

# FACULTY OF SCIENCE RESEARCH BULLETIN

## ISSUE 23: AUGUST 2018

How will you  
science this  
National  
Science  
Week?



  
National  
Science  
Week  
11–19 AUG 2018  
scienceweek.net.au  
#scienceweek

Welcome to Issue 23 of the Faculty of Science Research Bulletin.

National Science Week is from 11 – 19 August, the week celebrates all the great things about science. As the Faculty of Science this is the time to applaud the excellent work being done at CSU. Information about organising a celebratory morning tea in your work area is included in this issue.

In this issue we celebrate National Science Week with stories on some of the community focused programs that take science to our local communities, including exercise programs for the ageing in Bathurst and STEM outreach for schools in the Wangaratta area. We also get to know Emily Thomas, who is researching how heat stress events impact pollination and flowering processes of walnut trees.

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 from the Faculty of Science Research News and Highlights page [here](#)

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## Welcome to our New Candidates



**Josephine Hale** - School of Animal and Veterinary Sciences, working with Kris Hughes and Raphael Labens. Josephine commenced this session full-time on the Wagga Wagga campus.

**Zahra Naqvi** - School of Animal and Veterinary Sciences, working with Michael Friend and Michael Campbell. Zahra transferred to CSU this session and will be studying full-time on the Wagga Wagga campus.

**Fabina Vincent** – School of Agricultural and Wine Sciences, working with Leigh Schmidtke, Suzy Rogiers and Soumi Mukhopadhyay. Fabina commenced this session full-time on the Wagga Wagga campus.

**Babu Nath** – School of Animal and Veterinary Sciences, working with Shane Raidal, Jade Forwood and Andrew Peters. Babu commenced this session full-time on the Wagga Wagga campus.

**Celia Connor** - School of Environmental Sciences, working with Peter Spooner and Andrew Hall. Celia commenced this session part-time on the Albury campus.

**Phenden Gyamtsho** - School of Environmental Sciences, working with Rosemary Black and Jen Bond. Phenden commenced this session full-time on the Albury campus.

**Sangay Wangchuk** - School of Environmental Sciences, working with Jen Bond, Max Finlayson and Rik Thwaites. Sangay commenced this session full-time on the Albury campus.



**Vincent Carroll** - School of Nursing, Midwifery and Indigenous Health, working with Rachel Rossiter and Marguerite Bramble. Vincent commenced this session part-time via distance.

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## Congratulations – Approved for Graduation

**Daniel Svozil**, thesis titled “Trait Divergence in river and reservoir populations of Australian smelt (*Retropinna semoni*)”

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## Getting to Know – Emily Thomas (HDR Candidate)



This month we get to know **Emily Thomas** who is currently completing a PhD in the School of Agricultural and Wine Sciences. Emily commenced at the start of 2017 under the supervision of Chris Steel, Bruno Holzapfel, Michael Lang and Jacquelyn Simpson.

### How did you come to be a PhD student as CSU?

While I was employed at the walnut industry there were a few years where heat waves occurred during flowering. These conditions substantially reduced yield in walnut orchards across the Riverina, Sunraysia and Goulburn Valley areas. I had so many questions about how this affected flowering and production regions as other countries do not appear to get such extreme conditions. Eventually I realised that perhaps I could find the answers the walnut industry is looking for! I always thought a PhD was terrifying but something I would consider providing the right opportunity, timing and topic came along. I was very lucky to receive a lot of support and encouragement from co-workers and management at Webster Ltd to pursue a PhD.

### What were you doing prior to starting at CSU?

I received my bachelor degree in horticultural science from the University of Sydney. After finishing my undergrad I was on the hunt for a ‘real’ job in the horticultural sector. It took a lot of hunting to find the job I was looking for. Eventually all my stars aligned and I took a position with Webster Ltd, the largest walnut producer in Australia. I worked with Webster Ltd as research officer for 3 years before starting my PhD.

### What is the focus of your PhD?

My PhD is focused on how heat stress events impact pollination and flowering processes of walnut trees in semi-arid growing regions of Australia.

### Who is funding your research?

My research is jointly funded by an Australian Government Research and Training Program and Webster Ltd scholarship.

