Welcome to the first issue of Research & Innovation News @ UOW. This will be a bimonthly newsletter providing both staff and students with information on research related events and developments across campus.

Research and Innovation Division (RaID) Highlights

Effective from 1st May 2004 the Office of Research was renamed the Research and Innovation Division. The Division comprises three units each reporting directly to the Pro Vice-Chancellor (Research).

The Units are:

1. Research Student Centre - Manager: Ms Kim Roser, Main phone 4221 5452
2. Research Services Office - Manager: Ms Sharon Hughes, Main phone 4221 3386
3. Office of Innovation and Commercialisation - General Manager: Mr Aapo Skorulis, Main phone 4221 5202

For further information on each of the units go to http://www.uow.edu.au/research/

Other RaID News

AUQA Audit – Self Review Workshops

Early in 2005 the University will be audited by AUQA. One of the main areas to be audited is Research. As part of our preparation for the Audit the University will conduct a series of Self Review Workshops in each Faculty. For further information on the Quality Audit contact Kim Roser on telephone 4221 5525 or by email to kim_roser@uow.edu.au.

Higher Degree Research (HDR) Student Spring Session Welcome Day, Tuesday, 20 July 2004

All newly enrolled Masters by Research and Doctoral Students who have not attended a HDR Student Welcome Day are invited to attend the Spring Session HDR Student Welcome Day to be held on Tuesday, 20 July 2004 (Week 1).

The Welcome Day provides students with information on research milestones and supervision matters, support services provided to research students and workshops on exploring yourself as a researcher and thesis writing. In addition to the events organised for the day itself, a number of support units on campus have agreed to run information sessions and workshops for postgraduate research students during the week. Some of the workshops that will be run are “You and Your Supervisor”, “Get on track with your Postgraduate Research”, “Gems and Junk on the Internet” and “Finding Journal Articles”.

For further information, please contact Jessica Orellana, in the Research Student Centre (Ground floor, Building 20), on telephone (02) 4221 5454 or by email jessica_orellana@uow.edu.au.

Life After Honours – The Next Big Discovery (Honours Student Breakfast) Tuesday, 27 July 2004

The Research Student Centre and UniAdvice will be holding a breakfast for UOW Honours students to provide them with information on undertaking a HDR degree at UOW. Potential HDR candidates are invited to come and discover what type of exciting research they can be involved in and where a research degree can take them.

For further information, please contact Jessica Orellana, in the Research Student Centre (Ground floor, Building 20), on telephone (02) 4221 5454 or by email at jessica_orellana@uow.edu.au.
Research Policy and Guidelines Update

The following new and revised HDR Policies and Guidelines have been approved by Senate and are available on the web:


PhD Testamurs

At the 21 April Academic Senate Meeting, it was resolved that:

i) from July 2004 graduation all PhD testamurs will record only the degree title, i.e. Doctor of Philosophy and
ii) a certificate, signed and sealed in the same manner as testamurs and other official University documents, that confirms their thesis title, academic unit or research unit and an abstract outlining their research will be presented to students, together with their PhD testamur, at graduation.

Research Services Office

Grant Successes

URC Cancer Research Grants Scheme

The University recently established the UoW Cancer Research Grants Scheme following a bequest made to the University to support innovative cancer-related research. Projects funded under the scheme are expected to lead to significantly improving the understanding and knowledge of the causes and/or mechanisms of cancer, treatment of cancer, early detection of cancer or prevention of cancer.

We are pleased to advise that the following applications were successful:

Marie Ranson, John Bremner, Stephen Pyne “Tyrindoleninone, a newly discovered marine cytotoxin as a novel anti-cancer agent and its potential for use in targeted cancer therapy” awarded $98,000 for 2 years.

Stephen Pyne, Alison Ung “Development of novel, potent and selective CDK2 enzyme inhibitors as potential anti-cancer therapeutic cancer agents” awarded $10,000 for 1 year.

We thank all of those who applied and offer our congratulations to the above researchers. It is anticipated that a further call for applications under this scheme will be announced in October 2004.

