

FACULTY OF SCIENCE RESEARCH BULLETIN

ISSUE 10: JUNE 2017

Welcome to Issue 10 of the Faculty of Science Research Bulletin. As usual we feature lots of information about the latest research projects, awards, grants and professional development opportunities. Welcome to Issue 10 of the Faculty of Science Research Bulletin. This month we get to know PhD candidate Georgia Wingfield who is conducting some interesting research about dehydration and performance. Georgia is also recruiting fit males for her current project if you want to be involved in her research.

Following the keen interest in the feature in last month's bulletin on the field of Exercise Physiology we have introduced a new section called 'What Is...?' This month we learn about 'Terroir', which is a term used in wine making and consumption. Thanks to Dr Leigh Schmidtke for providing the information about terroir. This information also fits neatly with the article about new PhD candidate Wes Pearson who is studying the terroir of Australian Shiraz. Please feel free to submit an article about a term or research area.

The bulletin is emailed to all staff and HDR candidates in the Faculty of Science in the first week of each month. If you have a news item, a resource, announcement or a great achievement related to research or HDR candidature you'd like to share, please send it to [Deborah](#) or [Melanie](#) for inclusion in the next bulletin.

Previous issues of the bulletin can be downloaded from the Faculty of Science Research News and Highlights page [here](#)

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Congratulations - Approved for Graduation



Nishat-E-Sharmin Trisha, thesis titled "*Awareness and Knowledge and Lifestyle Practices Related to Coronary Heart Disease among People from Bangladesh*"

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Applications for the CSU Writing-Up Award now Open



The Writing-Up Award is intended for Higher Degree by Research candidates who have, or will have, submitted their thesis between 8 August 2016 and 4 August 2017.

It is designed to provide a modest income to authors during the preparation of research articles or books which are based on their thesis submitted for a PhD, Research Doctorate or Masters by Research. The objective of the award is to support the increase of publication rates of Higher Degree by Research students at CSU.

Scheme guidelines and an application form are available [here](#) on the Research Office website. Applications must be submitted to research@csu.edu.au by close of business 23 June 2017.

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L'Oréal-UNESCO for Women in Science - Mentoring Scheme



This year the Australian L'Oréal-UNESCO for Women in Science (FWIS) program will be launching its first mentoring scheme, in which their FWIS Alumni (past and present Fellows) will become mentors to passionate and ambitious PhD students. The Fellows have established themselves as exceptional researchers, communicators and leaders within their scientific fields and are wanting to share their wealth of knowledge and experience to help develop the necessary skills and instil confidence in our future women leaders.

Applications for mentees **will close on Friday 16th June 2017**, for further information please contact [Melanie Snell](#).

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3MT Heats – 13 & 14 June



CSU will be holding two heats as part of the competition, one for candidates on the Wagga Wagga campus, and one for online candidates and candidates on the Albury and Bathurst campuses. The top four competitors from each heat will go on to compete in the 3MT @ CSU Final on Wednesday 12 July.

The winner of the 3MT @ CSU Final will go on to represent the university at the 2017 Asia-Pacific 3MT Competition being held in Brisbane in September. Below are details for each heat. We have over **15 participants from the Faculty of Science** so please come along to support them if you can.

- **Tuesday 13 June, 2017 – Albury, Bathurst & Online Heat @ 10am – 12pm**

Go to one of these rooms and wait for the video conference to auto-connect.

Bathurst Creswell Meeting Room, Allen House Room 131, Building 1431 VC EDU BA01 1431.131

Albury DIT Meeting Room Room 113, Building 678 VC DIT AW02 678.113

Join from your computer using **Web Browser**: (Chrome is recommended) <https://conference.csu.edu.au/447703>

Join from your computer using **Skype for Business**: 447703@video.csu.edu.au

Join using your Phone: Dial 37555 and input the Conference ID as 447703, followed by the hash (#) key. External callers Ph. 02 6933 7555

Join from outside of CSU using Non-CSU Video Conference System External SIP: 447703@video.csu.edu.au

External IP: 137.166.4.156 Conference ID - 447703 followed by the hash (#) key.

- **Wednesday 14 June, 2017 – Wagga Heat @1 - 3pm**

Meeting Room 278-281, Building 13 (William Merrylees Library) Wagga Campus *This will not be delivered online.