### Why does this research interest you and why is it important?

Approximately 80% of Australia’s walnuts are produced in a semi-arid climatic. While fulfilling the arable land and water availability requirements for walnut production, temperature is marginal in these areas. Recently there are reports that non-pollination drop, a type of premature fruit drop caused by a lack of pollination/fertilisation, has increased in severity and frequency in these regions. During 2014-17, 10-30% of crop loss was associated with non-pollination drop, costing the Australian walnut industry \$5-20 million per year in lost revenue.

The incidence of non-pollination drop is correlated with extreme heat events. In semi-arid regions high temperature (>33°C) and low relative humidity (<10%) often occur during spring when the walnuts are flowering. Pollination and fertilisation phases during flowering are essential for plant reproduction and are very sensitive to stress. It is not known which components of walnut flowering i.e. pollen availability, pollen viability and female flower viability are

affected by these high heat events. It is important to understand the causes of non-pollination drop to develop targeted mitigation strategies and maximise walnut production in Australia.

### **What's your favourite meal?**

Fried chicken and waffles

### **If you could invite anyone to a dinner party who would you invite and why?**

J.K. Rowling – Like many others I grew up reading the Harry Potter books and I am still a huge fan of the series. Beside from fangirling, I admire the dedication it took to get the series published after so many publishers rejected the manuscript.

Heston Blumenthal –Providing I did not have to cook for him! Actually I'd rather go to one of his dinner parties, he comes up with such imaginative ways to present food.

Lisa-Ann Gershwin – Lisa-Ann is one of the world's foremost jellyfish biologists and she has discovered more than 200 species. I heard a little about her life and how she started her career researching the Irukandji jellyfish, she seems very passionate about her work and I think that I would enjoy talking with her.

*Thanks Emily for being interviewed.*

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## **Student Leader Values Award Recipient – Forough Ataollahi**



Congratulations to Forough Ataollahi, PhD student in the School of Animal and Veterinary Sciences who was recognised at the RED Awards Ceremony on Foundation Day for her commitment to living our university values; insightful, inclusive, impactful and inspiring.

Forough has worked tirelessly to help other International students and refugees to engage to be part of the wider community.

She has been the International Student Club President since 2016 arranging social events and information days for them.

Forough was elected as National Women's Officer in Council of International Students Australia (CISA) in 2017 to advocate for the needs and interest of female international students studying in Australia.

She is very involved with volunteer work with the Multicultural Council supporting the Culture Club.

Forough also volunteers at the Wagga Wagga City Library's Language Café where attendees have the opportunity to learn and practice English

Forough committed to assist a refugee family for 6 months through the St Vincent's de Paul's resettlement program. This has now blossomed into a friendship over the last 12 months with ongoing support

Congratulations Forough! You certainly are insightful, inclusive, impactful and inspiring!

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## **Writing-Up Awards Closing 3 August**

The Writing-Up Award round is about to close.

Applicants can access award details via the following pages:

[Writing-Up Award - HDR Students](#)

[Writing-Up Award Guidelines](#)

## [Writing-Up Award Application Form](#)

Applications for the round close on Friday 3 August 2018.

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## HDR Welcome & Induction – 14 August



A reminder that the next HDR Candidate Welcome and Induction session is happening on **Tuesday 14 August, 2018**. Please visit the [Professional Development Calendar](#) to register for this session. These sessions are highly recommended for new candidates commencing in 2018 and provide essential information about getting started.

Attending an induction session is also part of the probationary conditions for candidature.

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## Amplify Ignite 2018

Amplify Ignite is your opportunity to pitch your idea in 150 seconds to a live business audience with the chance to win funding for your research.

A total prize pool of \$26,000 includes \$5,000 for the overall winner, \$1,000 for the People's choice award, and \$1,000 for each finalist. There is also business mentoring and performance coaching from industry leaders for our final twenty exceptional PhD students.

- Applications open 31 July (close 31 August 2018)
- Mentoring & performance coaching 11-12 October in Sydney
- Pitch-night 14 November in Sydney
- Open to penultimate, final year or recently completed (within 6 months) PhD students

Head to the [Amplify website](#) for submissions and more information.

