

IN THIS ISSUE

ARC Linkage Projects; ARC Discovery Project; ARC LIEF Grant

Industry Cooperative Innovation Program (ICIP)

Environmental Infrastructure Research Program (EIRP)

VU Postdoctoral Research Fellowships

FEPSAC International Congress

New Book: A Compilation of Sport Psychology's Most Influential Readings

CICGR: News from Griffith University

RQF Update

2007 RIBG Outcomes

Upcoming Conferences

Upcoming Grant Opportunity

OFFICE FOR RESEARCH BULLETIN TEAM:

Dr Gayle Morris
Director
E: Gayle.Morris@vu.edu.au

T: (03) 9919 4708

Ms Zana Stefanovski
Grants Administration Officer
E: Zana.Stefanovski@vu.edu.au

T: (03) 9919 4710

2008 ARC, AUSINDUSTRY AND EIRP GRANT SUCCESSES

Congratulations to all successful ARC grant recipients in their recent success.

ARC LINKAGE PROJECTS

Developing negotiation decision support systems that promote constructive relationships following disputes.

Prof J Zeleznikow (VU); Prof TM Sourdin; Dr BD Abrahams; Dr AR Lodder.

Funding of \$312,825 over 3 years.

Collaborating/Partner Organisation(s)

Relationships Australia - Queensland Branch
Victoria Body Corporate Services Pty Ltd

Administering Organisation

Victoria University

Project Summary

The development of negotiation support systems that focus upon complying with notions of equity, rather than mere integrative bargaining, will lead to more durable outcomes, meaning negotiated settlements will not be discarded and constantly re-litigated. Our development of appropriate systems will provide disputants with information and knowledge that will lead to the continuation of constructive relationships following disputes and reduce the magnitude and extent of conflicts. This will lead to significant cost savings in the administration of justice as well as reduced legal fees. It will result in more harmonious communities - especially in families and body corporates.

Constructing regionally appropriate anti-racism strategies for Australia.

A/Prof KM Dunn; Dr A Pedersen; A/Prof J Forrest; Dr YC Paradies; A/Prof DF Ip; Prof H Babacan (VU).

Funding of \$188,680 over 3 years.

Collaborating/Partner Organisation(s)

Human Rights and Equal Opportunity Commission

Equal Opportunity Commission of South Australia

Victorian Equal Opportunity & Human Rights Commission

Administering Organisation

The University of New South Wales

Project Summary

Racism is an international social scourge, and Australia is not immune from its injurious effects. The experience of racism degrades senses of belonging and generates disaffection, leads to ill-health and restrictions of mobility, as well as other social and individual pathologies. Reducing racism will strengthen Australia's social fabric. This project tests the utility of anti-racism templates and does so in rural as well as urban Australia. The templates will be usable by local authorities and NGOs in framing their anti-racism efforts.

Data Enhancement, Integration and Access Services for Smarter, Collaborative and Adaptive Whole-of Water Cycle Management.

Prof X Zhou; Prof JL Hunter; Prof Y Zhang (VU); Dr S Sadiq; Dr EG Abal.

Funding of \$270,643 over 3 years.

Collaborating/Partner Organisation(s)

South East Queensland Healthy Waterways Partnership

Administering Organisation

The University of Queensland

Project Summary

The project provides a valuable opportunity to make significant impact on water resource management and create community partnerships that will go well beyond the lifetime of the project. The project is expected to contribute to improved water quality and healthier ecosystems. In turn, the scientifically rich research environment will benefit all involved. It will

demonstrate the capability of the Australian researchers in addressing complex problems in data integration and quality. In particular there will be far reaching benefits of research training for associated PhD students and staff.

ARC DISCOVERY PROJECT

Nanophotonic resonators: Metamaterials, extraordinary transmission & sensing.

A/Prof A Roberts; Prof GW Baxter (VU); Dr TJ Davis.

Funding of \$393,000 over 3 years.

Administering Organisation

The University of Melbourne

Project Summary

This project brings together Australia's strengths in nanotechnology, photonics and sensor technology and complements existing national research programs in nanophotonics. Research into new optical materials, developing novel insights and demonstrating the performance of new devices, will contribute to Frontier Technologies, while innovation in sensor technology falls under the Safeguarding Australia national research priority. This project will enhance Australia's international reputation in science and ensure we remain at the leading edge of one of the newest and most vibrant areas of physical optics. It will capitalise on the expertise of the investigators and gain leverage from Australia's investment in nanofabrication infrastructure.

A number of people submitted ARC and NHMRC grant applications that were not funded - our commiserations. We will shortly be sending details for "near miss" funding and "developing resubmission workshops".

ARC LIEF GRANT

Laser facility for quantum optics, imaging, and fabrication.

