University of Western Sydney Research Admission and Scholarship Application	University of Western Sydney Bringing knowledge to life

Priority Postgraduate Research Awards
PROJECT DESCRIPTIONS

Level of Award: Stipend and Provisions Tenure Closing Date	Doctorate unless otherwise stated Each scholarship will provide a tax-free stipend of $28,837 in 2005. The stipend rate will be indexed annually. The tenure for doctorates is 3 years and for Masters Honours, 2 years 14 March 2005
Scholarships are available in the following Schools/Research Centres:	Australian Expert Group in Industry Studies (AEGIS) Centre for Complementary Medicine Research (CompleMED) Health Informatics Research Group (HIRG) MARCS Auditory Laboratories (MARCS) School of Engineering and Industrial Design

Australian Expert Group in Industry Studies (AEGIS)

AEGIS is a designated Research Centre of the University of Western Sydney located within the College of Law and Business. The Centre's research investigates industrial dynamics, organisational innovation and improvement, science and technology, knowledge systems, and the role of government policies in these areas. The research agenda is currently focused on the technological, industrial, scientific, and business institutions and policy mechanisms that underpin innovation and development.

Multidisciplinary research programs incorporate three levels of analysis: at national and international levels, through the study of global processes and change and the role of government policies in promoting socially and economically sustainable innovation; at regional levels through the study of the 'spatial' analyses of innovation such as cross-border clusters, innovation spill-overs and trans-regional value flows; and at sectoral and organisational levels within firms and research organisations. AEGIS is offering a scholarship to a suitable doctoral student with an interest in pursuing research in one of these areas.

Academic Contact: Professor Tim Turpin, Ph: + 61 2 8255 6200, E: t.turpin@uws.edu.au

Centre for Complementary Medicine Research (CompleMED)

The Centre for Complementary Medicine Research, University of Western Sydney, is seeking a doctoral candidate to undertake a project with a broad focus on the health economics of complementary medicine.

Complementary medicine (CM) is now used by a broad population group in most western countries, with a turnover in Australia alone estimated at $2.3 billion per annum. Whilst there are various reasons for the uptake of CM, it is important for consumers, health insurers, and health care professionals to understand the relative costs and benefits of procedures. Whilst significant flexibility is offered to the candidate it is expected that the research will include some aspects of health economics CM, including a systematic review of previous reports, and undertaking new cost comparisons and cost effectiveness analyses. The candidate may choose a broader macro-economic perspective and/or focus on specific CM therapies such as acupuncture, manipulative therapies, herbal medicine and nutritional medicines, both in terms of preventative care and disease management. With the increased prevalence of chronic disease and the spiraling demands on the Pharmaceutical Benefits Scheme these analysis may represent an important contribution to the policy formation.

Criteria

Academic qualifications in a relevant discipline such as economics, public health, or epidemiology. Candidates with qualifications in related disciplines are also encouraged to apply. Demonstrated research experience or publications will assist the application.

Candidate arrangements

- Principal Supervisor: Professor Alan Bensoussan
- Located at Bankstown Campus, University of Western Sydney
- Project funds of approximately $2000 will be available to support research activities

Academic Contact: Professor Alan Bensoussan, Ph: + 61 2 9772 6363 E: a.bensoussan@uws.edu.au

School of Engineering and Industrial Design

Project: Computer-aided Cartooning

Level of Award: Masters (Hons) (2 year scholarship)

This project aims to develop a computer-aided cartooning system with a focus on accelerating image-related processes in cartoon production. Major tasks of the project include drawing vectorization, key-frame matching, automatic in-betweening and automatic painting. The targeted applications include entertainment, education and the Internet.

Criteria

- Academic qualifications in computer engineering, computer science, or a related discipline
- Excellent C++ programming skills
- Good understanding of computer graphics and image processing techniques

Academic Contact: Dr Jeffrey Zou, Ph: + 61 2 4736 0312, E: j.zou@uws.edu.au

MARCS Auditory Laboratories (MARCS)

Project: Infant speech and music perception, language and music development, hearing impairment and sign language.

Criteria:

- First class Honours degree in Psychology or equivalent qualifications
- An interest in human auditory perception
- Motivation, diligence and eagerness to success

The MARCS Auditory Laboratories is a Centre of Excellence at the University of Western Sydney, specialising in:

- Speech and language
- Music cognition
- Communicative musicality
- Speech technology, hearing
- Second language acquisition
- Human factors and performance
- Infant studies
- Human movement

Resources:

At MARCS we provide postgraduate students with:

- Expert supervision in their chosen area
- Lively and supportive intellectual environment
- State of the art laboratory facilities
- Liberal conference support throughout candidature
- Dedicated postgraduate rooms, including computer, phone etc.
- Financial support for equipment, professional requirements etc.

