

**South Australia**

**The Flinders University of South Australia**

**DP0877384** Prof CM Bull  
**Approved Project Title** **Lizard social networks and the spread of parasites**

**2008 :** \$ 100,000  
**2009 :** \$ 70,000  
**2010 :** \$ 70,000  
**Primary RFCD** 2707 ECOLOGY AND EVOLUTION

**Administering Organisation** The Flinders University of South Australia

**Project Summary**

Australian ecosystems are continually threatened by new epidemics of diseases and parasites, some local, others from overseas. Examples include the facial tumours of Tasmanian devils and the fungus that threatens many native frog species. To manage these epidemics effectively, we must understand how they spread through animal populations. This project will help to protect our fauna from invasive diseases. It contributes to sustaining the biodiversity of the country. With better knowledge of how diseases of wildlife spread, we can develop more effective control of those diseases thereby protecting wildlife species, animal populations and, ultimately, Australian ecosystems.

**DP0878774** A/Prof J Coveney; A/Prof PR Ward; A/Prof AW Taylor

**Approved Project Title** **Food and trust**

**2008 :** \$ 125,573  
**2009 :** \$ 160,000  
**2010 :** \$ 170,000  
**Primary RFCD** 3212 PUBLIC HEALTH AND HEALTH SERVICES

**Administering Organisation** The Flinders University of South Australia

**Project Summary**

The health, well-being and productivity of Australian society is absolutely dependent on a trusted food system. By knowing more about consumer trust in the food system, and in expert advice, we can better tailor ways to improve communication about health and food. We may avoid the problems that have developed in countries where low public trust has damaged the effectiveness of the systems to keep food safe and healthy, and in government and industry efforts to promote better eating habits. We will also be able to compare results with those in Europe to gain an international perspective on food trust.

**DP0877817** Prof AM Elliott; Prof CC Lemert

**Approved Project Title** **Australian Global Identities: Images of Globalization, Transnationalism and Individualism among New Expatriates**

**2008 :** \$ 64,000  
**2009 :** \$ 61,000  
**2010 :** \$ 62,000  
**2011 :** \$ 65,000  
**Primary RFCD** 3701 SOCIOLOGY

**Administering Organisation** The Flinders University of South Australia

**Project Summary**

Globalization is dramatically transforming Australian society. By exploring the neglected terrain of emergent 'Australian global identities', this research will benefit policy analysts, government and the public they serve. Research findings on how globalization influences the decisions of Australians to live and work abroad, promoting new lifestyles and international careers, will be used by organizations and government to shape policy in employment, education and professional development. The research will shed new light on the rising numbers of Australians working abroad, as well as detail ways Australia might better adapt to global institutional networking in order to attract expatriates back to Australia.

## Summary of Discovery Projects Proposals for Funding to Commence in 2008

**DP0878183** Dr AV Ellis; A/Prof NH Voelcker; A/Prof JG Shapter

**Approved Project Title** **Multifunctional mixed matrix membranes incorporating aligned carbon nanotubes.**

**2008 :** \$ 125,000

**2009 :** \$ 104,000

**2010 :** \$ 99,000

**Primary RFCD** 2501 PHYSICAL CHEMISTRY (INCL. STRUCTURAL)

**Administering Organisation** The Flinders University of South Australia

### Project Summary

The pressure on water supplies in Australia will only increase in coming years meaning that effective and cheap means of recycling water must be found. By developing a carbon nanotube-based water filtration system, we intend to promote the growth of Australia's world-class reputation in water remediation. The technological outcomes from this research will lead to direct economic and environmental benefits for the community and offer commercial opportunities for industry. Training research scientists of the future forms an integral part of our program as it is crucial to maintain a critical mass in this potentially forthcoming water based economy.

**DP0881261** Prof L Lack; Dr M Gradisar; Dr HR Wright; Prof MA Carskadon

**Approved Project Title** **The prevalence and cross-cultural comparison of daytime sleepiness in adolescents**

**2008 :** \$ 145,000

**2009 :** \$ 85,000

**2010 :** \$ 115,000

**Primary RFCD** 3801 PSYCHOLOGY

**Administering Organisation** The Flinders University of South Australia

### Project Summary

International research shows many teenagers have problems falling asleep and being sleepy during the day. This can be due to an irregular sleep pattern of insufficient sleep on school nights, and sleeping-in on weekends. These problems lead to poor outcomes, including poor school performance and negative moods. The aims of the project are to measure the extent of sleep problems in Australian teenagers and compare these to adolescents in the United States. Detection of teenager sleep problems in Australia could lead to significant community awareness and school policy developments as it has in the United States.

