Narrandera (LWN) activities have been in achieving the goals of the program. It will provide independent information to the Narrandera City Council on the outcomes of LWN program.

Further Details: [Project Summary](#)

Current Projects continued

Title: **Idiopathic Toe Walking: A Diagnosis or Symptom of Sensory Processing Dysfunction**

Researchers: Ms Cylie Williams (PhD student), **Associate Professor Paul Tinley** and **Dr Michael Curtin**

Funding Body: Podiatry Registration Board (Vic) and Australian Podiatry Education and Research Fund (APERF)

Project Overview: This project aims to investigate the possible link between idiopathic toe walking (ITW) and sensory processing dysfunction. In other words, it seeks to establish if children (aged 4 to 8 years) who have an ITW gait have abnormal sensory processing.

Further Details: [Project Summary](#)



Title: **Immunoglobulin and Antibody Transfer to Piglets via Injectable Plasma Transfer**

Researchers: Ms Sue Woon (RHD student), **Dr Thiru Vanniasinkam**, Professor Mary Barton, Mr Rob Smits

Funding Body: Pork Cooperative Research Centre

Project Overview: The aim of this project is to improve the health of neonate piglets through the transfer of antibodies (in plasma obtained from pigs).

Further Details: [Project Summary](#)



Title: **Improving Health of Neonatal Piglets and Weaners**

Researchers: Ms Sue Woon (RHD student) **Dr Thiru Vanniasinkam**, Professor Mary Barton and Mr Rob Smits

Funding Body: Pork Cooperative Research Centre

Project Overview: This study aims to improve the health of pigs on farms, as well as the productivity for the pork farming industry.

Further Details: [Project Summary](#)



Current Projects *continued*

Title: **Indigenous Health Reform: Power, Politics and Citizenship**

Researchers: **Dr Dominic O’Sullivan**

Funding Body: Research Centre Fellowship



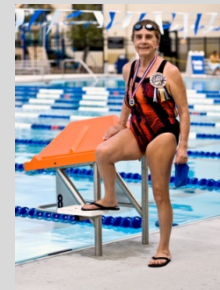
Project Overview: This project will approach the essential connecting themes in Indigenous health policy reform: power, politics and citizenship.

Further Details: [Project Summary](#)

Title: **Ongoing International Collaborative Research Program on Older Masters Athletes**

Researchers: **Dr Rylee Dionigi**, Dr Joseph Baker (York University, Canada) and Dr Sean Horton (University of Windsor, Canada)

Funding Body: Faculty of Education Research Development Funding

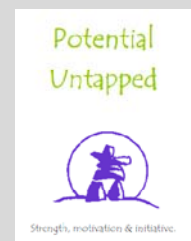


Project Overview: The project is designed to establish an ongoing international collaborative research program on older Masters athletes. This collaboration will expand research into the personal and cultural meanings of sports performance among older Australian Masters athletes, and include new data and outputs from an international perspective.

Title: **Potential Untapped Program Evaluation**

Researchers: **Dr Matthew Thomas** and **Ms Lucie Shanahan**

Funding Body: St George Foundation, NSW Motor Accidents Authority of NSW and Lifetime Care and Support Authority of NSW



Project Overview: The Potential Untapped program incorporates outdoor education and group work to enhance psychosocial functioning of adolescents with acquired brain injury (ABI). We aim to evaluate pilot program outcomes.

Further Details: [Project Summary](#)

Current Projects *continued*

Title: Prediction and Prevention of Sudden Death in Patients with Heart Failure

Researchers: Professor Lexin Wang

Funding Body: Research Centre Fellowship



Project Overview: This is a collaborative project with Liaocheng Hospital, a large, inland teaching hospital in China. The project is a clinical study, involving recruitment and follow-up of up to 500 heart failure patients.

Further Details: [Project Summary](#)

Title: Promoting Sports Participation: Exploring Physical Activity Patterns and Role Models of Ageing Among Older Persons

Researchers: Dr Rylee Dionigi, Dr Sean Horton (University of Windsor, Canada) and Joselyne Bellamy (University of Windsor, Canada)

Funding Body: University of Windsor, Canada, Humanities and Social Sciences Research (HSSR) Grant



Project Overview: The project aims to find effective ways of challenging negative stereotypes that prevent participation in sport and exercise in an attempt to encourage increased physical activity levels among older adults.

Title: Rural Allied Health Supervision and Support

Researchers: Associate Professor Julia Coyle, Dr Anna Moran, Associate Professor Rod Pope and Dr Diane Boxall

Funding Body: NSW Department of Health



Project Overview: This project aims to establish a sustainable Supervision and Support Framework for allied health professionals that enhance the capacity to recruit and retain them for rural practices.

Further Details: [Project Summary](#)

Current Projects *continued*

Title: Significance of Ryegrass Pollen in Spring Asthma

Researchers: Anthony Kolbe and Kim Gilchrist

Funding Body: Charles Sturt University



Project Overview: The research aims to investigate the relationship between pollen and asthma exacerbations during spring and review the effectiveness of thunderstorm asthma predictions.

Further Details: [Project Summary](#)

Title: Sports, Health and Ageing

Researchers: Dr Rylee Dionigi, Dr Joseph Baker (York University, Canada) and Dr Sean Horton (University of Windsor, Canada)

Funding Body: Research Centre Fellowship



Project Overview: This is an ongoing collaborative research program on factors affecting sport and physical activity access, and participation among older adults in Australia and Canada.

Further Details: [Project Summary](#)

Grants

External Grant Schemes

Centre for Inland Health researchers successfully secured grants from the following external bodies in 2010:



Funding Body:	NSW Health/Greater Southern Area Health Service (GSAHS)
Researchers:	Associate Professor Michael Curtin and Ms Libby Clark
Project:	Speech, Language, Attention and Movement (SLAM) Program: Preparing At Risk Young Aboriginal Children
Total:	\$220,000

Funding Body:	Narrandera Shire Council
Researchers:	Associate Professor Ann Bonner, Associate Professor Rod Pope, Dr Judith Anderson and Mr Denis Quinn
Project:	Evaluation of Narrandera Healthy Community
Total:	\$44,000

Funding Body:	Office of Environment and Heritage
Researchers:	Associate Professor Rod Pope, Mr Anthony Kolbe and Ms Kim Gilchrist
Project:	Literature Reviews for Rural Air Particles
Total:	\$17,477

Funding Body:	Podiatry Registration Board (Vic)
Researchers:	Ms Cylie Williams (PhD student), Associate Professor Paul Tinley and Dr Michael Curtin
Project:	Investigation into the Vibratory Perception Threshold
Total:	\$16,500

External Grant Schemes *continued*

Funding Body:	Motor Accidents Authority of NSW
Researcher:	Dr Matthew Thomas and Ms Lucie Shanahan
Project:	A Waist-Controlled Trial of an Integrated Wilderness Therapy and Group Program for Young People With Acquired Brain Injury
Total:	\$15,675

Funding Body:	Lifetime Care and Support Authority of NSW
Researcher:	Dr Matthew Thomas and Ms Lucie Shanahan
Project:	A Waist-Controlled Trial of an Integrated Wilderness Therapy and Group Program for Young People With Acquired Brain Injury
Total:	\$15,675

CSU Internal Grants

Charles Sturt University Competitive Grants

In 2010, the following Centre for Inland Health researchers were awarded a Charles Sturt University Competitive Grant:

Researcher:	Dr Jade Forwood
Project:	Structural Determination of Capsid and Replication Proteins

Researcher:	Dr Lucy Webster
Project:	Analysis of Cancer Screening Patterns Among Migrants in Rural New South Wales

Research Collaboration

Collaboration Within Australia

In 2010, collaborative research projects and initiatives were undertaken, or were in an advanced stage of collaborative planning, between the Centre for Inland Health’s researchers and a wide range of national, state and local agencies, organisations and universities. At the local level, the Centre and its researchers purposefully worked on building relationships and research links with specific inland communities (including Indigenous communities), with Area Health Services and with local non-government organisations.

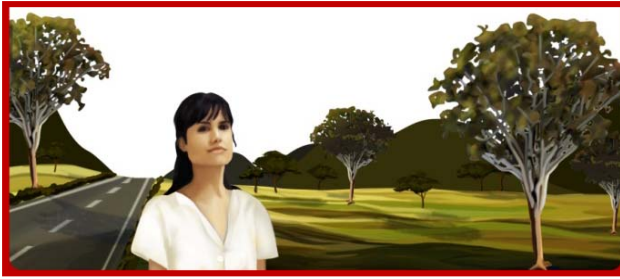
As part of this collaborative research at state and national levels, the Centre acknowledges the financial support of the following agencies, organisations and Government bodies:

- Australasian Podiatry Council
- Australian Institute of Sport
- Centacare
- Cricket Australia
- Greater Southern Area Health Service
- Lifetime Care and Support Authority of NSW
- Motor Accident Authority of NSW
- Narrandera Shire Council
- NSW Department of Health
- NSW Police
- NSW Sporting Injuries Committee
- Office of Environment and Heritage
- Podiatry Registration Board (Vic)
- Pork Cooperative Research Centre
- Rural Industries Research & Development Corporation (RIRDC)
- Slazenger
- St George Foundation
- University of Sydney



Feature Story: Collaboration with Local Health Networks

Rural Allied Health Supervision and Support Project



Charles Sturt University (CSU), in partnership with the Murrumbidgee and Southern Local Health Districts, is undertaking an action research project to establish a sustainable Supervision and Support Framework for allied health professionals. This framework will include tools that:

- Provide a variety of support strategies for allied health professionals;
- Enhance allied health practice; and
- Enhance allied health services provided to rural communities.

