Welcome back for 2019!

We welcome Rob Doubleday back from 6 months relaxation (aka Long Service Leave) and Jennifer Podesta who has started with the HDR team in the New Year as Project Officer. She is coordinating activities around the implementation of the recommendations from an external review of HDR programs at CSU. This is a considerable piece of work and we hope that many of you will have the opportunity to provide your input.

Over the next couple of months a lot of time and effort will go into grant applications, especially ARC Discovery Projects. For this ARC DP round we have organised professional editing (and a little bit of review) for those who are interested. I would also like to take this opportunity to remind all that the Quantitative Consulting Unit are able to provide advice on experimental design to make sure all your experiments are appropriately powered!

The Professional Development team has been working hard to pre-populate much of the PD calendar for 2019 to help plan ahead. Keep your eye out for a number of new opportunities that will come up during the year.

As always have a good one and don’t hesitate to ask!

Warm Regards,
Jason White

HDR Induction – first session for 2019

The first HDR Candidate Induction session is happening on the 28th February. These sessions are highly recommended for new candidates who have recently commenced. They provide essential and very helpful information about getting started as well as forming part of probationary conditions.

Following the HDR Induction, Meet the Helpers is on the 4th March. This session introduces you to the Research Support Services available at CSU. Come along and hear from each area as they explain what they do and how they can help you.
HDR scholarships commencing in 2019

Following the scholarship round held last year, nearly 70 applicants have accepted Higher Degree by Research scholarships that will commence in 2019. Congratulations to all these recipients and we wish them and their supervisors the best with their research.

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**Videos to support your research students**

CSU has acquired a series of videos made for universities to support and develop the skills of doctoral students and their supervisors. The videos offer explanations and sound advice on many aspects of doctoral study. Produced by Angel Productions in partnership with The Open University and Birkbeck, University of London, and with advice from Professor John Wakeford, Director of the Missenden Centre for the Development of Higher Education.

You can search for the titles on Primo or download the videos from DOMS ([www.doms.csu.edu.au](http://www.doms.csu.edu.au)).
The Good Supervision Video
The quality of your relationship with your supervisor or supervisors can be crucial to the progress of your PhD. Should you think of your supervisor as your teacher, your friend, an authority figure or a resource for your use? And what should you do if you are not getting the support you need? This video will help students in all institutions and all disciplines to get the best from their supervisors, and can also help supervisors to develop their skills.

The PhD Survival Video
Doing a PhD is meant to be challenging, and most doctoral students feel overwhelmed by the task at times. But many find that their work - and their lives - are compromised by feelings of loneliness, inadequacy or anxiety. The consequences can be abandoned PhDs, disrupted careers and damaged mental health.

The Good Presentation Video
The Good Presentation Video helps doctoral students (and others) improve their presentation skills. This video in our series for doctoral students was made in cooperation with Birkbeck, University of London. Presented by Greg de Polnay, an experienced voice and presentation coach, who regularly works with PhD students.

The Good Networking Video
A 30min video produced by Angel Productions with Royal Holloway, University of London, to help research students understand how and why they should spread their wings and start building relationships with the wider academic world.

For Supervisors:

The Outstanding Supervisors Video
In this video, three experienced academics, all shortlisted for a national award for Outstanding Research Supervisor, share their ideas and insights about supervising a doctorate. And their students explain why they nominated their supervisors for the award. This video was made in cooperation with University of Warwick, London School of Economics and Queen’s University Belfast.

Writing Circles for Researchers
Writing for research is demanding, whether you are a staff member or a higher degree research candidate. Exchanging regular peer feedback can make a substantial difference to the quality of your work, feedback from reviewers, and your confidence and productivity.

If you would like to chat about how to set up a writing circle, or about joining an existing writing circle, speak to the Academic Literacy Coordinator, Cassily Charles, in the Research Office – ccharles@csu.edu.au or 6933 2965.

You may also be interested in attending the online workshop session on writing circles, on Tuesday the 19th of March. All welcome. Register.

How does she do it?
Belinda Cash is a talented multi-tasker juggling many responsibilities, obligations and demands. How does she maximise her sanity and minimise catastrophe? Belinda will share both personal, professional and theoretical insights on self-care in the scholarly life, to help you survive & thrive in your research degree.

7th of February. 12noon – 1pm.
More information and to Register: Survive your Research Degree
**My Research Career**

This program is for early career or developing researchers who wish to advance their research careers. This includes higher degree research students who are close to graduating and may be considering a career in research. [More information](#).