A/Prof RE Scholten; Prof KA Nugent; A/Prof A Roberts; Prof S Praver; Dr AD Greentree; Prof GW Baxter (VU); A/Prof SF Collins (VU); Prof H Rubinsztein-Dunlop.

Funding for 2008: \$ 400,000

Partner Organisations and Collaborating Organisations

The University of Melbourne (Lead)

Victoria University

The University of Queensland

Project Summary

The laser facility will play a role in advancing high-profile leading-edge Australian research underpinning a diverse range of technologies, from quantum communications and quantum computing, to

biomedical imaging, fibre sensing and nanofabrication.

INDUSTRY COOPERATIVE INNOVATION PROGRAM (ICIP)

It is with great pleasure to advise that Onesteel Manufacturing Pty Ltd and CESARE have been successful in obtaining funding from AusIndustry under the Industry Cooperative Innovation Program (ICIP) for the project titled "Community Benefits from Building Regulations". Funding of \$844,300 was approved from 2007-2011.

Project Summary: The knowledge and application of fire engineering of structures will be extended and applied to buildings of four storeys and above. Targeted research to fill gaps in existing knowledge will be combined with risk assessment methods to simplify and extend the existing regulatory provisions and provide technical guidance to industry.

ENVIRONMENTAL INFRASTRUCTURE RESEARCH PROGRAM (EIRP)

Dr Eric Peterson from the School of Architectural, Civil and Mechanical Engineering (ACME) has been successful in obtaining funding of \$220,000 from the Department of Local Government, Planning, Sport and Recreation under its Environmental Infrastructure Research Program (EIRP) for a research grant titled "Green powered desalination". This application is culmination of 15 months collaboration with the University of Queensland Centre for Marine Studies and ISI in a competitive bid for the Queensland Government's Environmental Infrastructure Research Program (EIRP) with Brisbane City Council as Industry Partner contributing \$70,000 cash. EIRP encourages the introduction of new and/or innovative technologies and environmental infrastructure solutions, to provide greater financial value for cost efficiencies and improved environmental and social impacts. The EIRP replaced the Advanced Wastewater Treatment Technologies Scheme (AWTT). The EIRP aims to encourage the introduction of innovative technologies and environmental infrastructure solutions into Queensland that provide greater value for money in terms of cost efficiencies and environmental and social impacts; assist councils to maximise both their choices of processes and value for money; and overcome a natural reluctance by organisations to risk being the first to introduce advanced technologies and processes. The September 12th issue of the "South West News" (suburban Brisbane circular) announced that Local Government Minister Andrew Fraser that the

project had been funded and would commence by Christmas, and he has a copy of letter from him to the Lord Mayor of Brisbane that confirms that the "Green powered Desalination" EIRP project is lead by Victoria University.



Plant Site

NEWS FLASH: VU POSTDOCTORAL RESEARCH FELLOWSHIPS

The Victoria University Postdoctoral Research Fellowship Scheme is a new initiative to support outstanding early career researchers seeking to commence an academic/research career. The Scheme provides appointments of 3 years duration (four year appointment may be available with the addition of a teaching component by mutual agreement and subject to the availability of funding). Up to 10 Research Fellowships will be supported in 2008 under this Scheme at Academic Level A or B including a start-up grant of \$15,000. This will be a highly competitive scheme, and applicants are expected to have an outstanding track record relative to opportunity.

The scheme focuses on outstanding early career researchers who would normally be within 5 years of completing their Doctoral qualification. Accordingly applicants must have a PhD or equivalent Doctoral qualification awarded no earlier than 1 January 2003.

Applications will be assessed on excellence, both in relation to the proposed research project and the track record of researcher. Applications will be assessed equally on quality of the research project, track record (relative to opportunity) of the applicant and the research environment in the host School/Faculty/Centre or Institute. It is expected that a significant number of Fellowships will be aligned with the University's areas of research strength, typically Research Centres and Institutes, although outstanding applicants from any discipline in which the University has research strengths are encouraged to apply.

Applications close 15 December 2007

The application form and related information is available at <http://www.vu.edu.au/Research/>

For further information please contact:

Dr Gayle Morris, Director, Office for Research

Telephone: 9919 4708 or

E-mail: gayle.morris@vu.edu.au

FEPSAC INTERNATIONAL CONGRESS

FEPSAC (Fédération Européenne de Psychologie des Sports et des Activités Corporelles) is the largest sport and exercise psychology association in Europe. FEPSAC hold international congresses every four years. Their last congress was in Copenhagen in 2003. This year, from September 4-8, FEPSAC held its conference in Halkidiki, Greece (near Thessaloniki). There were over 700 congress delegates. Victoria University was well-represented with staff (**Tony Morris, Harriet Speed, Daryl Marchant, Mark Andersen**) and student (Michelle Cranston, Michelle Rogerson, Chris Masegno, Erin Peterson, Lior Zach-Maor, Andrew Dunhill, Stephanie Tibbert, Qusai Mubaidin) presentations. Even though we all were from Australia, Victoria University had one of the largest groups of presenters at the congress.

