

RESEARCH OFFICE BULLETIN

Bringing together research news from around CSU

Edition 58 – October, 2018

Welcome

Another month gone already! Welcome to the October edition of the Research Office Bulletin.

With some sadness we said farewell to Mary Kelly in September. In always looking for a silver lining though, it gives me great pleasure to welcome Heather Cavanagh into the DVC-RDI role and Michael Friend as PVC. I am sure I speak for all of the Research Office staff in saying we are looking forward to working with them both!

In September we attended the annual Australasian Research Managers Association in Hobart. Along with myself, Deborah Munns (Faculty Liaison Officer Faculty of Science) represented the Research Office and I was delighted to see Maree Crowley (Graham Centre) in attendance as well. It was a packed program over the four days with sessions on funding, HDR matters, reporting and analytics and lots of discussion on impact (what that looks like and how the information is captured, reported and measured).

Many of the discussions I had with people and some of the talks I heard, were about the changing focus on outputs to outcomes and how we incorporate some measure of quality.

It was interesting to see the diverse responses across the sector to the recent EI exercise; and it should be re-assuring to many that in the scheme of things, CSU was quite proactive.

The Research Office is now gearing up to support applications to ARC and NHMRC in their main funding rounds. You will find details on the upcoming information sessions in this issue. For any questions, please ask.

Warm Regards
Jason White

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TIP - If you want to open a link in a new tab do a 'ctrl-click' on the link rather than just click. This will save you from losing your place as you read through the Bulletin.

ARC and NHMRC Information sessions

ARC information session for applicants intending on submitting in the 2019-2020 funding rounds

Researchers intending on submitting an application to the Australian Research Council for funding commencing in 2019/2020 are invited to attend an information session to receive:

- Updates on ARC funding rounds
- the CSU Intent to Submit process and support available for application preparation and review
- Key Tips for Applicants from the CSU ARC College of Expert member
- Q&A

Presenters – Annette Harris and Rodney Hill

Tuesday 9th October 2018 – 12noon – 1pm

Register - https://connect.csu.edu.au/arc1-2018/event/event_info.html

Monday 15th October 2018 – 11-12 noon

Register - https://connect.csu.edu.au/arc2-2018/event/event_info.html

NHMRC information session for applicants intending on submitting in the 2019-2020 funding rounds

Researchers intending on submitting an application to the National Health and Medical Research Council for funding commencing in 2019/2020 are invited to attend an information session to receive:

- Updates on new NHMRC funding program
- the CSU Intent to Submit process and support available for application preparation and review
- Key Tips for Applicants from NHMRC Assessor
- Key Take-Aways – ECR and RO Observations from the 2018 Assessment Panels
- Q&A

Presenters – Jason White and Nidish Francis

Wednesday 10th October 2018 – 1pm-2pm

Register - https://connect.csu.edu.au/nhmrc1-2018/event/event_info.html

Wednesday 17th October 2018 – 3.30pm – 4.30 pm

Register - https://connect.csu.edu.au/nhmrc2-2018/event/event_info.html

Higher Degree By Research Scholarships Round

Applications are open for the following Higher Degree by Research Scholarships for commencement in 2019.

- [Australian Government Research Training Program Full-Time Scholarship](#)
- [Australian Government Research Training Program Part-Time Scholarship](#)
- [Australian Government Research Training Program Scholarship Indigenous](#)
- [Australian Government Research Training Program Scholarship Graham Centre](#)
- [Australian Government Research Training Program Scholarship ILWS](#)
- [Australian Government Research Training Program Scholarship NWGIC](#)
- [Australian Government Research Training Program Scholarship PACT](#)
- [Trophic Ecology of Freshwater Fishes](#)
- [Mitigating Fish Losses into Irrigation Systems](#)
- [Innovative Wine Production](#)
- [Dung Beetle Research](#)

Application Closing Dates:

Domestic applications for the 2019 Scholarship round will close at **5:00pm (AEDST) Wednesday 31 October 2018**.

Please see further details and application information on the [Scholarships](#) page.