Module 1 begins on the 12th February. 9.30am – 12noon.
More information and to Register: [My Research Career, Module 1](#)

**All about Grants**

*Why should I apply for a Grant?* This first session in a 4 part series covers the grant lifecycle; the definition of research, how the Research Office helps you; what are the requirements and approvals needed; what things do you need to consider; how to maximise your chance of project approval; what constitutes a quality application; and more. Other sessions in this series are:

- The Grant Submission Process
- Developing my Research Budget
- Managing My Research Project

26th February. 9.30am – 11.30am.
More information and to Register: [Research Administration 1 - Why Apply for a Grant](#)

**Writing for Public Audiences**

Writing for public audiences is a unique kind of academic outreach. Through short opinion pieces in publications like the Conversation you can take your research to wider audiences to inform, educate, influence and contribute to public debate. This workshop will cover things like choosing what and where to publish and the benefits of writing for public audiences. Three experienced CSU writers for the public will share their tips and experiences in this workshop.

27th February. 11.00am - 12.30pm.
More information and to Register: [Writing for Public Audiences](#)

**R Tutorial Series**

R is a free powerful open source programming language for statistical computing, data analysis and graphical visualization which works on all operating systems. Among R's strengths are its built-in tools for inferential statistics, its compact modelling syntax and its data visualisation capabilities. It produces fully-customisable, publication-quality graphics. R is essentially designed for conducting analysis through scripts or command lines in the console window so that users are in full control. In addition, R's open source nature and its add-on "packages" have allowed it to keep up with the leading edge in academic research. For all its strengths, though, R has an admittedly steep learning curve; the first steps towards learning and using R can be challenging. To help with this QCU have developed 10 Tutorial sessions being delivered throughout the year.

The first is being held on the 5th March. 10.00am - 12.15pm.
More information and to Register: [R Tutorial Series 1](#)
Research Impact and Knowledge Brokering, Exchange, Translation and Mobilisation

Do you want to …

- Increase the reach, influence and impact of your research?
- Identify potential research users?
- Translate your research for use beyond academia?
- Build meaningful partnerships and networks?
- Access new funding streams?
- Think more creatively and entrepreneurially?

The reasons for academics carrying out research are wide and varied, driven by both intrinsic and extrinsic motivations. The potential for reach, influence and impact is also wide and varied, as are the settings, contexts and pathways that can be chosen to effectively and efficiently navigate this terrain. But how do you actually go about moving your research into policy, practice or industry?

This online workshop is being hosted by Dr Helen Alexiou Co-founder and Training and Development Director of the Knowledge Brokering Group. This session provides a brief introduction to the skills, attitude and disposition required to increase the reach, influence and impact of your research. We begin by introducing the concept of knowledge brokering and explain how it can support you to map out your pathway to impact. We then explore the concepts of knowledge transfer, exchange and translation and outline how each can allow you to move your research, knowledge and ideas from one domain to another.

6th March. 9.30am–11.00am.
More information and to Register: Research Impact and Knowledge Brokering, Exchange, Translation and Mobilisation

NVivo 12 is now available:
https://www.csu.edu.au/division/dit/software/nvivo

Library Lowdown:

Avoiding predatory or deceptive publishers

‘Predatory or deceptive publishers’ have taken advantage of the development of the open access author-pays academic publishing model. They use OA publishing as an opportunity to make money through article processing charges (APC), and publish articles with minimal or no peer review. They often:

- Create counterfeit websites that impersonate the website of a legitimate scholarly journal, with the aim of soliciting manuscript submissions and publication charges.
- Make dubious claims about the quality or credentials of a journal, e.g. citing a pseudo ‘journal impact factor’ purchased from companies such as the Global Institute for Scientific
Information (GISI) which could easily be mistaken for a ‘journal impact factor (JIF)’ published by Thomson Reuters (previously ISI).

- Fail to meet established standards with respect to peer review.
- Charge non-advertised publication fees after accepting an article for publication.
- Falsely list acknowledged discipline experts as editor(s).

Research published in these journals is unlikely to meet the standards required for CSU Research Output Collection (ROC) or ERA.

