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RESEARCH & INNOVATION NEWS

<http://www.uow.edu.au/research/newsletter/>

University of Wollongong



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WELCOME JUDY: OUR NEW DEPUTY VICE-CHANCELLOR (RESEARCH)

The Research and Innovation Division extends a very warm welcome to Professor Judy Raper (pictured), UOW's new Deputy Vice-Chancellor (Research) who took on the role from July 8th. Judy comes to UOW from her secondment to the National Science Foundation in Washington D.C. where she has been Division Director of Chemical, Bioengineering, Environmental and Transport Systems, a multidisciplinary funding program, for the last 2 years. This division awards over \$ 110 M US annually to research spanning chemical, biochemical, and biotechnology systems; biomedical engineering and engineering healthcare, environmental engineering and energy production and sustainability. Even outside of the UOW Engineering Faculty, it is easy to recognise that these are areas that resonate with UOW's research strengths and our aspirations to contribute to solutions to local, national and global issues.

Judy obtained her undergraduate and PhD degrees from the UNSW and conducted postdoctoral research at Cambridge University, working at the Atomic Energy Research Establishment at Harwell. She taught at both the University of Newcastle and the UNSW, before joining Sydney University. Her research interests are focused on particle technology, especially characterization of fine particles and how their characteristics affect pollution control and industrial processes. Her recent work has concentrated on characterizing inhalant aerosol particles for pharmaceutical and medicinal applications.



RESEARCH SERVICES OFFICE

<http://www.uow.edu.au/research/rso>

EXCELLENCE IN RESEARCH FOR AUSTRALIA (ERA) INITIATIVE: AN UPDATE

A quick reminder of the importance of responding to the ERA journal rankings process while the ARC are receptive to comments and before the Journal Rankings are set into stone. A number of serious issues have been raised with the version that currently stands, so it is of paramount importance to grasp the opportunity to have some input now rather than later. A reminder to collate all feedback from your faculties (and double check for overlap!) before forwarding to the RSO. The link to the pro forma can be found at <http://www.arc.gov.au/era/indicators.htm>

Feedback is due at the RSO by July 31st to allow the RSO to collate and forward the institutional response before the 14th August deadline.

CARRICK GRANTS : AUSTRALIAN LEARNING AND TEACHING COUNCIL
UoW submitted eight Carrick Grant applications during March and April 2008. Congratulations to:

- Professor Tim McCarthy and Mr Tom Goldfinch who were successful in the Competitive Grant segment, attracting \$150k to investigate pro-active approaches to address student diversity in Engineering.
- Professor Anne Porter and Ms Sue Denny who have attracted \$220k devoted to 'Building leadership capacity for development and sharing of mathematics learning resources across disciplines'.
- Congratulations also to A/Professor Michael Zanko and to Mr Herb Groeller who were part of successful collaboration teams that managed also to win grant money to further their research. Their respective collaborative efforts are sure to contribute greatly to the Learning and Teaching environment back at UoW.

In other news the Carrick Institute has had a change of name and will be known as the Australian Learning and Teaching Council (ALTC). The Council is committed to promoting and advancing Learning & Teaching in the University sector

and the timetable for the next round of grants should be announced soon. If you are interested in developing an idea associated with Learning and Teaching or would like to join the ALTC mailing list please contact Janine McFarlane, Grants Officer at the Research Services Office on x5908 or janinemc@uow.edu.au. For more information please visit <http://www.altc.edu.au/carrick/go>

ARC LINKAGE-PROJECT GRANT SCHEME: ROUND 2 NOW OPEN

ARC Linkage-Projects grants support collaborative research and development projects between higher education researchers and Partner Organisations which are undertaken to acquire new knowledge and involve risk or innovation. Proposals must contain a cash and in-kind contribution from a Partner Organisation.

Eligible Partner Organisations include private sector industry organisations; private non-profit organisations and government agencies. More information is available at: <http://www.uow.edu.au/research/rso/UOW009274.html>

URC RESEARCH PARTNERSHIPS GRANT SCHEME

2008 Round 1 Research Partnership Scheme has now closed. Details of successful 2006 and 2007 applications can be viewed at: <https://intranet.uow.edu.au/raid/rso/urc-outcomes/UOW022079.html>

URC RESEARCH INFRASTRUCTURE BLOCK GRANT (RIBG) POOL 2

The 2008 RIBG Scheme has now closed. Congratulations to all successful applicants. Details of successful outcomes can be viewed at: <https://intranet.uow.edu.au/raid/rso/urc-outcomes/UOW022079.html>
The 2009 RIBG scheme will open in April 2009.

NHMRC TRAINING FELLOWSHIPS

Five applications for NHMRC Training Fellowships were submitted in July for funding to commence in 2009. Three applications were received from the Faculty of Science and two from the Faculty of Health and Behavioural Sciences.