Over the past year CSU researchers have been engaging with allied health practitioners from the two local health districts to ascertain their views on their current work environment. In addition, researchers have identified allied health professionals' perspectives and opinions on elements pertinent to their capacity to provide quality services and effectively practice. A range of suggestions arising from this engagement, along with best practice solutions from National and International research, are being incorporated into the development of the new Allied Health Supervision and Support Framework.

The program of research, funded by NSW Department of Health, consists of three main phases.

Phase 1 – Discovery

Phase 1 consisted of a series of literature reviews, supported by mixed method data collection (survey; interviews and interactive workshops). The objectives for this phase were twofold: - to establish current best practice models for supervision and support; and to develop an in-depth understanding of relevant experiences and perspectives of allied health professionals within Murrumbidgee and Southern Local Health Districts.

A series of both systematic and standard literature reviews have been conducted in order to develop understanding of best practice in relation to sustainable, supervision and support frameworks that facilitate quality health services. These reviews encompassed a range of topics including: supervision; support; continuing development; mentoring; locums; retention; service quality; access and sustainability.

Outcomes from the reviews informed the design and implementation of a survey of all allied health staff within the Murrumbidgee and Southern districts in 2010. The results of the survey were combined with findings from interviews conducted with allied health professionals to develop four interactive allied health professional workshops where further relevant data was collected.

Phase 2 –Development

Data from phase 1 is being analysed with findings informing the development of sustainable, supervision and support for quality allied health services (SSaQAHS). Development will involve an iterative process in consultation with allied health professionals, and leaders of the local health districts.

Rural Allied Health Supervision and Support Project continued

Phase 3 – Implementation, Evaluation and Handover

Once developed, the framework will be implemented and tested across 2012. Findings from phase 3 will be used for further development of the framework. The aim will be to establish a framework that has embedded within it a cycle for continuous improvement (plan, implement, evaluate, refine and re-implement).

Murrumbidgee and Southern Local Health Districts provide allied health services across a vast, and dispersed, population presenting challenges for both the allied health professionals and the communities that they serve. The outcomes of this research will include recommendations for organisations, government and the tertiary sector on:

- Support strategies effective for the rural allied health contexts;
- Supervision frameworks appropriate for rural allied health practice contexts;
- Supervision and support strategies that facilitate quality health care; and
- Future research directions.

Feature Story: International Link with China

Heart Failure Study

Heart failure is a progressive disorder in which the heart is unable to pump or refill normally. It is clinically manifested by fluid congestion or inadequate blood flow to the vital organs or tissues. The most common causes of heart failure in our society are hypertension, ischaemic heart disease and diabetes mellitus. The prevalence of heart failure in the population aged 45 years and over is about 2-4%. This prevalence approximately doubles with each decade of life. In Australia, there are about 300,000 heart failure patients and approximately 30,000 new patients every year. Heart failure is associated with an increased risk of mortality, with an average annual mortality of 25%.

The Cardiovascular Research Group at CSU has been working collaboratively with leading cardiology researchers in China since 2002, to investigate new diagnostic, preventative and therapeutic techniques. Researchers from CSU and its three strategic alliance hospitals in China, Liaocheng People's Hospital of Taishan Medical University, Lishui Central Hospital of Wenzhou Medical College, and Guangzhou Red Cross Hospital of Jinan University, have made several major discoveries in this field, and jointly published more than 40 journal articles in high impact international journals. Their collaborative work on a new blood biomarker (B-type natriuretic peptide, or BNP) for diagnosis of mild form of heart failure before even clinical symptoms occur, has been cited by other researchers across the world and being quoted in a major European therapeutic guidelines. From 2008, Professor Lexin Wang from CSU and Professor Tongguo Wu from Guangzhou Red Cross Hospital, have been the chairpersons of annual international symposiums on heart failure held in Guangzhou, providing training and updated information on diagnosis and treatment of heart failure to more than 350 specialist physicians on the conference every year.



At present, a major collaborative heart failure research program is taking place at Liaocheng People's Hospital. A state-of-the-art electrophysiology recording technique (T wave alternance analysis) has been used to predict the risk of sudden death in heart failure patients. Partially funded by a fellowship and a grant from CIH, Professor Lexin Wang has been visiting this hospital twice a year since 2010 to supervise this project, which has helped to train three local Master's students from Taishan Medical University. Two of these students graduated in 2011.

Publications and Conference Presentations

The Centre for Inland Health's researchers continued to produce high-quality publications during 2010, with its output increasing by approximately 10% from 2009. In total, the Centre's researchers published 113 articles in peer-reviewed journals and one book, and contributed 16 chapters for edited books.



During 2010, numerous papers have been presented by researchers at conferences nationally and internationally, and published in peer-reviewed conference proceedings. In addition, some of the Centre's researchers were invited as keynote speakers. The national and international standing of the Centre's researchers is reflected in the 51 papers delivered at conferences.

In the information provided on the following pages regarding 2010 publications and conference presentations, names of researchers with the Centre for Inland Health are bolded.

Cardiovascular Research

Journal Articles

Key Researchers:

Professor Lexin Wang (Head of Research Grouping)

Chen, Q.J., Zhang, M.Z. & **Wang, L.X.** (2010). Gensenoside Rg3 inhibits hypoxia-induced VEGF expression in human cancer cells. *Cellular Physiology and Biochemistry*, 26(6), 849-858.

Kong, J.B., Li, Q.F., Yang, C.S., Kong, D.Q. & **Wang, L.X.** (2010). Effect of primary percutaneous coronary intervention on serum collagen biomarkers following acute myocardial infarction. *Acta Cardiologica*, 65(6), 661-664.

Lasker, S.P., McLachlan, C.S., **Wang, L.**, Ali, S.M.K & Jelinek, H.F. (2010). Discovery, treatment and management of diabetes. *Journal of Diabetology*, Feb. 2010(1), 1-8.

Li, G-Y., Liu, J-Z., Chen, S-G., Zhang, B., Wang, C.B. & **Wang, L.** (2010). Tegillarca granosa extract Haishengsu inhibits the expression of p-glycoprotein and induces apoptosis in drug-resistant K562/ADM cells. *Pharmaceutical Biology*, 48(5), 529-533.

Li, Y.B., Liang, M.T., Yang, Y., Hou, X.H., Kong, J.B., Xu, J.L. & **Wang, L.X.** (2010). Impact of acute pulmonary embolism on plasma and tissue hepatocyte growth factor: an experimental study. *Experimental Lung Research*, 36(4), 237-242.

Li, Z. M., **Wang, L.X.**, Jiang, L. C., Zhu, J. X., Geng, F.Y. & Qiang, F. (2010). Relationship between plasma cortisol levels and stress ulcer following acute severe head injury. *Medical Principles and Practice*, 19(1), 17-21.

Liu, S.Q., Yu, Y.Y., Xie, H.W., Yu, K. & **Wang, L.X.** (2010). Treatment with nesiritide, a recombinant B-type natriuretic peptide, reduces vascular remodeling following balloon-induced endothelial injuries in rabbits. *Tohoku Journal of Experimental Medicine*, 222(3), 219-223.

