



**POSTGRADUATE  
RESEARCH TRAVEL  
AWARDS 2004**





# THE UNIVERSITY OF WESTERN AUSTRALIA

CONVOCATION,  
THE UWA GRADUATES ASSOCIATION

## **POSTGRADUATE RESEARCH TRAVEL AWARDS**

The UWA Graduates Association Postgraduate Research Travel Awards are provided to assist full-time postgraduate research students of The University of Western Australia in their research by providing an opportunity to travel interstate or overseas to augment their research. One award is provided from income from The University of Western Australia Visacard Scheme with BankWest. The remaining awards are provided from donations by graduates of the University and from funds provided by the University Research Committee, the Postgraduate Students Association and the UWA Student Guild.



ANNOUNCEMENT AND PRESENTATION  
OF CONVOCATION,  
THE UWA GRADUATES ASSOCIATION

POSTGRADUATE RESEARCH TRAVEL AWARDS FOR 2004

MONDAY, 10<sup>TH</sup> NOVEMBER 2003

UNIVERSITY HOUSE

REFRESHMENTS (5.30 PM)

WELCOME (6 PM)

by Mr Peter Clifton, Warden of Convocation, the UWA Graduates Association

ADDRESS

Professor Graeme Martin, Interim Dean of the Postgraduate Research School

PRESENTATION OF AWARDS

*Geoffrey Kennedy Postgraduate Research Travel Award*

*Alex Cohen Postgraduate Research Travel Award*

*BankWest Postgraduate Research Travel Award*

*Postgraduate Research Travel Awards x 4*

ADDRESS

Mr David Robinson, Discipline of History  
recipient of a Postgraduate Research Travel Award for 2003

CLOSE

by the Warden, Mr Peter Clifton



ABDOLMALEKI, KOUROSH

03570562

School of Oil and Gas Engineering  
Numerical simulation of green water loading on FPSO structure using “level set methods”.



ABE, HITOFUMI

0081055

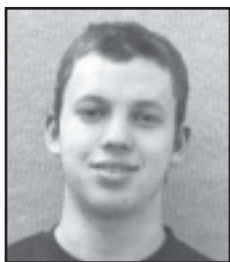
School of Plant Biology  
A forest census of permanent sampling plots and biomass sampling plots in lowland tropical rain forest in Papua New Guinea.



BAKER, KATHERINE

0156752

Faculty of Natural and Agricultural Sciences  
The seed ecology of fire ephemerals in mediterranean ecosystems of Australia, focusing on the influence of burial on seed responsiveness to germination stimulants such as smoke.



BERVEN, BRADLEY

9702954

School of Biomedical and Chemical Sciences (Chemistry)  
The clean production of commercially important polymers in supercritical CO<sub>2</sub> using novel transition metal catalysts containing perfluoroalkyl chains.



BOAG, JOANNE

0353753

Division of Children’s Leukaemia and Cancer Research  
The molecular characterisation of relapsed childhood acute lymphoblastic leukaemia.



CHAN, ANGELA CY

9915622

Cancer Biology, Telethon Institute for Child Health Research  
Investigating genes that affect the thymic double negative to double positive transition and the implications for T-cell leukaemogenesis.



COLLINS, MARGARET

7202693

School of Earth and Geographical Sciences  
Orchid conservation biology and taxonomy.



DAVIS, BRONWYN

Faculty of Education  
Implementing change within a school structure: a case study of a middle school.



DZIMINSKI, MARTIN

0156882

School of Animal Biology  
Development of microsatellite primers and learning of molecular techniques for amphibians for investigating the evolution of variable maternal provisioning.



EATON, JACKSON

9813814

School of Psychology  
Automatic behavioural consequences of stereotyping and evaluating social group members.



EDGE, JOHANN

0108344

School of Human Movement and Exercise Science  
Measurement of MCT's after exercise training; MCT's are important regulators of muscle metabolism and ion transport.



FILIPOVIC, AMER

9918395

School of Computer Science and Software Engineering  
Communications software for wireless networks that detects changes in its local wireless landscape and automatically adjusts its behaviour to optimise its own performance.



GARGETT, ANDREW

8513804

Graduate School of Education  
The theory and application of non-monotonic and computational logics.



GEORGE, NICHOLAS

9810366

Faculty of Natural and Agricultural Sciences  
Molecular phylogenetics, fodder quality and reproductive biology of the species *Acacia saligna*, to facilitate its development as a crop species to combat dryland salinity.



HO, WING WAH

0366331

Faculty of Arts, Humanities and Social Sciences  
Observations of the same-sex experience in contemporary China through literature, through fieldwork in Beijing, and through the internet, studying where they coincide, where they differ, and how their dynamic relationship is developing.



HOLTHOUSE, DAVID

880870X

Cancer Biology, Telethon Institute for Child Health Research  
Use of new statistical methods on analysis of U133A gene chips derived from brain tumor specimens to screen for cancer genes.



