

RESEARCH OFFICE BULLETIN

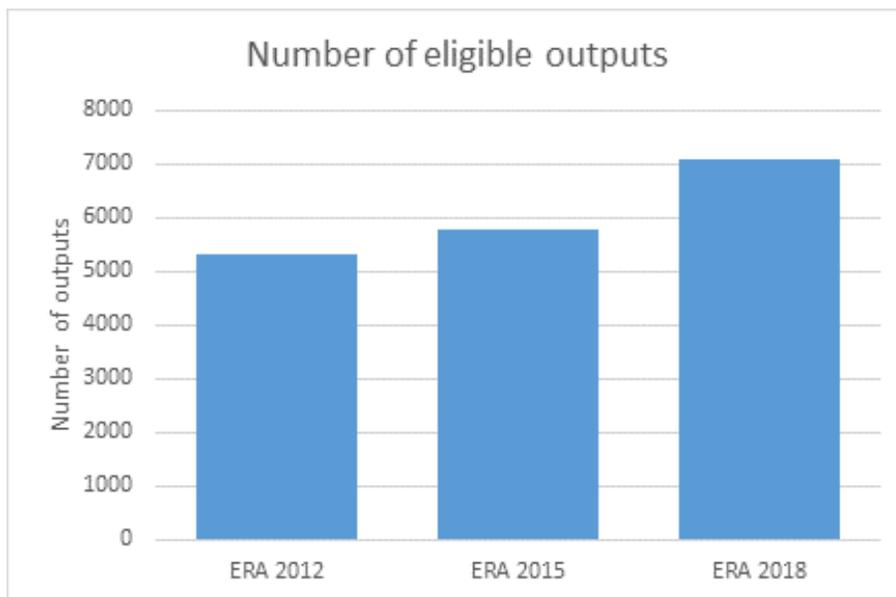
Bringing together research news from around CSU Edition 52 – April 2018

Welcome

Welcome to the April edition of the Research Office Bulletin.

ERA 2018

Our ERA 2018 preparations are almost complete, with data currently being submitted to the ARC. Compared to previous ERA rounds, CSU had achieved a steady increase in the number of research outputs to peak at 7,105 eligible outputs in ERA 2018.



The ARC will assess research quality using a range of metrics such as citation profiles common to disciplines in the natural sciences, and peer review of a sample of research outputs which is more broadly common in the humanities and social sciences. The results are expected from the ARC later in the year.

Comparing ERA 2015 to the current round, most disciplines exhibited growth with the largest percentage increase exhibited by FoR18 Law and Legal Studies. Other strong growth areas include; 09 Engineering which was driven by increases to 0908 Food Science; 08 Information and Computing Sciences; and 02 Physical Sciences will be submitted for the first time in ERA 2018.

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Thank you to all staff that have assisted in the review of data, and the writing of FoR narratives which form part of the submission.

We are now moving at full speed into preparing case studies for the Engagement and Impact submission, which opens on 19 May. We will be submitting case studies in 12 FoRs, plus case studies showcasing interdisciplinary research and impact, and another with an Aboriginal and Torres Strait Islander focus.

May I also provide a **final reminder** that all staff must now enter their 2017 research outputs into the CRO database, and any missing FoR codes for your outputs. If you need any assistance with the process of entering your research outputs please consult the [instructional pages](#) or contact your local [Faculty Liaison Librarian](#). Outputs-related enquiries can be directed to the [Research Outputs Team](#).

Best wishes

Rosemary Adams
Acting Director, Research

ARC DP19 Wrap Up

Following the annual call for funding applications to the Australian Research Council Discovery Projects program, the University's applications are detailed below:

- **CSU Led Submissions** – 8 applications proceeded to ARC submission
 - A&E = 3,
 - BJBS = 4,
 - FoS = 1)

- **Investment**

Source	\$\$
ARC Income Requested	\$2.95m
ARC Income Retained by CSU	\$2.7m
Faculty/School Cash Investment	\$478,000
DVC-RDI Cash Investment	\$361,000

CSU has also committed to collaborate with an additional 8 externally led ARC DP19 funding applications with colleagues located at Macquarie University, Deakin University, Monash University, University of New South Wales, Wollongong University, University of Tasmania and The Australian National University.