Cardiovascular Research *continued*

- McLachlan, C.S., Ocsan, R., Spence, I., Hambly, B., Matthews, S., **Wang, L.**, Jelinek, H.F. (2010). Increased total heart rate variability and enhanced cardiac vagal autonomic activity in healthy humans with sinus bradycardia. *Baylor University Medical Center Proceedings*, 23(4), 368-370.
- Shu, J.C., Yang, Q.H., Lv, X., Zhang, W.R., Li, M.E., Zhang, X.Y., Song, H-D., Ye, G-R. & **Wang, L.X.** (2010). Percutaneous endoscopic gastrostomy/jejunostomy combined with percutaneous transhepatic biliary drainage in treating malignant biliary obstruction. *Medical Principles and Practice*, 20(1), 47-50.
- Sun, H.W., Wang, J.P., Wang, S.Z., Wang, Y.Y., Song, Y.P., Yang, Z.H. & **Wang, L.X.** (2010). Effect of education and psychological intervention on the quality of life of asthmatic patients. *Respiratory Care*, 55(6), 725-728.
- Wang, L., Liu, G.J., Chen, Y.X., Dong, H.P., Zhang, Y.Q. & **Wang, L.X.** (2010). Combined use of D-dimer and P-selectin for the diagnosis of splenic or portal vein thrombosis following splenectomy. *Thrombosis Research*, 125(5), e206-209.
- White, F., **Wang, L.** & Jelinek, H. F. (2010). Management of Hypertension in Patients with Diabetes Mellitus. *Experimental and Clinical Cardiology*, 15(1), 5-8.
- Xiong, X, You, C., Feng, Q-C., Yin, T., Chen, Z-B., Ball, P. & **Wang, L.** (2010). Pulse width modulation electro-acupuncture on cardiovascular remodeling and plasma nitric oxide in spontaneously hypertensive rats. *Evidence Based Complementary and Alternative Medicine, Online 2010*(Online 2010), 1-6.
- Xue, Y.Z. & **Wang, L.** (2010). Contemporary management of atrial fibrillation: a brief review. *Advances in Medical Sciences*, 55(2), 130-136.
- Zhang, X.H., Yan, M., Liu, L., Wu, T.J., Ma, L.L. & **Wang, L.X.** (2010). Expression of discoidin domain receptors (DDR2) in alcoholic liver fibrosis in rats. *Archives of Medical Research*, 41(8), 586-592.
- Zhao, Q., Wu, T.G., Lin, Y., Li, B., Lou, J.Y. & **Wang, L.X.** (2010). Low dose nesiritide improves renal function in heart failure patients following acute myocardial infarction. *Heart and Vessels*, 25(2), 97-103.

Professor Patrick Ball

- Abdalla, H. & **Ball, P.** (2010). Empowering Patient Minority Populations. Self medication management program for adult patients in custody. *International Pharmacy Journal*, 26(1), 6-11.
- Allan, J., **Ball, P.** & Alston, M. (2010). What is health anyway?: Perceptions and experiences of health and health care from socio-economically disadvantaged rural residents. *Rural Society*, 20(1), 85-97.
- Xiong, X, You, C., Feng, Q-C., Yin, T., Chen, Z-B., **Ball, P.** & Wang, L. (2010). Pulse width modulation electro-acupuncture on cardiovascular remodeling and plasma nitric oxide in spontaneously hypertensive rats. *Evidence Based Complementary and Alternative Medicine, Online 2010*(Online 2010), 1-6.

Cardiovascular Research *continued*

Ms Veronica Madigan

Smith, B. & **Madigan, V.** (2010). How Vets can Assist Paramedics in Improving Patient Care - A Humorous but Thoughtful tale of Nightshift. *Response - the official journal of the Australian College of Ambulance Professionals*, 37(1), 21-23.

Dr Padraig Strappe

Donnelly, E., McMahon, S.S., **Strappe, P.**, McGinley, L., Madigan, N., Guerts, E., et al. (2010). Lentiviral vector-mediated knockdown of the neuroglycan 2 proteoglycan or expression of neurotrophin-3 promotes neurite outgrowth in a cell culture model of the glial scar. *Journal of Gene Medicine*, 12(11), 863-872.

Krupka, N., **Strappe, P.**, Gatz, J. & Ittner, L.M. (2010). Gateway-compatible lentiviral transfer vectors for ubiquitin promoter driven expression of fluorescent fusion proteins. *Plasmid*, 63(3), 155-160.

Key Adjuncts:

Dr Debbie Burton

Hood, J. R., **Burton, D.**, Wilkinson, J. M. & Cavanagh, H. M. A. (2010). Antifungal activity of *Leptospermum petersonii* oil volatiles against *Aspergillus* spp. in vitro and in vivo. *Journal of Antimicrobial Chemotherapy*, 65(2), 285-288.

Hood, J. R., **Burton, D.**, Wilkinson, J. M. & Cavanagh, H. M. A. (2010). The effect of *Leptospermum petersonii* essential oil on *Candida albicans* and *Aspergillus fumigatus*. *Medical Mycology*, 48(7), 922-931.

Associate Professor Craig McLachlan

Lasker, S. P., **McLachlan, C. S.**, Wang, L., Ali, S. M. K. & Jelinek, H. F. (2010). Discovery, treatment and management of diabetes. *Journal of Diabetology*, Feb. 2010(1), 1-8.

McLachlan, C. S., Ocsan, R., Spence, I., Hambly, B., Matthews, S., Wang, L., et al. (2010). Increased total heart rate variability and enhanced cardiac vagal autonomic activity in healthy humans with sinus bradycardia. *Baylor University Medical Center Proceedings*, 23(4), 368-370.

Ms Helen Moriarty

Chan, A.K., Gruenwald, C., Manlhiot, C., Crawford-Lean, L., Foreman, C., Brandao, L.R., McCrindle, B.W., Holtby, H., Richards, R., **Moriarty, H.** & Van Arsdell, G. (2010). Management and monitoring of anticoagulation for children undergoing cardiopulmonary bypass in cardiac surgery. *Journal of Extra-corporeal Technology*, 42(1), 9-19.

Gruenwald, C.E., Manlhiot, C., Chan, A.K., Crawford-Lean, L., Foreman, C., Holtby, H., Van Arsdell, G.S., Richards, R., **Moriarty, H.** & McCrindle, B.W. (2010). Randomised, controlled trial of individualised heparin and protamine management in infants undergoing cardiac surgery with cardiopulmonary bypass. *Journal of the American College of Cardiology*, 56(22), 1794-1802.

Wren, C., **Moriarty, H.**, Marsden, K. & Tegg, E. (2010). Cytogenetic investigations of chronic lymphocytic leukemia. *Cancer Genetics and Cytogenetics*, 198(2), 155-161.

Cardiovascular Research *continued*

Dr Brendan Smith

Smith, B. & Madigan, V. (2010). How Vets can Assist Paramedics in Improving Patient Care - A Humorous but Thoughtful Tale of Nightshift. *Response: the official journal of the Australian College of Ambulance Professionals*, 37(1), 21-23.

Affiliates:

Dr Geoff Currie

Currie, G., Clarke, S., Rogiers, S. & Wheat, J. (2010). Techniques for technetium scintigraphy in plants. *Journal of Nuclear Medicine Technology*, 38(2), 76-80.

Currie, G. M., Kiat, H. & Wheat, J. (2010a). Global contrast in nuclear medicine. *Journal of Nuclear Medicine Technology*, 38(3), 115-116.

Currie, G. M., Kiat, H. & Wheat, J. (2010b). Potential Iatrogenic Alteration to sup 18 F-Fluoride Biodistribution. *Journal of Nuclear Medicine*, 51(5), 823.

Currie, G. M., Pearce, R.D. & Wheat, J. M. (2010). Planar fusion: a pictorial review. *Internet Journal of Radiology*, 11(1), 1-14.

Rosewall, T., Catton, C., **Currie, G.**, Bayley, A., Chung, P., Wheat, J. & Milosevic, M. (2010). The relationship between external beam radiotherapy dose and chronic urinary dysfunction – A methodological critique. *Radiotherapy and Oncology*, 97(1), 40-47.

Spuur, K., Poulos, A., **Currie, G.** & Rickard, M. (2010). Mammography: Correlation of pectoral muscle width and the length in the mediolateral oblique view of the breast. *Radiography*, 16(4), 286-291.

Weber, D., Wheat, J. & **Currie, G.** (2010). Inflammation and cancer: tumor Initiation, progression and metastasis, and Chinese botanical medicines. *Journal of Chinese Integrative Medicine (Zhong Xi Yi Jie He Xue Bao)*, 8(11), 1006-1013.

Professor Hosen Kiat

Currie, G. M., **Kiat, H.** & Wheat, J. (2010). Potential Iatrogenic Alteration to sup 18 F-Fluoride Biodistribution. *Journal of Nuclear Medicine*, 51(5), 823.

Currie, G. M., **Kiat, H.** & Wheat, J. (2010). Global contrast in nuclear medicine. *Journal of Nuclear Medicine Technology*, 38(3), 115-116.

Dr Janelle Wheat

Currie, G. Clarke, S., Rogiers, S. & **Wheat, J.** (2010). Techniques for technetium scintigraphy in plants. *Journal of Nuclear Medicine Technology*, 38(2), 76-80.

Currie, G. M., Kiat, H. & **Wheat, J.** (2010a). Global contrast in nuclear medicine. *Journal of Nuclear Medicine Technology*, 38(3), 115-116.

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Cardiovascular Research *continued*

Currie, G. M., Pearce, R.D. & **Wheat, J. M.** (2010). Planar fusion: a pictorial review. *Internet Journal of Radiology*, 11(1), 1-14.