Upcoming Funding Opportunities

Due Date	Activity
26 September	Notice of Intent for 2009 Linkage Projects Round 2 due to RSO
31 October	2008 Round 2 Research Partnership Grant applications due to RSO

Need Assistance with your Grant Application? - Statistical Advice available
 The Statistical Consulting Service (SCS) in the School of Mathematics and Applied Statistics provides UOW researchers with statistical advice. They can advise on planning surveys and experiments, statistical analysis, presentation of results and preparation of grant applications. For more information, or to arrange a meeting, see <http://www.uow.edu.au/informatics/math/scs/> or email statcon@uow.edu.au.

RESEARCH ETHICS

LEAD HUMAN RESEARCH ETHICS COMMITTEE (HREC) ACHIEVEMENT!

The University of Wollongong & SESIAHS Health and Medical Human Research Ethics Committee (HREC) has been accredited by the NSW Dept of Health as a Lead HREC for the review of multi-site Clinical Trials. This extends our 2007 HREC accreditation as a Lead HREC for the review of general medicine/population health research. Lead HRECs undertake a single ethical review of research that will be conducted within more than one Area Health Service within the NSW Health system. Under the single review system projects undertaken at more than one site within the NSW Health system only need to be reviewed by one HREC. Within the next 6 months this system will also include the Victorian and Queensland health services, and it will be incorporated into the national single review system, which is currently in the early stages of development by the NHMRC.

Gaining accreditation required the restructuring of HREC processes to make them consistent with the NSW Dept of Health processes, the incorporation of specific areas of expertise within the HREC, and the support of medical specialists within the region who have agreed to provide expert advice on research applications.

Congratulations to everyone involved in this submission and particularly to Eve Steinke, Research Ethics Manager for her diligence and her extensive role in our successful submission.

ETHICS AGENDA DEADLINES AND MEETING DATES FOR YOUR DIARY

Human Research Ethics Committee (HREC) - Health and Medical

Upcoming meeting August 12th (agenda deadline July 28th)
 Next meeting September 9th (agenda deadline August 25th)
 Future meeting October 14th (agenda deadline September 29th)

Human Research Ethics Committee (HREC) - Humanities, Social Science & Behavioural

Upcoming meeting August 28th (agenda deadline August 13th)
 Next meeting September 25th (agenda deadline September 10th)
 Future meeting October 23rd (agenda deadline October 8th)

Animal Ethics Committee

Upcoming meeting August 7th (agenda deadline July 17th)
 Next meeting September 18th (agenda deadline August 28th)
 Future "Policy" meeting October 30th (agenda deadline October 9th)

Gene Technology Review Committee

Upcoming meeting September 4th (agenda deadline August 21st)
 Final meeting for the year November 20th (agenda deadline November 6th)

More information at: www.uow.edu.au/research/rso/ethics/

RESEARCH STRENGTH SHOWCASE SERIES 2007

This lunchtime lecture series provides an opportunity to showcase the research conducted within each of UOW's Research Strengths, and introduce the researchers involved to the general campus and community.

Wed. 6th August – Prof. Farzad Safaei & Dr Mehran Abolhasan : TITR
Wednesday 10 th September – Professor Shixue Dou : ISEM
All Presentations will be held at lunchtime (12.30-1.30pm) Building 20 , Lecture Theatre 2

Sandwiches will also be available for those attending.
 More at: <http://www.uow.edu.au/research/news/strengthseries/>

Uni in the Brewery

All staff, students and the general public are welcome and encouraged to contribute in discussion at the Five Islands Brewery in Wollongong.

20th August 5:30pm-6:30pm **Dr Adam Dolnik** (Centre for Transnational Crime Prevention)
 "What Do We Know about Why People Become Terrorists?"

22nd October 5:30pm-6:30pm **Associate Professor Sharon Robinson** (School of Biological Sciences)
 "Climate Change makes life tougher for Antarctic plants"

More at: <http://www.uow.edu.au/research/unibrewery/index.html>



RESEARCH STUDENT CENTRE

<http://www.uow.edu.au/research/rsc/>

Welcome to **Maree Buchanan** who began working at the RSC in October 2007.

Maree was previously a provider of transport to special needs children, contracted to the Department of Education and Training, for 18 years. Prior to that she was Supervisor of the computer department of NIB Health Funds in Wollongong. Her main duties at the RSC include answering student enquiries, enrolment and variation processing, processing and payment of accounts, conference funding, filing, assisting with processing scholarship payments, data entry and word processing.



DID YOU KNOW?

Seventy six HDR students graduated at the July 2008 graduation ceremonies: 55 Doctoral graduands and 21 Masters – Research. Congratulations to all!!!!