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## RESEARCH NEWS

### Active Living Longer Program – Dr Eevon Scott



Active Living Longer (ALLong) is a platform supporting long term active and healthy lifestyle. ALLong is led by **Dr Eevon Scott** who lectures in exercise science on CSU's Bathurst campus.

ALLong launched a community exercise program at the Charles Sturt University (CSU) gym in Bathurst in June 2018. Participants of this exercise program come together for a 55-min session where they are provided guidance and shown modifications to various exercises to suit their capabilities. Participants are also taught to use an automatic blood pressure monitor, and begin and end each session with a blood pressure measurement. Given that approximately 34% of the adult Australian population have hypertension, this blood pressure measurement serves as a well-being checkpoint before starting an exercise session.

Participants of the community exercise program are also invited to take part in research comprising physical, physiological, balance, and well-being measures. The measurements are chosen for simplicity of administration and portability of the equipment. To assess sub-maximal aerobic capacity, participants complete a 6-min walk test around a 30-m track. A suite of five balance and function tests measures static and dynamic balance, lower body strength, and mobility. Participants complete a self-administered survey assessing quality of life around sub-scales of control, autonomy, self-realisation, and pleasure.

Participants are invited to repeat the research measurements every six months, and they receive a copy of their results. This way, participants get to learn about their functional capacities, and helps them track their progress over time. By showing participants that they can still have positive responses to making lifestyle changes later in life, participating in the science can empower each person and motivate them to remain accountable to themselves as much as possible.

ALLong begins with an exercise based in CSU's Bathurst gym, but we are already planning to grow ALLong to include nutritional strategies for over 50s, interventions for mental wellbeing and cognitive health. Similarly, the research can be expanded to include other communities where CSU has a presence, and beyond.

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## Growing STEM Aspirations



We often hear about the need to raise aspirations in STEM, and this is at the heart of the award winning program based at the Wangaratta Regional Study Centre. To do this we have also had to figure out how to successfully engage in effective school and community engagement with limited time and resources.

WRSC is here to serve Victorian students, in a region with one of the lowest digital inclusions factors in Australia (<https://digitalinclusionindex.org.au>). The STEM "Inspirations" program (<http://bit.ly/2F3pPII>) works through collaborative partnerships to deliver workshops, events, forums, teacher PD and equipment to partner schools.

The program is evolutionary, agile and flexible, allowing expansion and growth and generating direct and indirect contributions to CSU. How this works can be seen in the Digital Technology Advisory Committee (DTAC) case study below

In 2016, we were approached by a local school teacher and a community agency (NETracks LLEN) wanting to arrange a science expo for the **'Drone, Droids and Robots' Science Week**.

The local TAFE got involved, and between us we arranged 25 exhibitors, a successful STEM Expo [STEM EXPO 2016 - Snap shot](#) with sessions for high schools (400 students came) and community (280 community members came). Bringing together like-minded people ignited a common passion for raising STEM aspirations, DTAC was formed [DTAC - About Us](#) and a Program Logic aided planning and evaluation [DTAC - Program Logic evaluation at the start of 2017](#). DTAC members also supported the purchase of a set of Google Expeditions Virtual Reality Headsets for schools to borrow, and accompanying Teacher PD.

In October 2016, DTAC applied for a Federal Digital Literacy Grant, unsuccessfully, but continued to plan. In December 2016, on the back of the STEM Expo, Wangaratta hosted the VEX Robotics National championships (<https://www.vexrobotics.com>) held for the first time outside a metro area. This was accompanied by a Robotics Teacher PD delivered by Education Advantage (<https://educadv.com.au>). From this conversations grew about the need for a digital tech conference in the Region, with regional schools and teachers all asking the same questions, and finding that heading to Melbourne for Teacher PD was too much of a drain on school resources. Thus the concept of a Teacher PD called "Digital Harvest" was born for 2017.

In 2017 Science Week saw the STEM Expo [STEM EXPO 2017 - Snap Shot](#) and later that week the Teacher PD <https://www.digitalharvest.it/>. Later in 2017 DTAC again held the VEX Nationals - this time 57 teams registered, with teams from Sydney, Canberra, Melb and 10 local teams! A local team won the Excellence award and headed off to the International Championships in Kentucky in 2018.

