Welcome to Issue 22, July 2018, of the Faculty of Science Research Bulletin.

In this month’s issue we report on the myriad of activities that took place in June across the Faculty, including the CSU 3MT finals, the FOS HDR symposium and the launch of the Faculty’s Postdoctoral Society, PdCSU. We also learn about Rachel Rossiter’s new research project and Di Barton’s trip to JCU to dissect sharks. It has certainly been a very busy month.

There is also information on upcoming workshops for the new Research Master upgrade, library programs and funding opportunities. Additionally, there are links to the new Australian Code for the Responsible Conduct of Research, 2018 which is essential reading for all researchers.

The layout of the bulletin has changed slightly based on feedback from readers with all funding opportunities for both HDR and academic staff now listed under a distinct heading. We hope that this ensures all funding opportunities are easier to locate.

The bulletin is emailed to all staff and HDR candidates in the Faculty of Science in the first week of each month. If you have a news item, a resource, announcement or a great achievement related to research or HDR candidature you’d like to share, please send it to Deborah or Melanie for inclusion in the next bulletin.

Previous issues of the bulletin can be downloaded as a PDF from the Faculty of Science Research News and Highlights page here

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Finally….. What does colour say about you?

HDR NEWS

Welcome to our New Candidates

Sulaiman Lansana Mandoh – School of School of Nursing, Midwifery & Indigenous Health, working with Rachel Rossiter and Uba Nwose. Sulaiman commenced this session full-time on the Orange campus.

Thiloka Kariyawasam – School of Agricultural and Wine Sciences, working with Julia Howitt and Greg Doran. Thiloka commenced this session full-time on the Wagga Wagga campus.

Congratulations – Approved for Graduation

Sophia Dywili, thesis titled “The Experience of Sub-Saharan African Overseas Qualified Nurses Working in Rural NSW: A Hermeneutic Phenomenological Study”

Rocco Longo, thesis titled “Effects of harvest timing and technological approaches on volatile compounds and sensory profiles of lower alcohol wines”
Andrew Schaefer, thesis titled “Investigation into lumbar spine injury risk factors during fast bowling in junior cricketers”

Census date – Friday 3 August 2018

Good luck to those students working hard to submit their thesis for examination prior to the census date 3 August 2018.

Please note your thesis must be submitted to the Research Office via research@csu.edu.au by close of business (5pm) in order to avoid enrolment and fees for 201860. If the file size of your thesis exceeds 20MB, please follow these procedures for sending large files via Cloudstor and ensure you provide the relevant link to research@csu.edu.

Don’t forget to sign the certificate of authorship page! 🌟

For those students that have a maximum enrolment session of 201830, you must submit your thesis for examination on or before the census date **Friday 3 August, 2018** or apply for an extension of candidature by no later than **Friday 20 July, 2018**.

Failure to do so may result in a notice to show cause as to why your candidature should not be terminated being issued.

If you are unsure of when your maximum session of enrolment is, have any questions about the submission of your thesis or the process of applying for an extension please don’t hesitate to contact your Graduate Studies Liaison Officer.

Reminder for Supervisors

It is the responsibility of the Principal Supervisor to complete the Notification of Readiness to Submit Thesis & Appointment of Examiners form ideally at least one month prior to the student submitting their thesis. This allows time for the examiners to be reviewed and approved to minimalise any potential delays between when the student submits and when their thesis is sent to the examiners.

Supervisors should read the Appointment of Examiners Guidelines and the Conflict of Interest in the Appointment of Examiners Guidelines prior to submitting the form to the Sub Dean Graduate Studies, A/Prof Sandra Savocchia.

Need to take sessional leave for 201860?

If you are planning on taking leave for session 2, 2018 please make sure your Application for Leave form is completed as soon as possible. It is important that this is submitted at least 2 weeks prior to census date (20 July 2018) so time is running out. If you have any questions about the process please contact your Graduate Studies Liaison Officer.

3MT Finals – Science Triumphs

The 3MT Final was held this on the 22nd of June at the Council Chambers in Wagga. Eight PhD candidates battled it out, describing their research in just 3 minutes! It was a packed house and there was a special performance by Dan Aubin titled ‘A Fine Balance: Performing Research’ – this was an inspiring and, at times, nail-biting presentation of what researchers do!

