Research and Innovation Division (RaID) Highlights

Research Income up by 17%!

Preliminary figures for our total research income for 2003 indicate that it will exceed $22 Million, up from $18.8 Million in 2002. The major areas where we have increased are in Australian Competitive Grants (up to $11 M from $8.8 M) and in CRC income (up to $2.7 M from $1.8 M). Well done to all those who have contributed to this great result.

Research Student Centre

What’s on & What’s New

Higher Degree Research Student Seminar Series

The HDR Seminar Series Program is 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.


First Year Reviews

All higher degree research students and their supervisors are reminded that they are required to undertake a First Year Research Proposal Review within the first twelve months of commencement of the thesis component of their course. Further information can be found at http://www.uow.edu.au/research/files/HDR_1st_yr_research_proposal.pdf.

Code of Practice – Supervision

The Code of Practice-Supervision has been updated and revised to more accurately reflect the current practice and address anomalies. The Code of Practice - Supervision revisions include the first interview checklist and a commencement of candidature form. The revision has been approved by Academic Senate for immediate implementation and is available at http://www.uow.edu.au/research/current/index.html.

Higher Degree Research (HDR) Course Rules (previously known as Course Rule 10 – Thesis and Research Degree Rules)

The Higher Degree Research (HDR) Course Rules have been updated and revised to more accurately reflect their coverage and intent. Revisions have been approved by Academic Senate for immediate implementation and are available at http://www.uow.edu.au/research/current/index.html.

Progress Review and Probation Guidelines

Progress Review and Probation Guidelines have been written to raise awareness of and assist Faculties in applying these processes consistently across campus. Revisions have been approved by Academic Senate for immediate implementation and are available at http://www.uow.edu.au/research/current/index.html.

HDR Student Academic Grievance Policy

The HDR Student Academic Grievance Policy has been developed and approved by Academic Senate for immediate implementation and is available at http://www.uow.edu.au/research/current/index.html.
Research Services Office

Upcoming Grant Opportunities

<table>
<thead>
<tr>
<th>Deadline</th>
<th>Activity</th>
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<tbody>
<tr>
<td>27 Aug</td>
<td>DEST International Science Linkages applications due</td>
</tr>
<tr>
<td>9 Aug</td>
<td>URC Small Grant Scheme applications due</td>
</tr>
<tr>
<td>30 Sep</td>
<td>Australian Academy of Science, nominations for the Selby Fellowship, applications for the Maxwell Jacobs Fund, expressions of intent for the Boden, Fenner and White Conferences due</td>
</tr>
<tr>
<td>26 Nov</td>
<td>ARC Linkage Projects Round 2 applications due</td>
</tr>
<tr>
<td>Open</td>
<td>URC New Partnerships Scheme</td>
</tr>
<tr>
<td>Open</td>
<td>ARC Linkage International Awards</td>
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</tbody>
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Upcoming Internal Grant Schemes

2005 URC Small Grants
The URC Small Grants Scheme is currently open for funding in 2005. Applicants should visit the RaID web site: [http://www.uow.edu.au/research/staff/2005smalls.html](http://www.uow.edu.au/research/staff/2005smalls.html) for guidelines and application forms. Please note that the guidelines have been updated since last year, so if you are considering applying please read the guidelines carefully. The Small Grants Timetable is listed below. Applications close on the 9th of August.

<table>
<thead>
<tr>
<th>Action</th>
<th>Date</th>
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<tbody>
<tr>
<td>Guidelines and Application Form available on web</td>
<td>28 June 2004</td>
</tr>
<tr>
<td>Meeting of Faculty Research Chairs to discuss assessment process</td>
<td>Date to be announced</td>
</tr>
<tr>
<td>Small Grant applications due to Research Services Office</td>
<td>9 August 2004</td>
</tr>
<tr>
<td>Small Grant applications collated and distributed to Faculty Research Committees to be ranked and assigned recommended levels of funding</td>
<td>18 August 2004</td>
</tr>
<tr>
<td>Applications returned to Research Services Office with Faculty rankings/comments</td>
<td>18 August 2004</td>
</tr>
<tr>
<td>Applications for Small Grant funding to be distributed to URSIC</td>
<td>8 September 2004</td>
</tr>
<tr>
<td>URSC meeting to determine final funding allocations</td>
<td>22 September 2004</td>
</tr>
<tr>
<td>Announcement</td>
<td>Early October 2004</td>
</tr>
<tr>
<td>Near Miss Grant funding allocations will be announced once ARC/NHMRC grant results are advised by the external agency</td>
<td>Late October 2004</td>
</tr>
</tbody>
</table>

Grant Successes
ARC Linkage International Awards & Fellowships
The outcomes of ARC Linkage International Awards and Fellowships have now been announced. The university was successful in gaining funding for 3 Awards and 2 Fellowships. We congratulate the following UoW researchers and their international partners on their success!

