Welcome to our March edition!

Many people will be gearing up for the start of semester and all that it brings. CSU will be welcoming a number of new HDR students (and some continuing from undergraduate study) who are taking up Australian Research Training Program scholarships. A total of 80 scholarship offers were made last year and a majority of those offered a place have accepted.

In ERA and EI news we are expecting the outcomes to be released sometime in March. How we use those outcomes will be an important part of how we move forward in the research space. It may also provide us with some insight into how we best manage both reporting exercises into the future.

During February, all Research Office staff participated in a 2 day planning and training retreat held in the Agritech incubator building in Wagga. The program had some key themes including managing change well, understanding external influences on the research agenda, touching base with our internal stakeholders and having a customer focused approach. A number of ideas and initiatives were discussed and a number of new connections made.

Warm Regards,
Jason White

Smythe Review of HDR Training

If you have been around the university over the past few weeks you may have heard the buzz about the implementation of the recommendations from the Smythe Review. Wondering what that is? Read on....

What is the Smythe Review?

The Smythe Review (2017) is an evaluation and analysis of HDR training at CSU in the context of national drivers, sectoral trends, and the internal CSU research training environment, priorities and stakeholder perspectives. The major findings and recommendations of the review fall into the four priority areas of:
• Supporting Student Success;
• Improving the Student Experience;
• Providing Equitable and Flexible Access to HDR Training; and
• Building Partnerships and Engagement.

Why did we need the review?

There has been a significant shift in the HDR sector, both in response to the changing job market for students graduating with PhDs and the government instigated ACOLA Review (2016) into the content, management and expectations around HDR Training. This identified the need to collect more data about student outcomes and satisfaction, strategies to support the acquisition of transferable skills, access to industry placements and internships for students and to improve opportunities for them to engage with the research culture of the university. It also requires universities to work closely with supervisors who are often at the coalface of delivery and managing candidatures, to ensure they receive the PD training, resources and recognition they need to best support our research students.

What comes next?

Many in the sector have been quick to respond to these national drivers with significant changes to the content, delivery and marketing strategies already in place at a number of universities.

The implementation of the recommendations from the Smythe Review will bring HDR training at CSU in line with national trends and best practice as well as providing our graduate students and the staff who work with them with the best possible support, resources and outcomes, building a platform for CSU to grow as a research strong university into the future.

Dr. Jennifer Podesta has been engaged as Project Officer to consult with leadership and key personnel across the university to guide the implementation of the recommendations. This will include the roll out of a fresh and uniquely CSU PhD offering accompanied by a range of administrative, IT, policy and marketing changes to support it. If you would like to know more please feel free to get in touch with Jennifer at jpodesta@csu.edu.au.

What are your perspectives and experiences of the research culture at CSU?

You are invited to participate in an online survey about your perspectives and experiences of the research culture at CSU. We are particularly interested in your viewpoints on how CSU promotes and supports a culture of integrity and responsible conduct in research. Your responses will inform a broader project aimed at ensuring that CSU promotes and values integrity in all aspects of research.

This project is being conducted by A/Prof Gayle Smythe and A/Prof Jason White in the CSU Research Office. Participation in the survey is open to all CSU staff, is completely voluntary, and should take about 15-20 minutes to complete. The survey will be open until 5.00pm on Friday 15th March 2019. The responses you provide will be completely anonymous. Your completion of the survey will imply your consent for your responses to be used in the project. The survey has been approved by the CSU Human Research Ethics Committee (approval #19013). If you would like to participate in the survey, please read the Participant Information Sheet on the opening page of the survey, and contact the researchers if you have any questions.
Mid-Career Researcher Forum - Call for Presenters

We are seeking presenters for a Mid-Career Researcher Forum, to be hosted online over two days from 28-29th August 2019. The forum will bring together mid-career researchers at CSU with presentations by professorial staff and researchers with substantial experience in their topic area.