Introducing Laurie Milner

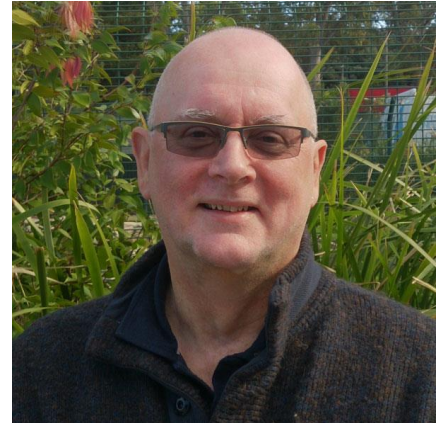
I have recently accepted the newly created and multifaceted role as Animal Welfare Officer. My primary responsibilities include ensuring that any animal use is compliant with legislation and that stakeholders have quality advice and guidance to enable the best possible animal welfare.

My professional background is as a veterinarian in general and emergency practice, human medical research, compliance and policy, and adult education. The role of Animal Welfare Officer will facilitate the process of ensuring best practice animal welfare in the context of research and teaching. The AWO should be seen as a source of advice and information for the Animal Care and Ethics Committee, researchers, teachers and University staff in general, particularly with regard to the care and use of animals for scientific purposes.

Existing policies and procedures are currently under review and the development of new resources, including educational programs, will begin shortly.

One of the most important elements of the scientific use of animals is the practice of the 3Rs- Replacement, Reduction and Refinement. These principles are incorporated into the foundation document in this context, *the Australian Code for the care and use of animals for scientific purposes*. An important and useful new video resource regarding the 3Rs can be found [here](#).

I look forward to assisting researchers and teachers achieve the best possible animal welfare outcomes in their many, varied endeavours.



5 minute Research Pitch – Registrations are still open!



CSU is entering the 5RP competition for the third consecutive year. Researchers deliver a **FIVE** minute presentation of their current or recently completed research with the aid of **THREE** PowerPoint slides. This is a great opportunity for early and mid-career researchers to showcase their research to a national audience and win funding to further their research in the future.

Registrations are closing on the 8th October!

The competition is open to Level A, B, and C academics, provided they have an employment contract (continuing or fixed-term) current at the time of the national finals (19 November in Brisbane). CSU heat winners will receive \$1000 for their research account.

The competition is designed to showcase recent research projects. Research presented must be current, meaning either in the process of being completed or published in 2017 or 2018, and will be judged against the six criteria detailed in part six of the guidelines.

CSU internal institutional finals are scheduled for the week of **15 October 2018**.

Group One: **Sciences and Health** – (Biological Sciences & Biotechnology; Health & Medical Sciences; Engineering, Mathematics & Informatics; and Physics, Chemistry & Earth Sciences) **16 October 2019, 2pm–4pm**

Group Two: **Arts, Humanities & Social Sciences** – (Humanities & Creative Arts; Education, Social & Behavioural Sciences; Law; & Business, Commerce & Economics) **18 October 2018, 2pm–4pm**

To watch the presentations, please make your way to the VC room most convenient to you:

GROUP 1 - Sciences and Health	
Tuesday, 16 October 2018 - 2 pm	
CAMPUS	VC ROOM
Albury	VC BUS AW02 764.204
Bathurst	VC BUS BA01 1411.431
Canberra	VC ADM CA01 860.104
Dubbo	VC ADM DU01 901.153
Manly	VC ADM MA01 3004.105
Orange	VC LIB OA01 1001.153
Port Macquarie	VC ADM PT01 801.2008
Wagga Wagga	VC BUS WW01 1.120

Group 2 - Arts & Education	
Thursday, 18 October 2018 - 2 pm	
CAMPUS	VC ROOM
Albury	VC BUS AW02 764.204
Bathurst	VC BUS BA01 1411.431
Canberra	VC ADM CA01 860.104
Dubbo	VC ADM01 905.102
Manly	VC ADM MA01 3004.105
Orange	VC LIB OA01 1005.220
Port Macquarie	VC ADM PT01 801.2008
Wagga Wagga	VC BUS WW01 1.120

More information, including guidelines, is available from your Faculty Research Liaison Officer:

FOAE – Lisa McLean – lmclean@csu.edu.au
 FOBJS – Kerry Madden – kmadden@csu.edu.au
 FOS – Deborah Munns – dmunns@csu.edu.au

Outstanding Research Recognised in a National Forum



Australia’s Research Field Leaders
Health & Medical Sciences
Field: Audiology, Speech & Language Pathology
Field leader: Sharynne McLeod, Charles Sturt
Leading institution: Charles Sturt

“Australia’s top researchers and research institutions are revealed in unprecedented detail in a new edition of *The Australian’s Research magazine*.