So by 2018, the growth over two years can be seen below.

## WANGARATTA DIGITAL TECHNOLOGY ASSOCIATION – DTAC WANGARATTA INC.

Galen Catholic College/ NE Tracks LLEN/ Charles Sturt University/ GOTAFE/ Education Advantage

2016	2017		2018		
STEM Expo Drones, Droids, Robots	STEM Expo Future Earth	VEX Robotics National Championships	Galen College VEX Robotics Team VEX Robotics 2018 World Championships – Won an award Kentucky USA/NASA visit		
VEX Robotics National Championships	Google Expeditions 30 sets for school/community use	Google Expeditions/ Teacher PD	STEM Expo Game Changers & Change Makers	DTAC Technology Resources Library Google expeditions / spheres / bloxels etc	Digital Harvest Conference Teacher PD
Coding PD	CSU Science/Robotics Activity Days	Digital Harvest Conference Teacher PD	Careers – Health / Food & Fibre / Hands On Trades	Girls in STEM Network	CSU Science/Robotics Activity Days
CSU Science/Robotics Activity Days	Planetarium, Telescopes & Solar Siblings	GOTAFE Fab Lab	GOTAFE Innovation Hub Micro-Manufacturing	CSU Coding Workshops Teacher PD	Solar Siblings and Telescopes for schools
Careers Days Food & Fibre/Health	Drone Pilot Training	Careers – Food & Fibre/Health/ Hands On Trades	<b>Wangaratta Digital Technology Hub</b> DTAC – Liaising with RDA/RDV/OM Reg Partnership/State Library A space found and \$300,000 in Victorian State budget in May 2018		

In 2018 local High School students raised \$30,000 to go to the International championships by holding Robotics events at everywhere in Wangaratta from swimming and shopping centres to aged care facilities, thereby exposing the community to robotics. At CSU we held two 2 Day Coding and Robotics Holiday Programs, where the VEX Robotics team mentored primary aged students (grade 5 and 6). We now have a Girls in STEM program, held a successful Girls in STEM Breakfast with 40 students and 30 Mentors! A follow up “Girls in STEM - World Cafe” was slightly more formal and hosted #SuperstarofSTEM Ambassador Dr Kate Grarock (<https://scienceandtechnologyaustralia.org.au/profile/dr-kate-grarock/>) .... and we approach the Annual STEM Expo and Digital Harvest Teacher PD.

There have been other spin offs and linkages too numerous to mention here, but all contributing to a program that is becoming sustainable in its own right, allowing CSU staff to spend more time on new initiatives and ventures. Of course, extra funding would have made life easier, but we think this shows what CSU can achieve through active engagement with the schools and communities in its regions.

If you have any questions please ask **Anne Geddis and Ilena Young**

- Email: [ilyoung@csu.edu.au](mailto:ilyoung@csu.edu.au)

[www.csu.edu.au](http://www.csu.edu.au)

[www.facebook.com/WangarattaRSC](https://www.facebook.com/WangarattaRSC)

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## FOS Participates in University bioQuest Competition



During April, FOS, and ILWS members, A/Prof Dale Nimmo, Dr James Turner, Dr James Van Dyke and Dr Maggie Watson, alongside ILWS PhD scholarship student Harry Moore and Karen Retra and Dr Damian Michael, competed in the QuestaGame University bioQuest.

QuestaGame is an app-based game that lets users all over the world win points by spotting, photographing and identifying wildlife. Submitting sightings also allows participating conservation partners, including The Wilderness Society, Invasive Species Council, Birdlife Australia, WWF and Ningaloo Coast World Heritage, to earn cash donations towards their work.

Information from sightings is collected and made publicly available through online databases such as the Atlas of Living Australia. The University bioQuest is a month-long challenge encouraging universities to enter teams and document as much life as possible with the noble incentives of collecting biodiversity data, raising money for conservation prizes for the most biodiverse campus and year-long bragging rights. Importantly, it has been a lot of fun!

The CSU team has been in the top ten throughout the competition in several categories; Top Spotters – Teams, Top Spotters – Universities, Correct Identifications – Top Teams and Top Identifiers.