Rosewall, T., Catton, C., Currie, G., Bayley, A., Chung, P., **Wheat, J.** & Milosevic, M. (2010). The relationship between external beam radiotherapy dose and chronic urinary dysfunction – A methodological critique. *Radiotherapy and Oncology*, 97(1), 40-47.

Weber, D., **Wheat, J.** & Currie, G. (2010). Inflammation and cancer: tumor Initiation, progression and metastasis, and Chinese botanical medicines. *Journal of Chinese Integrative Medicine (Zhong Xi Yi Jie He Xue Bao)*, 8(11), 1006-1013.

Affiliate Adjuncts:

Professor Bin Zhang

Li, G-Y., Liu, J-Z., Chen, S-G., **Zhang, B.**, Wang, C-B. & Wang, L. (2010). Tegillarca granosa extract Haishengsu inhibits the expression of p-glycoprotein and induces apoptosis in drug-resistant K562/ADM cells. *Pharmaceutical Biology*, 48(5), 529-533.

Conference Presentations and Proceedings

Key Researchers:

Professor Patrick Ball

Ball, P.A., (2010) Intravenous in-line filtration and infection risk, interpreting the CDC guidelines. In *Journal of Hospital Infections* 26(S1), S20. Abstracts of the 7th International Conference of the Hospital Infection Society, Liverpool, United Kingdom, October 2010.

Dowling J, Allan J, Alston M. A., **Ball, P.A.** & Clifford, A. (2010, November). *Addressing Drug and Alcohol Use in the Primary Industries Workforce – The Role of the Workplace and Workplace Interventions*. Paper presented at the NSW Rural and Remote Conference, Albury, New South Wales.

Cell Biology, Genetics and Immunology in Health and Disease Research

Journal Articles

Key Researchers:

Dr Jade Forwood (Head of Research Grouping)

Forwood, J., Lange, A., Zachariae, U., Marfori, M., Prest, C., Grubmuller, H., Stewart, M., Corbett, A.H. & Kobe, B. (2010). Quantitative structural analysis of importin- β^2 flexibility: paradigm for solenoid protein structures. *Structure*, 18(9), 1171-1183.

Kaur, G., Delluc-Clavieres, A., Poon, I. K., **Forwood, J.**, Glover, D. J. & Jans, D. A. (2010). Calmodulin-dependent nuclear import of HMG-box family nuclear factors: importance of the role of SRY in sex reversal. *Biochemical Journal*, 430(1), 39-48.

Kirkby, B., Roman, N., Kobe, B., Kellie, S. & **Forwood, J.** (2010). Functional and structural properties of mammalian acyl-coenzyme A thioesterases. *Progress in Lipid Research*, 49(4), 366-377.

Marfori, M., Mynott, A., Ellis, J., Mehdi, A., Saunders, N. F., Curmi, P. M., **Forwood, J.**, Boden, M. & Kobe, B. (2010). Molecular basis for specificity of nuclear import and prediction of nuclear localization. *Biochimica et Biophysica Acta/Molecular Cell Research* (in press).

Dr Michael Cahill

Bryant, K. J., Gelb, M. H., Bidgood, M. J., **Cahill, M. A.**, Graham, G. G., Lei, P.W. McNeil, H. P., Taberner, M., Salom, C., Scott, K.F., Kumar, V., Lee, L., Church, W. B., Courtenay, B. & Smart, B.P. (2010). A bifunctional role for group IIA secreted phospholipase A2 in human rheumatoid fibroblast-like synoviocyte arachidonic acid metabolism. *Journal of Biological Chemistry*, 286(4), 2492-2503.

Dr Thiru Vanniasinkam

Giles, C., Cavanagh, H., Noble, G. & **Vanniasinkam, T.** (2010). Prevalence of equine adenovirus antibodies in horses in New South Wales, Australia. *Veterinary Microbiology*, 143(2-4), 401-404.

Book Chapters

Key Researchers:

Dr Thiru Vanniasinkam

Crampton, A., **Vanniasinkam, T.** & Milic, N. (2010). Vodcasts! How to Unsuccessfully Implement a New Online Tool. In A. T. Ragusa (Ed.), *Interaction in Communication Technologies and Virtual Learning Environments: Human Factors* (1 ed., pp. 118-129). Hershey, PA: IGI Global.

Conference Presentations and Proceedings

Key Researchers:

Dr Gayle Smythe

Smythe, G.M. (2010, September). *The involvement of specific muscle groups in dystrophin-deficient muscular dystrophy is conserved in vitro*. Paper presented at the. 20th Queenstown Molecular Biology Meeting (Muscle Satellite Meeting), Queenstown, New Zealand.

Physical Activity and Fatigue in Health, Disease and Occupations Research

Journal Articles

Key Researchers:

Professor Frank Marino (Head of Research Grouping)

Cannon, J. & Marino, F. (2010). Early-phase neuromuscular adaptations to high-and-low volume resistance training in untrained young and older women. *Journal of Sports Science*, 28(14), 1505-1514.

Marino, F., Cannon, J. & Kay, D. (2010). Neuromuscular responses to hydration in moderate to warm ambient conditions during self-paced high- intensity exercise. *British Journal of Sports Medicine*, 44(13), 961-967.

Marino, F. E. (2010). A response to Roy Shephard's: Is it time to retire the 'Central Governor'? A philosophical and evolutionary perspective. *Sports Medicine*, 40(3), 265-267.

Dr Stephen Bird

Bird, S. P. & Barrington-Higgs, B. (2010). Exploring the deadlift. *Strength and Conditioning Journal*, 32(2), 46-51.

Bird, S. (2010). Strength nutrition: Maximizing your anabolic potential. *Strength and Conditioning Journal*, 32(4), 80-83.

Bird, S. P. & Bulkeley, P. (2010). Open chain knee extension exercise compared to closed chain squat exercise - which is more likely to contribute to knee injuries. *Journal of Australian Strength and Conditioning*, 18(1), 12-15.

Minett, G., Duffield, R. & Bird, S. (2010). Effects of Acute Multinutrient Supplementation on Rugby Union Game Performance and Recovery. *International Journal of Sports Physiology and Performance*, 5(1), 27-41.

Dr Jack Cannon

Cannon, J. & Marino, F. (2010). Early-phase neuromuscular adaptations to high-and-low volume resistance training in untrained young and older women. *Journal of Sports Science*, 28(14), 1505-1514.

Duffield, R., Cannon, J. & King, M. (2010). The effects of compression garments on recovery of muscle performance following high-intensity sprint and plyometric exercise. *Journal of Science and Medicine in Sport*, 13(1), 136-140.

Marino, F., Cannon, J. & Kay, D. (2010). Neuromuscular responses to hydration in moderate to warm ambient conditions during self-paced high- intensity exercise. *British Journal of Sports Medicine*, 44(13), 961-967.

Dr Rylee Dionigi

Dionigi, R. A. & Lyons, K. (2010). Examining layers of community in leisure contexts: A case analysis of older adults in an exercise intervention. *Journal of Leisure Research*, 42(2), 317-340.

Dionigi, R. A. (2010). Older Sportswomen: Personal and Cultural Meanings of Resistance and Conformity. *International Journal of Interdisciplinary Social Sciences*, 5(4), 395-408.

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Podlog, L. & **Dionigi, R.** (2010). Coach strategies for addressing psychosocial challenges during the return to sport from injury. *Journal of Sports Sciences*, 28(11), 1197-1208.

Dr Eric Drinkwater

Behm, D. G., **Drinkwater, E. J.,** Willardson, J. M. & Cowley, P. M. (2010). Canadian Society for Exercise Physiology position stand: The use of instability to train the core in athletic and nonathletic conditioning. *Applied Physiology, Nutrition and Metabolism*, 35(1), 109-112.

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Donges, C. E., Duffield, R. & **Drinkwater, E. J.** (2010). Effects of Resistance or Aerobic Exercise Training on Interleukin-6, C-Reactive Protein, and Body Composition. *Medicine and Science in Sports and Exercise*, 42(2), 304-313.

Drinkwater, E. J. & Klopper, C. J. (2010). Quantifying the Physical Demands of a Musical Performance and Their Effects on Performance Quality. *Medical Problems of Performing Artists*, 25(2), 66-71.

Sampaio, J., Lago, C. & **Drinkwater, E. J.** (2010). Explanations for the United States of America's dominance in basketball at the Beijing Olympic Games (2008). *Journal of Sports Sciences*, 28(2), 147-152.

Sampaio, J., **Drinkwater, E. J.** & Leite, N. M. (2010). Effects of season period, team quality, and playing time on basketball players' game-related statistics. *European Journal of Sport Science*, 10(2), 141-149.

Dr Rob Duffield

Coutts, A. J. & **Duffield, R.** (2010). Validity and reliability of GPS devices for measuring movement demands of team sports. *Journal of Science and Medicine in Sport*, 13(1), 133-135.