Submitting an article to a predatory or deceptive publisher will:
- not provide the recognition your research deserves,
- reduce the possible impact of your research, and
- limit your options for further publication, i.e. you have probably granted copyright to the publisher

The Library ‘Where to publish’ guide includes tips and information about finding the right journal in which to publish and a checklist that should help you identify predatory or deceptive publishers.

### A CHECKLIST, GETTING HELP AND FURTHER READING

**Before publishing with any journal, you should check that:**

- The journal has an ISSN in [Ulrichsweb Global Serials Directory](https://www.ulrichsweb.com).
- It is indexed in established databases related to that discipline. This information is also available in [Ulrichsweb Global Serials Directory](https://www.ulrichsweb.com).
- If Open Access, the journal is listed in [the Directory of Open Access Journals (DOAJ)](https://doaj.org).
- The journal does not claim pseudo ‘journal impact factors’ from organisations such as the [Global Institute for Scientific Information (GISI)](https://www.isiglobal.org).
- The journal is in fact indexed in the databases in which it claims.
- The editor(s) have been legitimately appointed. Check the editor(s) online academic CV or profile for accuracy or authenticity.

The Library's [Faculty Liaison staff](https://library.csu.edu.au/services/consulting) can often provide advice about publishers to avoid, and assist authors identify alternative journals.

There are a number of Blacklists of predatory journals & publishers, based on a list previously published by Jeffrey Beall (University of Colorado, Library). Beall’s list was discontinued in early 2017, but is updated anonymously in these sites.

- [Stop predatory journals](http://www.scimagojr.com/predatory_journals.php)
- [Beall’s list of predatory journals & publishers](http://www.plosone.org/static/plosone-files/stoppredatoryjournalslist2016.pdf)

These lists are not definitive and may not be up to date. The reason(s) for including specific journals or publishers are not stated. Authors using these lists should conduct due diligence in this regard.
**Vitae**

**PREPARATION AND PRIORITISATION IN RESEARCH**

“Planning is not that exciting, and when you’re feeling overwhelmed, it’s probably the last thing you feel like doing or can find time to do. However, without some clear strategic goals you will find that you will very easily drift from day to day being influenced by your circumstances, and ultimately be far less productive than you have the potential to be.”

“Preparation and prioritisation is planning effectively, preparing for the unexpected, prioritising, seeing gaps of opportunity in project plans and thinking strategically.” [Read more.](#)

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**QCU**

**Quantitative Consulting Unit**

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**, a **one-day G-Power workshop**, and a **three-day/2.5-day Bayesian Network workshop**.

The latest news about QCU’s services:

- We will no longer be conducting our cRow meetings in 2019 we will now deliver 10 R tutorials as 2-hour online presentations as part of the Research Office’s 2019 PD calendar.
- The mid-month R tutorial online Q&A session will be running exactly the same way as did in 2018 for the year 2019 commencing in February.
- Our 1st Bayesian Network Workshop was held in Port Macquarie in January, it was very well received by a group of 9 participants.
- The full set of resource materials of a series of R tutorials for self-learning / self-teaching of data analysis using R is now available to students and researchers by accessing the shared S drive folder S:\Common\Temp Folder Less Than 30 Days\QCU_RTutorial_2018.
- Our statistical services will not be available for December 2018 because John will be on annual leave until 7 January 2019. Coral, however, will be handling administrative matters related to QCU’s services on Mondays and Fridays as usual.

For a full description of and how you can get access to our services please log onto QCU’s [webpage](#).
Chemical Safety Committee (CSC)

The Chemical Safety Committee (CSC) oversees chemicals management and handling at CSU, including monitoring compliance.

The roles and responsibilities of the CSC include:

- Recommending measures for maintenance and improvement of chemical safety and environmental risk management
- Reviewing and advising on chemical safety issues during planning, construction, commissioning of new or refurbished facilities
- Auditing new and existing facilities with regard to documentation, acquisition, handling, storage, use, disposal
- Data management (through access to Chemwatch), including safety data sheets (SDS) and chemical inventory (GoldFX)
- Reviewing chemical incident reports and making recommendations for improvements
- Reporting on compliance to the University Council through the DVC-Research, development and Industry

What is considered chemicals handling?
‘Chemicals handling’ is not just the actual use of a product – it includes assessment of risk before deciding to use a particular chemical, purchase and movement of chemicals, storage and use of properly labelled chemicals, safe handling procedures and finally, disposal of chemicals.