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Would you like a Communal HDR Space on Wagga Campus?



HDR Representative Monique Shephard has raised the idea of having a space within the library in Wagga for HDRs to use to be able to meet other HDR students on campus, hold small groups for seminars, talks, and writing and be able to have face to face meetings. This would be a great way to facilitate contact with other HDR students on campus and also have a space to be able to hold sessions that would be of value for HDR students across the university, such as writing sessions or discussion groups on methodology or theory or even anti-procrastination. This would enable HDR students to come into contact with each other in a communal setting and to bridge the school and discipline boundaries that sometimes create barriers to students meeting other students from outside their discipline.

If you feel that this would be beneficial could you please suggest this directly to the Library post-survey by sending an email to [Karen Mackney](mailto:karen.mackney@csu.edu.au), Faculty Liaison Librarian.

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From the Horse's Mouth – Real Experiences



Beginning on the 5th of June is a series of lunch-time talks with higher degree research candidates. The series is called '*From the Horse's Mouth*'. All sessions are online in Adobe Connect. Everyone is welcome.

1. **How I project-managed my PhD while running ultra-marathons** - Heather Collins (PhD in farm management), Massey University, New Zealand - 12:30 to 1:30pm, **Monday 5th of June**. Register here: https://connect.csu.edu.au/horsesmouthheather/event/event_info.html

2. **The Risks and rewards of questioning your research paradigm** - Nat Thompson (PhD in digital literacies) - 12:30 to 1:30pm, **Thursday 15th of June**. Register here: https://connect.csu.edu.au/horsesmouthnat/event/event_info.html

3. **True Story: How I got my dream job** - Erica McIntyre (PhD in psychology) - 12:30-1pm, **Thursday 13th of July**. Register here: https://connect.csu.edu.au/horsesmoutherica/event/event_info.html

4. **Academic self-care and juggling plates in the air** - Belinda Cash (PhD in social work) - 12:30 to 1:30pm, **Tuesday 18th of July**. Register here: https://connect.csu.edu.au/horsesmouthbelinda/event/event_info.html

Questions are welcome (including requests for topics for the next 'Horse's Mouth' series!) - Cassily Charles, ALLaN Coordinator (Postgrads) - ccharles@csu.edu.au

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Wes Pearson Tackles Shiraz Terroir Study in a Full-bodied Manner



CSU and NWIG are delighted to welcome Wes Pearson, a Senior Sensory Scientist at the Australian Wine Research Institute (AWRI), as a PhD Candidate at CSU. Wes's PhD studies will be an integral component of the recently funded Wine Australia project, Benchmarking regional and subregional influences on Shiraz fine wines.

CSU investigators involved in the study are Dr's John Blackman, Leigh Schmidtke, Andrew Hall and Andrew Clark. This is a multidisciplinary study that will define the sensory properties of Shiraz wines from selected regions in New South Wales, Victoria and South Australia. The project aims to identify the sensory and chemical attributes associated with typicality from these regions by utilising the collective expertise of climate scientists, wine scientists and sensory experts.

One of the first tasks in this project will be to convene winemakers/industry professionals to help characterise the Shiraz wines that are representative of the particular Australian Geographical Indications. Collection of useful sensory data is often difficult in this type of forum, however a relatively new rapid sorting method, Pivot@Profile, will be utilised for wine selection. This method was recently trialled in Melbourne, employing the talents of 50 of the world's top sommeliers, to gain a greater understanding of our wines.

Wes (and his willing supervisory panel) first chose a 'reference' or 'pivot' wine that had middle-of-the-road qualities. The sommelier group was then asked to rate 17 wines in comparison with the reference. Was the wine darker than the reference? Was it more acidic or did it have great intensity or was it peppery – and so forth. The exercise received wonderful feedback from the sommeliers who found that the comparison wine helped identify the differences between the wines. Even more importantly, statistical analyses of the data collected has shown that the Pivot@Profile method clearly separated the wines on the basis of key sensory features.

Wes Pearson - Future Leaders Program



Wes has just been selected in the 2017 intake of the prestigious Future Leaders Program. This is a Wine Australia initiative for both professional and personal development in order to create a network of confident, committed individuals who will "be next" and contribute to the future success of the Australian Wine community.