Location:

MARCS is at the Bankstown campus of UWS, close to the centre of Sydney (25 minutes on the M5 motorway)

Academic Contact: Associate Professor Kate Stevens, Ph: + 61 2 9772 6324, E: kj.stevens@uws.edu.au

Health Informatics Research Group

Health Informatics Research (HIR) within the School of Computing and IT focuses on computing and IT research that is applied within the domains of health and medicine. We have several current research projects and new research projects due to commence in 2005. Research areas include, but are not limited to:

- Intelligent Decision Support Systems
- Multi-Agent Systems for Data Mining
- Data Mining Methodologies and Frameworks
- Data Stream Processing
- Event Correlation
- Patient Journey Modelling Tools and Techniques
- Web Services
- Transmission Protocols to support the transmission of medical data
- Content Based Image Retrieval
- Use of PDAs within Health and Medicine.

We have established collaborations with clinicians from local area health services in addition to researchers in Canada and USA and are establishing further collaborations. Preference will be given to candidates expressing interest in research in the areas of data mining times series data and the application of web services to support intensive care units (ICUs).

Academic Contact: Dr Carolyn McGregor, Ph: + 61 2 4736 0476, E: c.mcgregor@uws.edu.au

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Bringing knowledge to life

Priority Postgraduate Research Award

NOTES AND INSTRUCTIONS

PLEASE READ THESE NOTES AND INSTRUCTIONS CAREFULLY BEFORE COMPLETING THE APPLICATION FORM

Scholarship details

Each scholarship provides a tax-free, index-linked stipend of at least **$28,837** per annum.
The tenure for doctorates is usually three years, and for research masters two years. The tenure of the award will be reduced by any previous study undertaken toward the degree.

Scholarship recipients are restricted in the amount of paid work they may undertake while receiving the award and are not allowed to receive another, similar salary or scholarship to undertake their particular research project. Minor top-up allowances are allowed.

Part-time awards: Part-time awards are not exempt from income tax and the paid work limits are the same for part-time and full-time students. Applicants may apply for a part-time award on the grounds that they are prevented from studying full-time due to illness, disability, heavy care commitments of either young children or elderly/sick relatives. Applicants for part-time awards must include a statement outlining their eligibility and include appropriate documentation (eg. medical certificates).

Eligibility for Scholarships

Applicants for awards must be granted admission into a research higher degree by the time of scholarship allocation and, except in particular circumstances, be intending to enrol full-time. Completion of this Application Form constitutes your application for admission to a research higher degree. Applicants are ineligible for scholarships if they already hold a degree at the same level as the one for which they are applying.

Eligibility for Admission into a Research Higher Degree

Applicants need to demonstrate prior research experience, either through an appropriate course of study, such as Honours, a postgraduate coursework degree that includes a substantial research component, or a coursework degree and additional research experience or output. Refer to the UWS website for further information: http://www.uws.edu.au/about/adminorg/devint/ors/degrees/prospective

Any applicants who are hoping to transfer from another university (with or without scholarship) should be aware that as per the Research Training Scheme Guidelines they may not be able to 'restart' their maximum time period at UWS.   If you are in this category you should confirm how much time you will be allocated at UWS. New students will be allocated a maximum of four years for doctorates and two years for Masters Honours (full time) in which to complete the degree.