Thank you to all researchers, academic and professional staff involved in facilitating ARC DP19. . This is a collaborative process over many months to ensure quality submissions that represent the research strengths of Charles Sturt University.

You can access information in relation to Australian Research Council funding schemes [here](#). You can access information in relation to Australian Research Council funding outcomes [here](#).

Introducing the Ethics and Compliance webpage

With the creation of the Ethics and Compliance Units the CSU compliance committee webpages have moved. You can now find them within the Ethics and Compliance Unit pages - you are invited to bookmark this page:

<http://www.csu.edu.au/division/deputyvc/rdi/ethics-and-compliance>

You can easily access specific information about the following committees via these direct links:

- ❖ [Human Research Ethics](#)
- ❖ [Animal Care and Ethics](#)
- ❖ [Defence Trade Control](#)
- ❖ [Institutional Biosafety](#)
- ❖ [Radiation Safety](#)
- ❖ [Chemical Safety](#)

Over the coming months the Ethics and Compliance Unit will continue to develop these webpages and will keep you informed of our progress.

Ethics Process Information sessions for Supervisors

The Presiding Officer of the Human Research Ethics Committee will be holding two Ethics Process Information sessions **targeted at student supervisors**. The session will be held via video conference on **Wednesday 11 April 3-5pm**.

Academic Staff supervising students are invited to attend. The session will provide information on how students should apply for ethics approval and tips for Supervisors to support their student/s through the process.

Wednesday 11 April 2018 3.00pm to 5.00pm

Physical rooms are available on Bathurst Campus at VC ART BA01 1435.G7; and Wagga Campus VC ART WW01 21.102 or you can join the meeting via the following methods :

1. Join from any computer using Web Browser: (<i>Chrome is recommended</i>) https://conference.csu.edu.au/	2. Join from your CSU computer using Skype for Business: 440276@video.csu.edu.au	3. Join using your Phone: Dial 37555 and input the Conference ID as 440276 , followed by the hash (#) key. External callers Ph. 02 6933 7555
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Staff survey of Research Professional Development

Thank you to everyone who responded to our survey undertaken in late 2017 to assess the Research Office professional development programs.

Your input helps us to improve our researcher training and development program to give you what you need. We received 97 responses from researchers at all career stages—from HDR to experienced

researcher—and we are pleased to report that there was a high level of satisfaction with the Professional Development program, with 84% of respondents being satisfied or very satisfied with the sessions meeting their professional development needs.

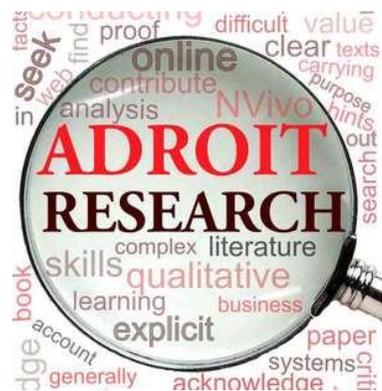
We are looking closely at the feedback and will be invigorating our program during 2018 to give researchers an even greater range of sessions and opportunities for professional development. Stay tuned for further announcements.

Here are the responses to the question, What are CSU researchers very interested in?

Researcher role	#1 interest	#2 interest	#3 interest
HDR candidate	Grant writing and development	Pitching research	Engagement and impact
Early career researcher	Engagement and impact	Grant writing and development	Pitching research
Mid-career researcher	Engagement and impact	Project and budget management	Grant writing and development
Experienced researcher	Industry engagement	Engagement and impact	

Check out more [results of the survey](#).