The research leaders’ list, based on big data analysis of up-to-date publicly available information, shows Group of Eight universities are dominant in the more than 250 individual fields of research that are examined...

The data crunching to produce this detailed picture of Australian research, using information in Google Scholar, was carried out by talent discovery and research analytics firm League of Scholars, a pioneer in using big data to produce research metrics. The methodologies used are described in the Research magazine.” <https://specialreports.theaustralian.com.au/1163512/>

Health & Medical Sciences “This is an area of strength for universities in Australia, where many institutions – including many outside of the research-intensive ones – do well. Universities such as **Charles Sturt (in audiology, speech and language pathology)**, La Trobe (in child and adolescent psychology), Griffith (in nursing as well as pregnancy and childbirth) are field leaders...”

“How did you choose leading researchers and research institutions in each field?”

There we took a different approach, while staying with our principle of measuring both quality and quantity. For selecting researchers, we chose authors who had the most papers published in the top 20 journals in their field. (The top 20 journals are determined by their trailing five-year impact factor as measured by Google Scholar.) This recognises both their career output and, since it is limited to the top publication venues, the quality of their work as recognised by their peers worldwide. For institutions, we selected those with most impact, that is citations, from papers in the top 20 journals in each field in the past year.”

CSU was also mentioned in the following fields:

<p>Humanities, Arts & Literature Australia’s Research Field Leaders Field African Studies & History Field leader Ceri Shipton, ANU Leading institution Charles Sturt</p>	<p>Life Sciences & Earth Sciences Australia’s Research Field Leaders Field Birds Field leader Richard E Major, Aust Museum Leading institution Charles Sturt</p>
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Our Team



Pictured: Dr Audrey Wang, Dr Michelle Brown, Dr Van Tran, Anna Cronin, Visiting Prof Rebecca McCauley, Dr Suzanne Hopf (online), Prof Sharynne McLeod, Helen Blake, Nicole McGil

[More details](#). We also won another [exciting award](#) recently too. Details of [our team](#).

Research Writers – Bootcamp

Natalie Thomson and Judy Redman will be hosting the next 1-day Bootcamp for research writers, on Friday the 19th of October.

The bootcamp is online in Adobe Connect, and face to face on Albury-Wodonga campus (in VC EDU AWO2 763.146 - the Barbara Sparrow room, upstairs in the walkway between the Education and Business buildings.) Nat will be hosting the F2F day and Judy will be hosting online. Doctoral candidates, research staff, and anyone else who would like to take part are warmly welcome.

You can expect to achieve noticeably MORE than you would ordinarily, and it's a good way to protect your time for research writing (or editing, planning, data analysis, etc.)

If you would like a calendar invitation, with the schedule for the day and the link to join - or if you have any questions, you can email Judy at jredman@csu.edu.au

Note that bootcamps are opportunities to work on your own research tasks in a structured environment and in the company of others. They are not how-to-write training. If you are interested in learning more about various aspects of HDR writing, visit the Workshops section of this site (https://interact2.csu.edu.au/webapps/blackboard/content/listContentEditable.jsp?content_id=_1912147_1&course_id=_3064_1) where you will find recordings of Adobe Connect sessions and copies of handouts etc from these sessions.

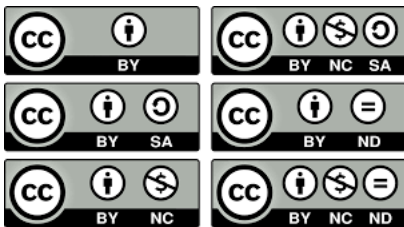
Library Lowdown:



In celebration of Open Access Week our article is looking at Open Access publishing.

Open Access publishing

Open Access (OA) developed as a result of advances in technology and the desire to make research more accessible without the high costs and meeting requirement of funding bodies such as the ARC & NHMRC.



Balanced against the growth in the numbers of publications and papers has also seen the rise of fraudulent or predatory journals and publishers, so it is important to evaluate resources before publishing in them.

<https://creativecommons.org.au/learn/licences/>

Why publish through OA rather than traditional publishing?

The most often cited advantages include discoverability. Making your research easier for the end user to find, without the paywall found through traditional publishing. Some funders, including ARC and NHMRC, make it a condition of funding that information is published through Open Access to ensure transparency and promote further research.

