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We are delighted to report the success of two grants, from the National Centre for Engineering in Agriculture (NCEA).

NCEA obtained funding of \$480,000 over 6 years through a grant from Sugar Research and Development Corporation. The research project is entitled

A Coordinated approach to Precision Agriculture RDE for the Australian Sugar Industry

This project is a collaborative project between NCEA, Bureau of Sugar Experiment stations (BSES) and CSIRO. The project is strategically a long term investment by the sugar industry (i.e. 6 years). The total project funds are approximately \$1,500,000 with NCEA component being approximately \$480,000. The specific objectives of this project include coordination, integration and evaluation of Precision Agriculture technologies (i.e. yield monitoring and mapping) in collaboration with leading farmers, with emphasis on economics, case studies, communication and extension led by the key farmers.

Congratulations to Mr Craig Baille, (Deputy Director) and Mr. Steven Rees from NCEA for winning this grant.

NCEA were also successful in obtaining funding of \$225,000 over 3 years through a grant from Cotton Catchment Communities CRC, entitled **Automation & real-time control of furrow irrigation**. The development of adaptive irrigation control systems is an area of cutting edge research for NCEA. This

project will take surface irrigation systems to the next level developing automated furrow irrigation systems with real time control. The system will use data collected during an irrigation event to adaptively control operational settings that will allow labour and water savings in the cotton industry and ultimately optimise irrigation performance.

Congratulations to Prof. Rod Smith (Faculty of Engineering & Surveying) and Malcolm Gillies (NCEA).



Craig Baille, Steven Rees and Malcolm Gillies

Research project to examine physical activity in rural areas

Researchers from Centre for Rural and Remote Area Health (CRRAH), USQ and University of Queensland (UQ) Queensland will work on a one-year study which is funded by the Population Health branch of Queensland Health to examine physical activity in rural areas.

Congratulations to Dr Robert Eley who has been awarded a \$150,000 grant to study levels of physical activity in rural Queensland. According to him, "Very little is

known about the levels or patterns of physical activity in rural areas”.



The research aims to explore issues surrounding physical activities such as the environment, barriers, age groups, cultural background, and occupational make-up such as tourism or mining having an influence on types of physical activities. This research study also plans to report on chronic diseases such as type 2 Diabetes and Asthma which are influenced by physical activities.

Research project to investigate Sun Tanning Units in Queensland

Congratulations to Assoc Professor Alfio Parisi who had won a research contract for \$95,584 with Queensland Health, for a project titled “**Sun tanning units in Queensland**” which is looking at identifying technical specification and UV output of sun-tanning units used in commercial solarium establishments in Queensland.

RESEARCH CENTRE NEWS

Australian Centre for Sustainable Catchments (ACSC)

ACSC have led a successful bid for the Land and Water Australia's Northern Australian Climate and sustainable agriculture ("NACK") Project. USQ will be the host and leader for this project, with other agencies being CSIRO, APSRU and BoM. A scoping study worth \$100,000 will be conducted initially to develop a Science Plan

for northern Australia focusing on sustainable agriculture under climate variability and climate change.

Prof Roger Stone and Dr Jerry Maroulis are running a scoping study for the Queensland Farmers Federation (QFF) on "The future of intensive agriculture under climate change". This study will assess climate change impacts on intensive industries in Qld and is worth \$85,000 over 5 months.

Commencing 1 March, a series of State workshops are now being held and the final report will be due end June 2008. The Qld Government and US National Centre for Atmospheric Research (NCAR) have invested \$180,000 for Dr Ian Craig to lead atmospheric data systems analyses for the South East Queensland Cloud Seeding Research Program over the next 18 months (to April 2009). This is an International project on cloud physics science directed towards the potential for improved water supply in SEQ. Dr Roger Stone has been contracted for \$90,000 per annum to provide input into the Cloud Seeding Research Program and to run the Science Advisory Group over 4 years.