NVivo Workshops, by Adroit Research



Russell Dippy sent this feedback after attending the recent NVivo sessions ... “I am a newly commenced HDR Student trying to get my head around an entire course of study/research.

While I have been doing some of my reading and have already met with my supervisors, the two session with Jenine using NVivo have allowed me to better plan my literature review and data collection and shown me some of the ways that the software can assist in my learning and make my final document a much better product.

While the two sessions are not enough to become an ‘NVivo Master’ it has given me enough tools to get a good head start and shown me where to get more help. I have already booked into the library session on using EndNote and NVivo for my Literature Review as there is more that I think I can learn. All in all I would say it is a good tool to bring together the array of tasks that I am already, even in the first few months of my HDR, trying to sort out to move forward. I would strongly recommend attending.”

Adroit offers CSU a great lineup of research workshops covering everything from an introduction to qualitative research, to literature reviews and data analysis with NVivo, to how best to do interviews and focus groups. Dr. Jenine Beekhuyzen is our expert presenter from Adroit Research, and she shares a wealth of experience, tips and hints to make the most of your research. Her goal is to improve the quality and reputation of qualitative research and she has published widely.

Check the [PD calendar](#) to register for all or some of these sessions.

Professional Development

WHAT IS THE PROJECT MANAGEMENT FOR RESEARCHERS WORKSHOP?

- **Have you heard about project management but not really sure what it is?**
- **Are you involved in project planning and management and want to learn how to do it better or more efficiently?**
- **Want some ideas to consider how you can better deliver to realise your research project goals?**

Project management is becoming increasingly popular across all industries as organisations and individuals see the benefit of applying it to their projects. Project management can mean different things to different people, so come and learn what project management is all about. Do you want to learn about project management and how it can benefit you?

If you are delivering research evidence as a product, service or industry improvement initiative, then project management will help you deliver what you are doing and understand the terminology that industries are using in their planning. Whether you are an individual researcher or work as part of a larger research group or centre project management helps you to realise your project goals. Take the mayhem out of what you are doing by using project management to help you be clear on what you need to do to deliver on time and on budget. Manage like a boss. [More information.](#)

Free online course for peer reviewers

You can enjoy free access to an online course called 'Focus on Peer Review'. This course has been developed by *Nature Masterclasses* and is taught by editors from the Nature Research journals, as well as active researchers who share their experiences of peer review.

nature
MASTERCLASSES

The course is aimed at students and researchers who are new to peer review or have some peer review experience but wish to brush up their skills. It offers a comprehensive overview of peer review, including: the role of a peer reviewer, how to prepare a peer review report, the ethics of peer review, and innovations in different types of peer review.

The total course duration, including reflection time, is approximately 3 hours and if you complete 80% of the course, you'll unlock your own *Nature Masterclasses* certificate.

Start your access: To access the free course, simply register on the *Nature Masterclasses* [website](#). Once registered, you will have immediate access to the [course](#).

About *Nature Masterclasses*:

Nature Masterclasses is a training solution that offers online courses, workshops and webinars, aimed at helping scientists succeed in a research environment. It has been developed by Nature Research, the publisher of *Nature* and *Scientific American*.

Library News:

This month we are starting a series about the [Research Tab](#) on the Library homepage. This page was redesigned following feedback from researchers, HDR students and academics:

The content on the page is organised in accord with the traditional Research Cycle, with links to Library support for each element of the research cycle.

The first in our series is:

DESIGN & DISCOVER

Design & discover

- [Research consultation & training](#)
- [CSU research strategy](#)
- [Conducting the literature review](#)
- [Access information resources](#)
- [Keep up to date with the literature](#)
- [Finding theses](#)
- [Interlibrary loans](#)
- [Manage & cite references using EndNote](#)

This is the section to get you started. Here you will find information about [Conducting your literature review](#), the library guide we looked at last time. You will also find a link to [access all the information sources](#) you will need, including PRIMO, Databases and other helpful sources.