NEW BOOK: A COMPILATION OF SPORT PSYCHOLOGY'S MOST INFLUENTIAL READINGS

For the first time, the most influential readings in the field of sport and exercise psychology are compiled here in one volume, *Essential Readings in Sport and Exercise Psychology* contains the most exciting, innovative, and diverse theoretical orientations and research perspectives generated in the first hundred years of this growing field. In this book, readers will find abridged versions of 50 readings that provide a concise reference to the history, growth, development, and future directions of the field.

The book is written by an all-star cast of sport psychologists—all leading professionals from around the world who have been included in a variety of literature reviews and used as references in numerous sport psychology lectures. From the first research article in the field by Norman Triplett in 1898 to papers regarding the more recent challenges of professional practice in the field, the selections in this compilation are the backbone of sport and exercise psychology. The book includes an essential reading from **Professor Mark B. Andersen**, School of Human Movement, Recreation and Performance.

Reference:

Andersen, M. B., & Williams, J. M. (1988). A model of stress and athletic injury: Prediction and prevention. *Journal of Sport & Exercise Psychology*, 10, 294-306.

CICGR: NEWS FROM GRIFFITH – PROFESSOR ANONA ARMSTRONG

On returning from a visit to the Key Centre for Ethics, Law, Justice and Governance at Griffith as a Visiting Professor, I have been reflecting on the diversity of

approaches to governance. Although many of the activities at Griffith were similar to our own, their research has a major focus on human rights issues. Consequently, while I was there, members of their staff organised a major public forum on the issues surrounding the rights of Dr Mohammed Haneef. Other activities included a study of the integrity system in Indonesia led by Professor Charles Sampford. Professor Sampford is also the driving force behind GovNet, the national network of governance researchers, in which CICGR is a member.

Other projects such as those on crime prevention and community governance, the interest of the Director Professor Ross Homel, are similar to those of our own staff. However, where we differ is in our interests in the governance issues emerging from the business world, the legal challenges and the international issues.



Professor Charles Sampford, Professor Anona Armstrong and Professor Ross Homel.

RQF UPDATE

The Minister recently released the final versions of the *RQF Submission Specifications* and *RQF Panel-Specific Requirements*. Meanwhile, DEST and professional associations (e.g. Council for the Humanity, Arts and Social Sciences) have organised panel focused workshops. VU sent internal RQF panel leaders to attend these important workshops.

At VU, RQF workshops have been organised for internal panel leaders. PVC Prof Peter Creamer gave a presentation on his UK RAE experience in August. An open RQF forum for all VU staff will be held on 3rd Oct (Wed) in G368 FP campus (12:00-2:00 pm). This forum will provide a general overview of the RQF process to inform members of the university community of our current state of preparedness. The role of individuals and research groups will be explained together with details of what will be required of researchers over the coming weeks and months. There will also be an opportunity to ask questions of the RQF Steering Committee.

If you have any questions regarding RQF development at VU, please visit Office for Research website (<http://research.vu.edu.au/ordsite/rqf.php>) or contact RQF Steering Committee.

2007 RIBG OUTCOMES

The Panel recommended the following distribution:

Unit	Recommended Support
CARES	\$48,000
CSES	\$69,368
CESARE	\$34,495
CHTR	\$68,463
Library	\$48,075
Institute for Sustainability & Innovation (ISI)	\$120,000
CTME	\$26,198
e-Research Group, FOHES	\$35,324
TOTAL:	\$449,923

UPCOMING CONFERENCES

- 1st Water Industry Capacity Development Conference (WICD 2008) 30th March – 2nd April 2008, Gold Coast International Hotel, Surfers Paradise, Queensland. For more information visit the conference website:

Education – www.awa.asn.au/events/educationconf08

Efficiency – www.awa.asn.au/events/efficiency08

WICD – www.awa.asn.au/events/wicd08

- The Third International Conference on Industrial Electronics, Technology & Automation (IETA 2007), 3 – 12 December, 2007. For more information visit the conference website: <http://www.cisse2007online.org>

UPCOMING GRANT OPPORTUNITY

The Department of the Environment and Water Resources is calling for applications for the Australian Biological Resources Study (ABRS) Grants Programme to support the documentation of Australia's biological diversity and to improve and increase the national taxonomic effort. The ABRS programme recognises two types of grants: Research Project Grants and Biodiversity Information Product Grants. Closing date for applications with the Office for Research is 27 October 2007 and with the agency on 10 November 2007. For further information please visit the following website:

<http://www.environment.gov.au/biodiversity/abrs/admin/grants/index.html>

THANK YOU: To all who contributed to the content of the Research Matters bulletin.