HDR STUDENT ENROLMENT CHECKING FOR SPRING SESSION 2008

All Higher Degree Research students are asked to check their second session enrolment to ensure that all details are correct (for example research subjects and part/full time thesis subjects). Please send any enrolment variations (leave of absence, change of status etc) to June Toussis, Enrolment Officer, Research Student Centre, Building 20, or by email junet@uow.edu.au or for more information please phone 4221 5453. Any changes to Spring enrolments must be made before the 31st August 2008.

2009 HIGHER DEGREE RESEARCH SCHOLARSHIPS

Applications for 2009 APA, UPA and IPRS close on 17th October and will be forwarded on 24th October to Faculties for ranking. Scholarship ranking will be finalised by late November and all candidates will be notified in writing of the outcome by the Research Student Centre. For further information please contact Christine Mason on Ext.5672

HDR WORKSHOP

The Research Student Centre will be holding a 1 Day Workshop for Higher Degree Research Students: "The 7 secrets of Highly Successful PhD Students and Defeating Self-Sabotage" – Please see 5 page for more information....

INNOVATION & COMMERCIALISATION NEWS

<http://www.uow.edu.au/research/commercial/>



The UOW's annual **Trailblazer** innovation competition was developed to reward innovative ideas and early-stage research, which have the potential to benefit the community, industry or business as well as generate a financial return. With \$14,000 in prize money, the competition also rewards and stimulates innovative thinking. Now in its fourth year, the competition has helped UOW motivate and showcase the extraordinary talents of our researchers and students. Winners, runners up & highly commended can found at: <http://www.uow.edu.au/research/trailblazer/index.html>

TRAILBLAZER WINNERS Open section: **Dr Allison Shorten** – Faculty of Health and Behavioural Sciences,
Informed Birth Choices: Pregnancy Decision Support Package
Student section: **Jennifer Saville** – Faculty of Science
A novel non-invasive technique for the diagnosis of dry eye

TWO NEW STAFF MEMBERS AT CRU

The previously vacant role of Commercial Research Officer has now been filled by **Stuart Parker**. Stuart has worked at the University for 13 years in various financial, administrative and research support positions. His most recent role was with the Smart Foods Centre where he held the position of Business Administrator. Stuart is coordinating the "fast-track" process for commercial research and can provide assistance in costing commercial research projects and advise on completing Commercial Research Approval Forms. Contact details for Stuart are phone: 4221 4983 and email: sparker@uow.edu.au



Brett Weeden has started as the new Tender Manger in the Commercial Research Unit after spending 18 years with the Queensland Department of Primary Industries as a Research Agronomist, including Managing the research Facility where he was based. Brett's role is to administer the commercial research tender system and to assist UOW academics to respond to calls for tenders in order to increase UOWs commercial research income. This will primarily involve the identification of tender opportunities and the matching of these to appropriate UOW research expertise. He will also assist with organising the legal review of contracts, costing of projects, and compliance and review of draft tender responses. For information on tendering opportunities, potential Industry partners or the process of tendering please contact Brett on x3913 or bweeden@uow.edu.au



CRU staff member, **Leisa Ridges** (Commercial Research Manager) graduated with a PhD in the recent July ceremonies. Her thesis is entitled Functional Food Synergies: Improving the effect of the omega-3 fatty acid docosahexaenoic acid on cardiovascular disease risk factors through concurrent dietary consumption of canola or soy isoflavones. Congratulations to Leisa...

2008 POSTGRADUATE INFORMATION EVENING: TUESDAY 2 SEPTEMBER 2008

6.30pm – 8.30pm, McKinnon Building, 67

The University of Wollongong (UOW) is holding a Postgraduate Information Evening on Tuesday 2 September. This event is for students interested in undertaking any UOW postgraduate coursework or research degree. Attendees will hear information about the postgraduate study opportunities available, entry requirements, the application process, and have the opportunity to speak with faculty representatives.

Whether you are considering postgraduate study to stand out in the workplace, specialise in your chosen field, change your career direction or simply improve your net worth; a postgraduate qualification will provide the skills required to succeed in today's global employment environment.

Bookings for the Postgraduate Information Evening can be made online via our online system (<http://coursefinder.uow.edu.au/coursefinder/EventBookingDetail.aspx>). Alternatively, you may book via telephone by contacting UniAdvice on 1300 367 869.

PUBLICATIONS COLLECTION SUCCESS

UOW has recorded a very successful HERDC collection of 2007 publications. The collection may be one of the University's most complete to date with RIS utilised fully to enter and verify publication details.

The collection saw 2,519 papers entered into RIS with 87% attaining a DEST or UOW status. Other noteworthy statistics include:

- 10.6 % increase in total publications for 2007
- 16.4% increase in number of DEST status publications
- 14.5% increase in unweighted DEST points.

Thank you to all academic staff, publication officers and Library staff for their work in attaining this result.