There is also information on [finding and accessing theses](#); including how to search for both CSU and other University items. You will also find a link to the Library's bibliographic management software, [EndNote](#).

Of course you will also find information about different types of [Research consultation and training services](#) offered by your friendly Library

Faculty Liaison team as well. These can include online sessions offered through the Research Office PD Calendar, and are detailed below, as well as other self-help tutorials and training options.

Upcoming training for April:

Date	Time	Session Details & Registration
10th Apr 2018	9.30-10.30am	Literature Review Using EndNote & NVivo – An Introduction
11th Apr 2018	9.30-10.30am	Using Citation Databases (including Scopus, Web of Science and Google Scholar)
18th Apr 2018	9.30-10.30am	Measuring and Evaluating Research Impact
24th Apr 2018	9.30-10.30am	Exploring Library Resources: Using ProQuest Effectively
30th Apr 2018	9.30-11.00am	EndNote for Mac

HDR students and Research Data Management Plans

CSU [Research Data Management Guidelines](#) state that:

“...Good practice in Research Data Management (RDM) is a crucial part of maximising research investment and leveraging your research efforts. RDM includes but is not limited to data retention, accessibility, storage, and security. By adopting good RDM practices you ensure:

- Security of your research data
- Greater ease in data sharing and thus increasing outputs/use of data/research impact
- Less risk in loss of key information following staff changes
- Compliance with research funding bodies regulations...”

[CSU Research Data Management \(RDM\) Policy](#)

Submitting a plan

[Access the online Form](#)

- This initial Data Management Plan may need to be updated as your research progresses.
- ELMO training is available at: [ELMO RDM training](#)
- HDR students will need to submit the plan to your Supervisor as part of the Research Proposal.

Approval and peer review process

- For HDR students, your supervisor needs to sign the form. The plan will be emailed to you, forward it to your supervisor. The supervisor can sign using the 'signing' feature on the PDF.
- Help is available at any stage of research. Ask your experienced colleagues, your supervisor, or contact researchsupport@csu.edu.au

Academic Literacy workshops for those studying in English as an additional language

In April and May we will offer four workshops on speaking, writing, emailing and proofreading in academic contexts. These workshops are designed specifically for people whose first language is not English, but all are welcome. Joyce Voerman, acting Academic Literacy Coordinator, will present the workshops. Joyce's background is in TESOL, linguistics and language education. The workshops will include practical exercises, resources and strategies to apply in a range of contexts.

The workshops are on Fridays from 2-3.30 pm on the following dates:

20 April – Academic Speaking
4 May – Academic Writing Style
11 May – Email writing
18 May – Proofreading and Grammar

To register go to the [Professional Development calendar](#) and click on the relevant event. For further information contact: jvoerman@csu.edu.au

3MT

All HDR students should have recently received an invitation to participate in [The Asia-Pacific Three Minute Thesis \(3MT\) competition](#).



3MT is an academic competition that challenges doctoral students to describe their research within three minutes to a general audience with only one PowerPoint slide.

You can register your interest by completing a CSU 3MT registration form via [SurveyMonkey](#).
Expressions of interest close 20 April 2018.

CSU heats will be held in early June across various campuses and online. The specific number of heats and locations will depend on the number of participants.

The CSU final will be held in Wagga on Wednesday 27 June (the afternoon before our HDR & Honours symposium). We encourage all staff and students to come early to either participate or support our finalists.

The winning candidate will go on to compete in the 3MT final in Brisbane on Thursday 27 September, 2018.

Last year we heard special guests Vice-Chancellor Professor Andrew Vann and Deputy Vice-Chancellors Professor Mary Kelly and Professor Ken Dillon present their own three minute doctoral thesis. We can't wait to see what entertainment is in store for us this year. We hear it's good ;)

If you have any questions about participating please email [CSU's 3MT organisers](#).

