

Summary of Linkage Projects Proposals for Funding to Commence in 2009

Victoria

Deakin University

LP0990129 A/Prof K Ball; Prof DA Crawford; Dr SA McNaughton; Dr V Inglis; Ms J McWhinnie

Approved Project Title **Improving eating behaviours in low-income communities**

2009 : \$ 15,000

2010 : \$ 25,000

2011 : \$ 20,000

2012 : \$ 10,000

Primary RFCD 3212 PUBLIC HEALTH AND HEALTH SERVICES

Collaborating/Partner Organisation(s)

Coles

Heart Foundation (Victorian Division)

Administering Organisation Deakin University

Project Summary

The health, economic and social costs of poor nutrition are substantial. The national partnership, the Strategic Inter-governmental Nutrition Alliance, has proposed a strategy, Eat Well Australia, which aims to improve the well-being of Australians through better nutrition. Fruit and vegetable consumption is an important part of a healthy diet. Increasing Australians' fruit and vegetable consumption will substantially cut health care costs, improve quality of life, and boost Australia's fresh produce industry. Findings will directly inform an evidence base upon which to design appropriate policies and programs aimed at promoting fruit and vegetable consumption in socioeconomically disadvantaged groups.

LP0990128 Prof JA Blackmore; Prof AR Taket; A/Prof CJ Hickey; Dr AC Nolan; Mr BJ Marshall; A/Prof KE Stagnitti; Prof RC Carter

Approved Project Title **Interagency collaborations supporting resilient students, families, schools in disadvantaged communities**

2009 : \$ 72,462

2010 : \$ 131,736

2011 : \$ 130,966

2012 : \$ 71,692

Primary RFCD 3301 EDUCATION STUDIES

APA(I) Award(s): 2

Collaborating/Partner Organisation(s)

VicHealth

Department of Education and Early Childhood Development

Community Connections (Victoria) Inc.

Administering Organisation Deakin University

Project Summary

The ability to display resilience in the face of challenging circumstances-poverty, poor health, geographical isolation, alienation, family breakdown is internationally recognised as a capacity enabling those 'at risk' to achieve educational and life successes. Developing resilience requires input from multiple agencies but little is known about the most effective ways for schools, health/community/sport/leisure organizations and employers to collaborate on this objective. This project will identify resilient students and communities and highlight the specific intervention types (educational, health, employment, leisure) with proven ability to foster resilience and improve the educational and life chances of Australian youth

Summary of Linkage Projects Proposals for Funding to Commence in 2009

LP0990875 Prof JA Blackmore; Dr RE Arber; Prof LE Farrell; Prof MT Devlin

Approved Project Title **Investigating mismatches between Australian international graduate destinations and skill shortages**

2009 : \$ 39,407

2010 : \$ 82,390

2011 : \$ 76,795

2012 : \$ 33,811

Primary RFCD 3301 EDUCATION STUDIES

APA(I) Award(s): 1

Collaborating/Partner Organisation(s)

IDP Education Pty Ltd

Administering Organisation Deakin University

Project Summary

This project examines the extent to which Australia's current skills shortage can be addressed by changes to the training and recruitment of international graduates from Australian universities. Australia does not employ its international graduates to the extent that other countries do (eg USA) despite the fact that these graduates have necessary professional skills, are familiar with Australian culture and have studied in English. This project will inform the evidence base on the successful recruitment and employment of skilled international graduates into the professions. This study identifies the inhibiting factors and proposes solutions for universities, government, employers and graduates.

LP0990183 Dr C Hume; Ms A Carver; A/Prof J Salmon; Dr VJ Cleland; Dr JD Veitch; A/Prof K Ball; Prof DA Crawford

Approved Project Title **Individual, social and physical environmental influences on children's active transport and independent mobility**

2009 : \$ 10,751

2010 : \$ 20,965

2011 : \$ 26,747

2012 : \$ 16,532

Primary RFCD 3212 PUBLIC HEALTH AND HEALTH SERVICES

Collaborating/Partner Organisation(s)

VicHealth (Victorian Health Promotion Foundation)

Administering Organisation Deakin University

Project Summary

Childhood obesity is likely to have significant economic and social impacts on Australian society. Preventing further increases in this disease is crucial, particularly among children at high risk such as those living in rural or disadvantaged areas. The promotion of behaviours such as active transport may have a significant benefit for public health; however little is known about what influences active transport among children in rural or disadvantaged areas. This study will identify important factors influencing active transport and will directly inform strategies aiming to promote health and wellbeing, thereby creating a healthier generation of Australian children.

Summary of Linkage Projects Proposals for Funding to Commence in 2009

LP0991175 Prof S Nahavandi; Dr D Creighton

Approved Project Title **Distributed Real-time Multiobjective Scheduling for Joinery Manufacturing Processes using Discrete Event Simulation**

2009 : \$ 42,500

2010 : \$ 82,500

2011 : \$ 75,000

2012 : \$ 35,000

Primary RFCD 2903 MANUFACTURING ENGINEERING

APA(I) Award(s): 1

Collaborating/Partner Organisation(s)

Informatic Technologies Pty Ltd

Administering Organisation Deakin University

Project Summary

Australia's furniture manufacturing industry is a major contributor to the economic wealth of the Australian economy with an annual \$9.5 billion turnover. The Australian Furnishing Industry Association (AFIA) estimates that there are 15,000 furniture design and manufacturing firms, employing 66,000 people. However, Australian manufacturers are experiencing high levels of fixed cost (associated with plant and equipment) and low equipment-utilisation ratio and long delivery time. This research aims to enable Australian manufacturers to stay competitive in the dynamic global market, by providing a better strategy to allocate their constrained resources including workforces and facilities.

LP0990162 Dr P Staiger; Prof M Kyrios; Dr N Kambouropoulos; Dr SM Gruenert; Ms CM Long

Approved Project Title **Improving the retention rate for residential treatment of substance abuse by sequential intervention for social anxiety.**

2009 : \$ 34,369

2010 : \$ 69,274

2011 : \$ 34,905

Primary RFCD 3801 PSYCHOLOGY

Collaborating/Partner Organisation(s)

Odyssey House Victoria

Administering Organisation Deakin University

Project Summary

Alcohol and other drug use is a major social and medical problem, costing the Australian community an estimated \$7.6 billion annually. Mental health disorders have been closely linked with increased illicit drug use and physical health problems. Social anxiety (SAD) is highly prevalent amongst individuals presenting with drug and alcohol use disorders. Evidence suggests that social anxiety symptoms may be responsible for promoting excessive drug use and may be a particularly influential factor in poor treatment retention rates and promoting relapse. Thus, the focus on improving treatment outcomes for individuals with comorbid anxiety and drug use disorders represents an area of considerable importance both nationally and internationally.