ACSC has been successful in obtaining a NSW Govt Natural Resources Commission Consultancy to oversee certain NRC-funded or managed projects. In the first instance, the focus will be on the Snowy Hydro Cloud Seeding Initiative request for renewal of funding. The Project commenced 1 March 2008 and is worth \$10,000 over 6 months.

FACULTY NEWS

The Faculty of Business (FoB), Research Committee has endorsed the use of a National Journal Ranking List developed by the Australian Business Deans Council (ABDC). The list was developed following a wide consultation across the sector and stakeholders

such as the ACPHIS, CLD, ANZMAC and ANZIBA. This list can be accessed based on the discipline or as a combined list and the journal details can be viewed at <http://www.abdc.edu.au/3.36.0.0.1.0.htm>

Assoc Prof Raj Gururajan, FoB, encourages his staff to refer to ABDC list and their journal rating.

FoB, welcomes **Professor Shamsodin Nazemi**, an honorary visiting fellow from Iran. He holds the position of Assistant Professor at Ferdowsi University of Mashhad. His research work is in the areas of strategic management, small business and operations/production management.

A workshop was held on Tuesday 22 April for the purpose of forming a potential Sustainable Business Research Centre within the faculty. Robert Marshall, Director, Knowledge Teams International Pty Ltd in Canberra facilitated the day.

The American Educational Research Association (AERA) is the largest educational conference in the world and each year awards are made in various sections. This year, Professor Bruce Waldrip, Faculty of Education, won the best paper award for Learning Environments SIG for the paper titled “*Interpersonal behaviour styles of Science teachers in primary education.*”

USQ Launch - Early Career Research Group (ECRG)

The Office of Research and Higher Degrees put forward a new research initiative, to bring early career researchers together to share information on various research activities. The idea is to provide support to researchers by exposing them to new research opportunities and kick start their career as researchers. Information Session was organised for 21 April by key members of university

research infrastructure. All ECRG's were encouraged to attend this presentation.

This presentation included:

- Introduction to USQ strategy and infrastructure
- Information on USQ ECRG Grant
- Provided a forum for staff members to ask questions

New members are encouraged to be part of ECR group. For further info, please contact bulmer@usq.edu.au or ring 4631 5574

NEW RESEARCH GRANT OFFICER

Jill Albion has recently been appointed as the University's Research Grant Officer.



Mrs. Jill Albion

Jill's primary brief is to offer guidance and support to researchers within USQ. Jill has extensive experience with research grant administration. She worked at Menzies School of Health Research in Darwin (Charles Darwin University) for 8 years. Prior to that post, she worked in the health care industry for 13 years. If you would like to contact Jill regarding research grants, her email address is albionj@usq.edu.au.

**Congratulations...
Post Graduate Scholarship Recipients**

**IPRS SUCCESSFUL SCHOLARSHIP
2008**

Student	Faculty
Thorsten Nieberg	Arts

**APA SUCCESSFUL SCHOLARSHIP
2008**

Student	Faculty
Gavin Brink	Engineering & Survey
Jarrold Kath	Sciences
Ray Malpress	Engineering & Survey
Mona Ryder	Arts
Philip Le Compte Forsyth Stewart	Sciences
Stephen Braithwaite	Sciences
Russell Bauer	Arts

**USQ SUCCESSFUL SCHOLARSHIP
2008**

Student	Faculty
MD Masud Hasan	Faculty of Sciences
Allan Manalo	Faculty of Engineering & Survey
Abebaw Yirga	Faculty of Education
Akihiro Saito	Faculty of Education
MD Belal Hossain	Sciences
Sherilyn Lennon	Education

Did you Know.....

When you are submitting an application for funding, you need to "CC" usqresgrants@usq.edu.au with your submission. This allows the Office of Research & Higher Degrees (ORHD) to capture all requests for funding coming out of USQ.

ORHD oversees the collection of data relating to research publications by academic staff. All 2007 publications must be submitted to the office by 30 April 2008. Research administrators from each faculty will assist academics to add publication details to the database. Mrs. Viji Gururajan (ORHD) and Mrs Colleen Wilson will assist any queries with respect to this collection.