After two weeks we had found more than 70 different species of bird, mammal, reptile, invertebrate and plant, the vast majority of which were on campus in the wetland and surrounding bush. Highlights have included a peregrine falcon, azure kingfisher, dive-bombing Australian hobbies, a wayward broad shelled turtle, a southern rainbow skink, marbled geckos, huge swift and bardi grub moths and Peron's tree frog. Of course, occasional sightings were made under desks of crickets, spiders and native cockroaches

Participating in the game has dragged us out of the office and into the fresh air and sunshine every day and has been a great way to appreciate the extensive biodiversity that we have here on campus.

Team registration was supported by a Grass roots grant from CSU Green, obtained by Professor Dave Watson.

*Written by Dr James M Turner – First published in Connections ILWS – Issue 50*

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## New Legal Research Manager



Please welcome Francesca (Fran) Leone to CSU. Fran is the new research legal manager. Francesca has most recently worked at AusTrade where she provided legal advice in relation to a host of legal areas including:

- commercial/corporate law,
- contract development and negotiation,
- property law,
- procurement (simple and complex),
- disputes resolution,
- employment law,
- ICT,
- Intellectual Property and data sharing,
- R&D and commercialisation,
- privacy and FOI.

Fran will be based in the CSU Canberra office. Fran can be contacted on [rschlegal@csu.edu.au](mailto:rschlegal@csu.edu.au) or via extension 26282.

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## Five Minute Research Pitch at CSU in October – Get ready!



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.

**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).

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 for groupings on the week of **15 October 2018**.

Group One – **Sciences and Health** – (Biological Sciences and Biotechnology; Health and Medical Sciences; Engineering, Mathematics and Informatics; and Physics, Chemistry and Earth Sciences)

Group Two – **Arts, Humanities & Social Sciences** – (Humanities and Creative Arts; Education, Social and Behavioural Sciences; Law; and Business, Commerce and Economics)

Registrations will open in the first week of September, but if you'd like information about the rules or eligibility, please contact your Faculty Research Liaison Officer, Deborah Munns – [dmunns@csu.edu.au](mailto:dmunns@csu.edu.au)

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## Research Tip – Predatory publishers



Can you recognise a **predatory** journal? Should you trust statements from the *Global Institute for Scientific Information*? Before publishing with any journal, you should check the information held by the Library [Where to publish: Avoiding Predatory or Deceptive Publishers](#). If in doubt talk to your friendly [Faculty Liaison Librarian](#)

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## National Science Week – Host a morning tea



National Science Week takes place from the 11<sup>th</sup> - 19<sup>th</sup> of August.

Faculty of Science staff are encouraged to host a 'Brain Break' morning tea in their area during the week to celebrate all things science.

There is also an opportunity to participate in a '*Brain Break Science Quiz*' during your morning tea – contact the Faculty Research Liaison Officer – [Deborah Munns](#) for a copy of the quiz questions.

If you are feeling especially creative: [Science baking inspiration](#) and [more](#)

[science baking inspiration](#)

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## FUNDING OPPORTUNITIES

### UDRH Conference Grants Available

Three Rivers University Department of Rural Health (UDRH) would like to support two HDR students in the field of rural health to attend the [Services for Australian Rural and Remote Allied Health \(SARRAH\) Conference](#) in Darwin on the 12-14 September.

The Grant will cover travel, accommodation, and conference registration costs, which will be arranged by Three Rivers UDRH. Funding will not cover meals or private expenses.

To apply the applicant must;

- write a one-page cover letter describing their research and outlining why attendance at the conference would be beneficial
- provide a short letter of endorsement from one of their HDR supervisors

Applications close 5.00pm Monday 6 August, 2018

For further information please see <http://science.csu.edu.au/UDRH/clinical-training-unit/scholarships-and-grants>

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## CSL Florey Next Generation Award 2018

The 2018 CSL Florey Next Generation Award will be conferred to a current PhD candidate who has demonstrated outstanding capability, creativity and potential in the biomedical sciences and/or health and medical research.

As well as the award trophy, the award currently carries a prize of \$20,000. Two runner-up prizes of \$2,500 will also be awarded.