HINDOW, NICOLE

9913234

School of Biological and Chemical Sciences  
The synthesis and attachment of bimetallic clusters to mesoporous silicas for use as gas-to-liquids catalysts.



HOON, CHANG YAU

9840702

Faculty of Arts, Humanities and Social Sciences  
The 'resurgence' of Chinese culture as reflected in popular culture in post-1998 Indonesia, examining issues associated with globalisation and diasporic communities.



JOHNSTON, AMANDA

9813116

School of Women's and Infants Health  
The impact of prenatal synthetic glucocorticoid exposure on the number of functional units in the term sheep kidney using unbiased stereological techniques.



KEDZIOR, KARINA

0067147

School of Psychiatry and Clinical Neurosciences  
Biological association between cannabis use and schizophrenia.



KLOPPER, ABIGAIL

9721546

School of Physics

Theoretical and computational studies on disordered magnets and related 'glassy' systems.



KOHN, ALLISON

9019143

Faculty of Arts, Humanities and Social Sciences

A descriptive grammar of Nyiyaparli, a language of the eastern Pilbara region of Western Australia.



LENGKEEK, NIGEL

9702256

School of Biomedical and Chemical Sciences

Applications of functionalised macrocyclic systems to interesting and potentially lucrative areas, such as, electrocatalysis and liquid crystal technology.



LIM, JASON

0354497

Faculty of Arts, Humanities and Social Sciences

The impact of British colonial policies on the trade of tea between China and Singapore, and the rivalry between Chinese tea traders and British agency houses.



MCCARTHY, SHANE

9708469

School of Physics

Component fields in nonlinear self-dual supergravity.



MICHAEL, PIPPA

9810496

School of Plant Biology  
The agro-ecology of *Malva parviflora* (small-flowered mallow)  
in Western Australian farming systems.



NEALON, GARETH

9801945

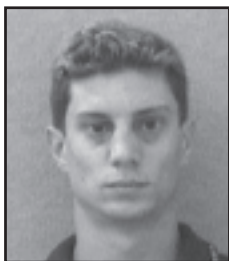
School of Biomedical and Chemical Sciences  
Synthesis, properties and application of some novel  
amphiphiles.



NISHINO, RYOTA

0355364

Faculty of Arts, Humanities and Social Sciences  
The nature of nationalism, ethnocentrism and racism through  
an attempt to create a comparative history of school history  
textbooks used in Japan and South Africa, ca. 1945-1990.



NOBLE, PETER

9721641

School of Biomedical and Chemical Sciences  
Measurement of *in vivo* and *in vitro* airway narrowing in dogs.



O'HARA, KIRRILY

0156606

Asthma and Allergy Research Institute  
Cloning and characterising the human oncostatin (OSM)  
receptor complex (OSMBR/gp130)



O'SHAUGHNESSY, KATE

9455610

Faculty of Arts, Humanities and Social Sciences  
History of women's divorce negotiation in Java and Singapore,  
noting how conflicts between customary and civil law affect  
women's property settlements.



PANT, SUDEEP

0065631

School of Civil and Resource Engineering  
Characterisation of brittle fracture mechanism in compression.



PENG, SHUZHANG

0253548

School of Mechanical Engineering  
Acoustical wave propagator (AWP) technique is applied in  
investigating the wave propagation, scattering and dynamic  
stress concentration in complex structures.



REES, JESKA

9722760

Faculty of Arts, Humanities and Social Sciences  
Historical research in Leeds (UK) examining feminist responses  
to local issues pertaining to sexuality, and in particular, sexual  
violence.



RHUHUPATTY, LEROY

0170348

Business School  
Determination of the value relevance of asset revaluations and  
the motivations behind it.



SCHEDIWY, SASCHA

0353343

School of Physics

Utilisation of the optical spring effect, to determine the likelihood of parametric instability in high optical power interferometric gravitational wave detectors such as the planned advanced LIGO and also the Australian gravitational-wave observatory.



SHAWCROSS, HENRY

951748X

School of Social and Cultural Studies

Sex and gender diversity.



STINGEMORE, JADE

9920509

School of Anatomy and Human Biology

Reconstruction of living conditions on Bernier and Dorre Islands during the period of the Lock Hospitals (1908 – 1918) through a forensic, archaeological, historical and ecological study.



WARD, NATALIE

0056756

School of Medicine and Pharmacology

The effects of dietary supplementation with antioxidants on blood pressure, oxidative stress and endothelial function in hypertensive subjects.



WINGER, ALISON

0353335

School of Biomedical and Chemical Sciences

Investigation of the effect of the lipid peroxidation product 4-hydroxy-2-nonenal on the plan mitochondrial electron transport chain.



ZILLMANN, NADINE

0355285

School of Human Movement and Exercise Science  
A cross-national survey on the constructs of social physique anxiety and physical self-concept in normal weight and overweight adolescents from Australia and Germany.



ZOFKOVA, MAGDALENA

0255211

School of Animal Biology  
Biogeography, taxonomy and molecular phylogeny of Australian clam shrimps.