Great work Wes! A fantastic start to your PhD studies at CSU.

** Want to know more about Terroir refer below to the separate article on Terroir.

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Clare Flakelar – Winner of International Award



Ms Clare Flakelar a PhD student in the Faculty of Science and Graham Centre for Agricultural Innovation was recently presented with a student excellence award at the American Oil Chemists' Society (AOCs) conference in the United States.

Clare's research is supervised by Associate Professor Paul Prenzler, Drs Greg Doran and Julia Howitt from the School of Agricultural and Wine Sciences.

Congratulations Clare on your award.

Read more at [CSU media](#)

Photo courtesy of CSU media.

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Getting to Know – Georgia Wingfield (HDR candidate)



This month we meet Georgia Wingfield who is completing a PhD in the School of Exercise Science, Sport and Health. Georgia has been working in partnership with Head Road Coach of Cycling Australia and New South Wales Institute of Sport (NSWIS) on a project. Georgia is also recruiting subjects for her current study (details at the end)

How did you come to being a PhD student at CSU?

I began a Bachelor of Exercise Science (Rehabilitation) at CSU on the Bathurst campus in 2011 - 2013, I then completed an Honours project to extend on this degree in 2014. By completing and having control over my own research projects, I decided that continuing my studies and undertaking a PhD project would be the best opportunity for me to begin a career in research. Late in my Honours year I was offered a position to begin a PhD at CSU and jumped at the opportunity without hesitation.

What were you doing prior to starting at CSU?

After completing the High School Certificate in 2009, I took a year away from studying and worked at a local physiotherapy clinic. In late 2010 I decided to complete a certificate IV in sports massage in the hope that the anatomy and physiology knowledge could give me an advantage at University and give me more opportunities for work when I moved to a new city.

What is the focus of your PhD?

My research focuses on the central regulation of fatigue during exercise. By manipulating external mechanisms which may contribute to cycling performance, I hope to establish a relationship between activity in the brain, subjective perception of exercise intensity and exercise performance.

For one of the most recent studies I have completed, I teamed up with the Head Road Coach of Cycling Australia and New South Wales Institute of Sport (NSWIS), Brad McGee. While the research project was designed by myself and my supervisory team, Brad pushed for members of his NSWIS team and developing cyclists to be involved in the study and participate. This particular project looked at the effects of deception on cycling performance, so we needed our participants to be well-trained and extremely familiar with spending long, continuous periods on a bike. We didn't think it would get much better than using cyclists currently competing for Cycling Australia and Cycling New South Wales. This partnership was a great opportunity to collaborate with professionals working and training in the field, with extensive cycling experience, and University researchers looking to incorporate high-performance sport into innovative research projects.

Who is funding your research?

Prior to beginning my PhD, I was awarded the Australian Postgraduate Award (APA) scholarship which provides funding for my research projects. The instalments of funding each semester has been beneficial in purchasing consumables for each of my projects.

Why does this research interest you and why is it important?

The focus of my research is interesting as it is so diverse. I have been able to include multiple variables and get plenty of hands-on experience using a variety of different types of equipment to examine both physiological and neurophysiological variables. This research will be an important contributor to the wealth of knowledge about fatigue, and provide insight into the central mechanisms which may contribute to performance regulation.

The current study, which I am in the process of collecting data for at the moment, is looking at dehydration and exercise performance. Currently there are gaps in the literature which are yet to divulge information pertaining to how dehydration may affect the central regulation of performance.

What's your favourite meal?

Would have to be my Dads home-made Spaghetti Bolognese.

If you could invite anyone to a dinner party who would you invite and why?

Being at the top of her game for so long, I would have to choose Serena Williams. After recently watching her documentary, she came across as a very lively and energetic character. She is a face for gender equality in sport, and would have plenty to say about sport and exercise.

Recruitment ***For her current study, Georgia needs well-trained males in the Central West area of NSW to participate. For more information, please contact Georgia at gwingfield@csu.edu.au

Thanks Georgia for agreeing to be interviewed.