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Duffield, R., Cannon, J. & King, M. (2010). The effects of compression garments on recovery of muscle performance following high-intensity sprint and plyometric exercise. *Journal of Science and Medicine in Sport*, 13(1), 136-140.

Duffield, R., Reid, M., Baker, J. & Spratford, W. (2010). Accuracy and reliability of GPS devices for measurement of movement patterns in confined spaces for court-based sports. *Journal of Science and Medicine in Sport*, 13(5), 523-525.

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Skein, M. & **Duffield, R.** (2010). The effects of fluid ingestion on free-paced intermittent-sprint performance and pacing strategies in the heat. *Journal of Sports Sciences*, 28(3), 299-307.

Ms Suzi Edwards

Edwards, S., Steele, J. R., Cook, J. L., Purdam, C. R., McGhee, D. E. & Munro, B. J. (2010). Characterizing patellar tendon loading during the landing phases of a stop-jump task. *Scandinavian Journal of Medicine and Science in Sports*, (Early View), 1-10.

Edwards, S., Beattie, S., Purdam, C. A. & Cool, J. L. (2010). Landing Strategies of Athletes with an Asymptomatic Patellar Tendon Abnormality. *Medicine and Science in Sports and Exercise*, 42(11), 2072-2080.

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Book Chapters

Key Researchers:

Professor Frank Marino

Marino, F. E. & King, M. (2010). Limitations of hydration in offsetting the decline in exercise performance in experimental settings: Fact or fancy? In M. R. Bishop (Ed.), *Chocolate, fast foods and sweeteners: Consumption and health*. (1 ed., pp. 63-83). Hauppauge, NY: Nova Publishers.

Dr Rylee Dionigi

Dionigi, R. A. (2010a). Managing Identity in Later Life through Leisure: Interpreting the Experiences of Older Athletes. In B. Humberstone (Ed.), *When I grow old... 'Third Age and Leisure Research: Principles and Practice* (1 ed., pp. 59-80). Eastbourne, UK: Leisure Studies Association.

Dionigi, R. A. (2010b). Masters sport as a strategy for managing the aging process. In J. Baker, Horton, Sean., Weir, Patricia., (Ed.), *The masters athlete: Understanding the role of exercise in optimizing aging* (1 ed., pp. 137-156). London, United Kingdom: Routledge.

Dionigi, R. A. (2010c). Older athletes: Resisting and reinforcing discourses of sport and aging. In B. L. Sarah Spickard Prettyman. (Ed.), *Learning culture through sports: Perspectives on society and organized sports*(Vol. 2) (2 ed., pp. 260-278). Lanham, MD: Rowman and Littlefield Education.

Dr Rob Duffield

Duffield, R. (2010a). Compression garments as a performance aid and post-exercise recovery tool. In H. C. (Ed.), *Récupération et performance en sport*. (1 ed., pp. 317-323). France: INSEP.

Physical Activity and Fatigue in Health, Disease and Occupations Research *continued*

Duffield, R. (2010b). Pre- and post-exercise cooling strategies to aid exercise performance and assist recovery. In H. C. (Ed.), *Récupération et performance en sport*. (1 ed., pp. 371-377). France: INSEP.

Affiliates:

Associate Professor Michael Gard

Gard, M. (2010a). Boys, girls and the prejudices of obesity research. In M. K. a. M. Atkinson (Ed.), *Boys Bodies: Speaking the Unspoken* (1 ed., pp. 3-17). New York, NY: Peter Lang Pub Inc.

Gard, M. (2010b). Neoliberalism, the obesity epidemic and the challenge to theory. In T. L. a. E. Potter (Ed.), *Ethical Consumption: A Critical Introduction* (1 ed., pp. 71-84). London,UK: Routledge.

Conference Presentations and Proceedings

Key Researchers:

Dr Stephen Bird

Bird, S.P. (2010, April-May). *Strength and Conditioning: Applied concepts in enhancing athletic performance*. Paper presented at the International Fitness Convention and Expo, Sydney.

Bird, S.P. (2010, April-May). *Sports nutrition for training, recovery and performance*. Paper presented at the International Fitness Convention and Expo, Sydney.

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Boehm, T.C. & **Bird, S.P.** (2010). Effects of short-term ingestion of a multi-nutrient supplement and acute resistance exercise in strength-trained athletes. In *Journal of Australian Strength and Conditioning*. (Suppl 1):34-36. Proceedings of the 1st International Conference on Applied Strength and Conditioning, November 2010.

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Minett, G. Duffield, R. & **Bird, S.P.** (2010). Effects of acute multi-nutrient supplementation on rugby union match performance and recovery. In *Journal of Science and Medicine in Sport* 12(Suppl 2):e28-e29. Proceedings of the Australian Conference of Science and Medicine in Sport, November 2010.

Dr Rylee Dionigi

Dionigi, R. A. & Grant, B. C., (2010, November). *Biographical Ageing in the context of Masters sport*. Paper presented at the Contemporary Ethnography Across the Disciplines (CEAD) Conference and Hui. University of Waikato, Hamilton, New Zealand.

Physical Activity and Fatigue in Health, Disease and Occupations Research

continued

Dionigi, R. A. (2010, August). *Older Sportswomen: Personal and cultural meanings of resistance and conformity*. Paper presented at the 5th International Conference on Interdisciplinary Social Sciences. University of Cambridge, Cambridge, U.K.

Dionigi, R. A., Horton, S. & Baker, J. (2010, March). *Seniors in sport: The experiences and practices of older World Masters Games competitors*. Paper presented at the International Conference on Sport and Society. University of British Columbia, Vancouver, Canada.

Horton, S., Weir, P., Baker, J., **Dionigi, R.** & Deakin, J. (2010). *Promoting healthy aging: Exploring physical activity patterns and role models of aging among older persons*. Invited presentation at the 2010 Sport Canada-SSHRC Research Conference. Ottawa, Canada.

Dr Eric Drinkwater

Clarke, D., Litchfield, C. & **Drinkwater, E.** (2010, September). *Encouraging student voice: Bachelor of Exercise Science students' design of a work-integrated learning subject*. Paper presented at the 2010 Australian Collaborative Education Network, Perth, Western Australia.

Nibali, M. L., Hopkins, W. G., Chapman, D. W. & **Drinkwater, E. J.** (2010, July). *A novel approach for interpreting the incremental load-power profile*. Poster presented at the 2010 Conference of the National Strength and Conditioning Association, Orlando, Florida.

Nibali, M. L., Mitchell, J. A., Chapman, D. W. & **Drinkwater, E. J.** (2010, July). *Influence of individual response to recovery time in complex training on lower-body power output*. Paper presented at the 2010 Conference of the National Strength and Conditioning Association, Orlando, Florida.

Dr Rob Duffield

Duffield, R., Green, R. Castle, P. & Maxwell, N. (2010, April). *The benefits of pre-cooling for exercise in the heat may relate to physiological rather than perceptual responses*. Paper presented at the Exercise and Sports Science Australia Conference, Gold Coast, Queensland.

Duffield, R. & Bird, S. (2010, April). *Field-based pre-cooling for on-court, tennis-specific conditioning training in the heat*. Paper presented at the Exercise and Sports Science Australia Conference, Gold Coast, Queensland.

Duffield, R., Coutts, A., McCall, A. & Burgess, D. (2010, June). *Field-based pre-cooling for football training in the heat*. Paper presented at the World Conference of Science in Soccer, Port Elizabeth, South Africa.

Mendham, A., Donges, C., Liberts, E. & **Duffield, R.** (2010, April). *Effect of Exercise Mode and Intensity on the Acute Exercise Induced Inflammatory Response*. Paper presented at the Exercise and Sports Science Australia Conference, Gold Coast, Queensland.

Minnett, G., **Duffield, R.**, Portus, M. & Kellett, A. (2010, June). *Practical, field-based pre-cooling for medium-fast bowling in hot environmental conditions*. Paper presented at the Australian Conference of Science, Medicine and Coaching in Cricket, Gold Coast, Queensland.

Skein, M., **Duffield, R.**, Mundel, T., Edge, J. & Short, M. (2010, April). *The Effect of Sleep Deprivation on Pacing Strategies and Intermittent-Sprint Performance*. Paper presented at the Exercise and Sports Science Australia Conference, Gold Coast, Queensland.