What is a chemical?
It’s important to be aware that ‘chemicals’ in this context includes not only laboratory and research chemicals but any chemicals used across the university’s operations; teaching and laboratories, research, veterinary, dental and pharmaceutical products, agricultural and wine making chemicals, cleaning, printing, garden and grounds maintenance – the list goes on.

What is a hazardous chemical?
‘Hazardous chemicals are substances, mixtures and articles that can pose a significant risk to health and safety if not managed correctly. They may have health hazards, physical hazards or both. Examples of chemicals that can cause adverse health effects include toxic chemicals, chemicals that cause skin damage, carcinogens.’ Safe Work Australia

Hazardous chemicals are classified according to defined criteria under the Globally Harmonised System of Classification and Labelling of Chemicals (GHS). CSU, like all employers, has obligations under Work Health and Safety (WHS) legislation to control and manage workplace hazards, including those associated with chemicals.

What can you do to ensure you are using chemicals safely (and what resources are available)?

- Everyone who uses or handles chemical should complete the ELMO: chemical safety @CSU module.
- Before purchasing a chemical, consider the risk associated with its use – is it the best choice; what precautions will be necessary – personal protective equipment (PPE), safe handling and storage procedures; how and where should it be sourced?
- Conduct a risk assessment - the faculty of science has resources and templates; external sources of information include Safe Work Australia; and the state equivalents, such as SafeWork NSW
- Ask the CSC for guidance
Institutional Biosafety Committee

The Institutional Biosafety Committee (IBC) is one of CSU’s compliance committees and oversees activities involving the use of genetically modified organisms (GMOs) and biologically hazardous materials in research, teaching and clinical activities at CSU.

The IBC is comprised of CSU staff with experience in working with GMOs or biologically hazardous materials plus at least one member external to the University. Members are appointed for a 2 year period with the Presiding Officer reporting (on behalf of the committee) to the Deputy Vice-Chancellor (Research, Development & Industry). The role of the Committee is to assist the University in complying with the Regulations that govern Biological Safety and the use of GMOs in Australia.

In practical terms, this compliance is achieved by the IBC monitoring the acquisition of GMOs and hazardous biological materials (purchased, gifted, re-located), their production and use within appropriate CSU facilities and subsequent correct handling, storage, transport and disposal. The IBC also requires appropriate documentation is maintained by users to conform to legislative requirements set out by regulatory bodies such as the Office of the Gene Technology Regulator (OGTR) and Australian Quarantine Inspection Service (AQIS) and standards including the Security Sensitive Biological Agents Standard and Microbiological Standard.

A major role of the IBC is to assess the risk posed by any undertakings involving GMOs or hazardous biological materials. This is done by examining written proposals that investigators must submit to the committee prior to commencement of the undertaking. The IBC will evaluate each proposal and will only grant approval for the work to go ahead when satisfied the activity complies with the relevant regulations (eg Gene Technology Act 2000 and National Health Security Act 2007).

Finally, the IBC monitors the facilities in which dealings with hazardous biological materials and GMOs are conducted. On behalf of the OGTR, the IBC carries out site inspections of facilities wishing to become OGTR certified and then conducts annual inspections to check compliance is maintained. Any CSU facility using hazardous biological materials will also receive an annual inspection by members of the IBC.

For more information contact the IBC at biosafety@csu.edu.au

Professional Development Calendar
2019:

Our on-line training sessions are not just about listening to information being presented, but about engaging, contributing, responding, interacting, working in groups, completing exercises, presenting thoughts and ideas and more.

To make the most of our on-line sessions, we highly recommend you invest in a USB headset with microphone.

Available from our Computer Shop.
## February Summary:

