

Research & Innovation News

University of Wollongong



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Issue 4 – December 2004 and January/February 2005

Research Student Centre What's on & What's New

2004 Research Supervisor of the Year Award

NOMINATIONS NOW OPEN

- Is your research supervisor enthusiastic about your research?
- Does your research supervisor assist you to acquire additional skills and knowledge relevant to your research?
- Is your research supervisor responsive to your particular needs (eg. if you are working, a part-time student, a parent, different cultural background)?
- Is your research supervisor open to communication at times other than those formally specified?
- Do you feel that your research supervisor is supportive at all times (the good and the bad days along the rocky road of research)?
- Does your research supervisor meet with you on a regular basis at a mutually convenient time?

If you have responded positively to all of the above, you have one outstanding research supervisor on your hands! Please don't keep this knowledge to yourself, but share it with all higher degree research students and staff by nominating your supervisor for the 2004 Research Supervisor of the Year Award. It's the least you can do!

The **nomination form** can be **downloaded** at <http://www.uow.edu.au/research/rsc/files/supervisor/supervisor-of-the-year-2004.pdf> or you can get a hard copy from the Research Student Centre or WUPA.

The **closing date** will be **Monday, 28 February 2005** so get your nominations in as soon as possible.

Higher Degree Research (HDR) Student Day Conference 2005

The Research Student Centre will be holding the Higher Degree Research Student Day Conference on Thursday, 29 September 2005. The research conference will be an opportunity for students to showcase their research to their peers, academic staff and industry.

Further information regarding the research conference will be made available in future newsletters. Keep an eye on this space!

Higher Degree Research Student Seminar Series

The HDR Seminar Series Program is a free of charge program specifically designed for HDR Students. It is organised into separate modules, which deal with different aspects of the research candidature. Students who are at different stages of their research degree may find some modules more relevant than others and may choose which modules they wish to attend.

You can keep your eye on the HDR Student Seminar Series at <http://www.uow.edu.au/research/rsc/news/seminars/> for the 2005 program.

Annual Progress Reports are now overdue

2004 Annual Progress Reports (APR) were released to HDR students on 12 October 2004. The APR process for Higher Degree Research (HDR) students is now via SOLS.

Guidelines for students, academic staff and a set of FAQs are available at <http://uow.edu.au/research/rsc/hdrhb/annual-progress-reports.html>

HDR candidates will not be enrolled for 2005 unless a completed APR is received.

Higher Degree Research (HDR) Student Orientation and Enrolment Day

The compulsory autumn session Higher Degree Research (HDR) Student Orientation and Enrolment Day for HDR students will be held from 10.00am on Tuesday, 22 February 2005.

If you have any questions about this event or your enrolment or to register for the program, please contact Jessica Orellana, HDR Events Officer in the Research Student Centre on (02) 4221 5454,

Jessica_Orellana@uow.edu.au, or go to <http://www.uow.edu.au/research/rsc/news/orientation/>

Note for continuing students – Re-enrolling students will be automatically processed on receipt of a completed APR.

Are you going to submit your thesis for examination soon?

If you are about to submit your thesis for examination, please note the following deadline:

In order to avoid incurring fees for Autumn Session 2005 (including international tuition fees and student body charges), you must submit your thesis by 31 March 2005. If you submit your thesis after this date, you must enrol for Autumn session and pay the appropriate fee. Please note that you must be enrolled at the time of Submission.

For further information, please contact Julie King, Thesis Officer in the Research Student Centre, on (02) 4221 3208 or Julie_King@uow.edu.au

UOW Code of Practice – Research

- Are you familiar with the UOW Code of Practice – Research?
- Do you understand what research misconduct is?
- Are you aware that as a research student you are expected to abide by the code?

This code provides guidance on what constitutes accepted standards of conduct for all staff and students engaged in research. All research activities are covered by this Code and all staff and students are expected to abide by the Code. A copy of the Code can be obtained from the Research Website: http://www.uow.edu.au/handbook/codesofprac/cop_research.html

Research Services Office

Grant Outcomes

To view details of recent ARC, NHMRC, AINSE, and other grant outcomes, please visit: <http://www.uow.edu.au/research/rso/grants/outcomes/>

Cancer Institute of NSW

Congratulations to Mr David Croucher for his successful Cancer Institute NSW Research Scholar Award for the project titled “The endocytosis routes of PAI-2 and possibilities for improving PAI-2 cancer therapy.” The aim of these awards is to provide funding opportunities to develop and

support outstanding students enrolled in a higher degree who have the potential to develop highly significant careers in cancer research. David was selected from a very competitive field of applicants.