JOURNAL CITATION REPORTS (JCR)**UPDATED**

The new JCR year - 2007 - was released in June. View the most recent impact factor for your favourite journal or update a list of journals by accessing the Library homepage > Databases > J > JCR.

Some time ago academics from Australia were invited to put forward suggestions for new titles to be included in the Web of Science database. You may remember an email requesting suggestions in late 2006. View the new titles for the Asia Pacific region including fifty two new titles for Australia.

For more information on the selection process and the Australian list of journals use the links from the page below:
http://isiwebofknowledge.com/currentuser_wokhome/wos_jnl_expansion/

For assistance with JCR, contact the Research Training Librarian, Lucia Tome: Phone: 4221 3066 Email:
lucia_tome@uow.edu.au

NEW DATASETS AVAILABLE**HILDA: Household, Income and Labour Dynamics in Australia
LSAC: Longitudinal Study of Australian Children**

Two new datasets are available for researchers in the fields of household income and childhood development. A Deed of Confidentiality must be signed prior to accessing the data. For more information and contact details:

Library homepage > Information for > Researchers > Data Archives

<http://www.library.uow.edu.au/resourcesbytopic/UOW044756.html>

<http://www.library.uow.edu.au/resourcesbytopic/UOW045513.html>

A SEARCHABLE ADDRESS

It is worth noting that when an article is uploaded into a database the affiliation or institution address is a searchable field, particularly in databases such as Web of Science. Many bibliometric statistics are calculated from these databases such as the number of articles per institution. When submitting articles to journals and to ensure that UOW is named against all relevant articles, please include University of Wollongong in the address field, in addition to the name of your department, faculty or research centre.

RESEARCH ONLINE REVAMPED

The University's digital repository of published research outputs - Research Online - has recently been revamped by Bepress, the US distributor, with a new front page and new user interfaces. Since going live in January 2006, some 2,571 published University of Wollongong papers have been uploaded and generated over 460,000 full text downloads. Research Online has been a great success in promoting the research output of the University of Wollongong. If you would like to place copies of your published research online, in order to expand access and improve your citation rates, contact Michael Organ in the Library on ext 3108 or go to the Research Online website ro.uow.edu.au for further information.

RESEARCH TRAINING

A 2-day Workshop entitled "**Launching your Academic Career**" for Early Career Academics and Final Year PhD Students will develop the skills and knowledge critical for emerging academics in their early years of academic employment at the University.



There was an overwhelming response to this workshop (scheduled for 4-5th September) and unfortunately not everyone was able to secure a place. However a similar workshop will be considered for 2009. At the end of the course participants should be able to:

Learn how to identify and approach an appropriate research partner; Understand 'Publishing' in the National and International context and maximise exposure of publications; Better manage their academic workload; Develop a research program; Understand the research context including relevant policies and codes, and Increase their chances of success when applying for various funding schemes.

Grant Writing Workshops

Participants interested in attending future workshops are encouraged to refer to the PODS Staff Development Calendar found at <https://intranet.uow.edu.au/pods/calendar/index.html>

The Research Student Centre will be holding a 1 Day Workshop for Higher Degree Research Students Tuesday, 26th August 2008. "**The 7 secrets of Highly Successful PhD Students and Defeating Self-Sabotage**". Presenter: Hugh Kearns is best known as a dynamic speaker, presenter and educator with international expertise in the areas of time management and work-life balance. He draws on almost twenty years of experience as a training and development professional within the corporate, financial, education and health sectors in Ireland, Scotland, New Zealand and Australia. He has consulted to a wide range of organisations in the public and private sectors. Currently he provides professional development at Flinders University, in Adelaide, South Australia to both staff members and PhD students.

More recently Hugh has specialised in work with doctoral candidates in many Australian Universities, and he has been reported as far afield as the 'Times Higher Education Supplement' in London. Hugh has also been awarded a Carrick Institute citation for enhancing the quality and effectiveness of the PhD learning experience by applying the latest psychological and educational research. Lunch will be provided. Registration is FREE but ESSENTIAL for catering purposes. RSVP closing date Friday, 15 August 2008. Please Contact mdwarte@uow.edu.au for more details.

Michael Gaffikin, "Accounting Theory: Research, Regulation and Accounting Practice", pbk, ISBN 978-1-74103-070-9. 2008 , 279 pages. Pearson Education Australia

Books on accounting theory have all fitted a fairly strict formula set in the first major text published in the 1950s. They have all presented conservative summaries based on work with very positivist epistemological emphases. This new book adopts a very different approach yet covers most of the theoretical issues in the discipline. Contemporary issues are tackled, for example, issues concerning the impacts of greater demand for ethical practices and the urgent issues raised by climate change as well as the oppressive push for globalisation. Rather than describe these problems as being solved by the market, this book argues that any benefits from the operation of the market must have a strong and effective regulative backing. Some issues facing contemporary business cannot be left for purely technical economic responses. There is a need for greater contributions from social and political in addition to the contributions by conservative economic theory.