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Associate Professor Shokoofeh Shamsi - Brings World Parasite Experts Together



Associate Professor Shokoofeh Shamsi from the School of Animal and Veterinary Sciences was successful in obtaining a LifeWatch Grant to run a workshop at the Flanders Marine Institute in Belgium— home of the World Register of Marine Species (WoRMS).

The aim of the workshop, which was held in April 2017, was to bring world parasite experts together to define a long-term plan to maintain the World Register for Marine Species

and to establish a new parasite portal. LifeWatch Belgium is part of the E-Science European LifeWatch Infrastructure for Biodiversity and Ecosystem Research.

Photo: Associate Professor Shokoofeh Shamsi (far left) with workshop participants at the Flanders Marine Institute.

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Professor Linda Shields – Featured on RN’s Ockham’s Razor

Professor Linda Shields, Professor of Rural Health, within the Faculty of Science was recently interviewed by renowned science journalist Robyn Williams for an episode of Radio National’s Ockham’s Razor. Linda discussed translation of research and the fact that often research done by nurses, midwives and allied health professionals is overlooked. The full episode can be downloaded from the [Okcham’s Razor website](#)

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Successful Grant Recipients



Congratulations to the following FOS & ILWS researchers who have recently been awarded funding for their research projects:

Robyn Watts and Julia Howitt – Koondrook Pericoota Floodplain Runoff Project – Forestry Corporation of NSW

Kim Jenkins – Murrumbidgee Short Term Monitoring in the Western Lakes – Commonwealth Environmental Water Office (CEWO)

David Watson, Gary Luck & Dale Nimmo – Acoustic Observatory- a network to monitor biodiversity across Australia – ARC LIEF

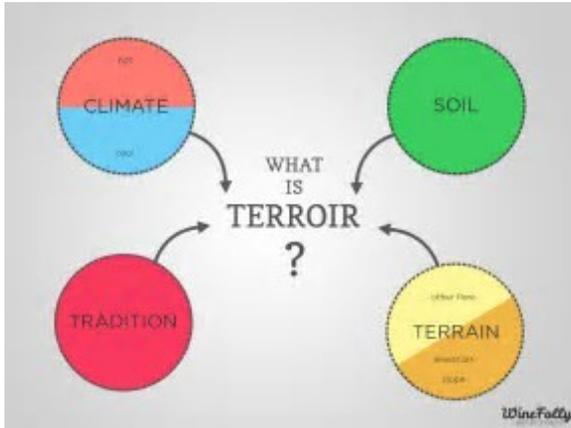
Skye Wassens – Billabong-Yano Creek Wetland Monitoring Proposal – Murray Local Land Services

Dale Nimmo – The influence of invasive predators and fire regimes on northern quolls – Department of Parks and Wildlife, WA.

For more information about these projects please refer to the [ILWS research webpage](#)

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What is Terroir?



What is Terroir?: The very notion of how landscapes, people, processes and environmental factors interplay is at the heart of the concept of terroir. The word itself originated from winemakers in France who ascribed differences in wines to regional factors, vineyard management and production systems.

'Terroir - from the earth' is a term frequently used to explain all differences attributed to production systems in varying locations. Whilst the term itself originated from the French wine industry, the concepts of terroir extend back to the ancient Greeks and Romans who understood that some wines were better than others depending on the region or vineyard. A more prosaic concept of terroir is attributed to Benedictine and Cistercian monks who

Investigating terroir: So how does one investigate the impact of terroir on the composition of agricultural products? In terms of grapes and the wines made from specific parcels of fruit a vast number of factors (climate, soil, trellising system, vine health, yield) could be expected to impact upon the final wine sensory experience.

Long term observations of regional differences in wines eventually led to the development of a system of appellation inferring that specific parcels of land can produce unique flavours in the wine. This system in France is termed the 'Appellation d'origine contrôlée' (AOC) and products with AOC designation are guaranteed to conform to a specific set of standards associated with traditional approaches to production including ingredients and techniques.

The system of designated geographical origin used for Australian wines is termed the Geographical Indications (GI), with the boundaries of specific regions clearly defined and protected by law.