Winning the 3MT – workshops

Are you thinking about entering the Three Minute Thesis (3MT) competition? We'll be offering two online workshops to support you in developing and presenting your speech before the CSU heats in June. In the first we'll discuss competition rules and explore what makes a successful 3MT presentation. In the second, we'll provide an opportunity to practice and get further tips for engaging your audience and communicating your message clearly and concisely.

Join us online on Monday, 14 May and Monday, 28 May from 3.00-4.30pm.

Monday, 14 May, 3-4.30pm (1.5hrs)	Winning the 3MT - Part 1	<i>You have three minutes to tell someone about your thesis! Are you prepared for 3MT? Explore ways to engage your audience and tell them about your research concisely and effectively.</i>	Register
Monday, 28 May, 3-4.30pm (1.5hrs)	Winning the 3MT - Part 2	<i>Are you ready for the 3MT? Use this opportunity to practice your speech or discuss your ideas. Get feedback and suggestions for making a dynamic and engaging speech.</i>	Register

For further information and registration details see the [professional development calendar](#). If you have any questions, please contact Joyce Voerman: jvoerman@csu.edu.au

What Research Support can SPAN provide?

SPAN's primary role is to support research across all faculties and schools of the university with:

- Geographic Information Systems (GIS) – mapping and data visualisation
- Remote Sensing – multi and hyperspectral, LiDAR and thermal image analysis
- Spatial Statistics
- Survey planning and questionnaire design and implementation



SPAN acts as a digital data repository and supplier, providing access to, and the processing and interpretation of, large digital data sets, such as:

- Census, CURF Microdata and other ABS statistical data
- Topographic and Elevation data
- Climate, Weather and Environmental Data
- Health and Education data
- Satellite Imagery, Aerial Photography and Airborne Video Imagery
- LiDAR and hyperspectral data
- GIS and a range of other spatial data

SPAN can help you:

- Establish methodology for research projects
- Find data you need for your research
- Analyse your data for patterns (spatial and aspatial)
- Visualise and present data and research results effectively
- Access and use GIS software
- Access and use Remote Sensing / Image processing software
- Access and use R statistical software
- Access and use MatLab simulation and modelling software
- Access 'Ada' high performance computer
- Formulate survey methodologies, design questionnaires and implement on line surveys
- Loan hardware and software resources for researcher use

SPAN also prints conference posters up to 1m wide and metres long (continuous roll) on cotton or silk fabrics (ideal for overseas travel) or Tyvek at very competitive rates.

HOW MUCH DOES ALL THIS SUPPORT COST?

THE BEST NEWS! – IT COSTS YOU \$0

How to enquire about SPAN assistance for your research -

Phone Gail Fuller on 69332004 (internal 32004) or email gfuller@csu.edu.au to discuss your project and your requirements.

Gail is also available to speak at school seminars or Brown Bag lunches.

How to borrow equipment or software –

Use the website booking form from the SPAN [website](#). Go to the Accessing Resources page and select software or hardware as required or phone SPAN on 32165.

Quality in Postgraduate Research

The 13th Quality in Postgraduate Research conference will be held at the National Wine Centre, Adelaide, South Australia between the 17 and 19 April 2018.

Held every two years in Adelaide, South Australia, QPR brings together educational researchers, policy makers, university leaders, research students, and research degree supervisors for the purpose of better understanding the processes, practices, pedagogies, and theoretical frameworks of doctoral education.

Globally, doctoral education continues to develop rapidly in terms of size, form, diversity, and ascribed purposes. Alongside these developments, debates continue over its future, forms of delivery, and the nature of the learning and innovation that it facilitates and engenders. These debates involve diverse actors, from individual research students to international bodies such as the OECD and the World Bank.

[The 2018 program is now available.](#) [Download timetable here.](#)

ARMS 18 Conference

Research Futures is in Hobart from the 18th to the 21st September. The conference is suitable for Research Managers, Administrators, and Researchers, particularly early career researchers.