A book by **Dr Richard Caladine** was published earlier this year by Information Science Publishing in the USA. Titled "Enhancing E-Learning with Media Rich Content and Interactions" the book challenges the entrenched academic tradition of text and provides practical guidance in media rich online learning.

In the Journal of Theoretical and Applied Electronic Commerce Research (JTAER) a Special Issue on 'Radio Frequency Identification and Supply Chain Management' (Vol 3, Issue 1, 2008), was an article by **Tim Coltman, Rajit Gadh, Katina Michael**.

Contributions also by Mr Samuel Fosso Wamba, and Mr Albert Munoz of SISAT. <http://www.jtaer.com/>

In the journal Computer Communications, a Special Issue on 'Advanced Location Based Services' (Vol. 31, Issue 6, 2008), was an article by **Miguel Labrador, Katina Michael, Axel Küpper** This special issue also contained contributions by quiet a few members of Faculty of Informatics (IP Location Based Services Program) including:

Mr Adam Muhlbauer (SCSE Student), Nicholas Sheppard (SCSSE researcher), Prof Rei Safavi Naini (now in Canada), Mr Martin Dawson (Andrew Corporation and fellow collaborator on IP Location Based Services Program) , Dr MG Michael (honorary fellow) and Sarah Fusco (SISAT student).

Prof. Sara Dolnicar's (Commerce) article "Assessing Analytical Robustness in Cross-cultural Comparisons", published in International Journal of Culture, Tourism and Hospitality Research, was chosen as a Highly Commended Award Winner at the Literati Network Awards for Excellence 2008. Every year Emerald invites each journal's Editorial Team to nominate what they believe has been that title's Outstanding Paper and up to three Highly Commended Papers from the previous 12 months.

Also from the Faculty of Commerce, **Lee Moerman** and **Sandy van der Laan's** paper, "Pursuing shareholder value: The rhetoric of James Hardie" (Accounting Forum, Volume 31, Issue 4, 1 December 2007, pp. 354–369) was the 14th most downloaded Accounting Forum article over the last 3 months. Accounting Forum is a B-ranked journal and known to be one of the best avenues for alternative/critical accounting research.

FACULTY NEWS, AWARDS AND ACHIEVEMENTS

Congratulations to Professor **Peter Eklund**, Head of Postgraduate Studies of the School of Information Systems and Technology. He has been



elected as a Fellow of the Australian Computer Society for his distinguished contribution and life's work in Information and Communications Technology. In particular, his work as a world leader in the application of concept lattices to exploring information spaces.

Professor Kathy Eagar, Director of the Centre for Health Services Development, has been inducted as an Honorary Fellow into the Australasian Faculty

of Rehabilitation Medicine (AFRM), a faculty of the Royal Australasian College of Medicine in recognition of her exceptional services to the Faculty and to the practice of medicine as it relates to rehabilitation medicine. This is a great honour for Kathy and especially notable as it is extremely rare for the AFRM to induct a non-physician as a Faculty fellow.

Dr Peter Massingham has recently been awarded a Linkage Project in partnership with the Royal Australian



Navy (RAN): '**Measuring and Managing the Impact of Lost Organisational Knowledge**'. The ageing workforce represents a significant threat to the sustainability of Australian organisations. As the workforce ages, it moves collectively toward retirement. This poses the very real threat of en-masse retirements, where organisations might lose substantial proportions of their workforce over a short period of time. The increasing average age of staff at many organisations, including Defence, may mean that substantial numbers of staff, with a lifetime of experience, leave at the same time. This could result in 20 or 30% of the organisation's most valuable human capital being lost rapidly. This ARC Linkage Project will aim to understand the implications of knowledge loss and

develop ways to minimise the impact of this serious corporate risk. The research findings will have significant economic and social benefits to the nation by improving the RAN's capacity to maintain national security. **At the official signing of the contract** at the Australian Research Council offices in Canberra (10 June), Commodore Gilmore (from RAN) said the outcomes of UOW's knowledge management project will be directly applied to Navy's maritime engineering community. The ARC Chief Executive Officer, Professor Margaret Sheil, attended the event and announced the Project. She was followed by Admiral Steven Gilmore, who is the Commander of Navy and the overall project champion.

The Australian National Centre for Ocean Resources and Security (ANCORS) has won a major four-year, \$1.5 million Nationally Competitive Research Grant to investigate Indonesian marine fisheries. The project is funded by the Australian Centre for International Agricultural Research (ACIAR) and the research team will be led by **Associate Professor Ron West**, a leading Australian fisheries scientist and include **Professor Martin Tsamenyi** and **Dr Mary Ann Palma**, experts in ocean law and policy. The CSIRO (Marine and Atmospheric Research) and the Indonesian Ministry for Marine Affairs and Fisheries (MMAF) will be collaborators in the research.