Research Grants and Post Graduate Research Scholarship

RESEARCH GRANTS		
<p>Early Career Researcher Program Deadline: Monday 9 June 2008</p>	<p><i>University of Southern Queensland</i> This program supports on a competitive basis, early career researchers with a demonstrated research capacity who have little or no experience in applying for financial support and conducting funded research. The support of this program will identify the applicant as a member of a research group at USQ and enable the publication of their research outcomes that will assist the researcher in the development of a research track record and enhance future applications for research funding support.</p>	<p>http://www.usq.edu.au/research/grants/ecrp/default.htm</p>
<p>Pfizer Australia Deadline: 23 May 2008 (Internally 5 May)</p>	<p><i>Cardiovascular lipid research grants</i> Awarded for the purpose of furthering clinical research across the broad field of cardiovascular disease, stroke and lipid disorders</p>	<p>http://www.cvlgrants.com.au/</p>
<p>The Harold Mitchell Foundation Deadline: None</p>	<p><i>Arts and health funding</i> Your project or activity must pertain to the field of either the arts or health or a blend of both of these areas of interest. Your project should fulfill one or more of the following criteria to be deemed eligible for consideration of funding.</p> <ol style="list-style-type: none"> 1. CREATES DISCOVERY in the arts and or health fields by breaking new ground and setting up opportunities for the future. 2. INCREASES THE CAPACITY of communities to foster their arts and health activities and the capacity of talented individuals with the commitment and potential to improve our world. 3. ENABLES ESTABLISHMENT of arts or health activities with real potential to take off and be ongoing. 	<p>http://www.haroldmitchellfoundation.com.au/har_howtoapply.asp</p>
<p>Ian Potter foundation Deadlines: General: Arts and Education 30 June 2008 Travel and Conference 30 June (for travel after 5 September) 6 October (for travel after 22 December) Community Wellbeing 30 June 2008 and 6 October 2008 Community Wellbeing International Travel 30 June (for travel after 5 September) 6 October (for travel after 22 December) Small Grants</p>	<p>The Ian Potter Foundation is one of Australia's leading private philanthropic organisations. The Foundation has a track record of funding projects led by far sighted individuals and organisations that improve the Australian community's ability to respond creatively to social, environmental, science and health issues, and that develop our capacity as a nation through the arts and education Since its establishment in 1964, The Ian Potter Foundation has funded projects which advance the frontiers of knowledge in many areas. For example, Sir Ian Potter was instrumental in the establishment of the Howard Florey Institute and the development of the Academy of Science. The Ian Potter Foundation seeks to keep the visionary and entrepreneurial spirit of Sir Ian Potter alive through the forward thinking projects it supports through its grant program.</p>	<p><i>General:</i> http://foundation.ianpotter.org.au/documents/application_general.doc <i>Travel and Conference:</i> http://foundation.ianpotter.org.au/documents/application_travel.doc <i>Community Wellbeing</i> http://foundation.ianpotter.org.au/documents/application_community.doc <i>Community Wellbeing International Travel</i> http://foundation.ianpotter.org.au/documents/application_community_travel.doc <i>Small Grants</i> http://foundation.ianpotter.org.au/documents/application_small.doc</p>