Applications Close 14 March 2005

COMPLETING THE FORM – Instructions and explanatory notes	
Applicant Details:	Past and present UWS students should indicate their student ID number. Please remember to inform the University if your contact details change.
Question 1	Please indicate your choice by placing a tick in the relevant box.
Question 2	You are applying for the Priority Postgraduate Research Award. Please insert the name of the School or research centre you are applying to.
Question 3	If you are an international student (i.e you are not an Australian citizen, New Zealand Citizen or Australian Permanent Resident) you are ineligible to apply for these scholarships.
Required Attachment	All applicants must attach certified (see p2 of application form) proof of their residency status – certified copy of visa, passport, birth certificate or citizenship papers etc.
Specified Attachment	Recent permanent residents whose courses were all completed overseas must attach evidence that the language of instruction was English, or attach an English Language test result.
Question 4	Include ALL ATTEMPTED tertiary level courses. It is important to indicate at 'Course Type' whether you conducted independent research projects during your postgraduate studies, and what proportion of the whole degree the project/s represented.
Specified Attachment	Students whose courses were all completed overseas must attach evidence that the language of instruction was English, or attach an English Language test result.
Required Attachment	All applicants must attach certified copies (see p2 of Application Form) of Testamurs (certificates of graduation) AND academic transcripts for all courses showing subjects undertaken and marks obtained.
Question 5	Prior to submitting your application you are advised to contact the nominated academic to discuss the project (see list of projects).
Required Attachment	All applicants – attach your Curriculum Vitae. Applicants for 'scholarship only' must also attach a brief (one page) progress report and a timeline for completion.
Question 6	Include any additional research experience, summer research projects, research outcomes such as publications, exhibitions, performances or conference presentations and any relevant work experience.
Specified Attachment	List publications in full, including bibliographic details - clearly show where and when published (including page numbers), and authors. Any conference presentations listed should include details of the name and location/date of the conference and if the paper was published in proceedings. You may be asked to forward full copies of publications later, but should not include them with your application.
Question 7	Australian Government awards also include Australian Postgraduate Awards, Australian Postgraduate Awards (Industry) and International Postgraduate Research Scholarships.
Question 8	You should choose referees who are familiar with your recent academic work or research. You must complete the appropriate section on the attached referee reports and send them to the people nominated here, but should note that UWS also reserves the right to approach the referees personally if required.
Submitting the Application	'The Application' consists of the completed form plus all attachments as outlined above. You must submit the full application and ATTACH TWO ADDITIONAL PHOTOCOPIES OF THE COMPLETE APPLICATION. You are strongly advised to make one more copy for yourself. Applications submitted without the requested number of photocopies may not be considered.

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APPLICATIONS CLOSE 14 MARCH 2005

TYPE OR PRINT ALL ANSWERS CLEARLY

Applicant Details   UWS Student ID (if applicable)

Title   Given Names (underline preferred)   Surname

Address: --

Daytime Phone: --------------------
Mobile Phone: --------------------
Email Address: --------------------
Date of Birth: --------------------

Question 1

I wish to apply for:

Admission and Scholarship	❒ (usually full-time study only)	
Scholarship Only	❒	

At course level: ❒ Doctorate   ❒ Masters Honours

Question 2 - Scholarship

Scholarship Applied For: **PRIORITY POSTGRADUATE RESEARCH AWARD** --------------
In which School or Centre?   --

Question 3 – Citizenship/Residency

❒ I am an Australian Citizen   ❒ I am a New Zealand Citizen

❒ I am an Australian Permanent Resident

Question 4 – Academic Qualifications

UNDERGRADUATE – include present enrolment

Course Title	Institution	Number of years of study	Part-time or full-time	Year Completed

POSTGRADUATE – include present enrolment

Course Title	Course Type	Institution	Number of years of study	Part-time or full-time	Year Completed

Were any of the courses listed in Question 4 completed outside of Australia?
Course: _____ Language of Instruction: _____

Did any of the courses listed in Question 4 contain a research component?
Course: _____ Word length: _____ Title: _____

Question 5 – Proposed Research

Currently enrolled students:
Supervisor Name _____ Project Title _____
_____

Prospective Students:
Who have you contacted to discuss your proposed project? _____
_____

Question 6 – Supporting Information

Have you attached details of research experience additional to courses at Question 4?	❏ Yes	❏ No
Have you attached details of publications and/or other research output?	❏ Yes	❏ No
Have you attached other supporting documentation?	❏ Yes	❏ No

Question 7 – Previous Scholarship Support

Have you previously received an Australian Government award? ❏ Yes ❏ No
Name of Award: _____
Year Awarded: _____ Tenure of Award: _____ Years _____ Months
Awarded by which institution? _____

Question 8 – Academic Referees

Please provide the contact details of two academic referees who are familiar with your recent academic work.

REFEREE 1
Name   Position Held: _____
Postal Address _____
_____
_____
_____
Email _____ Daytime Phone _____

REFEREE 2
Name   Position Held: _____
Postal Address _____
_____
_____
_____
Email _____ Daytime Phone _____

SUBMITTING THE APPLICATION

Certified Copies: Documents must be certified by any of the following: A Justice of the Peace, Bank Manager, Solicitor, senior Police Officer, School Principal, employee of the University of Western Sydney. The signatory must write the following statement on each certified copy

'This is a true copy of the document sighted by me"

and also record their name, address, contact telephone number and profession. A stamp of the organisation should be affixed if applicable.