ARC College of Experts

Congratulations to Professor Joe Chicharo (Mathematics, Information & Communication Sciences) and Professor Mats Olsson (Biological Sciences & Biotechnology) who were appointed as members of the ARC College of Experts from January 2005 to December 2007.

Upcoming Grant Opportunities

Relevant Date	Activity
Wednesday, 2 February 2005	NHMRC Development Grant Round 1 Applications due to NHMRC
Friday, 11 February 2005	2006 NHMRC Research Fellowship Applications due to NHMRC
Friday, 18 February 2005	2006 NHMRC Medical Bioinformatics, Genomics and Proteomics Program Expressions of Interest due to NHMRC
Friday, 25 February 2005	2006 NHMRC Project Grant Applications due to NHMRC
Tuesday, 1 March 2005	2006 NHMRC Career Development Award Applications Open (Applications due to NHMRC Friday, 15 April 2005)
Friday, 4 March 2005	2006 ARC Discovery Applications due to ARC
Monday, 14 March 2005	2005 Research Infrastructure Block Grant Applications Open
Friday, 18 March 2005	2006 ARC Linkage International Fellowship Applications due to ARC
Wednesday, 23 March 2005	2005 Special Research Initiatives: e-Research Support Applications due to ARC

External Grant Schemes

NHMRC Development Grants

NHMRC Development Grants support the development of health or medical research that has commercial potential and which has the potential to benefit the Australian community and aim to provide funding for research commercialization at the early proof-of-concept stage. Applications are currently being invited for this scheme for funding to commence in September 2005. For further information please visit:

<http://www.uow.edu.au/research/rso/grants/opportunities/external/nhmrc/nhmrc-development.html> or contact Jodie Murrell on ext: 4522 or jmurrell@uow.edu.au.

NHMRC Research Fellowships

NHMRC Research Fellowships aim to support highly productive Australian biomedical and health research scientists so that they can continue to undertake research which is competitive and provide these researchers with a career structure in which renewal or promotion are based on stringent review of research achievements and performance and potential for further success in the future. For further information please visit:

<http://www.uow.edu.au/research/rso/grants/opportunities/external/nhmrc/nhmrc-fellowships.html> or contact Jodie Murrell on ext: 4522 or jmurrell@uow.edu.au.

NHMRC Medical Bioinformatics, Genomics and Proteomics Program

The Medical Bioinformatics, Genomics and Proteomics Program aims to support high quality research in bioinformatics, genomics and/or proteomics and capacity building in bioinformatics. For further information please visit:

<http://www.nhmrc.gov.au/funding/mbgpp.htm> or contact Jodie Murrell on ext: 4522 or jmurrell@uow.edu.au.

NHMRC Project Grants

NHMRC Project Grants are the main avenue of support for individuals and small teams of researchers undertaking biomedical, clinical, public health or health services research in Australian universities, medical schools, hospitals or other research institutions. They are aimed at promoting research that is initiated by these individuals and small teams and fund studies with aims and methods that are defined in detail by the investigator in the grant application. For further

information please visit:

<http://www.uow.edu.au/research/rso/grants/opportunities/external/nhmrc/nhmrc-projects.html> or contact Jodie Murrell on ext: 4522 or jmurrell@uow.edu.au.

NHMRC Career Development Awards

NHMRC Career Development Awards aim to provide self-directed health and medical researchers a capacity for original independent research and develop their leadership skills in research. The scheme has a particular emphasis on clinical, public health and health service research in order to increase knowledge and support the development of evidence based health policies and to encourage the growth of knowledge-based industries in Australia. If you have any questions regarding this scheme, please contact Jodie Murrell on ext: 4522 or jmurrell@uow.edu.au.

ARC Discovery Projects

ARC Discovery Project grants support excellent fundamental research by individuals and teams with the of aims expanding Australia's knowledge base and research capability and encouraging research training in high-quality research environments. Applications are currently being invited for this scheme for funding to commence in January 2006. For further information please visit: <http://www.uow.edu.au/research/rso/grants/opportunities/external/arc/arc-discovery.html> or contact Melissa Harvey on ext: 5815 or melissah@uow.edu.au.