Research: CSU researcher led by Dr John Blackman from the National Wine and Grape Industry Centre (NWGIC) in collaboration with researchers from the Australian Wine Research Institute (AWRI) have recently embarked upon a project to define the sensory features that are unique to perceived high quality Shiraz wines from various Australian GI's. Clearly identifying the distinguishing sensory features for a specific wine region is the first step in determining the attributes and the capacity of that region to make clearly distinct wines.

To assist in this ambitious project, expert wine assessment panels, comprised primarily of the local winemakers, will be convened in key GI's to identify representative wines from the region. Comprehensive data overlays of climate and viticultural management practises will then be used to identify some of the important regional attributes that influence the wine sensory and compositional attributes that may be associated with terroir. This project is a small but important first step in determining how vineyard management and climatic impact will lead to changes in grape and wine composition.

Thanks to Dr Leigh Schmidtke of the School of Agricultural & Wine Sciences and National Wine and Grape Industry Centre for writing this article.

Diagram from Wine Folly <http://winefolly.com/tutorial/terroir-definition-for-wine/>

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Acting Staff in the Faculty of Science

There have been some recent staff changes within FOS.

- Associate Professor Ben Wilson has been appointed *Acting Associate Dean, Academic, Faculty of Science* from 15 May 2017- 30 July 2017
- Associate Professor Janelle Wheat has been appointed *Acting Deputy Dean, Faculty of Science* from 15 May 2017- 30 July 2017.

- o Professor Frank Marino has been appointed *Acting Associate Dean, Research, Faculty of Science* 19 May 2017- 30 July 2017.

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Checklist to Determine the Ethics Committee - **New** Flowchart



The CSU Human Research Ethics Committee (HREC) has recently introduced a *new flowchart* which replaces the Low Risk Checklist to determine which level of ethics committee researchers should submit their ethics application for review.

****** Please note that some low risk applications will now be reviewed by HREC. Please do not assume that all low risk applications will be reviewed by the FOS FHEC.

Please use the new flowchart to determine if you should send your application to the HREC or the FOS FHEC for review. The new flowchart can be found on the HREC website at:

http://www.csu.edu.au/research/ethics_safety/human/hrec_application

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FOS Ethics Meeting Dates



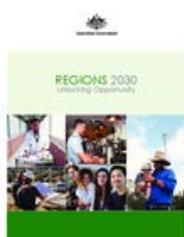
The next meeting of the Faculty of Science Human Research Ethics Committee will be held on **Thursday 13 July 2017**. The submission deadline for new applications for this meeting is **Monday 3 July 2017, 3pm**.

Information on the application process and can be found on the [Faculty webpage](#).

AGENDA CLOSING DATE	MEETING DATE
03 July 2017	13 July 2017
31 July 2017	10 August 2017
4 September 2017	14 September 2017

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Regions 2030: Unlocking Opportunity



The Department of Infrastructure and Regional Development (Australia) has recently released the Regions 2030 policy document which outlines the Australian Government's investments, achievements and future direction for regional Australia across the five key areas of: jobs and economic development; infrastructure; health; education and communications.

It document also provides examples of how the Government's investments are making a difference for regional communities.

Free to download from APO <http://apo.org.au/node/90806>

Identifiers: ISBN 978-1-925531-51-0

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SSP 2017 - Application Process Now Open For Academic Staff

Applications are invited from academic staff wishing to apply for Special Studies Program (SSP) during 2018.

SSP is designed to give members of the academic staff of CSU the opportunity to undertake research, creative and professional activity or the scholarship of teaching in areas of identified strategic importance to CSU and to the professional development of the employee, which cannot normally be undertaken within the employee's duties at CSU

Information about SSP is available at <http://www.csu.edu.au/division/hr/career-devel/special-studies-program-ssp/home>

The closing date for receipt of SSP applications to Faculty Office is **30 June 2017**.

Faculty Committees will meet to consider applications during July – August 2017 and applicants will be advised of outcomes in September 2017.

For enquiries please contact your Faculty office or Dawn Fairweather on 32716 or at dfairweather@csu.edu.au

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What are your Safety Responsibilities?



Did you know that everyone in the FOS has some form of WHS responsibility? You may be responsible for the safety of others too. If you are teaching or supervising students, both undergraduate and HDR.....