The call for abstracts and registrations is now open. [More information.](#)

New Colombo Plan

The Federal Government's New Colombo Plan is now open for applications and will close Friday 4th May 2017 (CSU Closing Date).

Faculties, Schools and Staff are invited to submit applications for funding that will assist the costs for a student international program in the Asia Pacific Region. The funding provided under the NCP suite of grants is significant and CSU has been very successful in previous rounds. CSU Global relies on the submission of projects from Schools and Faculty for funding nomination. It would be great to hear from staff that are considering new projects that can be added to the undergraduate international activities.

Key areas of NCP Funding:

- Provided for Undergraduate Australian students to undertake an international program that will count towards the awarding of their degree.
- The experience can be a short term study experience, placement, internship, short course, conference attendance combined with study tour etc.
- Funding ranges between \$1 000 - \$3 000 per student on a program. Typically in packages of 10 students.
- Funding is targeted towards assisting universities develop relationships in the Asia Pacific region that may extend into other areas of academic activity
- Programs can run over 3 years to develop a relationship with a partner or institution

International short term programs are a great way to increase the international competencies of CSU students. The benefits extend beyond just gaining cultural understanding to other areas of graduate attributes. Staff are encouraged to read through the [program guidelines](#) to familiarise themselves with the requirements linked to the funding.

These programs are a great way for schools to develop their international presence or initiate activity that has flow on effects into other areas of the academic activity. Staff must register their interest with CSU Global (stelfser@csu.edu.au) to obtain log in details for the online application form. Please contact Shevahn Telfser (stelfser@csu.edu.au;63384630) for further information, to schedule a school information session or to discuss the development of a program that may be eligible for funding.

Summary of what's on the Professional Development Calendar so far:

10th Apr 2018	<u>My Research Career, Module 3 – Building a track record, web presence</u>
10th Apr 2018	<u>Literature Review Using EndNote & NVivo – An Introduction</u>
11th Apr 2018	<u>Using Citation Databases (including Scopus, Web of Science and Google Scholar)</u>
12th Apr 2018	<u>Supervisor Series - Module 2 – PT and DE students</u>
17th Apr 2018	<u>NVivo, Advanced</u>
18th Apr 2018	<u>Measuring and Evaluating Research Impact</u>
18th Apr 2018	<u>HDR Candidate Induction</u>
19th Apr 2018	<u>My Research Career, Module 4 – The publication process</u>
24th Apr 2018	<u>Exploring Library Resources: Using ProQuest Effectively</u>
26th Apr 2018	<u>Qualitative Research, An Introduction</u>
30th Apr 2018	<u>EndNote for Mac</u>
1st May 2018	<u>Introduction to Research Application and Administration</u>
2nd May 2018	<u>Conducting Interviews - Logic and Logistics</u>
3rd May 2018	<u>Managing Research Funds and Budgets at CSU</u>
8th May 2018	<u>Establishing a Research Profile</u>
9th May 2018	<u>EndNote for Windows</u>
10th May 2018	<u>Working with the Media in Research</u>

15th May 2018	<u>NVivo, Session One</u>
15th May 2018	<u>Endnote Online + iPad</u>
16th May 2018	<u>My Research Career, Module 5 – Funding, Grant writing</u>
17th May 2018	<u>NVivo, Session Two</u>
17th May 2018	<u>Finding & Using Theses & Dissertations</u>
22nd May 2018	<u>Making the Most of Focus Group Interviews</u>
23rd May 2018	<u>Staying up to Date with Research Alerts</u>
24th May 2018	<u>Data Visualisation</u>
29th May 2018	<u>Presenting Research Metrics for Grants and Promotion</u>
30th May 2018	<u>Understanding Ethics when including animals in research</u>
30th May 2018	<u>Finding Research Funding Opportunities including Research Professional</u>

CONTACT

We welcome contributions, feedback and suggestions for the Bulletin:

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