ARC Linkage International Fellowships

Linkage-International Fellowships meet obligations under reciprocal agreements with France, Germany, the Republic of Korea (South Korea) and the United Kingdom for early career postdoctoral and senior researchers. A Fellowship is a grant for up to one year for the selected Fellow to work in Australia. It includes support for salary and salary on-costs, travel to a major conference in Australia, and return international travel and consumables. Please visit <http://www.uow.edu.au/research/rso/grants/opportunities/external/arc/arc-international.html> or contact Julie Matarczyk on ext: 5874 or juliema@uow.edu.au if you have any questions regarding this scheme.

Special Research Initiatives: e-Research Support

This new scheme aims to foster both new and existing collaborative efforts across disciplines and institutions, harnessing ICT resources to facilitate

the development of innovative research endeavours. This scheme will fund activities in three categories: exploration of collaboration among researchers in multi-disciplinary teams, software tool creation, and project funding for demonstration purposes and feasibility studies. For further information please visit:

http://www.arc.gov.au/grant_programs/special_initiatives.htm or contact Melissa Harvey on ext: 5815 or melissah@uow.edu.au.

Internal Grant Schemes

2005 Research Infrastructure Block Grants (Pool 2)

The objectives of this scheme are to meet project-related infrastructure costs associated with Australian Competitive Grants; remedy deficiencies in current research infrastructure; enhance support for areas of research strength; and ensure that areas of recognised research potential, in which institutions have taken steps to initiate high quality research activity, have access to the support necessary for development. For further information regarding this scheme, please contact Julie Matarczyk on ext: 5874 or juliema@uow.edu.au.

2005 URC New Partnership Grants

The primary objective of this scheme is to support, on a competitive basis, high quality industry related research projects and pilot research projects of modest cost conducted by researchers of proven excellence in collaboration with partners who provide matching support. The research project should relate to and enhance key areas of research strength in the University. It is expected that researchers with projects supported under this scheme will submit an application in the year following for external funding through, for example, the ARC Linkage Projects Scheme. Projects must demonstrate a collaborative research program.

This scheme has an open deadline and applications can be submitted at any time to the Research Services Office. Please note that there are new guidelines and application forms for this scheme which should be reviewed prior to the preparation of a new application. Forms are available at: <http://www.uow.edu.au/research/rso/grants/opportunities/internal/urc-new-partnerships.html>. Please contact Julie Matarczyk on ext: 5874 or juliema@uow.edu.au if you have any questions regarding this scheme.

Research Ethics – Upcoming Agenda Deadlines and Meeting Dates

Human Research Ethics Committee (HREC)	
Agenda Deadline	Meeting Dates
24 January 2005	8 February 2005
21 February 2005	8 March 2005
21 March 2005	5 April 2005
Animal Ethics Committee (AEC)	
Agenda Deadline	Meeting Dates
27 January 2005	17 February 2005
17 March 2005	7 April 2005

Newly Revised Animal Ethics Forms

The Animal Ethics Committee has recently conducted a review of its policies and procedures and brought them into line with the newly revised 'NHMRC Australian Code of Practice for the Care and Use of Animals for Scientific Purposes (7th Edition 2004).' In the light of these revisions new forms have been developed, and it is important that all researchers wishing to apply for ethics approval for animal/teaching research applications or amendments use the new forms with effect from 1 January 2005. The new forms are available on the University's website at <http://www.uow.edu.au/research/rso/ethics/animal/>. Please note that the old forms will no longer be accepted by the Animal Ethics Committee.

Bio-safety Committee

Meeting Date - 3 March

Bio-safety and Infection Control Training Program

Mr Adam Janssen, Bio-safety Officer, UNSW, will provide Bio-safety and Infection Control Training for UOW Researchers on Friday, 18 February 2005 from 9:30am-4:30pm. This training is strongly recommended for any staff undertaking work in the areas of GMO's and / or using biohazardous material. For further information please contact Cathy Sharpe on ext: 3204 or csharpe@uow.edu.au.

WUPA - Rhizome

Rhizome is a fully refereed, cross-disciplinary bi-annual postgraduate journal. This publication is an exciting new initiative of the Wollongong Postgraduate Association (WUPA), 2005. WUPA is committed to publishing articles from all postgraduate disciplines (BA (hons) to recently completed PhD students) across University of Wollongong. In publishing Rhizome, WUPA seeks to facilitate a forum through which Wollongong University postgraduates can present their research findings in an accessible style to the broader University community.

The Editor invites articles of between 3 - 5000 words (excluding endnotes) in which postgraduates discuss an aspect of their thesis that they consider to be of interest to their discipline, to the University and/or to the broader community. Articles must be accessible to those outside the specific discipline within which it is written, while maintaining academic rigour.

