

# FACULTY OF SCIENCE – RESEARCH BULLETIN

**ISSUE 4: NOVEMBER 2016**



Welcome to the November issue of the Faculty of Science's Research and Graduate Studies Bulletin, where we outline all things research and science related!

The bulletin is produced the first week of every month and profiles all aspects of research being undertaken within the Faculty of Science. This bulletin outlines current opportunities for both staff and students including professional development, research tools and news about great achievements.

The bulletin will be emailed every month to all staff and HDR candidates in the Faculty of Science. 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



Congratulations to the following students who have recently been approved for graduation:

- ❖ **Joseph Moore**, thesis titled “The conundrum of Epichloe in Lolium rigidum: Is it symbiosis?”
- ❖ **Paris Preece-Grant**, thesis titled “The Impact of Light on White Wine”

- ❖ **Ahsan Ghani**, thesis titled “Development of a Rapid and Robust Method to Measure Antioxidant Activity in a Lipid System”
- ❖ **Suci Hanifah**, thesis titled “The compatibility of multiple intravenous (IV) drugs administered simultaneously”
- ❖ **Caroline Robertson**, thesis titled “The brain and exercise: neurophysiological correlates of tolerance, regulation and termination”
- ❖ **Kristy Robson**, thesis titled “Exploration of Fall Risk in Regional Australia”
- ❖ **Nicole Vargas**, thesis titled “Limiting Factors in Self-paced Exercise Tolerance - the role of the neuroinflammation and central sensitisation”
- ❖ **Nusrat Subhan**, thesis titled “Phytochemical and pharmacological investigation of Australian Acacia: Ethnomedicine-guided bioprospective approach”
- ❖ **Naveen Gupta**, thesis titled “Effects of Tillage and Mulch on Water Balance and Crop Productivity of the Rice-Wheat Cropping System in North-West India.”
- ❖ **Myeongsoo Kim**, thesis titled “Radiation dose reduction strategies for the dose-image optimisation in abdominal CT and a demonstration of validity of VGA”
- ❖ **Sue Fitzpatrick**, thesis titled “Clinical Supervision in Allied Health: A Process and Model for Policy Development and Implementation”

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## Progress Reporting Round Now Open

The 201660 progress reporting round is now open. The two main purposes of the progress report are to provide a formal opportunity for students and supervisors to review past activities and current progress, and to outline and plan the next stages of candidature.

This reporting round period is from 1 May 2016 through to 31 October 2016 and the submission deadline for reports to be completed and finalised is 30 November 2016.

There is a user guide to assist with the completion of the online form -

[http://www.csu.edu.au/\\_data/assets/pdf\\_file/0010/901837/User-guide.pdf](http://www.csu.edu.au/_data/assets/pdf_file/0010/901837/User-guide.pdf) Scholarship round now closed

The CSU scholarship round advertised in the last issue has now closed. Best of luck to all of those who applied.

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## Two-Day Writing Bootcamp – 8<sup>th</sup> & 9<sup>th</sup> November



Make November your writing month and get ready for some productive and collegial writing days. We will be hosting a two-day writing bootcamp on Tuesday and Wednesday, 8-9 November. This event is in addition to the previously scheduled online bootcamp on Friday, 25 November.

Join us online or in person on Bathurst campus.

For calendar notifications, links and further details contact Joyce Voerman [jvoerman@csu.edu.au](mailto:jvoerman@csu.edu.au) or Judy Redman [jredman@csu.edu.au](mailto:jredman@csu.edu.au)

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## Online Library Workshops for HDR candidates

Learn how to find scholarly online resources for your assignments, how to use EndNote, or discover what services you can get from CSU Library.

Workshop topics include:

- \* Introduction to Library Services
- \* Finding Online Journal Articles
- \* Using eBooks
- \* Using Library Databases
- \* Getting started with EndNote (for PC)
- \* Getting more out of EndNote (for PC)
- \* EndNote for Mac
- \* Learn to Connect: Developing your Personal Learning Network (PLN)
- \* Learn to Connect: Managing your Online Information

Workshops will be held mainly in the evenings (6 pm ADST). To find out more and to register:

<http://library.csu.edu.au/study/online-library-workshops>

Or contact the Library: <http://student.csu.edu.au/library/help-contacts>

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## ALLaN Language and Writing Support for HDR candidates

The ALLaN coordinators, Cassily Charles and Joyce Voermann have a background in linguistics and language education, specialising in academic literacies. We offer workshops and individual feedback on research writing. We maintain the [Research Writing Resources](#) Organisation in Interact, in which all research candidates are automatically enrolled. We also facilitate peer-writing groups, [Shut Up and Write](#) sessions, regular writing bootcamps and other special events.

We offer English language support for students using English as an additional language. We also offer support to supervisors who would like to discuss the language and literacy needs of research students.

We contribute regularly to the Research Office Bulletin and the HDR Induction program to inform candidates of events and available resources. Online workshops, when available, are also advertised in the Professional Development calendar.