The Faculty of Science had 5 finalists presenting who all did incredibly well:
• Esther Callcott (SBMS) - The Next Phase of Human Evolution
• Yuchi Chen (SAVS) - Don't worry, just panic...
• Stephen Cork (SBMS) - Hungry?
• Shiwangni Rao (SBMS) - Talking Grains
• Michelle Toutounji (SBMS) - White Rice: Naughty or Nice?

And the winner was … Michelle Toutounji! (Pictured) Michelle will go on to represent CSU at the Asia-Pacific final at the University of Queensland later this year. Michelle also received the People’s Choice award!

Runner up was Esther Callcott! Congratulations to you both!

You can read more about the event and competition winner on the CSU News Media release CSU 3MT winner asks if White Rice is Naughty or Nice?

HDR and Honours Symposium – 28 & 29 June 2018

The Faculty of Science HDR and Honours Symposium was held in Wagga last Thursday and Friday. It was excellent to see so much variety in the research being conducted at CSU, from ‘exploring the potential of taxidermy Murray cod mounts to inform past environmental conditions’ to ‘An examination of women in leadership positions in sport: A case study of Australian Rules Football’.

Congratulations to the following students received prizes for their outstanding presentations:

HDR Presentation Prize: With a tie for first place, the prize will be split between:

Joshua Hodges (School of Environmental Sciences)

Honours Presentation Prize: Ramon Javier Atayde (School of Agricultural and Wine Sciences)

Poster Presentation Prize: Stephen Goodman (School of Exercise Science, Sport and Health)

Special thanks to all of the students who chaired sessions, you all did a remarkable job.

We’d also like to thank those staff who attended to support their students and particularly those who assessed presentations and posters, we couldn’t do it without you!

We even had the Win News Riverina come along, check out the story here.


Above: Students and staff participating in the Building Emotional Resilience Workshop
Applications for the CSU Writing-Up Award for 2018 are opening very soon!

The Writing-Up Award is intended for Higher Degree by Research candidates who have, or will have, submitted their thesis between August 2017 and August 2018. It is designed to provide a modest income to authors during the preparation of research articles or books which are based on their thesis submitted for a PhD, Research Doctorate or Masters by Research. The objective of the award is to support the increase of publication rates of Higher Degree by Research students at CSU. This award is not available to CSU staff members undertaking HDR studies.

Scheme guidelines and an application form will be available on the Research Office website and an announcement will be posted in What’s New in the next week or so.

Applications must be submitted to research@csu.edu.au by close of business 3 August 2018.

Value of Award Awardees will receive $10,000 as a tax exempt scholarship Award.

Selection Applications will be assessed based on the following criteria;

1. Applicant’s academic and professional track record
2. Contribution to School/faculty/Research Centre during the course of their HDR studies
3. Quality of the research outputs produced during the HDR
4. Quality of the research outputs proposed to be generated during the tenure of the writing-up award

Applications will be assessed and ranked by Faculty committees lead by the relevant Sub-Dean, Graduate Studies. These rankings will then be considered by the Deputy Vice-Chancellor (Research, Development and Industry) in deciding the final awards.

RESEARCH NEWS

Launch of Faculty of Science Postdoctoral Society

The Charles Sturt University Postdoctoral Society, PdCSU was launched on Wednesday, 20th June in the foyer of the National Life Sciences Hub (NaLSH) on the Wagga Wagga campus. The launch was well attended and provided an excellent launching pad for the Society.

The Society aims to address issues of interest to postdoctoral staff (Postdocs) within the Faculty of Science. It will create a social and intellectual network for postdocs throughout FOS at CSU.
Congratulations to the members of the Acting Executive Committee, Dr Adam Frew, Dr Joanna Gambetta, Dr Saliya Gurusinghe and Dr James Turner for getting the Society and organising the launch.

Associate Professor Rachel Rossiter – Parkinson’s disease project

Congratulations to a CSU nursing research team lead by Associate Professor Rachel Rossiter who have been engaged by Parkinson’s NSW to undertake a project in rural and regional NSW.