Rhizome also publishes 7 Book Reviews and 3 Inter-textual Reviews per journal which have inspired your research.

WUPA has several new books from publishers that are given out free in return for a review and awards a prize of \$500 for the best article per issue!

Rhizome provides a forum to mediate the alienation some postgraduates (especially international or part-time, mature students) might experience during the completion of their degree. Rhizome encourages students from disciplines that might have fewer opportunities to publish, and supports students in understanding the academic publishing system. Rhizome also bridges the gap by publishing academic knowledge that might not normally be 'translated' to the broader social arena and community. In this way, we hope to encourage a passionate and connected postgraduate experience and career transition to the real world!

For further information please see:

www.uow.edu.au/wupa/ For sample articles or submission guidelines please also go to the Library e-readings site, or contact Lycia Trouton, Editor, on Ext 5397 or email: rhizome@uow.edu.au

Innovation Campus

The University's Innovation Campus (iC) is the most exciting, tangible opportunity the University and its research staff have had for turning creative ideas into ground-breaking and marketable results.

iC is planned as a genuine campus community with space for dynamic interaction between the academic and commercial research worlds. Situated on 33 beachside hectares adjacent to Campus East, iC will feature green spaces, state-of-the-art environmental design, high-tech infrastructure and public art.

The Pro Vice-Chancellor (Research) and senior researchers have been working with the joint venture iC team to identify the sorts of relationships and co-locations that will give shape to the iC vision. Many of you have already developed partnerships with companies and organisations or know of others that have some sort of synergy with your research. You may also be looking for a way of taking your ideas to the next stage of development towards commercialisation.

The involvement of UOW researchers is fundamental to the development of the Innovation Campus community. iC offers a chance to refresh your ideas and realise your research goals in a new conceptual as well as physical space. If you're interested taking up this opportunity in any way or learning more about it, you can contact your Manager of Innovation and Commercial Development (Troy Coyle, ext. 4420; Aapo Skorulis, ext. 4578) or call David Fuller the Director of the Innovation Campus (ext. 3851).

Updates on the Innovation Campus will be provided in upcoming Newsletters.

Ask the Library about research support

The University Library provides tailored support for UOW researchers through the provision of research-specific resources and services. These include:

- Tailored research training programs such as EndNote (information management software), Where do I publish, Who's citing whom (citation indexes) and Patents
- Liaison with academic staff to determine research training needs of students
- The development of specialised online resources

and links for higher degree research

Lucia Tome has recently been appointed Research Training Librarian, after acting in the role for 4 months. Lucia comes to the role with a comprehensive understanding of the Library training needs of Higher Degree Research students. Contact her by email to discuss your Library support and training needs - lib_researchtraining@uow.edu.au

JSTOR arrives at the Library

The UOW research community has benefited from Australian Government funding, which has provided access to the JSTOR Arts and Sciences Collections (1-3) to all Australian universities until the end of 2006.

JSTOR provides online access to archives of over 350 significant scholarly journals published in the arts and humanities, sciences and social sciences, music, business, mathematics and statistics. The collections make complete journal archives available for research and teaching, with access back to the first issue of each journal within the database (excluding up to five years of any title).

Access to JSTOR supplements the Library's journal collection, with backsets predating the establishment of UOW in 1975. JSTOR is available now from the Library's Databases web page - www.library.uow.edu.au/eresources/databases/index.html

What's happening in the Faculties?

Awards and Achievements

A collaboration agreement signed by the University of Wollongong and the Australian Bureau of Statistics (ABS) last month means that the ABS will fund a statistics professor's position at the University. The Professor will work within the **Centre for Statistical and Survey Methodology** to co-ordinate research into methods of collecting and analysing data. Professor David Steel was quoted as saying "This deal recognises the quality and relevance of the teaching and research done in the statistics group within our School of Mathematical and Applied Statistics." Up to 12 PhD candidates are expected to be involved in the research. (Taken from an article published in the Illawarra Mercury, Mon, 17 January 2005)

The Substance Use in Pregnancy and Parenting Service (SUPPS) in Illawarra Health was recently a

Finalist for the 2004 NSW Baxter Health Awards. Data supporting the SUPPS application was generated as part of the evaluation being conducted by staff and students at the **Illawarra Institute for Mental Health**. SUPPS is an initiative that aims to improve services for chronically addicted pregnant women and their babies by integrating services in drug and alcohol, maternal, and paediatric services with supplementary support from DoCS and Barnardos Australia. Initial outcomes suggest reductions in: frequency of withdrawal in babies, length of stay in the neonatal unit and reduced frequency of removal of babies from their mothers.