Community Well-Being, Human Services and Clinical Care

Journal Articles

Key Researchers:

Associate Professor Ann Bonner (Head of Research Grouping)

- Black, K. & **Bonner, A.** (2010). Employer-based support for registered nurses undertaking postgraduate or further study via distance education. *Nurse Education Today*, 31(2), 163-167.
- Bonner, A.**, Wellard, S. & Caltabiano, M. (2010). The impact of fatigue on daily activity in people with chronic kidney disease. *Journal of Clinical Nursing*, 19(21-22), 3006-3015.
- Ebbs, P., Middleton, P. M., **Bonner, A.**, Loudfoot, A. & Elliott, P. (2010). Do clinical safety charts improve paramedic key performance indicator results? (A clinical improvement programme evaluation). *Emergency Medicine Journal*, (online first), 1-3.
- Hayes, B. & **Bonner, A.** (2010). Job satisfaction, stress and burnout associated with haemodialysis nursing: a review of literature. *Journal of Renal Care*, 36(4), 174-179.
- Hayes, B., **Bonner, A.** & Pryor, J. (2010). Factors contributing to nurse job satisfaction in the acute hospital setting: review of recent literature. *Journal of Nursing Management*, 18(7), 804-814.
- Knapman, M. & **Bonner, A.** (2010). Overcrowding in medium-volume emergency departments: Effects of aged patients in emergency departments on wait times for non-emergent triage-level patients. *International Journal of Nursing Practice*, 16(3), 310-317.
- Nagel, K., Gender, J. & **Bonner, A.** (2010). Delineating the role of a cohort of clinical research nurses in a pediatric cooperative clinical trials group. *Oncology Nursing Forum*, 37(3), 180-185.
- Phiri, J., Dietsch, E. & **Bonner, A.** (2010). Cultural safety and its importance for Australian midwifery practice. *Collegian*, 17(3), 105-111.

Associate Professor Julia Coyle

- Kelly, A., **Coyle, J.**, Latham, H. & Corbo Crehan, A. (2010). Cynicism and emerging professionals: a cross disciplinary panel discussion. *Australian Journal of Professional and Applied Ethics*, 11(1 & 2), 1-12.
- Orr, R., Pope, R., Johnston, V. & **Coyle, J.** (2010). Load carriage: minimising soldier injuries through physical conditioning - a narrative review. *Journal of Military and Veterans' Health*, 18(3), 31-38.

Dr Michael Curtin

- Farnworth, L., Rodger, S., **Curtin, M.**, Brown, T. & Gilbert Hunt, S. (2010). Occupational therapy entry-level education in Australia: Which path(s) to take? *Australian Occupational Therapy Journal*, 57(4), 233-238.
- Jones, J. & **Curtin, M.** (2010). Traumatic brain injury, participation, and rural identity. *Qualitative Health Research*, 20(7), 942-951.

Community Well-Being, Human Services and Clinical Care continued

Williams, C., Tinley, P. & Curtin, M. (2010a). Idiopathic toe walking and sensory processing dysfunction. *Journal of Foot and Ankle Research*, 3(16), 1-6.

Williams, C., Tinley, P. & Curtin, M. (2010b). The toe walking tool: a novel method for assessing idiopathic toe walking children. *Gait and Posture*, 32(4), 508-511.

Dr Elaine Dietsch

Craig, H. & Dietsch, E. (2010). Too scary to think about: First time mothers perceptions of the usefulness of antenatal breastfeeding education. *Women and Birth*, 23(4), 160-165.

Dietsch, E. & Mulimbalimba-Masururu, L. (2010). Reconsidering the value of traditional birth attendants: a literature review. *African Journal of Midwifery and Women's Health*, 4(3), 133-138.

Dietsch, E.; Shackleton, P., Davies, C.; McLeod, M. & Alston, M. (2010). 'You can drop dead': Midwives bullying women. *Women and Birth*, 23(2):53-59.

Dietsch, E. (2010). The experience of being a traditional midwife: relationships with skilled birth attendants. *Rural and Remote Health*, 10(1481), 1-7.

Dietsch, E. (2010). The impact of birth kits on traditional midwifery practice in an area of inland Kenya. *MIDIRS Midwifery Digest*, 20(1), 111-116.

Dietsch, E., Shackleton, P., Davies, C., Alston, M. & McLeod, M. (2010). Mind you, there's no anaesthetist on the road: Women's experiences of labouring en route. *Rural and Remote Health*, 10(1371), 1-10.

Phiri, J., Dietsch, E. & Bonner, A. (2010). Cultural safety and its importance for Australian midwifery practice. *Collegian*, 17(3), 105-111.

Dr Jane Heller

Esplin, D.G., Lenz, S.D., Northrup, N.C., Valli, V.E., Webster, J.D., Dennis, M.M., Lipscomb, T.P., Peata, L., Sarli, G., Vernau, W., Dervisis, N., Goldschmidt, M.H., McEntee, M., Scase, T., von Euler, H., Hahn, K.A., Heller, J., McGill, L.D., Sorenmo, K., Withrow, S.J., Bacon, N.J., Henry, C.J., McKnight, C.A., Schulman, F.Y., Weisbrode, S.E., Bergman, P.J., Hellmen, E., McManus, P.M., Shoieb, A.M., Yager, J., Bienzle, D., Kamstock, D., Kiupel, M., Moore, A.S., Smedley, R.C., Cassali, G., Kirpensteijn, J., Moore, P.F., Sprangler, W.L., Castagnaro, M., Kitchell, B.E., Moroff, S.D., Teske, E., Amorim, R.L., Cullen, J., Nakayama, H. & Thamm, D.H. (2010). Recommended guidelines for the conduct and evaluation of prognostic studies in veterinary oncology. *Veterinary Pathology*, 48(1), 7-18.

Hendrick, M.J., Kiupel, M., Nevens, I., Stedman, N.L., Howerth, E.W., O'Toole, D., Steficek, B.A., Webster, J.D., Bailey, K.L., Janovitz, E.B., Ramos-Vara, J., Stromberg, P.C., Best, S., Langohr, I., Scase, T.J., Valli, V.E., DeLay, J., Lenz, S.D., Schulman, F.Y., Weisbrode, S.E., Detrisac, C.J., Lipscomb, T.P., Sledge, D., Yager, J., Fitzgerald, S.D., Heller, J., Miller, M.A., Smedley, R.C., Gamble, D., Miller, R., Misdrop, W., Smith, K., Ginn, P.E., Moroff, S., Snyder, P.W., Goldschmidt, M.H., Mullaney, T.P., Southorn, E. (2010). Proposal of a 2-tier histologic grading system for canine cutaneous mast cell tumors to more accurately predict biological behaviour. *Veterinary Pathology*, 48(1), 147-155.

Community Well-Being, Human Services and Clinical Care continued

Heller, J., Kelly, L., Reid, Stuart W.J. & Mellor, D.J. (2010). Qualitative risk assessment of the acquisition of meticillin-resistant *Staphylococcus aureus* in pet dogs. *Risk Analysis*, 30(3), 458-472.

Sheahan, D., Bell, R., Mellanby, R.J., Gow, A.G., Friend, E., **Heller, J.**, Bence, L.M. & Eckersall, P.D. (2010). Acute phase protein concentrations in canine nasal disease. *Veterinary Record*, 167(23), 895-899.

Dr Gene Hodgins

Maybery, D., Pope, R., **Hodgins, G.** & Hitchener, Y. (2010). Fostering resilience: Empowering rural communities in the face of hardship. *Gateways: International Journal of Community Research and Engagement*, 3(2010), 55-69.

Dr Anna Moran

McClimens, A., Nancarrow, S., **Moran, A.**, Enderby, P. & Mitchell, C. (2010). 'Riding the bumpy seas'. Or How the impact of the Knowledge Skills Framework component of the Agenda for Change initiative on staff in intermediate care settings. *Journal of Interprofessional Care*, 24(1), 70-79.

Moran, A., Enderby, P. & Nancarrow, S. (2010). Defining and identifying common elements of and contextual influences on the roles of support workers in health and social care: a thematic analysis of the literature. *Journal of Evaluation in Clinical Practice*, (Early View), 1-9.

Professor Louise O'Brien

East, L., Jackson, D., **O'Brien, L.** & Peters, K. (2010). Storytelling: An approach that can help develop resilience. *Nurse Researcher*, 17(3), 17-25.

Milton-Wildey, K. & **O'Brien, L.** (2010). Care of acutely ill older patients in hospital: Clinical decision-making. *Journal of Clinical Nursing*, 19(9), 1252-1260.

Vallido, T., Jackson, D. & **O'Brien, L.** (2010). Nurses' management of adolescent sleep disturbance: a qualitative study. *Journal of Clinical Nursing*, 19(3), 324-331.

Dr Anna O'Callaghan

O'Callaghan, A. M., McAllister, L. & Wilson, L. (2010). Experiences of care reported by adults with traumatic brain injury. *International Journal of Speech-Language Pathology*, 12(2), 107-123.

Associate Professor Peter O'Meara

Allan, J., **O'Meara, P.**, Pope, R., Higgs, J. & Kent, J. (2010). The role of context in establishing University Clinics. *Health and Social Care in the Community*, Online, 1-8.

Boyle, M; Williams, B; **O'Meara, P.** (2010). Can undergraduate paramedic and nursing students accurately estimate patient's age and weight? *Prehospital and Disaster Medicine*. 25(2), 171-177.