The research team leader Associate Professor Rachel Rossiter (pictured) in the CSU School of Nursing, Midwifery and Indigenous Health said CSU nursing researchers are working collaboratively with the community organisation Parkinson’s NSW to improve the health care services provided for people with Parkinson’s disease in rural and regional areas of NSW.

“Recognising the gap in services for people with a debilitating and deteriorating chronic neurological condition, the research aims to provide evidence that will support Parkinson’s NSW’s advocacy role to state and federal governments so that the current deficit in specialist neurological nursing services in rural and regional areas of NSW is addressed,” Professor Rossiter said.

Di Barton Shark Dissection Trip

Di Barton, an adjunct academic with the School of Animal and Veterinary Sciences, Charles Sturt University, is currently involved in a project to determine the usefulness of parasites for management of populations of hammerhead sharks around the northern Australian coast. This project is jointly funded by the National Environment Science Program (NESP) Marine Biodiversity Hub at James Cook University and the Northern Territory Fisheries Research Division. Two species of sharks are being studied: the scalloped hammerhead, *Sphyrna lewini*, and the great hammerhead, *Sphyrna mokarran*, both of which are threatened with population decline due to overfishing as by-catch and by-products of various fishing practices.
In May, Di headed to Townsville and Darwin to complete dissections of over 250 sharks that had been caught over the last few years. Gills, nasal fossae and the intestinal system were examined for parasites. A wide variety of parasites were found, including copepods and monogeneans on the gills and nasal fossae, and nematodes, cestodes and a few acanthocephalans from the intestinal system.

Most of these specimens are being sent to various experts for identification, with the potential of a number of new species to be described. Preliminary statistical analyses have shown that there is some population structure between the east coast of Australia and the Northern Territory waters. A final report is currently in preparation.

In some sharks, nodules were found on the stomach wall which were full of nematodes. Each nodule had a single entry/exit hole from which the nematodes would emerge when the stomach was full of food.

Left: Over 200 nematodes were collected from this nodule

New Australian Code for the Responsible Conduct of Research

During June 2018, the ARC, National Health and Medical Research Council (NHMRC) and Universities Australia (UA) jointly released a new Australian Code for the Responsible Conduct of Research, 2018.

The Australian Code for the Responsible Conduct of Research, 2018 (the 2018 Code) establishes a framework for responsible research conduct that provides a foundation for high-quality research, credibility and community trust in the research endeavour. The 2018 Code is a principles-based document that articulates the broad principles and responsibilities that underpin the conduct of Australian research.

Download a PDF version of The 2018 Code from the NHMRC website, here

Australian Academy of Science Newsletters

The Australian Academy of Science produces two newsletters for science researchers. Both newsletters contain stories and updates about what is happening across the Academy, and the broader world of science in Australia.

The Australian Academy of Science produces The Academy, the Academy’s monthly newsletter can be downloaded from here.

EMCR Pathways is the quarterly newsletter from the EMCR Forum. It contains news, events, and opportunities for early- and mid-career researchers. Issue 15 – June 2018 is available for download from the Australian Academy of Science website - here

FUNDING OPPORTUNITIES

Connect to GrantConnect for Commonwealth Grants

GrantConnect provides centralised publication of forecast and current Australian Government grant opportunities. It serves as the central point for finding all Commonwealth grant opportunities including ARC and NHMRC grants.

Subscribe to receive funding updates - here
Australasian Wildlife Management Society - Braysher Management Fund

This fund aims to support studies and other initiatives that address practical (rather than theoretical) wildlife management problems where community involvement is fundamental to the success of the programme. The funding will support projects where community consultation and action are clearly articulated and integral to the outcomes of the project. Up to $10,000 over two years. Closes 31 August 2018. More information here.

NHMRC Targeted Call: Healthy Ageing of Aboriginal and Torres Strait Islander Peoples

A Targeted Call for Research (TCR) is a one-time solicitation for grant applications to address a specific health issue. A TCR specifies the scope and objectives of the research to be proposed, application requirements and procedures, and the review criteria to be applied in the evaluation of applications submitted in response to the TCR. In alignment with the overarching goals of NHMRC's Strategic Plan, a TCR will stimulate or greatly advance research in a particular area of health and medical science that will benefit the health of Australians.

Opening 20 June 2018


2018 Society for Mental Health Research – Conference

Abstracts for the 2018 Society for Mental Health Research at the Sofitel Noosa 28 – 30 November close on 3 August 2018.