The forum will feature a line-up of 1 hour interactive-style sessions by experts (or a panel of experts) who draw on their own research careers and experiences. The online event will allow attendees to register for single sessions or commit to the whole program, and sessions will be recorded and made available to anyone who misses out.

We are looking for presenters who are experienced in the following topics who can share their knowledge, experiences, and ideas to generate understanding and thinking for researchers in their early to mid careers. Potential topics include:

- Industry engagement
- International research engagement
- Multi/cross-disciplinary research
- Competitive grants (Category 1)
- Leverage funding
- IP and contract management
- Strategic research planning
- Career planning
- Networking (discipline, industry, university)
- Collaborating across institutions (platforms, tools, multi-users)
- Leading and managing research teams
- Fellowship opportunities
- Finding mentors and role models
- Researcher mobility (secondments, exchanges, sabbaticals)
- Careers in research outside university
- Research leadership and governance at CSU
- Contributions to research community
- Serving on editorial boards
- Entrepreneurship
- Achieving a work-life balance

Our PD team will be more than happy to help you put together slides and provide support during your online delivery. If you are interested in presenting in the Mid-Career Researcher Forum, please contact Dr Alison Matthews almattews@csu.edu.au with a title and brief outline by 31st March 2019.

Are your 2018 outputs recorded in CRO?

The Research Outputs Collection (ROC) is the annual reporting of both traditional and non-traditional research outputs generated by CSU staff and students, and is essential to inform our research planning and support mechanisms. ROC data are used for a variety of purposes, including Research Active assessment and academic promotion reports. More information, including eligibility.
In early April, all relevant staff will receive an individual email from the Research Office containing a list of their 2018 outputs currently recorded in the CSU Research Output (CRO) database. This list will need to be checked and any missing outputs and FoR codes entered.

Outputs must be entered by Friday the 12th April to allow sufficient time for processing and verification of eligibility.

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.

**March is rich in PD sessions ... here are just a few ...**

**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**
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. 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.

6th March. 9.30am–11.00am.
More information/Register: [Research Impact & Knowledge Brokering, Exchange, Translation & Mobilisation](#)
Research Data Management
Are you drowning in research data? Do you want to know where you should be storing your data? Are you required to comply with funding body data management requirements, but don’t know how?

This workshop, run by Intersect, is ideal for researchers who want to know how research data management can support project success and are interested in research data management services and support available at their institution. Combining slide-based background material, discussions, and case studies this workshop will equip participants with best practices for managing their valuable research data.

7th March. 0930am-1130am.
More information and to Register: Research Data Management

Supportive Conversations - for HDR Supervisors
HDR supervisors play a pivotal role in supporting the well-being and mental health of their research students. This session, presented by CSU Student Counsellor Dr Shaunagh Foy, will guide supervisors in having supportive conversations, as well as setting boundaries, responding to stressed or anxious students, and making appropriate referrals. All new and ongoing supervisors welcome.

12th March. 12.30pm-1.30pm.
More information and to Register: Supportive Conversations - for HDR Supervisors

Qualitative Research, An Introduction
Qualitative research has unique characteristics, and like any approach, it has pros and cons. This looks at the reasons for choosing qualitative rather than quantitative research, and identifies principles for doing rigorous qualitative research. We discuss issues including developing good research questions, generalisability, evaluation of research.

14th March. 10.00am-12.00 noon
More information and to Register: Qualitative Research, An Introduction

NVivo
This workshop then moves you beyond basic coding with a range of queries to help identify patterns in data. Queries are powerful and assist the researcher to move beyond basic coding to use their classifications to produce visualisations. Reports are also covered. We work with a sample dataset, however you are encouraged to work with your own coded dataset (literature or empirical data).