You can contact them directly by email or find contact information online via the Student Portal for [HDR Candidates](#) or the [ALLaN site](#).

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## Congratulations - Dr Dale Nimmo - Winner of Tall Poppy Award

On the 29<sup>th</sup> September Dr Dale Nimmo was presented with a NSW Young Tall Poppy Award by the Australian Institute of Policy and Science (AIPS) at an award ceremony at the Museum of Applied Arts and Science in Sydney. The award aims to recognise the achievements of Australia's outstanding young scientific researchers and communicators.

Dale an ecologist and conservation biologist is in the School of Environmental Sciences at CSU in Albury-Wodonga. He is the first CSU researcher to win this prestigious award.



Selection criteria include outstanding research / academic achievement as well as excellence in communication and community engagement to promote an understanding of science. The Award winners ('Tall Poppies') participate in education and community outreach programs in which they become role models to inspire school students and the broader community about the possibilities of science.

*Dr Dale Nimmo recipient of the Tall Poppy Award with Gethin Thomas, Director of Research at the award ceremony in Sydney.*

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## Congratulations (again) - Dr Dale Nimmo – Awarded ARC DECRA



Congratulations to Dr Dale Nimmo on being successful in obtaining a Discovery Early Career Research Award (DECRA) in round 1 2017. Dale's project aims to test the theory that a lack of Indigenous land management precipitated the collapse of Australia's mammal fauna. He will undertake the project over three years.

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## Dr Frank Marino Live Broadcast on CSU Facebook

Dr Frank Marino of the School for Exercise Science, Sport and Health took part in CSU's first ever Facebook Live event where he talked about exercise and hydration. By the end of the day the video had registered over 1.1K views. At the time of writing, the video had received 3.3K views an excellent means of broadening the reach of your research.

See link here:

<https://www.facebook.com/charlessturtuni/videos/vb.28431613915/10155320983013916/?type=2&theater>

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## Pitching CSU Research – Winners of the 5RP Competition

During the last week of October, fifteen CSU researchers competed in the first CSU heats of the Five Minute Research Pitch (5RP) competition. Each researcher presented a five minute presentation about their new or emerging research using only three PowerPoint slides.

The presentations demonstrated the broad range of exciting research currently being undertaken across CSU. With topics including falls among older people, educating against extremism, stabilisation of wastewater in ponds, engineering education and the effect of earthing the body on muscle soreness.

During each of the heats, presenters and audience members were located on three campuses. Therefore each contestant needed to simultaneously pitch to both a live audience and two remote audiences. The standard of presentations was very high with the judges having a tough choice in selecting the heat winners.

The overall winner of the Sciences and Health heat was Dr Abishek Santhakumar, from the School of Biomedical Sciences, who gave a presentation titled *'Antioxidants – Love for the Heart'*. Dr Randi Rotne from the School of Animal and Veterinary Sciences received the People's Choice award for her presentation about fractures in elderly animals titled *'Bone fracture repair and the effect on bone blood supply'*.

The winner of the Arts, Humanities and Social Sciences heat was Dr Kath McFarlane, from the Centre for Law and Justice, who gave a presentation titled *'The progression of children in out-of-home-care in the NSW criminal justice system'*. Dr Sam Bowker from the School of Communication and Creative Industries received the People's Choice award for his presentation titled *'Art of the Egyptian Tentmakers'* which featured colourful slides of the artistic works.



(From left) Heat 1 People's Choice winner Dr Randi Rotne, overall winner Dr Abishek Santhakumar and Gethin Thomas, who was one of the judges on the day.



(From left) Heat 2 winner Dr Kath McFarlane being presented her certificate by Assoc Prof, Peter Simmons.

As winners Abishek and Kath each received \$1000 for their research accounts. They will now participate in the national finals, on the 22<sup>nd</sup> of November on the Gold Coast campus of Southern Cross University, where they will compete against other institutional winners.

Best wishes to Abishek and Kath.

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## Academic Staff HDR Workload Scheme – Now Open

The Academic Staff Higher Degree by Research Workload Support Scheme is now open for applications – closing 25 November.

The Academic Staff Higher Degree by Research Workload Support Scheme assists selected CSU Academic staff members to obtain a Higher Degree by Research (HDR) qualification (Research Masters, PhD or Research Professional Doctorate) in areas of strategic importance to the institution.

Staff members who are admitted to the scheme are eligible to receive formal workload allocation during candidature.

Those admitted to the scheme who are enrolled in a CSU HDR program are eligible for tuition fee support, HDR Student Resource funding and supervision funds to the Faculty.

Details on the scheme and the guidelines are available [here](#)

## Crowdfunding Research: Resources



The Faculty of Arts and Education and School of Information recently hosted a Crowdfunding for Research workshop by Professor Deb Verhoeven, Chair of Media and Communication at Deakin University. Professor Verhoeven is one of Australia's leading proponents of Digital Humanities research.