**DP0879152** Prof MA Luszcz; A/Prof KJ Anstey; Prof L Cobiac; Dr RB Walker; Dr MD Miller; Ms L Giles; Dr L Ward; Dr CM Hayles

**Approved Project Title** **How Individual and Societal Resources Contribute to Ageing Well through the Fourth Age: The Australian Longitudinal Study of Ageing**

**2008 :** \$ 160,000

**2009 :** \$ 190,000

**2010 :** \$ 180,000

**2011 :** \$ 80,000

**2012 :** \$ 71,352

**Primary RFCD** 3801 PSYCHOLOGY

APD Dr CM Hayles

**Administering Organisation** The Flinders University of South Australia

### Project Summary

People aged 85 and over represent the fastest growing sector of the Australian population. It is estimated that by 2051 Australia will be home to between 1.6 million and 2.7 million 85+ year olds. This project fills a pressing need for knowledge about determinants of quality of life, resilience and successful ageing in this rarely studied age group. Detailed information drawn from over 300 participants, all aged 85 and over, will lead the way to providing Australian communities and policy-makers with the understanding needed to plan for and manage this important demographic transition, and develop services directed at optimising health, functioning and meaningful engagement.

## Summary of Discovery Projects Proposals for Funding to Commence in 2008

**DP0879695** Prof R Maltby; Dr M Walsh; Dr K Bowles; A/Prof D Verhoeven; Prof JJ Matthews; A/Prof CA Arrowsmith

**Approved Project Title** **Mapping the movies: the changing nature of Australia's cinema circuits and their audiences 1956-1984**

**2008 :** \$ 157,944

**2009 :** \$ 101,486

**2010 :** \$ 76,486

**2011 :** \$ 52,972

**Primary RFCD** 4103 CINEMA, ELECTRONIC ARTS AND MULTIMEDIA

**Administering Organisation** The Flinders University of South Australia

### Project Summary

Support for film production is a high profile component in Australian cultural policy, but the cultural and commercial opportunity represented by cinema exhibition and attendance is less well understood. Focusing on the three decades after the introduction of television in 1956, this project is the first of its kind to use geospatial visualisation to map the social and economic circuits of cinema-going, and to identify the variables that explain cinema diversification, survival or closure. It will contribute to policy analysis in terms of local media access modelling, and will consolidate this team's international reputation for innovative Australian research in the representation of historical data.

**DP0878901** Dr N Weber; Prof TJ Perfect

**Approved Project Title** **Improving eyewitness identification accuracy using free-report lineups**

**2008 :** \$ 73,814

**2009 :** \$ 66,474

**2010 :** \$ 66,474

**Primary RFCD** 3801 PSYCHOLOGY

**Administering Organisation** The Flinders University of South Australia

### Project Summary

There is major national and community interest in the successful conduct of criminal investigations. This research addresses the accuracy of eyewitness identification tests. Specifically, we investigate whether developing lineup procedures that separate out witnesses who are unsure of their response will prevent erroneous identifications. Progress on this issue makes an important contribution to decisions about the ideal lineup procedure, thereby preventing innocent people from being prosecuted and perpetrators being free to re-offend. Additionally the international collaboration on the project will increase the visibility of Australian social science research and provide crucial development opportunities for young Australian scientists.

**DP0877309** Dr M Wenzel

**Approved Project Title** **When and why forgiveness promotes justice**

**2008 :** \$ 50,000

**2009 :** \$ 50,000

**2010 :** \$ 50,000

**Primary RFCD** 3801 PSYCHOLOGY

**Administering Organisation** The Flinders University of South Australia

### Project Summary

Responding to victimisation with forgiveness has been credited with many positive effects; for individual victims in terms of their mental health, for the maintenance of social relationships, as well as for the reconciliation between larger groups after conflict. This research project will identify processes and conditions that make forgiveness more conducive to victims' sense of justice, and thus a more satisfying and effective response option. Next to advancing Australia's scholarship in this vibrant research field, the findings will help administrators give victims a sense of justice while repairing interpersonal and intergroup relations important for a healthy social fabric.