Costs of Publishing through Open Access

There are still costs associated with publishing, in the case of Open Access journals these can be recovered by the use of article processing charges (APCs) and these can vary.

The other method of delivering OA articles is by use of archives or repositories, including CSU Research Outputs (CRO).

Want to know more?

Read: [A very brief introduction to Open Access](#) by Peter Suber, Open Access week website.

Library Resource Guides:

- [Open Access](#)
- [Where to Publish](#)

Check the library's [Consultation & Training](#) page for the links to register for a session on "Understanding Open Access".

Sessions will be run:

- Monday 22nd October, 9.30-10.30 am
- Wednesday 24th October, 1.30-2.30pm

Vitae

The Vitae Conference is the only dedicated event that brings together all those with a strategic and practical role in developing researchers. 2018's event saw over 400 participants, the largest number yet, from the UK and internationally, including pro-vice-chancellors, heads of faculty, heads of graduate schools, HR directors, careers advisors, staff developers and trainers.



Presentations and Posters from Vitae Researcher Development International Conference 2018:

[Presentations from Workshops](#)

[Presentations from Special interest sessions](#)

[Presentations from Plenary sessions](#)

[Posters from the conference](#)

QCU



What Research Support can QCU provide?

QCU provides statistical support to research students and staff across the University. QCU's core statistics support services include:

- Free general consultancy on statistical theory and application related to a research problem;
- Tutorials/training for learning and using analysis software such as R, SPSS, G*Power3.1, @Risk and Netica;
- Advice on, support to, and completion of statistical data analysis needed from a research project (e.g., for HDR students' studies, manuscripts for submission to a professional journal, proposal for grant application, etc.);
- Workshops for enhancing researchers' statistical data analysis skills – currently we are offering a **half-day R Introduction workshop** and a **one-day G-Power workshop**.
- Our next **monthly cRow meeting** will be held on **Friday October 19 2018** in the Graham Centre from 10 am – 12 pm. Please contact Coral via cmoffat@csu.edu.au if you would like to join us or know more.
- Our next **mid-month R tutorial online Q & A session** will be held on **Tuesday October 16 2018** from 2-5pm. Please advise John via email (gxie@csu.edu.au) before the session if you

would like to join in. You can participate in the session via the Adobe Connect link https://connect.csu.edu.au/r_qandasession/ this will be the Adobe Connect meeting link for every Q & A session.

Bayesian Network workshop

Bayesian Network (BN) is an intuitive, graphical representation of a joint probability distribution of a set of random variables with a possible mutual causal relationship. BN is a machine-learning data analysis technique and BN modelling approach complements the traditional statistical data analysis approach in overcoming the curse of dimensionality and naturally capturing the independence and dependence relationships among model variables. Netica is the most widely used BN software in the world.

If you can use Microsoft Word and Excel confidently in your work, you will be able to learn Bayesian Networks using Netica. It is the conditional probability and hierarchical structure matter in modelling a complex real life problem and BN is one of the most suitable and powerful tools to do it.

A 3-day workshop (Wagga campus) on learning and application of Bayesian Network models (Bayes net and decision net models, and Dynamic Bayesian Network models): the workshop is designed/ developed for maximizing the hands-on experiences in learning BNs from examples and keep the theoretical preliminary requirements / theoretical exposition to the minimum. The goal is to establish participants' ability to build BN models for solving the problems from their research or professional activities.

This is a fee-based workshop. For the workshop that is run on Wagga campus, Cost: \$300 (including GST) per person for CSU student and staff, or DPI staff; \$1,200 (including GST) per person for other participants (including morning tea, light lunch, and afternoon tea each day). For logistics reasons, the workshop run on other campuses will be slightly modified to a 2.5-day workshop. Cost: \$200 (including GST) per person for CSU student and staff, or DPI staff; \$800 (including GST) per person for other participants (morning tea, light lunch, and afternoon tea will be provided for the first two days; morning tea only for the third day).

For a full description of and how you can get access to our services please log onto QCU's webpage <http://www.csu.edu.au/qcu>.

Research Impact Summit



The 2018 Research Impact Summit features over 20 speaker sessions led by knowledge translation and research impact experts, researchers, proven practitioners and industry influencers.