The signing of an agreement between the UOW and Motorola, Inc (NYSE:MOT) to conduct joint research in the area of wireless sensor networks (WSNs), will investigate real-world WSN hardware and protocol issues, focusing on radio propagation and power conservation of wireless sensor devices. WSNs represent next generation wireless technologies that are capable of monitoring and recording physical or environmental conditions at diverse locations. Generally low-power, low data rate, with small transmission ranges (10-30 metres), WSNs will have an impact on civilian and military life through such applications as asset



tracking, surveillance, utility usage monitoring and building/agricultural control. Research activities will be managed at the UOW by the Director of Wireless Technologies Laboratory, **Professor Eryk Dutkiewicz** (pictured) and at Motorola Labs by project lead engineer, Dr Lance Hester.

And speaking of Mobile Phones.....

Professor Greg Schiemer is currently the Interactive and Digital Media Institute's first Visiting Research Associate Professor at the National University of Singapore where he has been working on a new performance for sixteen mobile phones. The piece called Mandala 7 was presented (26th July) as an In-Conjunction event at the International Symposium of Electronic Arts (ISEA) and performed by Singaporean community artists. Pocket Gamelan - Mandala 7 is a microtonal sound installation for mobile



devices in which sound projection relies entirely on hand-held battery-operated amplifiers of sixteen Nokia mobile phones. The work does not depend on mains amplification, fixed speaker placement or tethered performance interfaces but explores the collaborative potential of mobile phones used as moving sound sources and as hand-held remote control units. Sound interaction involves chorusing, a by-product of the movement of each sound source and microtonal tuning which is programmed into each handset and activated by a command dialogue between operators and their handsets.

Mandala 7 will also be presented in ICMC in Belfast in August and another work for the Pocket Gamelan will be presented at DAFx in Helsinki. **Dr Brogan Bunt** (New Media Arts, FCA) and Greg will also present papers at ISEA.



The **LIRC (the Legal Intersections Research Centre)**, which is a research group based in the UOW Faculty of Law, became a meeting point for some of Australia's significant religious leaders and academics at a 'Law and Religion' workshop on 4 June 2008 that was designed to explore how the law intersects with religion and society in modern Australia. Convened by **Dr Nadirsyah Hosen, with the assistance of a reference group including Dr Rick Mohr, Associate Professor Greg Rose, Dr Cassandra Sharp & Professor Luke McNamara**, the workshop addressed the religious dimensions of law and the legal dimensions of religion, along with the issues of secularism, multiculturalism and pluralism. Among the invited speakers were Father Frank Brennan from the Australian Catholic University, Rabbi Lawrence of the Sydney Great Synagogue, Dr. Mohamad Abdalla (Director of the Griffith Islamic Research Unit at Griffith University), Professor Margaret Davies from Flinders University, and Dr Daniel Stepniak of the UWA.

Dr Allison Shorten (pictured) has played a key leadership role in the development of the first national continuing professional development (CPD) program for Australian midwives. The program named MidPLUS was launched



late last year by the Australian College of Midwives (ACM) after a 12 month Australia-wide research and consultation process, funded by the Commonwealth Department of Health and Ageing. As project leader for the ACM, Dr Shorten worked with co-developer Julia Monaghan to design the MidPLUS portfolio system, learning tools and on-line system of documenting professional development. **Dr Shorten** also travelled to Fukuoka Prefectural University (Japan) in June to share her expertise as an international leader in decision-aid development for pregnancy. Dr Shorten's 'Birth Choices decision-aid' has been translated into Japanese by Associate Professor Ikuyo Torigoe, and will soon be piloted in Japanese hospitals. This is part of a project funded by the Japanese Society for Promotion of Science to improve choices for women facing birth after caesarean section in Japan. As part of her visit, she was invited to provide the keynote presentation for the first Japanese symposium on supporting women's choices for birth.

Ted Watts (Accounting and Finance) (with Vicky Beard, Australian Catholic University) has won a CPA Small Business Research Grant in December 2007. The grant is for \$9,640. Project: "Achieving and maintaining sustainable performance in small business". **Ted Watts** and Vicky Beard have also been awarded a nationally competitive 2008/2009 AFAANZ Research Grant for their project "Increasing Productive Limits in the Airline Industry: Integrating a Logistics Capacity Model a Customer-value Capacity Model to Make Visible the Structural Limits of Capacity". The grant is for \$7500.