Devenish, S. & **O'Meara, P.** (2010). Sir Neville Howse (VC), Private John Simpson Kirkpatrick and Private Martin O'Meara (VC) and their contributions to Australian military medicine. *Journal of Emergency Primary Health Care*, 8(1), 1-10.

Community Well-Being, Human Services and Clinical Care continued

O'Meara, P., Aker, J., Munro, G., Menzies, N., Rae, J. & Woollard, M. (2010). Enhancing the leadership and management competency of paramedics. *Journal of Paramedic Practice*, 2(6), 282-284.

Willis, E., Williams, B., Brightwell, R., **O'Meara, P.** & Pointin, T. (2010). Road-ready paramedics and the supporting sciences curriculum. *Focus on Health Professional Education: A Multidisciplinary Journal*, 11(2), 1-13.

Dr Dominic O'Sullivan

O'Sullivan, D. (2010). Covenants, treaties and the politics of reconciliation. *Uniting Church Studies*, 16(1), 29-38.

Associate Professor Rodney Pope

Allan, J., O'Meara, P., **Pope, R.**, Higgs, J. & Kent, J. (2010). The role of context in establishing University Clinics. *Health and Social Care in the Community*, Online, 1-8.

Maybery, D., **Pope, R.**, Hodgins, G. & Hitchenor, Y. (2010). Fostering resilience: Empowering rural communities in the face of hardship. *Gateways: International Journal of Community Research and Engagement*, 3(2010), 55-69.

Oakman, T., Byles-Drage, H., **Pope, R.** & Pritchard, J. (2010). Beat the Heat: Don't forget your drink – A Brief Public Education Program. *Australian and New Zealand Journal of Public Health*, 34(4), 346-350.

Orr, R., **Pope, R.**, Johnston, V. & Coyle, J. (2010). Load carriage: minimising soldier injuries through physical conditioning - a narrative review. *Journal of Military and Veterans' Health*, 18(3), 31-38.

Associate Professor Paul Tinley

Butterworth, P., Gilheany, M. & **Tinley, P.** (2010). Postoperative infection rates in foot and ankle surgery: A clinical audit of Australian podiatric surgeons, January to December 2007. *Australian Health Review*, 34(2), 180-185.

Williams, C., **Tinley, P.** & Curtin, M. (2010a). Idiopathic toe walking and sensory processing dysfunction. *Journal of Foot and Ankle Research*, 3(16), 1-6.

Williams, C., **Tinley, P.** & Curtin, M. (2010b). The toe walking tool: a novel method for assessing idiopathic toe walking children. *Gait and Posture*, 32(4), 508-511.

Dr Matthew Thomas

Langley, J., Johnson, S., Slatyer, M., Skilbeck, C.E. & **Thomas, M.** (2010). Issues of loss to follow-up in a population study of traumatic brain injury (TBI) followed to 3 years post-trauma. *Brain Injury*, 24(7-8), 939-947.

Affiliates:

Professor Jeannie Herbert

Herbert, J. (2010). Indigenous Studies: Tool of Empowerment within the Academe. *Australian Journal of Indigenous Education*, 39S(Supplementary), 23-31.

Community Well-Being, Human Services and Clinical Care *continued*

Key Adjuncts:

Dr Julaine Allan

Allan, J. (2010). Engaging Primary health care workers in drug and alcohol and mental health interventions: Challenges for service delivery in rural and remote Australia. *Australian Journal of Primary Health*, 16(4), 311-318.

Allan, J., Ball, P. & Alston, M. (2010). What is health anyway?: Perceptions and experiences of health and health care from socio-economically disadvantaged rural residents. *Rural Society*, 20(1), 85-97.

Allan, J., O'Meara, P., Pope, R., Higgs, J. & Kent, J. (2010). The role of context in establishing University Clinics. *Health and Social Care in the Community*, Online, 1-8

Associate Professor Darryl Maybery

Maybery, D., Pope, R., Hodgins, G. & Hitchener, Y. (2010). Fostering resilience: Empowering rural communities in the face of hardship. *Gateways: International Journal of Community Research and Engagement*, 3(2010), 55-69.

Reupert, A., Foster, K., Maybery, D., Eddy, K. & Fudge, E. (2010). 'Keeping families and children in mind': an evaluation of a web-based workforce resource. *Child and Family Social Work*, 1, 1-9.

Reupert, A. & Maybery, D. (2010). "Knowledge is Power": Educating Children About Their Parent's Mental Illness. *Social Work in Health Care*, 49(7), 630-646.

Associate Professor Julie Pryor

Hayes, B., Bonner, A. & Pryor, J. (2010). Factors contributing to nurse job satisfaction in the acute hospital setting: review of recent literature. *Journal of Nursing Management*, 18(7), 804-814.

Dr Andrea Reupert

Reupert, A., Hemmings, B. & Connors, J. (2010). Do we practise what we preach? The teaching practices of inclusive educators in tertiary settings. *International Journal of Teaching and Learning in Higher Education*, 22(2), 120-130.

Reupert, A., Wilkinson, J. & Galloway, L. (2010). Neither fish nor fowl: Exploring seconded and contracted teachers experiences of the university sector. *Australian Educational Researcher*, 37(3), 39-55.

Reupert, A., Maybery, D., (2010). "Knowledge is Power": Educating Children About Their Parent's Mental Illness. *Social Work in Health Care*, 49(7), 630-646.

Reupert, A., Foster, K., Maybery, D., Eddy, K. & Fudge, E. (2010). 'Keeping families and children in mind': an evaluation of a web-based workforce resource. *Child and Family Social Work*, 1, 1-9.

Reupert, A. & Woodcock, S. (2010). Success and near misses: Pre-service teachers' use, confidence and success in various classroom management strategies. *Teaching and Teacher Education*, 26, 1261-1268.

Community Well-Being, Human Services and Clinical Care continued

Professor Malcolm Woollard

O'Meara, P., Aker, J., Munro, G., Menzies, N., Rae, J. & **Woollard, M.** (2010). Enhancing the leadership and management competency of paramedics. *Journal of Paramedic Practice*, 2(6), 282-284.

Affiliate Adjuncts:

Ms Tracey Oakman

Oakman, T., Byles-Drage, H., Pope, R. & Pritchard, J. (2010). Beat the Heat: Don't forget your drink – A Brief Public Education Program. *Australian and New Zealand Journal of Public Health*, 34(4), 346-350.

Books

Key Researchers:

Dr Dominic O'Sullivan

Bishop, R., **O'Sullivan, D.** & Berryman, M. (2010). Scaling-up Education Reform: Addressing the Politics of Disparity. Wellington, NZ: NZCER Press.

Book Chapters

Key Researchers:

Associate Professor Julia Coyle

Coyle, J. A., Higgs, J., McAllister, L. & Whiteford, G. (2010). What is an interprofessional health care team anyway? In S. Kitto, J.C. , J.T. & S.R. (Eds.), *Sociology of Interprofessional Health Care Practice: Critical Reflection and Concrete Solutions* (1 ed., pp. 39-53). USA: Nova Science Publishers.

Dr Michael Curtin

McAllister, L., **Curtin, M.**, O'Connor, B. & Vroman, K. (2010). International fieldwork education placements. In M. P. Lindy McAllister, Joy Higgs, Christine Bithell (Ed.), *Innovations in Allied Health Fieldwork Education: A Critical Appraisal* (1 ed., pp. 49-58). Rotterdam, The Netherlands: Sense Publishers.

Dr Anna O'Callaghan

Shanahan, L., Wilson, L., **O'Callaghan, A.** & Dawe, T. (2010). Involving Stakeholders in a Clinical Education Program: An Action Research Study. In M. P. Lindy McAllister, Joy Higgs and Christine Bithwell (Ed.), *Innovations in Allied Health Fieldwork Education: A Critical Appraisal* (1 ed., pp. 319-328). Rotterdam, The Netherlands: Sense Publishers.

Associate Professor Peter O'Meara

Higgs, J., Pope, R., Kent, J., **O'Meara, P.** & Allan, J. (2010). University Clinics: Practice and Education Dimensions. In M. P. Lindy MacAllister, Joy Higgs, Christine Bithnell (Ed.), *Innovations in Allied Health Fieldwork Education. A Critical Appraisal* (1 ed., pp. 85-93). Rotterdam, The Netherlands: Sense Publishers.

Community Well-Being, Human Services and Clinical Care continued

Associate Professor Rodney Pope

Higgs, J., **Pope, R.**, Kent, J., OMeara, P. & Allan, J. (2010). University Clinics: Practice and Education Dimensions. In M. P. Lindy MacAllister, Joy Higgs, Christine Bithnell (Ed.), *Innovations in Allied Health Fieldwork Education. A Critical Appraisal* (1 ed., pp. 85-93). Rotterdam, The Netherlands: Sense Publishers.