- Ensure that work areas and equipment under their control is safe and without risk to health and safety;
- Ensure all hazards and incidents are identified, assessed, controlled and reported via the SCRIM reporting process;
- Provide appropriate instruction, information, training and supervision to staff, students and others to enable work to be carried out safely;
- Implement responsibilities as identified in CSU Injury Management Program;

Other responsibilities as outlined in the [WHS Management System documentation](#).

If you are looking for more information please follow the link <https://policy.csu.edu.au/document/view-current.php?id=187>

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Updated, User Friendly New Interface for CRO



The Library's research repository system, CSU Research Output or CRO, was recently relaunched using Elsevier's Pure and can be accessed from <http://researchoutput.csu.edu.au>.

This new version of CRO will help raise the profile of CSU's researchers and research outputs by displaying researcher profiles, publications and listings by Research Centre and School. Users will find it easy to create links to profiles and publications in CRO.

All legacy data and research outputs from the previous system have been migrated and are discoverable in this new environment.

Links to the old system are now obsolete. They have been changed where they are known but email signatures and links to content in Interact will need to be updated. If you find broken links please contact cro@csu.edu.au

Open access publications in the repository will still be accessible and easier to find using Google and Google Scholar.

From July, researchers will be able to add new records and edit researcher profiles. The new system has the facility to collect CSU publications from databases such as Scopus, Web of Science and Ebsco which will save time entering publication data. Publication data will be transferred from CRO to MyResearch. Training and support materials will be available.

Have a look at the new [interface](#) and check out your publications.

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What is the Difference? - CRO, MyResearch and ROC?

What's the difference?



- CSU Research Output ([CRO](#)) is the public showcase of our research outputs
- [MyResearch](#) is an administrative system where the publication data is processed for Government and University reporting (eg. ERA) and is only accessible within CSU
- The Research Outputs Collection ([ROC](#)) is the name of the internal assessment of the outputs that have been collected in CRO

Who is responsible?

- CRO is managed by the Library
- MyResearch and ROC are both managed by the Research Office

The Library and the Research Office work closely to ensure the processes align and the publication information is collected only once.

Why do these systems or processes exist?

CRO raises the profile of CSU's researchers and research outputs by displaying researcher profiles, publications and listings by Research Centre and School. Open access publications in the repository are accessible to the public and findable using Google and Google Scholar.

- MyResearch is an internal central research information management system which allows for recording and monitoring a range of research activities, including research output assessments
- ROC assessment provides data that is used for the following purposes:
 - The Employee Development and Review Scheme (EDRS)
 - The inclusion of research outputs data for the purposes of academic promotion
 - External funding proposals: research environment
 - Maintaining profile against the Definition of Research Active
 - Faculty and School Reviews
 - University Research Centre reviews
 - Performance-based funding from DVC RDI including Compacts and Research Centre annual operating budgets

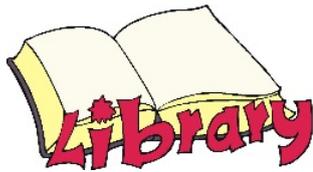
Meeting the Higher Education Standards Framework requirement for maintaining a system for "accurate and up-to-date recording of the research outputs of staff and research students"

Still have questions?

Please don't hesitate to contact cro@csu.edu.au for questions about CRO, or rmpublications@csu.edu.au for questions regarding MyResearch and ROC.

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Library News – Research Professional Training Comes to You



Are you looking for Research Funding and not sure how to go about it? The Library can help you use the [Research Professional](#) database; a searchable database dedicated to funding opportunities. These are both from Australia and around the world. You can search using specific criteria including dates that you need the funding, subject areas, disciplines, award types and funding bodies. The Library can help you set up an individual search alert for related subject area funding.

The Library and the Research Office are working to prepare customised alerts for each School in the university. Researchers from the School of Dentistry & Health Services have already been enrolled in their School alerts, and alerts are currently being prepared for Nursing Midwifery and Indigenous Health, Humanities & Social Sciences and the Centre for Law & Justice Studies.

Contact the [Faculty Liaison Librarians](#) for more information on this or other training opportunities.