Scholarship   Ms Tracy Mills
Enquiries: t.mills@uws.edu.au
                   Phone: +61 2 4736 0966

Admission Enquiries: Student Administration Postgraduate Research Unit
                       sa-research@uws.edu.au
                       Phone: +61 2 4736 0665

Is your application complete?

We cannot always undertake to inform you of missing or incorrect documentation. Please use the checklist below to ensure that your application is complete.

If you require confirmation of receipt of this application please enclose a STAMPED, SELF ADDRESSED ENVELOPE. A date-stamped photocopy of the checklist page will be returned to you.

CHECKLIST

Your name   --

Have you completed all relevant sections of the form?	❑ Yes	❑ No

REQUIRED ATTACHMENTS:

Certified copy of residency/citizenship status (Q3)	❑ Yes	❑ No
Certified copy of ALL tertiary graduation certificates (Q4)	❑ Yes	❑ No
Certified copy of ALL academic transcripts (Q4)	❑ Yes	❑ No
Research progress report and timeline(Q5)	❑ Yes	❑ No
Curriculum Vitae attached	❑ Yes	❑ No

OTHER ATTACHMENTS:

Certified proof of English language eligibility (Q4)	❑ Yes	❑ No
Extra supporting information re publications etc (Q6)	❑ Yes	❑ No

ACADEMIC REFEREE REPORTS:

Applicant sections completed	❑ Yes	❑ No
Referee Reports forwarded to referees	❑ Yes	❑ No

IF THERE ARE ANY ITEMS THAT YOU NEED TO SEND SEPARATELY YOU MUST ATTACH A NOTE INDICATING WHEN THEY WILL BE FORWARDED. When forwarding separate items please ensure they are clearly labelled with your name and the type of application as at Q 1.

ONE ORIGINAL (APPLICATION FORM **PLUS ALL ATTACHMENTS**) AND TWO FULL PHOTOCOPIES must be forwarded to the address below.
Staple each set securely with the form at the front and the attachments in question order. Please do not enclose in special files or folders.

Student Administration Postgraduate Research Unit
Kingswood Campus, Building K1
University of Western Sydney
Locked Bag 1797
PENRITH SOUTH DC NSW 1797

DECLARATION AND SIGNATURE

I declare that the information supplied by me on this form is complete, true and correct in every particular.

I authorise the institution to obtain from other educational institutions and relevant authorities *at any time* details of my enrolment, academic record, examination results and bond status, including details of enrolment variations, attendance and addresses. I understand that the University reserves the right to vary or reverse any decision regarding enrolment made on the basis of incorrect or incomplete information.

I agree to abide by the institution's conditions of award as amended from time to time.

Signature of Applicant

Name of Applicant

Date

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Academic Referee's Report
CONFIDENTIAL
(not to be returned to applicant)

The applicant must submit one copy of this form to each of the referees nominated on his/her application form. These referees should be closely connected with the applicant's most recent academic work.

The *applicant* should complete Section 1 (below) and the *referee* should complete Section 2.

Section 1: (To be completed by the APPLICANT - please print or type)

Surname of applicant:	Given Name:
Address (for correspondence):	
Email:	Tel:
Degree sought:	
Scholarship applied for (if applicable): **PRIORITY POSTGRADUATE RESEARCH AWARD**	
Proposed research area:	

Section 2: (To be completed by the REFEREE - please print or type)

Name of Referee:	Position or title:	
Address:	Tel:	Email:
State briefly how you know the applicant.	If appropriate please indicate PREDICTED Honours or other result.	

Please mark appropriate box with a tick	Not Observed	Below average	Average	Very Good	Excellent
Ability to express ideas					
Command of spoken and written English					
Critical ability					
Initiative and motivation					
Perseverance in pursuing aim					
Ability to plan/complete work within a strict timeframe					
Command of techniques required for proposed research					

To assist us to assess the application please indicate why you believe that this applicant would be suitable for a place in the proposed research degree. If applicable please indicate your level of support for receipt of a scholarship.

Signature   Date

Your assistance is very much appreciated.

MAIL TO YOUR COMPLETED APPLICATION TO:

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       University of Western Sydney
       Locked Bag 1797
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TO ARRIVE BEFORE THE CLOSING DATE OF 14 MARCH 2005

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