The theme of SMHR 2018 is ‘Collaboration’, which reflects a current impetus of mental health and psychiatry research in Australasia. Increasingly, mental health researchers are working in multi-disciplinary and multi-site studies at both the National and International level and such collaboration within academia as well as with industry is seen as crucial to the advancement of mental health research and a vehicle for scientific breakthrough.

Themes include Ageing and mental health, child mental health, E-mental health, physical health in mental health, workplace mental health among others. The conference website lists all themes here.

Fulbright Specialist Program – Bring a US expert to Australia

The Fulbright Specialist Program (FSP), part of the larger Fulbright Program, was established in 2001 by the U.S. Department of State, Bureau of Educational and Cultural Affairs. The program is a field-driven initiative in which foreign host institutions conceptualise and design projects of interest within an eligible discipline that represent a priority for their respective organisations. These projects are then paired with a highly qualified U.S. academic or professional, who shares their expertise and assists with strengthening linkages between U.S. and foreign host institutions. Participating foreign host institutions benefit by:

- Gaining global perspectives from experienced U.S. academics and professionals;
- Executing projects that require a rapid response or flexible timeline through short-term, year-round exchanges; and
- Building sustained relationships with individuals and institutions in the U.S.
- Australian institutions can apply for this grant to bring a U.S. expert in a particular field.

To learn more about this program please visit: https://www.fulbright.org.au/scholarships/fulbright-specialist-program/
The CASS Foundation Travel Awards

The purpose of the Travel Awards is to enable Early Career Researchers (ECR) to attend an international conference of significance to their research. At this conference applicants are expected to be presenting their current research as an invited presenter, as an oral presentation or a poster presentation. The research material to be presented at the conference should be current and not based primarily on the Applicant's PhD studies.

The online application portal will open on Monday 6 August 2018 and close on Friday 24 August 2018. More information available here.

Red Nose - 2018 Trans-Tasman Research Collaboration Funding Round

Applications are open for either:

- Trans-Tasman research project proposals of up to AU$190,000 (NZ$200,000). Projects are to be 1-3 years in duration, total budget cannot exceed AU$190,000.
- Australian specific proposals (with no New Zealand collaboration) of up to AU$100,000. Projects are to be 1-3 years in duration, total budget cannot exceed AU$100,000.

Applications for both streams of funding are to be submitted using the same application form template.

Dates: All applications must be received by 5pm on Friday 7th September 2018

2018 EMBL Australia Postgraduate Symposium - Registration now open!

The EMBL Australia 2018 Postgraduate Symposium Committee would like to invite all research students to attend the 2018 EMBL Australia Postgraduate Symposium on Wednesday 28th - Friday 30th November 2018 at Translational Research Institute, Brisbane Australia.

EAPS brings together students from a broad range of disciplines around Australia and is a great opportunity to showcase your work in an open and friendly environment. Honours, Masters and PhD students are all welcome!

A range of travel and accommodation bursaries are on offer!

Registration and abstract submission is now open!

Click here to register and secure your place!

For more information, please CTRL & click the image to the left or visit their website.

2018-19 Fisheries Scientific Committee Student Research Grant

The Fisheries Scientific Committee (FSC) is now accepting applications for the 2018-19 Student Research Grants Round.
The FSC has available $3,000 to fund 1-2 student projects, aimed at filling gaps in research information for threatened or potentially threatened species of fish and marine vegetation in NSW.

**How to apply:** Visit the [FSC website](#) to access the online application form.

Applicants should read the Student Research Grants Terms and Conditions, and the Information for Applicants, prior to commencing their Application.

**Applications close 11.59 pm (AEST) on Tuesday 31 July 2018.**

Any questions should be directed to the FSC’s Executive Officer at [fsc@dpi.nsw.gov.au](mailto:fsc@dpi.nsw.gov.au)

**Suicide Prevention Scholarships**

Suicide Prevention Australia is offering six scholarships to assist candidates complete a higher degree by research. Three will be funded by Regional Australia Bank and Anytime Fitness Australia who have the below specific areas of interest:

- Regional Australia Bank is seeking a candidate studying at a regional university who is seeking to better understand suicide in rural and regional communities
- Anytime Fitness Australia has a specific interest in candidates who are exploring links between physical activity and its role in suicide prevention.