Other upcoming training includes:

6th Jun 2017	Using Health & Medical Databases
15th Jun 2017	Using Citation Databases (including Scopus, Web of Science and Google Scholar)
26th Jun 2017	Presenting Research Metrics for Grants and Promotion
27th Jun 2017	Using Library Databases
28th Jun 2017	Integration of Endnote & NVivo

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IMPACT 17 – Amplifying the Impact of Australian Scientists



IMPACT7 is a new, national event amplifying the impact that Australian scientists have on our world. Over one day, researchers will showcase their innovative solutions to 7 major challenges facing this generation. This is research that matters, and could impact the way we think, work, and live.

It is an opportunity for researchers to showcase their impact potential to [impact leaders](#), gain feedback on their ideas, and meet potential partners or end users. All IMPACT7 presenters are in the running for prizes such as funding, mentorship and equipment.

Date: Tuesday 1 August 2017

Venue: Meat Market, Melbourne (5 Blackwood Street, Melbourne). Ten travel grants are available for those shortlisted to present.

The 7 Challenges: Food security and quality, Resilient and valuable environments, Clean energy and resources, Health and wellbeing, A secure Australia and region, Innovative industries, Wildcard

Applications are open until Friday 16 June 2017.

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Australia - China Young Scientists Exchange Programme

The external deadline for applications is 09.00 (AEST) Monday 26 June (internal deadline 12 June).



The Australian and Chinese Governments jointly fund the Young Scientists Exchange Programme (YSEP) for early to mid-career researchers. Australian involvement is supported through the Australia-China Science and Research Fund (ACSRF).

YSEP provides an opportunity for **early to mid-career researchers from Australia and China to undertake a two week exchange**. Successful applicants will establish linkages with a range of relevant research organisations in a structured programme and learn about the science and research environments of each country.

Australian participants will travel as a group to China in the given travel period: 22 October-4 November 2017.

The Australian Academy of Technology and Engineering (ATSE) has been engaged to run YSEP in 2017. Please refer to the [ATSE website](#) for further information.

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Cooperative Research Centre (CRC) Grants – Now Open

The external deadline for applications is 5pm (AEST) 12 July 2017 (internal deadline 29 June)

Cooperative Research Centre (CRC) grants support medium to long term industry-led collaborations to develop important new technologies, products and services. CRC grants solve industry problems and deliver tangible outcomes.

Cooperative Research Centre grants provide CRCs with up to 50% of the resources with no specified limit to funding available for each CRC.

The CRC collaboration must at least match the amount of grant funding sought through cash and/or in-kind contributions. All in-kind contribution means non-cash resources provided by a participant to conduct the activities of the CRC. They may be staff or non-staff resources.

- You can use the funding to support the costs of:
- research
- salaries
- student placements
- commercialisation
- capital items, such as equipment.

You cannot use CRC Programme Funding for the same activities or project previously or currently financed through any other funding scheme.

More information can be found at the [Department of Industry, Innovation and Science webpage](#).

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Endeavour Scholarships and Fellowships



The external deadline for applications is noon (AEST) 30 June 2017 (internal deadline 19 June)

The 2018 round of the Endeavour Scholarships and Fellowships has now opened. The program provides opportunities for **Australian postgraduate students, and postdoctoral researchers** to undertake international research and professional development in an eligible country overseas. **It also supports University staff, including**

general and administrative university staff to undertake professional development overseas under an Endeavour Executive Fellowship.

International applicants are supported to undertake a full Masters or PhD qualification, as well short-term research at your university. The program is an excellent opportunity for research schools to develop international research linkages.

Applicants are encouraged to read the Application Guidelines and the FAQs section of the [Endeavour Scholarships and Fellowships website](#). Should an applicant have further questions they may email the Endeavour inbox directly on endeavour@education.gov.au.

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The NSW Premier's Prizes for Science and Engineering – Now Open



Nominations close: Friday 30 June 2017

In 2017, a trophy and \$5,000 in prize money will be awarded to individual winners in the following nine categories:

1. Excellence in Mathematics, Earth Sciences, Chemistry and Physics
2. Excellence in Biological Sciences (Ecology, environmental, agricultural and organismal)
3. Excellence in Medical Biological Sciences (Cell and molecular, medical, veterinary and genetics)
4. Excellence in Engineering and Information and Communications Technology
5. Energy Innovation in NSW
6. NSW Early Career Researcher of the Year
7. Leadership in Innovation in NSW
8. Innovation in NSW Public Sector Science and Engineering
9. Innovation in Science and Mathematics Teaching in NSW