Researchers in computer security and cryptography participated in the **13th Australasian Conference on Information Security and Privacy (ACISP 2008)** at the University of Wollongong recently (July). ACISP 2008 is organised by the Centre for Computer and Information Security Research (CCISR). The CCISR works within the parameters of the School of Computer Science

and Software Engineering, Faculty of Informatics. The conference was opened by the Acting Dean of the Faculty of Informatics, Associate Professor Graham Williams. It included participants from the US, France, Canada, UK, Singapore, Japan, Korea, Taiwan, Warsaw, India, Finland and China. Program chairs for the conference were **Associate Professor Willy Susilo and Associate Professor Yi Mu with general chair Professor Jennifer Seberry**.

iC officially opens on 27th June - "a six star day"

The Innovation Campus is a research and development precinct that represents an eventual investment of \$500 million. The \$32 million iC Central building which is now officially open is the first of an anticipated 25 buildings on the site. Others are currently under construction with one, the Institute for Innovative Materials, almost complete. The ISEM and IPRI/ ACES research groups will be moving into the new building in the next few months! Vice-Chancellor Professor Gerard Sutton declared the recent opening day as a "six star day" when NSW Premier Morris Iemma made the announcement of \$15 million in funding for a new medical research institute at the campus. More at: <http://media.uow.edu.au/news/UOW045908.html>



The CEO and other representatives from the **Australian Rotary Health Research Fund (ARHRF)** will be visiting the UOW on Tuesday 12th August to formally acknowledge UOW researchers. **Amy Dawson** (a PhD candidate supervised by Prof. Xu-Feng Huang from the School of Health Sciences) has received an Ian Scott scholarship (partly funded

by UOW) to investigate whether the disruption of early brain development by factors such as maternal stress or drug abuse, altered genes, etc, makes an individual more susceptible to developing cannabis-triggered mental illness in adolescence.

Prof Frank Deane and his research team also received a mental health research grant from ARHRF (\$59,005) to investigate whether support for carers improves the prospects of young people with psychosis. The team will conduct a trial of two correspondence recovery-based family support programs for 80 carers of young people who have recently experienced a first-time psychotic episode.

The Australian Rotary Health Research Fund (ARHRF) is a multi-district project for Rotary in Australia and one of the largest independent medical research funds in the country. ARHRF's main focus is mental health research but it also funds other health-related research, offers Indigenous Health and Rural Medical and Nursing scholarships and promotes mental health awareness through community forums and schools. More at www.arhrf.org.au.

Selected UOW staff attended the Bio2008 conference in the US (San Diego) recently.

Prof. XuFeng Huang (pictured), Dianna Dawson, Prof. Lee Astheimer and Dr Craig Patch listened to presentations from Arnold Schwarzenegger, General Colin Powell and Craig Venter who is the founder of the Institute for genomic research. The meeting was successful in forging new business partners as well as building existing relationships. The UOW booth showcased our successful and emerging technologies and capabilities. More at: <http://www.bio2008.org/>



NEWS FROM THE CENTRE FOR ASIA PACIFIC SOCIAL TRANSFORMATION STUDIES:

CAPSTRANS welcomes **Assoc. Prof. Dr. K. Thiruchelvam** presently an Associate Professor with the Department of Science and Technology Studies, Faculty of Science, University of Malaya. Prof. Thiruchelvam joins CAPSTRANS as a Visting Fellow (on sabattical leave).

As a CAPSTRANS co-sponsor, from 8 - 14 June 2008, the University of Toronto hosted the "Global Labour History Summer Institute: Transnational Labour, Transnational Methods" workshop. The workshop brought together established scholars, early career researchers and postgraduate students from all over the world to discuss and debate ways of practicing transnational labour and working class history. CAPSTRANS and the Faculty of Arts were well represented, with **Profs Andrew Wells, Jim Hagan and Dr Ben Maddison acting as facilitators, and Drs Vicki Crinis, Christine de Matos and Claire Lowrie** as participants.

CAPSTRANS researchers were also well represented at the biennial conference of the Asian Studies Association of Australia ("Is this the Asian century?") held in Melbourne from 1-3 July. CAPSTRANS sponsored four panels and there were ten academics and PG research students presenting papers. CAPSTRANS sponsored panels (convened by **A/Prof Lyons, A/Prof Scrsae, and Dr deMatos**) were on themes of labour, tourism, and gender in various Asian contexts. During the conference, CAPSTRANS Deputy Director, **A/Prof Scrase**, was also re-elected president of the South Asian Studies Association of Australia for another two year term.

Dr Mark McLelland recently organised *Internet Histories 2: Australia and the Asia-Pacific* held at the State Library in Perth on 14 June. This was the second of two workshops exploring the emerging field of Internet Histories. Following on from the Vancouver (Oct 2007) pre-conference workshop of the

Association of Internet Researchers, this event further investigated the conceptualisation and the problematics of Internet histories.

PhD candidates from the Faculty of Arts (CAPSTRANS) have picked up three of the four available Postgraduate Travelling Scholarships for the Re-engaging Asia workshop, organised by the Australian Political Studies Association (APSA) to be held at Adelaide University, September 5-6. **Margaret Hanlon, Yoko Harada and Ross Tapsell**, will join academics and other research postgraduate students at the workshop, and participate in a PhD master class where they will receive feedback on their work from other participants and researchers.