The aim of the scholarship program is to support outstanding graduates early in their research career to be trained to conduct research that is relevant to all aspects of suicide prevention.

Each scholarship is valued at a maximum of $105,000 over three years, paid according to a schedule negotiated with each successful candidate.

**Applications open Monday 25 June and Close Monday 6 August 2018.**

Please see the [Suicide Prevention Australia website](#) for further information.

**PROFESSIONAL DEVELOPMENT**

**Ratbag Research – Jonathon O’Donnell Research Whisperer Workshop**

Are you a ratbag researcher?

After decades of helping researchers to get funding, Jonathan O’Donnell (the Research Whisperer and Senior Advisor, Research Development at RMIT), has concluded that following the rules (about research engagement, collaboration, funding) might not win you the game, and breaking them may not save your career. Join us for a lunch time session where Jonathan will ask whether doing ratbag research might just save your sanity. Assoc Prof Jane Quinn (FOS) will be in the role of ‘the voice of the academy’, in what promises to be a highly stimulating discussion.

**Tuesday, 21st of August, 12:30 to 2pm**

Link to register or get more information: [https://connect.csu.edu.au/ratbag/event/event_info.html](https://connect.csu.edu.au/ratbag/event/event_info.html)
Research Master 6 Upgrade (My Research) Information Sessions

The new Research Master product was released on the 2 July 2018. Researchers, Research supervisors Higher Degree by Research Students and Research Managers are invited to attend an information session.

Sessions are scheduled for:

- Wednesday 4th July – 11.30am – 12.30pm
- Friday 6th July 2-3pm
- Thursday 10th July 10 – 11pm
- Thursday 19th July 1-2pm
- Monday, 23rd July 12-1pm
- Monday, 30th of July 1-2pm

The detail on how to join a session can be found at S:\Common\ Temp Folder Less Than 60 Days\Research Master Information Sessions

For urgent enquiries relating to information contained in Research Master during this period please contact the Research Office on 02 6933 2578.

Save the Date: Ageing Symposium CSU Wagga Campus

Save the date for the Wagga Wagga Regional Symposium in Ageing which is being organised for the 8th to 10th August. The symposium “Inspire Ageing in Rural Communities: Together We Can Make a Difference” will feature Professor Joe Ibrahim and Professor John Pollaers.

The inaugural regional ageing symposium, will be held at CSU and sponsored by The Australian Association of Gerontology (AAG), together with CSU, the Murrumbidgee Aged Care Consortium and Catholic Healthcare.

Or contact either Assoc. Prof Maree Bernoth - 02 6933 2492 or Assoc. Prof Marguerite Bramble - 02 6338 4596

More information to be released soon on the Australian Association of Gerontology (AAG): AAG.ASN.AU

CSU Library Lowdown

This month’s lowdown focuses on a training database available through the Library, called: Lynda.com

Great news for researchers!

Lynda.com will continue to be available for CSU staff and researchers in 2018. Along with SSAF funding, the Division of Information Technology, Division of Library Services and other partners across the university are contributing to enable researchers to access this valuable resource.

Researchers can use Lynda.com to develop a broad range of technical and soft skills, including SPSS, Research fundamentals, interviewing techniques, NVivo, time management, presentation skills, and much more. See the subject list for other available topics.

Lynda.com resources can now be found through Primo Search, as well as on the Library’s database pages under Videos & Multimedia or the alphabetical listings.
You can also join one of the library's upcoming training sessions for July:

### Upcoming Library Training for July

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### Finally…… What does colour say about you?

It is CSU Foundation Day on **Wednesday, 18 July** and we are all encouraged to celebrate by wearing **RED**.

We thought it would be an opportune time to find out about the **psychology of colour** and what it says about you. To find out more click [here](#).

By the way, red is the colour of strength, health and vitality!
If you would like to contribute a story to the July 2018 issue please send it to Deborah or Melanie by the 25th of July. The next issue will be released in the first week of August 2018. For August 2018 we will be compiling a special National Science Week issue. National Science Week is scheduled for 11 – 19 August 2018 start planning your celebration.

Until next issue.......