For more information refer to the [Chief Scientist & Engineer webpage](#)

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NHMRC Announcement - Cutting Red Tape for Research Grants



The NHMRC has recently announced that it is making improvements to its **grant funding program** to ensure it continues to support the best Australian health and medical research and researchers. The improvements aim to:

- encourage greater creativity and innovation in research,
- provide opportunities for talented researchers at all career stages to contribute to the improvement of human health, and
- minimise the burden on researchers of application and peer review so that researchers can spend more time producing high quality research.
- For more information visit the [NHMRC website](#)

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Monash Intensive Bioethics Course 2017

The Monash Bioethics Centre is running its annual Intensive Bioethics Course from December 1 - December 4th, 2017, and we expect that some of your membership and colleagues may be interested in participating.

Early-bird registration is now open. All of the information about the Course is available through the IBC website: <http://future.arts.monash.edu/intensive-bioethics-course/>

If you have any questions about the Course, please do not hesitate to contact Ryan Tonkens directly by email: ryan.tonkens@monash.edu.

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Finally..... are you drowning in a sea of acronyms and corporate jargon?



At CSU there is tons of jargon & acronyms. In terms of research there is **ABN, ACGR, ADR, ARC, ASRC**..... and that is only the **A's**! A CSU research acronym buster is attached below to help you bust through the acronyms.

Acronyms and jargon can act as a secret industry language which can serve to make people feel left out, or feel stupid. So how about we all aim for at least one day a week without jargon?



[Jargon Free Fridays](#) has some hilarious videos demonstrating what life would be like if workplace jargon spilt over into our home life – enjoy the totally bewildered child!

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Next Issue:

If you would like to contribute a story to the next issue please submit it to **Deborah or Melanie** by the **26th of June**. The next issue will be released in the first week of **July**.

Until next issue.....

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Research Abbreviation List (RAL)

At Charles Sturt University (CSU), and in academia in general, there are many abbreviations that are particular to academic research. This list is aimed at ensuring all Faculty staff, but especially those new to research, can understand the 'jargon' that is commonly used whilst referring to the different aspects of research



ABN	Australian Business Number	HERDC	Higher Education Research Data Collection
ABS	Australian Bureau of Statistics	HDR	Higher Degree Research
ACGR	Australian Competitive Grants Register (lists all grants which are exempt from the competitive neutrality levy)	HEP	Higher Education Provider
ADR	Associate Dean Research	HEW	Higher Education Worker
ANZSIC	Australian and New Zealand Standard Industrial Classification	HREA	Higher Research Ethics Application
ANZSRC	Australian and New Zealand Standard Research Classification	HREC	Human Research Ethics Committee
ARC	Australian Research Council	ISSN	International Standard Serial Number
ASRC	Australian Standard Research Classification	NCGP	National Competitive Grants Program
BAF	Budget Approval Form	NHMRC	National Health and Medical Research Council
CI	Chief Investigator	NTS	Notice to Submit
CRO	CSU Research Output	MoU	Memorandum of Understanding
DBA	Doctor of Business Administration	ORCID	Open Researcher & Contributor ID
DOI	Digital Object Identifier	PI	Partner Investigator
DGR	Deductible Gift Recipient	PORTIA	Postgraduate Research Training Information Assistant
DRC	Direct Research Cost	RGMS	Research Grant Management System
DVCRDI	Deputy Vice Chancellor (Research Development & Industry)	RIBG	Research Infrastructure Block Grants
ECR	Early Career Researcher	RMS	Research Management System
EOI	Expression of Interest	RO	Research Office
ERA	Excellence in Research for Australia	ROC	Research Outputs Collection
FHEC	Faculty Human Ethics Committee	ROPE	Research Opportunity and Performance Evidence
FOAE	Faculty of Arts and Education	SEO	Socio-Economic Objective
FOBJBS	Faculty of Business Justice Studies & Behavioural Sciences	SSP	Special Studies Program
FOR	Field of Research	TCC	Tax Concession Charity
FOS	Faculty of Science	UA	Universities Australia
FTE	Full Time Equivalent	VC	Vice Chancellor