The Summit consists of content across the themes of:

Knowledge Translation, Implementation Science, Collaboration & Engagement, Dissemination, and Research Impact.

The summit is for researchers, research support and administrators, research funders and anyone wanting to learn more about research impact.

This summit will transform the way you plan for and deliver on your impact endeavours – whether you are new to research impact or have years of experience.

Free online event
19th & 20th November 2018

[More information](#)

Professional Development Calendar updates:

Date	Session Details & Registration
3rd Oct	<p><u>Establishing a Research Profile</u> Need to set up a Research Profile and not sure what is out there or how to go about it? This session will show you the different profiles available, and their features and how to establish and maintain your profile.</p>
4th Oct	<p><u>Working with the Media in Research</u> This is an interactive and will help you understand how you can strategically and successfully work with the media in a research context, engage with the media in order to have a greater impact and get your research out into the boarder community. It will provide information about: what makes a good news story, working effectively with journalists, as well as tips on giving TV and radio interviews.</p>
8th Oct	<p><u>Measuring and Evaluating Research Impact</u> This session will show you the tools to assess the impact of your research and help identify where to publish to maximise your research impact.</p>
9th Oct	<p><u>ARC information session for applicants intending on submitting in the 2019-2020 funding rounds (1)</u> Researchers intending on submitting an application to the Australian Research Council for funding commencing in 2019/2020 are invited to attend an information session to receive: *Updates on ARC funding rounds *the CSU Intent to Submit process and support available for application preparation and review * Key Tips for Applicants from the CSU ARC College of Expert member *Q&A</p>
10th Oct	<p><u>My Research Career, Module 4 – The publication process</u> The aim of this module is to: * Discuss strategies for improving publication success, *</p>

Date	Session Details & Registration
	Discuss how to navigate the publication process, * Learn how to deal with peer review and referee comments. This module will not cover how to write a paper.
10th Oct	<p><u>NHMRC information session for applicants intending on submitting in the 2019-2020 funding rounds (1)</u></p> <p>Researchers intending on submitting an application to the National Health and Medical Research Council for funding commencing in 2019/2020 are invited to attend an information session to receive: *Updates on new NHMRC funding program *the CSU Intent to Submit process and support available for application preparation and review *Key Tips for Applicants from NHMRC Assessor *Key Take-Away's – ECR and RO Observations from the 2018 Assessment Panels *Q&A</p>
11th Oct	<p><u>Supervisor Training - Module 5 – Guiding students through thesis development and the examination process</u></p> <p>Guiding students through thesis development and the examination process. The objective of this workshop is to discuss the volume and quality of work required for a thesis, different approaches to thesis preparation, how to select examiners and how they may approach the examination process, and how to help student's respond to the examiners reports.</p>
15th Oct	<p><u>ARC information session for applicants intending on submitting in the 2019-2020 funding rounds (2)</u></p> <p>Researchers intending on submitting an application to the Australian Research Council for funding commencing in 2019/2020 are invited to attend an information session to receive: *Updates on ARC funding rounds *the CSU Intent to Submit process and support available for application preparation and review * Key Tips for Applicants from the CSU ARC College of Expert member *Q&A</p>
16th Oct	<p><u>Planning Surveys and Designing Questionnaires: Part 1</u></p> <p>This three part integrated workshop is designed to introduce you to the processes and steps involved in planning a survey and creating a questionnaire that effectively gathers the data you need to satisfy your research questions. It will cover populations, ways to contact the population you want to survey, how to calculate an appropriate sample size, how to structure your questionnaire and what question types to use. Day 1: Aims of the workshop; Terms and definitions; Planning a survey; Populations, sample sizes and frames; Modes of data collection.</p>