<p>Arts, Community Wellbeing, Education 30 June 2008 and 6 October 2008</p>		
<p>BHP Billiton Deadlines: 1 March, 1 July and 1 November annually (<i>Next round 10 June internally</i>)</p>	<p><i>Corporate Community Programme</i> BHP Billiton invites applications under its corporate community program. This programme manages a key group of partnerships with Australian and international community and environment not-for-profit organisations. In addition to the key partnerships, a small number of national projects from non-profit organisations in Australia re selected for support each year. These projects generally fall in the range of \$50,000 to \$200,000 although a longer-term project could receive this amount annually for up to 3 years. Projects that will provide sustainable long-term social or environmental benefits to Australian or international community are preferred. These may include leading edge projects in clinical medical research and research into occupational health and safety.</p>	<p>http://www.bhpbilliton.com/bbContentRepository/fundingApplicationFormJan08.doc http://www.bhpbilliton.com/bbContentRepository/docs/SustainableDevelopment/Community/Guidelines.pdf.</p>
<p>The Rio Tinto Aboriginal Fund Deadlines: <ul style="list-style-type: none"> ▪ 10th February ▪ 10th May (Internally: 1st May) ▪ 10th August (Internally: 1st August) ▪ 10th November (Internally: 3rd November) </p>	<p>Research Grant SUITABLE INITIATIVES FOR FUNDING The Rio Tinto Aboriginal Fund's areas of focus are: <ul style="list-style-type: none"> ▪ Education ▪ Health ▪ Youth and leadership ▪ Social justice ▪ Cultural celebration <p>The Fund provides support for a variety of programs and initiatives, both large and small, across Australia. Funding may be provided on a once off basis or over a number of years. The Fund also supports programs where different organisations work in partnership, or where funding comes from multiple sources. The Rio Tinto Aboriginal Fund especially welcomes applications from Indigenous community organisations. The Fund particularly values programs that: <ul style="list-style-type: none"> ▪ Meet a need expressed by Indigenous people ▪ Are initiated by Indigenous people ▪ Involve Indigenous people in their development, management and implementation ▪ Have community support ▪ Build strength and capacity in Indigenous people and communities ▪ Deliver direct sustainable benefits to Indigenous people ▪ Have clearly defined outcomes. <p>Applicants should demonstrate a commitment to working with Indigenous communities to build capacity.</p> <p>WHAT ISN'T FUNDED Funding is not provided for: <ul style="list-style-type: none"> ▪ Capital works and expenditure, vehicles, travel (except where it is an essential minor part of a larger program supported by the Fund), conferences, exhibitions, events, ventures which are commercial in nature, general fund raising appeals, long term recurrent expenditure, programs that are usually considered to be in the realm of government, or individual education support costs. <p>Research is only supported where it incorporates a community program.</p> </p></p></p>	<p>http://www.aboriginalfund.riotinto.com/apply.aspx?ID=6</p>

	<p>Submissions for funding for the following year shall not be considered before August.</p> <p>Applicants will be notified within two weeks of lodging their submission as to whether or not the submissions are suitable for consideration at the next board meeting. Applicants will be informed of the board members' decision at the beginning of the month after the closing date. All unsuccessful applicants will be notified.</p> <p>The Fund does <i>not</i> require funding recipients to have deductible gift recipient (DGR) status.</p> <p>Applicants are encouraged to seek funds from a number of sources.</p> <p>Submissions should demonstrate that the proposed program has been thoughtfully planned. However, the board members base funding decisions on the merit of a program, not the quality of the written submission</p>	
FELLOWSHIPS AND SCHOLARSHIPS		
Scholarships in Higher Education (<i>DEWR</i>)	Scholarships, fellowships, awards and other sources of funding for study and/or research available through the Higher Education Group, DEEWR.	http://www.dest.gov.au/sectors/higher_education/policy_issues_reviews/key_issues/scholarship/default.htm#cls#cls
TRAVEL GRANTS		
The National Heart Foundation of Australia Deadline: 2 June and 1 September 2008 (<i>Internally 12 May</i>)	<p>Open to junior researchers working in cardiovascular disease or related areas. Grants may be awarded to:</p> <ul style="list-style-type: none"> • Current NHFA fellows and scholars travelling overseas for conference presentation; • Higher degree students travelling overseas for conference presentation; • Junior postdoctoral fellows, with no more than 5 years postdoctoral experience, travelling overseas for conference presentation; • Indigenous health researchers travelling within Australia to present their research <p>Funding limited to \$2,000 / award. Applications must be Australian citizens or permanent residents.</p>	http://www.heartfoundation.org.au/Travel_Grants.htm