

Summary of Applications Discovery - Indigenous Researchers Development to Commence in 2005

New South Wales

University of Western Sydney

DI0561141 Mr GH Bodkin Andrews; A/Prof RG Craven

Title: **New Solutions For Maximising Secondary Indigenous Students? Full Potential: Identifying Causal Constructs That Enhance Indigenous Students' Aspirations and Educational Outcomes**

2005 : \$25,544

2006 : \$12,398

Category: 3301 - EDUCATION STUDIES

Administering Institution: University of Western Sydney

Summary:

The proposed research offers important educational and social benefits for righting the disadvantaged status of Indigenous Australians within the secondary education system. Identifying specific psychological constructs that act as potent keys directly impacting on Indigenous students educational aspirations will eventually assist Indigenous students in reaching their full potential. In identifying these causal constructs, potent new interventions can then be created to enhance Indigenous schooling, create a stronger capital base in Aboriginal communities, and ensure a stronger Indigenous Australian representative population who will aid in shaping a better future for Australia.

DI0560709 Mrs DE Wray; A/Prof RG Craven

Title: **The Benefits of HSC Aboriginal Studies: Disentangling the Impact on Indigenous Students? Self-Concepts and Educational Outcomes**

2005 : \$21,444

2006 : \$17,187

Category: 3301 - EDUCATION STUDIES

Administering Institution: University of Western Sydney

Summary:

The HSC Aboriginal Studies course was introduced into NSW secondary schools in 1991 however the anticipated positive impact of this course on Indigenous students' self-concepts and educational outcomes has not been evaluated. This research aims to evaluate the impact of this course on Indigenous students' self-concepts and educational outcomes in order to: Identify strengths and limitations of this course as a basis of strengthening curriculum; identify new solutions for enhancing the tangible impact of this course on desirable educational outcomes for Indigenous students, and result in increasing Indigenous students' participation and retention in the HSC to predicate important further education, employment and life opportunities.

Victoria

The University of Melbourne

DI0560757 Mr SA Bellingham; A/Prof J Camakaris; Prof DK Lahiri; Dr R Cappai; Prof CL Masters

Title: **Identification and Characterisation of Genes involved in the Copper Regulation of the Human Alzheimer's Disease Amyloid-Beta Precursor Protein (APP) Gene**

2005 : \$82,322

2006 : \$78,574

Category: 2702 - GENETICS

RC- Mr SA Bellingham

Administering Institution: The University of Melbourne

Summary:

Alzheimer's disease (AD) is the most common form of dementia in the ageing population. This research project aims to identify and characterise new genes involved in the copper regulation of the Alzheimer's disease gene. This may lead to the development of novel therapeutic targets and clinical intervention strategies as well as early diagnostic procedures in preventative healthcare for the treatment of AD. The benefits would affect the international community as a whole, potentially minimising the socio-economic costs arising from the predicted world-wide increase in AD in the ageing population.

DI0560958 Dr D Leslie; Dr CR Marshall

Title: **Spiritual Journeying and Cross- culturalism: The Art of Tim Johnson**

2005 : \$88,262

2006 : \$78,481

Category: 4199 - OTHER ARTS

RC- Dr D Leslie

Administering Institution: The University of Melbourne

Summary:

This project will benefit the Australian community through new research on Tim Johnson , one of Australia's outstanding contemporary artists. Its exploration of the spiritual nature and the cross-cultural aspects of his work, especially in relation to Aboriginal Art, will provide a strong basis for further comparative research on the history of the relationship between art and spirituality in contemporary Australian art. The resulting book and possible exhibition on this artist will make the fruits of this Research widely known in the community.

South Australia

The Flinders University of South Australia

DI0560542 Ms S Tur; Dr C Nicholls; A/Prof TA Bunda

Title: **TOWARD ANANGU PEDAGOGICAL APPROACHES TO TRANSMISSION OF KNOWLEDGE AND PARALLEL EDUCATIONAL PARADIGMS: Song-cycle from senior women of the Antikirinya/Yankuntjatjara**

2005 : \$30,360

2006 : \$30,360

Category: 3301 - EDUCATION STUDIES

Administering Institution: The Flinders University of South Australia

Summary:

The need for understanding Anangu pedagogical approaches to transmission of knowledges is toward an Australian priority to develop schooling that upholds Indigenous interests. The structure of the project calls for a comprehensive literature review and data collection via interviews around Anangu Song-Cycle. While others researchers have touched upon Song-Cycles, in depth-analysis of the specific context of Anangu Song-Cycles are largely unexamined. To date there have been no analysis conducted by Anangu academics themselves. The implementation of the research findings will have implications for Anangu communities in the changing way schools construct curricula and knowledge transmission for Anangu.