Upcoming Grant Opportunities & Announcements

<table>
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<tr>
<th>Deadline</th>
<th>Activity</th>
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<tbody>
<tr>
<td>4 June</td>
<td>URC RIBG Pool 2 Announcements</td>
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<tr>
<td>Early June</td>
<td>ARC Linkage Projects Round 1 Announcements</td>
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<tr>
<td>Late June</td>
<td>2005 URC Small Grants Scheme advertised</td>
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<tr>
<td>25 June</td>
<td>ARC Discovery Assessments sent to applicants</td>
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<tr>
<td>9 July</td>
<td>ARC Discovery Rejoinders due</td>
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<tr>
<td>June/July</td>
<td>NHMRC Project Grant rejoinders due</td>
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<tr>
<td>Late June/July</td>
<td>ARC Federation Fellowships Announcements</td>
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<tr>
<td>Late June/July</td>
<td>ARC Linkage International Awards/Fellowships Announcements</td>
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<tr>
<td>2 July</td>
<td>Closing date for NHMRC Development Grants</td>
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<td>2 July</td>
<td>Closing date for NHMRC Career Development Awards</td>
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<td>26 Nov</td>
<td>ARC Linkage Projects Round 2 applications due to ARC</td>
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<tr>
<td>Open</td>
<td>URC New Partnerships Scheme</td>
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<tr>
<td>Open</td>
<td>ARC Linkage International Awards</td>
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For further information go to: http://www.uow.edu.au/research/staff/opportunities.html

Upcoming Internal Grant Schemes

2005 URC Small Grants

The URC Small Grants Scheme aims to support excellent researchers in the development of proposals for external funding and encourage new researchers to develop their research profiles by undertaking research projects of modest cost.

It is anticipated that the Schemes Guidelines and Applications form will be advertised by email to all academics by the end of June 2004 for funding to commence in 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. The guidelines and application form can be found at the following address:

### 2004 URC Research Strengths

The University Research Committee recently conducted a review of existing research units against the newly developed guidelines (Guidelines for Assessment can be found at http://www.uow.edu.au/research/files/DiscussionPaper2.pdf). For the determination and assessment of research strengths and determined that there are 12 areas/units that best meet these criteria. All 12 Research Strengths are multidisciplinary, involve staff from more than one academic unit and have had a sustained level of performance and external recognition over the past three years. For more information on the Research Strengths go to:
www.uow.edu.au/research/researchmanagement/researchstrengths.html

**Research Ethics - Upcoming Agenda Deadlines & Meeting Dates**

**Human Research Ethics Committee (HREC)**

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<th>Agenda Deadline</th>
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<tr>
<td>23 June 200</td>
<td>13 July 2004</td>
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<td>21 July 2004</td>
<td>10 August 2004</td>
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<td>25 August 2004</td>
<td>14 September 2004</td>
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**Animal Ethics Committee (AEC)**

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<tr>
<td>2 September 2004</td>
<td>23 September 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**

**2004 Cooperative Research Centre Applications**

52 applications received for Stage 1 of the 2004 CRC selection round. Of these 19 nationally were considered uncompetitive against the selection criteria. All applications that involved UOW researchers have been requested to submit a stage 2 – Full Business Case Application, with the deadline for this being 2 July 2004.

These applications are:
- CRC for Security, Risk and Data Intelligence
  Faculty of Informatics
- CRC Polymers
  Faculty of Science
- CRC Intelligent Manufacturing Systems & Technologies
  Faculty of Informatics / Engineering
- CRC for Materials Fabrication & Infrastructure
  Engineering (ex CRC Welded Structures)
  Faculty of Engineering
- Telcore Broadband CRC
  Faculty of Informatics

**Commercial Research Policy**

The University's Academic Senate has approved the revised commercial research policy. It is important that researchers proposing to undertake contract research or consulting activity under the auspices of the University make themselves aware of the conditions prior to undertaking the activity.