NEWS FROM SMART FOODS

NCEFF – THE COMPLETION OF A FIVE YEAR RESEARCH PROGRAM

The National Centre of Excellence in Functional Foods (NCEFF) joint venture is nearing completion after five years of strategic science and collaboration with the food industry. NCEFF held its final conference in Sydney on Monday, 16 June with a program focussing on models of collaboration throughout Australia and internationally. Also marking the completion of the NCEFF science program was a full supplement in the June issue of Nutrition & Dietetics featuring 14 review articles of the full NCEFF program, and a feature article in the June issue of Food Australia (vol 60 No 6) discussing the NCEFF achievements. The NCEFF partnership will end later this year. In the meantime they are working closely with their industry advisory board to establish an industry-lead initiative for functional foods, to continue the support and collaboration that NCEFF has provided since 2003.

SMART FOODS CENTRE CONFERENCES AND EVENTS

In June Linda Tapsell travelled to Finland as an invited speaker at the 5th World Congress on the Prevention of Diabetes and its Complications. In May **Yasmine Probst** attended the National Nutrient Databank Conference in Ottawa. **Peter Williams** presented

research on food service experiences in Australian Prisons at the International Conference on Culinary Arts and Science in Norway in June.

SMART FOODS CENTRE CLINICAL TRIALS

The Smart Foods Centre is in the midst of a number of clinical trials including the NHMRC Smart Study and the industry sponsored Appetite Study and Cholesterol Study. The Smart Study is looking at dietary approaches to weight loss, in particular the effects of different types of fats. More than 150 participants from the Smart study will be staying in the Whole Room Calorimeter throughout the remainder of this year and well into 2009. The Appetite study investigates the effect of different meats on feeling on satiety in women. The Cholesterol study will investigate cholesterol-lowering effects of different breakfast cereals. We are still recruiting participants for all 3 studies, anyone interested in participating in any of the clinical trials can speak to the Clinical Trials team on #3466, email: smart_foods@uow.edu.au or register your interest online at <http://www.uow.edu.au/health/smartfoods/clinical-trials-2008.html>

Dr Richard Caladine (CEDIR) has recently completed some contract research for AARNet (the Internet provider for all Australian Universities and CSIRO). The research investigates Personal Computer Video Communications (PCVCs) for example Skype. Richard has been invited to present a keynote presentation on his research at the future AARNet Real Time Communications road show.

Dr MG Michael presented at the Location Privacy Seminar at UNSW on 23rd July "You are where you've been: Technological threats to your location privacy" Topic: Uberveillance 24x7x365 People Tracking and Monitoring www.gmat.unsw.edu.au/lpseminar

CONFERENCES AND WORKSHOPS

The Intelligent Polymer Research Institute (IPRI) is hosting a workshop at the new Innovation Campus (iC) entitled: iC Scanning Probe Microscopy and Hands-On Workshop 2008 scheduled for 28th – 30th August and will feature presentations from 15 leading SPM researchers. SPM areas include Atomic Force Microscopy, Scanning Electrochemical AFM, Scanning Tunneling Microscopy, Conductive AFM, Biological AFM and Force Spectroscopy. For registration and more information such as registration fees, please visit: <http://sites.google.com/site/spmworkshop08/>



A free full day hands-on SPM session is scheduled for 30th August.

SCHOLARSHIPS & FELLOWSHIPS

<http://www.uow.edu.au/research/rsc/student/scholarships/>

Please view the Scholarships website for the following (and other) opportunities:

The **Centre for Health Initiatives** within the Faculty of Health & Behavioural Sciences, is offering two PhD scholarships as part of ARC Linkage Grants, in the areas of “Point-of-sale alcohol marketing” and “Sun Protection program targeting adolescents”

The Faculty of Commerce (Centre for Knowledge Management) is offering a prestigious APAI 3 year PhD scholarship (APAI Stipend Rate is \$25,118 p.a. tax free) in the area of “Measuring and Managing the Impact of Lost

Organizational Knowledge” (as part of an Australian Research Council Linkage Grant project)

A 3 year PhD scholarship is being offered in the Faculty of Engineering at UoW in the area of “Processing of Liquid Steel”

A PhD Scholarship in “Microstructural Characterisation of Insulated Railway Joints”, is being offered by the UOW's **Engineering Materials Institute**.

Do you have research collaborators or partners who you think would like to receive this research newsletter? Please send me (vwallace@uow.edu.au) their relevant details and I can add them to an e-mail list (for an electronic copy) or mail list (for a hard copy).

To ensure inclusion of your research news, event or service in the next issue of RaID (due for publication by mid October), please e-mail details to vwallace@uow.edu.au by October 6th. Editor: Vicky Wallace (Research Service Office)