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| 5th Feb    | **Basics of Thesis Structure – Part 1**  
This is the first half of a 2-part workshop and you need to register separately for both parts. This workshop covers the fundamental parts (chapters) of the thesis, and the relationship between them. We focus on the core functions of each chapter, and how these need to be aligned to create an effective thesis. We will look at some variations on thesis structure and how these differ across disciplines. |
| 6th Feb    | **Basics of Thesis Structure – Part 2**  
This is the second half of a 2-part workshop and you need to register separately for both parts. This workshop covers the fundamental parts (chapters) of the thesis, and the relationship between them. We focus on the core functions of each chapter, and how these need to be aligned to create an effective thesis. We will look at some variations on thesis structure and how these differ across disciplines. |
| 7th Feb    | **Survive your Research Degree**  
Belinda Cash is a lecturer in social work and gerontology at CSU, a leader in the Australian Association of Gerontology, a single parent of young twins, an active writer of publications and texts for students, and has recently submitted her own PhD at La Trobe University. How does she do it? How does she maximise her sanity and minimise catastrophe? Belinda will share both personal, professional and theoretical insights on self-care in the scholarly life, to help you survive & thrive in your research degree. |
| 12th Feb   | **My Research Career, Module 1 – Introduction, research landscape, priority and time management**  
The aims of this module are to: - Outline the learning approach to be used for My Research Career (MRC) - Explain the research landscape at CSU - Highlight the strategic issues and priorities which research-active staff should understand - Describe key resources, links and support for research administration at CSU - Highlight good time and priority management skills. |
| 12th Feb   | **Structuring a Literature Review – Part 1**  
This is part of a 3-part workshop and you need to register separately for each part. These will provide an introduction to the purposes of the literature review and the key stages in developing a good literature review structure. It covers practical strategies for capturing information from the literature, organising and categorising ideas and developing a suitable structure for your literature review chapter (or literature review section of your research proposal). |
| 13th Feb   | **Structuring a Literature Review – Part 2**  
This is part of a 3-part workshop and you need to register separately for each part. These will provide an introduction to the purposes of the literature review and the key stages in developing a good literature review structure. It covers practical strategies for capturing information from the literature, organising and categorising ideas and developing a suitable |
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| 14th Feb   | **Introduction to CRO and linking your ORCiD profile**  
This session will help you understand and get the best out of your CRO profile. It will cover adding publications to CRO, adding to your profile and linking your CRO profile with your ORCiD profile. |
| 14th Feb   | **Supervisor Series - Module 1 – Introduction, overview and first session of enrolment**  
Module 1 explores what should happen in the first meeting including: * Determining research interests, * understanding expectations, roles, responsibilities * Resourcing and training needs.  
We will also explore what should happen in the first session of enrolment. |
| 14th Feb   | **Structuring a Literature Review – Part 3**  
This is part of a 3-part workshop and you need to register separately for each part. These will provide an introduction to the purposes of the literature review and the key stages in developing a good literature review structure. It covers practical strategies for capturing information from the literature, organising and categorising ideas and developing a suitable structure for your literature review chapter (or literature review section of your research proposal). |
| 18th Feb   | **Overcoming Procrastination**  
This workshop is for anyone, especially research candidates. It covers key causes of procrastination, and presents practical strategies for making progress and getting things done. This workshop includes plenty of opportunities to hear other participants’ experiences and to share tips and tricks. |
| 18th Feb   | **Introduction to Systematic Reviews**  
Want to know more about Systematic Reviews? This short session will provide a guide to the tools available and show you the steps to creating a systematic or systematic-like review. |
| 19th Feb   | **Using library databases effectively: getting better search results**  
Learn more about Library Databases, what’s available and how to get the most out of them with advanced search techniques. This session will introduce you to different databases, their features and when to use them. |
| 21st Feb   | **Reading the Literature Critically**  
This workshop offers strategies for critical reading & critical thinking about the literature. It discusses different targets & criteria for critique in the articles you read and the ways these differ across disciplines & research approaches. It offers a step-by-step model & has opportunities to practice critical reading tactics, develop & articulate critical views, and share experiences and tips. |
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| 26th Feb | **Research Administration 1 - Why Apply for a Grant**  
Why should I apply for a Grant? What are the CSU expectations? What do I need to consider and do? A session aimed at helping new Researchers consider preliminary information when applying for an external grant. |
| 27th Feb | **Writing for Public Audiences**  
Writing for public audiences is a unique kind of academic outreach. Through short opinion pieces in publications like the Conversation you can take your research to wider audiences to inform, educate, influence and contribute to public debate. This workshop will cover things like choosing what and where to publish and the benefits of writing for public audiences. Three experienced CSU writers for the public will share their tips and experiences in this workshop. |
| 28th Feb | **Finding Funding Opportunities using Research Professional database**  
This session will show you how to find funding opportunities using the Research Professional database. It will give you tips on searching and how to set up alerts and make the most of the information that is available to you. |
| 28th Feb | **HDR Candidate Induction**  
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. |

Visit our [PD Calendar](http://www.csu.edu.au/research) to see what is on for the remainder of 2019.

**CONTACT**

We welcome contributions, feedback and suggestions for the Bulletin:

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