**MICD established in Faculty**

The first Manager of Innovation and Commercial Development (MICD) has been located in the Faculties of Science and Engineering. Dr Troy Coyle will be located in the Faculty of Engineering deanery and will integrate with the research activities across both the Faculty of Science and the Faculty of Engineering. Jovanka Naumoska will be starting in the OIC as the Commercial Research Contract and Intellectual Property Officer on 21 June 2004.
Uni in the Brewery

SPACE: THE FINAL FRONTIER

Your son runs up massive internet bills driving a remote vehicle in "real time" on the Moon. Your daughter is planning a honeymoon at the "Orbital Hilton" 200 km above the Earth's surface. You invest your superannuation in an asteroid mining venture. The local funeral home offers a space cremation package. Volunteers are sought to colonise Mars. You are speaking to your travel agent about a hiking tour of a couple of craters on Mars.

Science fiction or science fact?

Are you looking for an out of this world experience? Come and hear Associate Professor Bill Zealey from the University of Wollongong's Engineering Physics Unit discuss the possibility of Space Tourism and visiting other planets for fun.

Where: Five Islands Brewery, Eastern end of the WIN Entertainment Centre (Cnr Harbour and Crown Streets) Wollongong 2500

When: 5:30 until 6:30 pm, Wednesday 16 June 2004

Cost: FREE

Dr George Takacs from the Engineering Physics Department will be the MC for the evening.

For Further Information call Troy Coyle on 4221 4420 or email tcoyle@uow.edu.au or visit www.uow.edu.au/research/unibrewery/index.html

Commercialisation Bootcamp

The Commercialisation Bootcamp, an initiative of the Australian Institute for Commercialisation (AIC), is an intensive, professional development program aimed at researchers and doctoral students. In partnership with an educational organisation, the program will provide practical guidelines, knowledge and tools necessary for young researchers to maximise their career opportunities in technology commercialisation and high growth, new technology companies.

For more information go to www.ausicom.com or contact Stacey McKenzie in the OIC on ext 5202.

What's happening in the Faculties?

Upcoming Research Conferences

ISCAR Conference (12-13 July 2004)
The Faculty of Education and the School of Economics and Information Systems is hosting the Australasian Regional Conference of the International Society for Cultural and Activity Research (ISCAR). Further details contact Irina Verenikina on extension 4285 or email irina@uow.edu.au.

The International Conference for the Science and technology of Synthetic Metals (ICSM) - The Role and Impact of Nanoscience and Nanotechnologies (28 June – 2 July 2004)
The Intelligent Polymer Research Institute and the ARC Centre for Nanostructured Electromaterials will be hosting the ICSM conference later this month. Approximately 1,000 scientists from around the world will congregate in Wollongong to discuss up-to-the-minute advances in synthetic metals and nanotechnology. For more information contact the Intelligent Polymer Research Institute on ext 3127 or go to http://icsm2004.uow.edu.au/

Recent Awards/Achievements

Professor Gordon Wallace, Director of the Intelligent Polymer Research Institute and ARC Centre for Nanostructured Electromaterials has been elected as a fellow of the Academy of Engineering and Technological Sciences (FTSE). This honour acknowledges his major contributions in the design and synthesis of innovative materials and the use of these in areas as diverse as corrosion protection, precious metal recovery, chemical and biomechanical sensors, artificial muscles, synthetic enzymes, cellular (living cell) communications, electronic textiles and plastic solar cells.

Associate Professor Sara Dolnicar, Faculty of Commerce was awarded the Charles Goeldner Article of Excellence in the Journal of Travel Research. This award is considered one of the most prestigious best paper award in the tourism research industry.

Dr Suresh Mahalingam, Faculty of Science was awarded the NSW Tall Poppy Award for Excellence in Life Sciences. The award from the Australian Institute of Political Science recognises Australia’s top young researchers.

Associate Professor Peter Kell, Faculty of Education, has been elected President of the Australian Vocational Education Research Association (AVETRA). AVETRA is the National Professional Association of VET researchers and includes membership from University researchers, TAFE Researchers, policy makers at state and federal level, VET providers and users of VET research.

The next issue of Research & Innovation News @ UOW will be available on the web on 1 August 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, 16 July 2004.