Professor Verhoeven has kindly made the following resources available:

- A [book chapter](#) about the project with quite a bit of extra detail and analysis
- An [ongoing google doc](#) with tips and tricks
- An older version of the [pptx slides](#) showed by Wade Kelly
- The [evaluation](#) of the pilot project
- University and research [checklists](#)

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## Have you produced a research report? They are now eligible for ERA



A research report is considered a non-traditional research output, and includes those commissioned by external bodies for public access, as well as confidential or sensitive reports not intended for a public audience. Research reports for an external body became recognised as eligible research outputs for the first time in the Excellence in Research for Australia (ERA) 2015 exercise. Sub-categories of ERA eligible research reports encompass public sector; industry; not-for-profit; and other.

In preparation for the Excellence in Research for Australia (ERA) and the impact and engagement exercises, the Research Office is requesting submission of all research reports produced in the period 2011 – 2016 that have not yet been recorded in the MyResearch system. You can submit your research reports through the [online form](#).

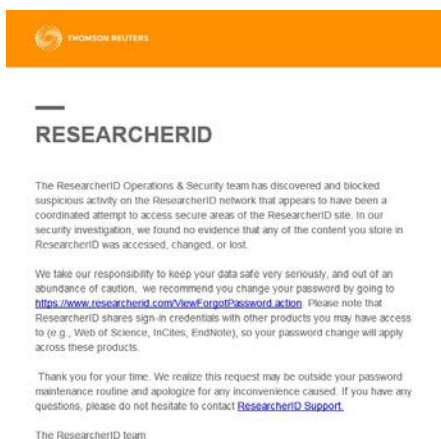
For reports to be eligible for ERA they must have been made publicly available (where permitted) by the **31<sup>st</sup> December, 2016**. Usually this would be via the funding body website, however where this has not occurred for various reasons this can also be achieved by making them open access via [CRO](#) where copyright permissions allow. All submitted confidential or sensitive reports will be locked within the system.

For further information and enquiries regarding research reports please contact the [Research Office Outputs Team](#).

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## Do you have a ResearcherID with Thomson & Reuters?

You may have received an email recently recommending you to change your password to your ResearcherID account (see image below). This was **not** a spam email, so please follow the instructions if you still have the email. If you have deleted the email, you can still reset your password through the [ResearcherID website](#).



**Please note** that when you change your password, it will change the password for your EndNote Online and Web of Science accounts. This password change will only affect your EndNote Library if it is synced with EndNote Online. If this applies to you, please edit your password in the Preferences menu of the EndNote software.

To edit your password...

- Edit>Preferences>Sync **OR** EndNote>Preferences>Sync if you have a Mac.
- Select Enable Sync.

- Update the password and select OK.
- Select apply and your sync process should continue as before.

For assistance editing your password in EndNote, please contact a [Faculty Liaison Librarian](#)

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## Faculty of Science Ethics – New Contact Details



A new email address is now open for all correspondence please send any correspondence or applications to the new email address: [FOS-FHEC@csu.edu.au](mailto:FOS-FHEC@csu.edu.au).

**NEW ADDRESS FOR INFORMATION & CONSENT FORMS etc.**

Deborah Munns  
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Faculty of Science Human Ethics Committee  
Charles Sturt University  
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(02) 6338 6168

The Faculty of Science Ethics Committee meets on the second Thursday of each month. The FOS-FHEC meeting and submission closing dates for the remainder of 2016 are displayed below. **Note: Submissions must be received by 3pm on the date of closing.**

**The committee will be in recess during January 2017.**

Additionally, as many of the committee members take holidays during late December and January there may be a delay in responses during this period.

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Submission Deadline	Meeting Date
Thursday 1 December	Thursday 8 December
	<b>No January Meeting</b>

## CRO Links will change soon.....



Do you have links to CRO in your web page, email signature or subjects? They will all break when we change systems in the next few months. Please fill out this [quick form](#) so that we can tell you what the new links will be when they change.

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## Getting the word out about your research



Until recently the majority of academics had only communicated their research findings to other academics via journals, scholarly books and at academic conferences.

Researchers at CSU, and other universities, are now being strongly encouraged to build closer connections with their broader communities.

But, how do you make non-academic audiences aware of your research? Your local media, radio, television and local papers, are important channels in communicating your research to the regional communities within CSU's footprint. But, how do you communicate to a non-academic audience without sacrificing research rigour?

CSU has a media section with staff on each campus who are experts in ensuring complex issues are expressed as accessible messages for the broader community. The media team know how to write in non-jargonistic language while still conveying the accurate findings of your research.

The media team also have contacts with various media outlets, both locally and nationally. They can ensure that your story reaches the right audience.

Contact Bruce, Hannah, Fiona and Emily of CSU Media at [news@csu.edu.au](mailto:news@csu.edu.au)

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**And finally just because we all feel like a nap at this time of year.....**



<http://www.cutestpaw.com/wp-content/uploads/2012/01>

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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 **25<sup>th</sup> of Novemeber**. The next issue will be released in the first week of **December**.

Until next month.....

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