Ms Lucie Shanahan

Shanahan, L., Wilson, L., OCallaghan, A. & Dawe, T. (2010). Involving Stakeholders in a Clinical Education Program: An Action Research Study. In M. P. Lindy McAllister, Joy Higgs and Christine Bithwell (Ed.), *Innovations in Allied Health Fieldwork Education: A Critical Appraisal* (1 ed., pp. 319-328). Rotterdam, The Netherlands: Sense Publishers.

Affiliates:

Ms Wendy Nolan

Nolan, W., Hill, B. & Harris, J. (2010). Reconciliation and Social Justice: the role of Australian Universities in Educating for Change. In N. Riseman, Rechter, S. and Warne, E. (Ed.), *Educating for Change, Learning, Teaching, and Social Justice in Higher Education* (1 ed., pp. 71-84). Melbourne: Melbourne University.

Key Adjuncts:

Dr Julaine Allan

Higgs, J., Pope, R., Kent, J., OMeara, P. & **Allan, J.** (2010). University Clinics: Practice and Education Dimensions. In M. P. Lindy MacAllister, Joy Higgs, Christine Bithnell (Ed.), *Innovations in Allied Health Fieldwork Education. A Critical Appraisal* (1 ed., pp. 85-93). Rotterdam, The Netherlands: Sense Publishers.

Associate Professor Darryl Maybery

Reupert, A. & **Maybery, D.**, (2010). Is Anyone There? Being 'Present' in Distance Education. In A.T. Ragusa (Ed.), *Interaction in Communication Technologies and Virtual Learning Environment* (pp. 194-208) Hershey, PA: Information Science Reference.

Dr Andrea Reupert

Reupert, A. & Maybery, D., (2010). Is Anyone There? Being 'Present' in Distance Education. In A.T. Ragusa (Ed.), *Interaction in Communication Technologies and Virtual Learning Environment* (pp. 194-208) Hershey, PA: Information Science Reference.

Reupert, A. (2010). Don't smile till Easter. Developing positive classroom environments. In J. Higgs, R. Ewing & T. Lowrie (Eds.), *Communicating in Professional Experience Contexts in Teacher Education* (pp. 125-136). Sydney: Oxford University Press.

Conference Presentations and Proceedings

Key Researchers:

Associate Professor Ann Bonner

Black, K. & **Bonner, A.** (2010, June). *Making it explicit: workplace strategies to support continuing education and professional development for nephrology nurses*. Paper presented at the 38th Renal Society of Australasia (RSA) International Conference, Cairns, Queensland.

Community Well-Being, Human Services and Clinical Care continued

- Bonner, A., Pryor, J., Pope, R., Crockett, J. & Beecham, R.** (2010, November). *Community coalitions: An approach for community based rehabilitation in rural and remote New South Wales*. Paper presented at the NSW Rural and Remote Health Conference, Albury, New South Wales.
- Bonner, A.** (2010, October). *Research – Getting started*. Paper presented at the NSW Renal Society of Australasia Workshop, Sydney, New South Wales.
- Bonner, A., Wellard, S. & Caltabiano, M.** (2010, June). *The impact of fatigue on daily activity in people with chronic kidney disease*. Paper presented at the 38th Renal Society of Australasia (RSA) International Conference, Cairns, Queensland. (Award: Best Advanced Paper).
- Bonner, A. & Lloyd, A.M.** (2010, June). *What knowledge counts at the moment of practice: Information practices of renal nurses*. Paper presented at the 38th Renal Society of Australasia (RSA) International Conference, Cairns, Queensland.
- Douglas, B. & Bonner, A.** (2010, June). *Clinical training for nephrology nurse practitioner candidates: Developing a consensus statement*. Paper presented at the 38th Renal Society of Australasia (RSA) International Conference, Cairns, Queensland.
- Hayes, B., Bonner, A. & Pryor, J.** (2010, June). *What are the contributors to job satisfaction, stress and burnout for haemodialysis nurses?* Paper presented at the 38th Renal Society of Australasia (RSA) International Conference, Cairns, Queensland.
- Hazelman, S. & Bonner, A.** (2010, October). *Does a fast tract service improve waiting times and length of stays in a rural emergency department?* Paper presented at the College of Emergency Nurses Australia (CENA) Conference, Canberra, Australian Capital Territory.
- Dr Dianne Boxall**
- Davidson, P., Luck, G. & Boxall, D.** (2010, March). *Outdoor activity and possible relationships to wellbeing and connectedness to the environment in regional Australia*. Paper presented at the NSW PLA Conference, Albury, New South Wales.
- Davidson, P., Luck, G. & Boxall, D.** (2010, April). *The nature of our neighbourhoods – links between biodiversity, human wellbeing and our connection to the environment*. Paper presented at the Healthy Parks Healthy People Congress, Melbourne, Victoria.
- Davidson, P., Luck, G. & Boxall, D.** (2010, June). *People, parks and place*. Invited presentation to Friends of Willow Park Inc., Wodonga, Victoria.
- Luck, G., Davidson, P., Boxall, D. & Smallbone, L.** (2010, July). *Urban biodiversity, human well-being and our connection with nature*. Paper presented at the 24th International Congress for Society for Conservation Biology, Edmonton, Canada.
- Thompson, T., Boxall, D., Hodgins, G. & Patrick, K.** (2010, July). *Best lessons for well-being from psychologists: Implications for the public and for professional practice*. Paper presented at the 27th International Congress of Applied Psychology. Melbourne, Victoria.

Community Well-Being, Human Services and Clinical Care continued

Dr Elaine Dietsch

Dietsch, E., McLeod, M., Davies, C., Shackleton, P. & Alston, M. (2010, November). *Psycho-social implications for women birthing away from their NSW rural and remote communities*. Paper presented at the Royal College of Nursing Australia, Community and Primary Health care Nursing Conference, Alice Springs, Northern Territory.

Seigart, D., Page, A. & **Dietsch, E.** (2010, June). *Caring for children with special needs in schools: International Case Comparison*. Research for Health in our Global Community, Ryerson University, Toronto, Canada.

Shackleton, P., **Dietsch, E.,** Davies, C., Alston, M. & McLeod, M. (2010, February). *'I wouldn't build a shed if I wasn't going to use it': Contemporary birthing experiences of women living in rural areas*. Keynote speech presented at the Nepean Midwives 19th Annual Conference, Sydney, New South Wales.

Dr Gene Hodgins

Hogg, R.C. & **Hodgins, G.A.** (2010). The relationship between trait anxiety, trait competitive anxiety, riding experience, accident/injury status, and state competitive anxiety for equestrian athletes. In: V. Mrowinski, M. Kyrios, N. Voudouris (Eds.) *Proceedings of the 27th International Congress of Applied Psychology, Melbourne, Victoria, 11-16 July, 2010*.

Thompson, A. P., Boxall, D., Patrick, K. & **Hodgins, G.** (2010, July). *Best lessons for well-being from psychologists: Implications for the public and for professional practice*. Paper presented at the 27th International Congress of Applied Psychology, Melbourne, Victoria.

Dr Anna Moran

Moran, A., Nancarrow, S., Enderby, P. & Bradburn, M. (2010, April). *Support workers in interdisciplinary community rehabilitation teams in England: realising their contribution to and impact on care for older people*. Paper presented at All Together Better Health 5 - International Interprofessional Conference, Manly, New South Wales.

Dr Dominic O'Sullivan

Bishop, R, **O'Sullivan, D.** & Berryman M. (2010, May). *Scaling Up: The Politics of Potential*. Paper presented to the American Educational Research Association Conference, Denver, United States of America.

O'Sullivan, D. (2010, December). *Indigeneity and the State*. Paper presented at the Australian Sociological Association Conference, Macquarie University, Sydney, New South Wales.

O'Sullivan, D. (2010, December). *Indigenous Health: Policy, Ideology and the Politics of Disparity*. Paper presented at the New Zealand Political Studies Association Conference, University of Waikato, Hamilton, New Zealand.

Affiliates:

Dr Maree Bernoth

Bernoth, M. (2010, September). *The impact of discourses of embodiment in promoting safe manual handling practice in aged care*. Paper presented at the European Society for the Research into the Education of Adults (ESREA), Linkoping, Sweden.

Community Well-Being, Human Services and Clinical Care continued

Professor Jeannie Herbert

Herbert, J. (2010, December). *Ceaselessly Circling the Centre: Contextualising Indigenous Education in Australia to ascertain whether we are completing a circuitous journey along an ever-diminishing spiral toward the centre or simply running around in peripheral circles.* Keynote address at the Australian and New Zealand History of Education Society (ANZHES) "Centre and Periphery" Conference, Charles Sturt University, New South Wales.

Herbert, J. (2010, November). *I can see you are listening to me but I wonder if you are really hearing what I'm saying?* Keynote address at the CSU Education 2010 Conference, Charles Sturt University, New South Wales.

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Ms Lucie Shanahan

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