Date	Session Details & Registration
17th Oct	<p><u>HDR Candidate Induction</u></p> <p>This session is a welcome and Induction for new HDR Candidates and forms part of probationary requirements. This session has a variety of presenters from the Research Office and Library who share essential information about getting started - what essentials you need to know, the support services available to you, how the Library can help you, your key relationships, working well with your supervisor team, setting expectations, your responsibilities, professional development opportunities available to you and more.</p>
17th Oct	<p><u>Planning Surveys and Designing Questionnaires: Part 2</u></p> <p>This three part integrated workshop is designed to introduce you to the processes and steps involved in planning a survey and creating a questionnaire that effectively gathers the data you need to satisfy your research questions. It will cover populations, ways to contact the population you want to survey, how to calculate an appropriate sample size, how to structure your questionnaire and what question types to use. Day 2: Different types of questions; and questionnaire design.</p>
17th Oct	<p><u>NHMRC information session for applicants intending on submitting in the 2019-2020 funding rounds (2)</u></p> <p>Researchers intending on submitting an application to the National Health and Medical Research Council for funding commencing in 2019/2020 are invited to attend an information session to receive: *Updates on new NHMRC funding program *the CSU Intent to Submit process and support available for application preparation and review *Key Tips for Applicants from NHMRC Assessor *Key Take-Away's – ECR and RO Observations from the 2018 Assessment Panels *Q&A</p>
18th Oct	<p><u>Research Administration 4 - Managing My Research Project</u></p> <p>Do you have a funded research project? This session is all about enabling you to better understand the processes and people within CSU who can support you in managing your research project. The sessions includes understanding your contractual obligations, how to access your budget and fund codes, and key tips to enable you to connect with systems and support people to manage project expenditure.</p>
18th Oct	<p><u>Planning Surveys and Designing Questionnaires: Part 3</u></p> <p>This three part integrated workshop is designed to introduce you to the processes and steps involved in planning a survey and creating a questionnaire that effectively gathers the data you need to satisfy your research questions. It will cover populations, ways to contact the population you want to survey, how to calculate an appropriate sample size,</p>

Date	Session Details & Registration
	how to structure your questionnaire and what question types to use. Day 3: Survey testing; Online surveys; SPAN and using SurveyMonkey.
31st Oct	<p><u>Ethics in Research involving Animals</u></p> <p>To achieve high standards of animal welfare and scientific outcomes, it is essential that all persons involved in the care and use of animals have the necessary skills and knowledge. If your research project requires research ethics approval you are strongly encouraged to attend this workshop. It includes: Research integrity and the responsible conduct of research; Ethical issues that may arise in your research; Key questions you need to consider; Tools to analyse and address issues; Who needs to and how to apply for approval from a Research Ethics Committee; the Codes which apply to your research and your ethics application.</p>
1st Nov	<p><u>Accessing ABS Data and other important Datasets</u></p> <p>Gain practical knowledge regarding how to access ABS data and data from other important data sets and how these can be relevant to your research. Also learn more about the CSU support services available to you in this endeavour.</p>
14th Nov	<p><u>Introduction to GIS & Spatial Analysis</u></p> <p>Gain practical knowledge regarding GIS and Spatial Analysis and how these tools might be used in your research. Geographic Information Systems are computer based mapping and database systems that allow you to integrate and analyse spatial data (information about locations). The geographical data can include tables of information and images or vector representations of real-world entities. You can query tables and layers and perform analysis between and within all these forms of data. GIS therefore gives you the tools to make visual and analytical inferences that would be nearly impossible to interpret from plain tables.</p>
15th Nov	<p><u>My Research Career, Module 5 – Funding, Grant writing</u></p> <p>The aim of this module is to develop better skills at grant writing and discuss approaches to writing grant applications. It will cover topics such as: Things to consider before applying to a grant scheme; Different types of grant income; Developing a funding strategy; Key components of a grant application.</p>

Date	Session Details & Registration
4th Dec	<p><u>My Research Career, Module 6 – Working with collaborators</u></p> <p>This module is split into 3 sub-sections all related to working with other researchers. Sub-section 1: Mentors. Sub-section 2: Collaborators and networking. Sub-section 3: Managing research staff. This module aims to: Discuss the role of mentors in developing your research career; Examine how to build and navigate successful collaborations and networks; Discuss strategies for how to secure, lead and manage research staff.</p>
6th Dec	<p><u>HDR Candidate Induction</u></p> <p>This session is a welcome and Induction for new HDR Candidates and forms part of probationary requirements. This session has a variety of presenters from the Research Office and Library who share essential information about getting started - what essentials you need to know, support services available, how the Library can help you, your key relationships, your supervisor team, setting expectations, your responsibilities, professional development opportunities and more.</p>

CONTACT

We welcome contributions, feedback and suggestions for the Bulletin:

RESEARCH OFFICE

Ph: (02) 6933 2578

Email: researchpd@csu.edu.au

<http://www.csu.edu.au/research>