**Linkage International Awards:**
- Prof Peter Eklund and Prof R Wille (Germany)
- A/Prof Jan Herrington, Prof RG Oliver and Prof TC Reeves (USA)
- Prof Hua Liu and Prof V Pan (Ukraine)

**Linkage International Fellowships:**
- Prof Jennifer Seberry, Dr Tianbing Xia and Prof M Xia (China)
- Dr Xiaolin Wang, Prof Shi Dou and Dr J Yoo (Korea)

Further details on these grants are available at: [http://www.uow.edu.au/research/staff/summary.html](http://www.uow.edu.au/research/staff/summary.html)

ARC Linkage Projects (2004 - Round 2)
The outcomes of ARC Linkage Projects have also been announced. The University was successful in gaining funding for 12 projects this round. We congratulate the following researchers and their industry partners, and wish them well with their projects!

- Lee Astheimer & Bill Buttemer (Australian Plague Locust Commission)
- David Ayre & Ron West (Fisheries Sciences)
- Joseph Ciarrochi & Frank Deane (NSW Police)
- Paul Else, Tony Hulbert & Stephen Blanksby (Astra Zeneca)
- Sandra Jones, Don Iverson & John Rossiter (The Cancer Council NSW)
- Lori Lockyer, Ian Brown, Phillip McKerrow, David Blackall & Barry Harper (WIN Television Network Pty Ltd Apple Computer)
- Suresh Mahalingam (Fort Dodge Australia)
- Bryce Richards & Mihail Ionescu (Sunpower Corporation)
- Kiet Tieu (Blue Scope Steel Limited)
- Jimmy Tran Van Hoa (Vietnam Institute for Trade)
- Mark Walker (NSW Agriculture)
- Tadeusz Wysocki (Argus Technologies)

IMB Community Foundation Awards

The IMB Community Foundation recently announced its support for 15 community projects in 2004. Glen Moore will receive $50,000 for his project, ‘Startrails’ – A Science Outreach Program for Schools and the Public, and Lynne Wright will receive $6000 for her project, Digitization of the Samuel Cocks Photographic Collection. Congratulations to both Glen and Lynne on their success, we wish them both well with their projects.

Further information about the IMB Community Foundation can be found at: http://www.imb.com.au/AboutIMB/Foundation.asp

New Staff

As part of the restructure of the RSO, Julie Matarczyk commenced as our new Research Grants Officer in June. Julie will be managing grant applications for researchers in the Arts, Commerce, Creative Arts, Education, Informatics and Law faculties. Contact Julie on ext: 5874 or julie_matarczyk@uow.edu.au. Jodie Murrell, our existing Grants Officer, will manage applications for researchers in the Engineering, Health & Behavioural Sciences, and the Science faculties. Jodie can be contacted on ext: 4522 or jodie_murrell@uow.edu.au.

Research Ethics - Upcoming Agenda Deadlines and Meeting Dates

**Human Research Ethics Committee (HREC)**

<table>
<thead>
<tr>
<th>Agenda Deadline</th>
<th>Meeting Dates</th>
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<tbody>
<tr>
<td>25 August 2004</td>
<td>14 September 2004</td>
</tr>
<tr>
<td>22 September 2004</td>
<td>12 October 2004</td>
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**Animal Ethics Committee (AEC)**

<table>
<thead>
<tr>
<th>Agenda Deadline</th>
<th>Meeting Dates</th>
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<tbody>
<tr>
<td>2 September 2004</td>
<td>23 September 2004</td>
</tr>
<tr>
<td>30 September 2004</td>
<td>21 October 2004</td>
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Further Information is available at: http://www.uow.edu.au/research/staff/ethics.html

Office of Innovation and Commercialisation

We have moved!

The OIC manages & identifies commercial research activities including consulting, contract research, intellectual property & CRC administration. Formerly integrated under the old Office of Research activities, they now have separate premises and are located in building 114 Northfields Avenue.

Research and Innovation News

Aapo Skorulis, Troy Coyle, Peter Roope, Jovanka Naumoska, Jessica Lee and Stacey McKenzie are part of the friendly team of OIC. Please see the http://www.uow.edu.au/research/OIC/oic.html for further information.

Uni in the Brewery

The next Uni in the Brewery session will be held at 5:30pm on Wednesday 18 August at the Five Islands Brewery. The presenters will be Dr Tony Okely from the Faculty of Education and Jane Wishart, Senior Paediatric Dietician at Wollongong Hospital. The topic will be “Why are our children getting fatter?”.