21st March. 0930am-12.30pm.
More information and to Register: NVivo

Ethics in Research involving Human Participants
Are you undertaking a research project which requires or may require research ethics approval? This workshop is highly recommended and will include: An introduction to research integrity and the responsible conduct of research; An overview of the ethical issues that may arise; Questions you need to consider; Tools to analyse and address issues; Understanding who needs to make application and how to apply for approval from a Research Ethics Committee; the Codes which apply to your research and your ethics application.

26th March. 0930am-1130am.
More information and to Register: Ethics in Research involving Human Participants
Easy Blogging for Researchers
Blogging is the easiest format for researchers when it comes to creating great content that tells their research stories. Learn how writing a blog is now simpler than ever and so much more. Paul Willis of Media Engagement Services shares his expertise.

27th March 2019. 11.30am-12.30pm
More information and to Register: Easy Blogging for Researchers

Data Visualisation
There are many ways to visualise and analyse research data. Visualisations and mapping can reveal and highlight trends and patterns in data that may not have been otherwise obvious. This session will demonstrate some techniques that have been used by the Spatial Data Analysis Network (SPAN) to help researchers analyse, map and visualise their research data.

27th March 2019. 1.00pm-3.00pm.
More information and to Register: Data Visualisation

The Grant Submission Process
Do you want more of an understanding of the grant application process or are you new to the submission process? This session is all about enabling you to better understand the processes and people within CSU who can support you in submitting an application for approval.

28th March. 0930am-1130am
More information and to Register: The Grant Submission Process

March Research Writing Bootcamps
Two days of Bootcamp in March – with *bonus* optional workshops

Do you want to dedicate a chunk of time to your research writing (or data analysis or reading or editing)?

Feeling bouncy? Why not get up an hour earlier, and come to a pre-bootcamp workshop as well.

Day 1 - Monday, 11th of March - Online
• 8am-9am optional workshop (Quantity Writing)
• 9am-5pm bootcamp

Day 2 - Thursday, 14th of March - Online OR face-to-face in Albury
• 8am-9am optional workshop (Paragraph Labelling/Reverse Outlining)
• 9am-5pm bootcamp

If you would like a calendar invitation with the full schedule, location and links, or if you have any questions, please email your host, Cassily Charles - ccharles@csu.edu.au. Yes, you can come to both days or just one.

About the optional workshops

Quantity Writing will be useful for planner-type people, who tend to think and plan first and write later, and sometimes find it tough getting lots of words onto the page.
Paragraph Labelling / Reverse Outlining will be useful for drafter-type people, who tend to write first, and organise later, and sometimes find it tough to develop a clear structure.

Everyone is welcome. We will start **promptly at 8am** to be finished at 9am for bootcamp.

**Library Lowdown:** Grant Funding support from the Library

This month’s column will be looking at ways that the Library can support your grant funding requests.

**Finding funding opportunities**

The Library can assist you from the very beginning by helping you to identify funding opportunities that you may be eligible for.

The [Research Professional] database allows you to identify and locate potential funding opportunities. You can search using a variety of identifiers, including Funder, discipline, closing date and free text. More searching tips are available in the database. More information can be found on our [Funding Opportunities] page.

Research Office Faculty Liaison staff have set up broad, school or discipline based alerts that you may already receive by e-mail. If you would like to create more targeted individual alerts corresponding to your area of research interest please contact a [Faculty Liaison Librarian].

**Supporting your grant funding by demonstrating research impact and engagement**

Once you have identified funding opportunities, the library can assist you by compiling a Research Impact Report. The report collates information about a researcher and the impact of their research. You can request a [research impact report], or find out more on the [Research impact & engagement] page. There is also a [Research Impact Library Guide] if you would like to know more.

**Promoting your research**

Establishing an online presence or researcher profile is a great way to promote your research and make it more visible, leading to funding or collaboration opportunities. More information can be found in the [Researcher Profiles] library guide and on the [Researcher profiles & ORCiD] page.