Professor Lesley Head, Earth and Environmental Sciences, Faculty of Science, has been elected a Fellow of the Australian Academy of Humanities for interdisciplinary approaches to archaeological and geographical research. Professor Head has also been awarded a King Carl XVI Gustaf Visiting Professor in Environmental Sciences through the Swedish Foundation for International Cooperation in Research and Higher Education.

Mr George Mickhail, Senior Lecturer, School of Accounting and Finance, Faculty of Commerce has won an invitation as a Visiting Professor ("Professeur Invite' Etranger") at the Faculte` Droit Economie et Gestion, Universite` d'Orleans, France. The purpose of the visit is to engage in research within the "Laboratoire Orleanais de Gestion" and teaching within the Masters of Finance students about the recent application of International Accounting Standards globally. The invitation is an annual competition between all French Universities for a small number of Visiting Positions, which is financed by the French Ministry of Higher Education.

Professor Tim Turpin and **Associate Professor Sam Garrett-Jones** of the School of Management and Marketing were honoured with an award from the Australian and New Zealand Academy of Management (ANZAM) at the Academy's 2004 Conference in Dunedin, New Zealand in December. With research assistant Kieren Diment, the team gained best paper award in the stream of 'Technology and Innovation Management'. The paper, 'Scientists, career choices and organisational change: Managing human resources in cross sector R&D organisations' reports on research supported by two Australian Research Council Discovery Grants held by the team. The projects investigate the organisational and career implications of participating in cross sector R&D collaboration,

such as takes place in Cooperative Research Centres (CRC). One of the team's findings is that CRCs may not endure as long term 'hybrid' organisations as some observers suggest, but rather remain as transitional structures that have a strong influence on the partners and on the careers paths of scientists involved. The ANZAM award was sponsored by the Australian Centre for Business Research, Queensland University of Technology.

Ms Elizabeth Jeneid

<<http://www.uow.edu.au/crearts/staff/jeneid.html>> Honorary Fellow for the Faculty of Creative Arts has been invited to be the artist in residence on the Quark Antarctic Expedition in January-February 2005. On the same expedition, Senior Lecturer

Brogan Bunt

<<http://www.uow.edu.au/crearts/staff/bunt.html>> will be creating a digital "ship's log" (a potential prototype for subsequent logs) and will be working on his URC research grant which deals with aspects of Australian Antarctic scientific research.

The State Library of New South Wales has approached Visual Arts Lecturer **Ms Sue Blanchfield** for permission to archive the website created for her Tracking Cloth Symposium (Friday 26th - Sunday 28th March 2004). The collection of papers presented at the symposium is considered to have 'state significance' and is of 'cultural value' as it documents the Australian textile heritage*.

Upcoming Conferences

International Conference – Integrated Concepts in Water Recycling

13 – 17 February 2005

The focus of the conference will be to identify and address holistic synergies in water recycling. Held at the University of Wollongong

For more information go to -
<http://www.uow.edu.au/eng/cme/research/ozaquarec/conferences.html>

Australian Industrial Research Group (AIRG) Conference

20–22 February 2005

Theme – “Getting Down to the Business of Innovation” Held at Novotel, Brighton-Le-Sands

For more information go to –
<http://www.airg.org.au/background.htm>

New Google Scholarly Articles Web Search Function

Google now has a website which searches for scholarly articles:

<http://scholar.google.com/>

Google Scholar enables you to search specifically for scholarly literature, including peer-reviewed papers, theses, books, preprints, abstracts and technical reports from all broad areas of research. Use Google Scholar to find articles from a wide variety of academic publishers, professional societies, preprint repositories and universities as well as scholarly articles available across the web.

Just as with Google Web Search, Google Scholar orders your search results by how relevant they are to your query, so the most useful references should appear at the top of the page. This relevance ranking takes into account the full text of each article as well as the article's author, the publication in which the article appeared and how often it has been cited in scholarly literature.

Google Scholar also automatically analyses and extracts citations and presents them as separate results, even if the documents they refer to are not online. This means your search results may include citations of older works and seminal articles that appear only in books or other offline publications. (Taken from the Research Eye Bulletin for UNSW Research Students)

The next issue of Research & Innovation News will be available on the web on 1 April 2005. If you have a research event happening or have some news on research achievements and awards you would like to include in the next newsletter, please email the details to Jessica Orellana at jessica_orellana@uow.edu.au before Friday, 18 March 2005