The following Uni in the Brewery session will be a special Small Business Month session on 15 September. The speakers will be Associate Professor Helen Hasan from the Faculty of Commerce and Mr James Thompson from the SME Committee of the Management and Business Division of Standards Australia. The topic will be “Business standards: a turnoff for small enterprises?”.

Research Support

Are you having difficulty:

- Finding resources for your literature review?
- Setting up email alerts from Library databases on your research topic?
- Identifying journals in your field to publish in?
- Using Library resources or services?

The Research Training Librarian, Suzanne Lipu, is available for one-on-one library consultations to help you. Contact Suzanne via email at suzannel@uow.edu.au or via phone on extension 4350 for an appointment.

What's happening in the Faculties?

News from UOW Dubai

The UOWD has established a Research Committee and a related Research Unit Website. The function of the committee and the research unit is to promote research activity among faculty at UOWD and the more specific roles are to handle conference presentation funding applications, to coordinate research projects by faculty into a Working Paper Series, to run weekly research seminars by faculty and outside guest presenters and to administer, coordinate and promote research related consulting activities at UOWD with the wider community. The underlying philosophy is that the quality of teaching and institutional reputation is as good as the quality of the faculty research activity. The objective is to become recognised also as a solid research institution to further enhance the good UOWD teaching reputation. This is rapidly being achieved. It is hoped that in the medium term research honours, masters and PhD programs can become approved and accredited locally.
Thus far, in the last 4 months, a research strategy has been formulated for the Research Unit, the Website has grown strongly in the amount of research information it contains, the Committee has approved numerous conference presentations for faculty at well reputed conferences (and most of these presentations are being converted to international refereed journal articles). Fifteen Working Papers have entered the Working Papers Series in the past three months (each is in process of or has undergone conversion to internationally refereed journal article publication), and around 16 Research Seminars have been conducted by faculty and guests. One consulting deal has been successfully concluded and another IT consulting deal with a US company is approved. Moreover, all of the main Universities in the region are being informed of our research seminar and working paper activities. We are promoting friendship, reciprocation and collaboration in research among regional academics in both business and IT disciplines.

Recent Awards/Achievements

A five-star rating for Research was added to UOW’s list of achievements in the 2005 Australian Good Universities Guide. The ranking for Research Intensity sees UOW join an elite group of eight universities at the top of the rankings in this most important category. Wollongong is the only regional university in the top group and one of two from new South Wales. The additional five-star rankings are in Graduate Rating; Staff Qualifications; Getting a Job; Positive Graduate Outcomes and Graduate Starting Salaries.

(Taken from Campus News)

Professor John Bremner from the Department of Chemistry and Institute for Biomolecular Science has been awarded Research Supervisor of the Year for 2003. Nominations were received from higher degree research students and the award recognises on-going commitment, dedication to and successful research student supervision. The award will be presented at the Vice-Chancellor’s award ceremony on Friday, 13 August 2004.

Dr William Glamore was awarded the Faculty of Engineering – Best Thesis Prize for his PhD Thesis on “Evaluation and Analysis of Acid Sulphate Soils Remediation via Tidal Buffering”.

Professor Buddhima Indraratna, Faculty of Engineering, was recently elected as Fellow of American Society of Civil Engineers, FASCE, for his contributions to geotechnical engineering research. This is a prestigious accolade in the Civil Engineering profession.

Retta Andresen, Peter Caputi and Lindsay Oades, researchers working under the auspice of the Illawarra Institute for Mental Health, recently had their article, entitled “The experience of recovery from schizophrenia: toward a empirically validated stage model”, listed as one of the top 10 articles in the Australian and New Zealand Journal of Psychiatry. All articles from the 2003 issues are reviewed by an independent international panel.

Congratulations to Professor David Steel, Faculty of Informatics, on his appointment to the position of Associate Dean (Research). David commenced in the newly created position on July 26 for a period of 2 years initially.

The Centre for Information Security has secured a contract to the value of $270K with the Defence Signal Directorate (DSD) on Next generation Firewalls and Intrusion Detection Systems. The Faculty of Informatics research team includes Professor Rei Safavi-Naini, Dr Willy Susilo and Dr Yi Mu.

The Power of Quality Centre has secured funding of $295,000/year for a new Centre starting in July. The new Centre will be known as the Integral Energy Power Quality Reliability Centre. This is more than double the funding of the present Centre and will contribute another academic staff member to the power engineering area. Dr Sarath Perera, Faculty of Informatics, will be the technical Director of the new Centre.

The next issue of Research & Innovation News @ UOW will be available on the web on 1 October 2004. 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, 17 September 2004.