**Linking your CRO and ORCiD profiles**

Some publishers and funding bodies require you to have an ORCiD profile. Your ORCiD profile can be linked with your CRO profile, so that research outputs entered into CRO are automatically pushed to ORCiD. If you need to create an ORCiD profile, or would like to know more about linking your ORCiD profile with your CRO profile, contact one of your [Faculty Liaison Librarians].

The Library runs different online training sessions on these topics as part of the [Research Office Professional Development calendar]. Relevant upcoming training sessions are:

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<th>Date</th>
<th>Time</th>
<th>Session Title</th>
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<tbody>
<tr>
<td>Mon 1st Apr</td>
<td>2.00-3.00pm</td>
<td>Research metrics for grants and promotion</td>
<td>Are you looking to complete a grant application or application for promotion and want information about how to present their research impact? This session will show you how.</td>
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There are lots of other topics that may be of interest, so remember to have a look at our Induction, Consultation & Training page.

**ATI Riverina: Thinking Differently!**

Join us for our Innovation & Entrepreneurial Bootcamp @ the CSU AgriTech Incubator, CSU Wagga.

**What?**
Introduction to Entrepreneurship & Innovation.
A bootcamp to solve real-world challenges in a creative, fast-paced and collaborative way. It will also teach you skills you can apply with any career.

**How?**
This workshop will provide an introduction to an entrepreneurial toolkit. Participants will identify and define current problems that improve the social fabric of the Riverina region.

**For Who?**
Charles Sturt University students (Wagga Wagga Campus) who:
- would like to learn new skills for future employment
- wants to explore new pathway opportunities for their future career
- are interested in being part of community development
- are interested in starting up their own business

**The Bootcamp will run from Thursday 14th March – Saturday 16th March**
Thursday 14th – 6.00pm–9.00pm. Friday 15th – 9.30am–4.30pm, Saturday 16th – 9.00am–2.30pm

*Completion of bootcamp counts towards credit for one STRIVE Student Leadership Program elective module!*
*Riverina community members are also welcome and encouraged to register for this bootcamp. Great prize for winning team!! For further information and to register.*

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**Vitae**

Our programmes are developed and evaluated in collaboration with the researcher development community and our network of experienced professional trainers. All of our programmes are based around an interactive and experiential approach to learning, making use of activities, case studies, discussion and opportunities for reflection.

Vitae professional development and training for researchers, [see the range available](#).
Quantitative Consulting Unit (QCU)’s core statistics support services include:

- Free general consultancy on statistical theory and application related to a research problem; 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.) via registered consulting projects.
- Tutorials/training for learning and using analysis software such as R, SPSS, G*Power3.1, @Risk and Netica; 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:

- The R Tutorial Series 1, as part of the Research Office PD program, will be held on the 5th March, 10am to 12:15pm.
- The corresponding online R tutorial Q & A session will be held on Tuesday March 12, from 2-5pm. No appointment is required and you may just join the session by use the following Adobe Connect link https://connect.csu.edu.au/r_qandasession/ to enter.
- John Xie has recently been approved as the Accredited Statistician (AStat) by the Statistical Society of Australia.

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 has received the following document from Safe Work Australia’s. The following is a link which explains the safe storing of chemicals which is a great reference guide to plan for research projects and also review current projects to ensure that everyone complies: https://www.safeworkaustralia.gov.au/doc/managing-risks-storing-chemicals-workplace

For further information please contact the Chemical Safety Committee via e-mail chemicalsafety@csu.edu.au
### Professional Development Calendar, March 2019:

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| 4th March | **Meet the Helpers - Research Support Services**  
If you are a new research candidate (or research supervisor), you’re warmly invited to this short lunch time session. The Helpers you will meet are from the library, counselling and research-specific support services for writing, statistics, visual data analysis and more. Short presentations from each section will let you know the services, programs and resources available, how to access these, the times when they might be useful in the research degree, and who to contact. |
| 5th March | **R Tutorial Series 1 - Introduction and overview of R for data analysis**  
The example R codes prepared for this unit are to learn a few most essential R functions such as setting up the working directory path, R help functions, input and output functions, and some descriptive and graphical analysis examples. |
| 5th March | **Exploring Research Methods using Sage Research Methods Online**  
Are you starting your research, or do you want to know more about different research methods, then this is the session for you. This session is also for you if you are a supervisor and would like to share videos or case studies with your students about different research methods. |
| 6th March | **Research Impact and Knowledge Brokering, Exchange, Translation and Mobilisation – A Brief Introduction**  
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? Then this workshop is for you. |
| 7th March | **Research Data Management**  
Are you drowning in research data? Do you want to know where you should be storing your data? Are you required to comply with funding body data management requirements, but don’t know how? This workshop is ideal for researchers who want to know how research data management can support project success and are interested in research data management services and support available at their institution. Combining slide-based background material, discussions, and case studies this workshop will equip participants with best practices for managing their valuable research data. |
| 7th March | **Writing a Research Proposal**  
This session focuses on the purposes, structure, language and writing process for research proposals. It discusses the links between the different parts, and enables participants to share feedback on their drafts and ideas and tips for making progress. We will look at examples of good research proposals from several disciplines, participants can bring an example from your own discipline, supervisors should be able to help with this. |
| 11th March | **EndNote for Windows**  
This session is designed for Windows users who would like to learn about EndNote. This session will cover setting up your EndNote Library, using EndNote with Word and other tips and tricks. |
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<td>19th March</td>
<td><strong>Using NVivo for Qualitative Literature Reviews</strong></td>
<td>Does it sound appealing to have easy access to key quotes, methods, and statistics in the literature? Would you like to be able to integrate your Endnote library and do full text searches, word clouds, word trees, of important concepts and matrices of your key authors and their main ideas? This workshop provides the theoretical foundation for conducting systematic literature reviews followed by practical advice for managing your literature review in NVivo. We use a real life example to provide steps for doing rigorous and transparent research. This is limited to 15 participants and is facilitated by Dr Jenine Beekhuyzen of Adroit Research, please email her with any questions - <a href="mailto:info@adroitresearch.com.au">info@adroitresearch.com.au</a> with the subject line: CSU workshop.</td>
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<td><strong>How and why researchers should join a writing group</strong></td>
<td>Writing groups have magical powers: They can boost the quality of your writing, keep you going when you're distracted or despondent, accelerate your productivity, increase your confidence, and provide lots of other benefits for researchers (Aitchison &amp; Guerin, 2014). We will discuss the practicalities for organising and facilitating a writing group, either face-to-face or online and offer help if you'd like to either join or start a writing group.</td>
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<td>As prerequisite to this session you need to go through the 'Getting Started' webinar - to be advised. This workshop then moves you beyond basic coding with a range of queries to help identify patterns in data. Queries are powerful and assist the researcher to move beyond basic coding to use their classifications to produce visualisations. Reports are also covered. We work with a sample dataset, however you are encouraged to work with your own coded dataset if desired (literature or empirical data). It is OK if you don't have coded data as the workshop gives insight into what is possible when you reach that stage. This workshop is limited to 15 and is facilitated by Dr Jenine Beekhuyzen of Adroit Research, please email her with any questions - <a href="mailto:info@adroitresearch.com.au">info@adroitresearch.com.au</a> with the subject line: CSU workshop.</td>
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<td>25th March</td>
<td>Literature Review Using EndNote &amp; NVivo – An Introduction</td>
<td>With your new NVivo skills, learn how to use EndNote and Nvivo to manage and write your literature review. You can import EndNote data into Nvivo and you can cite details from your Nvivo analysis.</td>
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Visit our [PD Calendar](#) to see what is on for the remainder of 2019.

**CONTACT**

We welcome contributions, feedback and suggestions for the Bulletin:

RESEARCH OFFICE
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Email: researchpd@csu.edu.au