Information on Selection and Eligibility Criteria and how to apply can be found [on this website](#).

Students and/or supervisors should provide all relevant information to the Faculty Sub Dean A/Prof Sandra Savocchia by **7 September 2018** as nominations must come from the Institution.

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## 2018 JDRF Travel Grants Now Open



JDRF provides grants of up to \$2,000 for domestic travel, and up to \$4,000 for international travel to **early-stage scientists, and allied health/nursing professionals**. The awards are designed to provide funding for travel to research institutions and / or scientific meetings, for the purpose of furthering the recipient's expertise in type 1 diabetes research.

Two categories of Travel Grants are available:

**Early Stage Scientist Travel Grants** for medical and science graduates who are undertaking type 1 diabetes research, and researchers in the early stage of their career (PhD students or not more than 5 years post-doctoral as of the current Travel Grant round deadline).

**Allied Health and Nursing Travel Grants** for allied health or nursing professionals, or students enrolled in a post graduate research program, whose research will impact on the lives of people with type 1 diabetes and their carers and families.

**Applications must be submitted by 5pm AEST Wednesday, 19th September 2018 (Internal deadline: 5 September 2017).**

[Visit the JDRF Travel Grants webpage](#). Should you have any questions please contact the Grants Administration Officer at [travelgrants@jdrf.org.au](mailto:travelgrants@jdrf.org.au) or call **(02) 9020 6139**.

## 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](#).

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## Translational Research Grant Scheme Round 4 – Now open

The Translational Research Grants Scheme funds research projects that will translate into better patient outcomes, health service delivery, and population health and wellbeing. The scheme provides grants to staff within NSW local health districts, specialty health networks, the Ambulance Service of NSW and NSW Health Pathology. Applicants may include medical staff, nursing staff, allied health professionals and population health practitioners.

- Expressions of interest due to Host Organisation **4 September 2018**
- Expressions of interest close **9 October 2018**

More information is available from the [NSW Health Translational Research Grant Scheme webpage](#)

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## Grant Guidelines for NHMRC's New Grant Schemes are Available



NHMRC is pleased to advise that the grant guidelines for the new Investigator, Synergy, Ideas and Clinical Trials and Cohort Studies Grant schemes are available on [GrantConnect](#) under forecast opportunities and can also be accessed via [NHMRC's website](#).

Investigator Grants will open for applications in December 2018 with Synergy, Ideas and CTCS Grants to follow in March 2019.

Peer review guidelines for the above schemes and their associated category descriptors will be available in due course.

To provide the sector with more information about the new grant program, fact sheets are available on [NHMRC's website](#).

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## Other Upcoming Grants

*\*\* Please note that all applications for external funding must be submitted to the CSU Research Office 10 working days prior to the granting bodies closing date with a completed Notice to Submit (NTS) form including all signatures*



### [Sugar Research Australia ECR/MCR Awards](#) – **Closes 31 August 2018** -

Two awards are made available every year to support innovative early-career researchers (ECR) and mid-career researchers (MCR) who may require initial results or a proof of concept prior to developing a larger project, and who want to expand their skills, and/or build highly valuable collaborations in pursuit of an innovative initiative.

Funding is typically \$10,000 to \$15,000 per award. Applicants must be no more than 15 years after completion of studies, currently employed, and demonstrate a commitment to the future of the Australian Sugarcane Industry.

[Harkness Fellowships in Health Care Policy and Practice](#) – **Closes 4 September 2018**– For mid-career health services researchers in Australia to spend up to 12 months in the United States.

[Stroke Foundation](#) – 2019 Research Grants – **Closes 7 September 2018** – The National Stroke Foundation Australia - Seed grants and full research grants.

[Academy of Science – Fellowships to India](#) – **Closes 12 September 2018**- The EMCR Fellowships provide support (up to A\$16,500) for Australian researchers to travel to India and work with leading researchers at major Indian science and technology organisations for a period of between 3 and 9 months.

[Rotary ARH Postdoctoral Fellowships](#) – **Closes 14 September 2018** -The specific aims of the Australian Rotary Health Postdoctoral Fellowship are:

- To develop and support an Australian Postdoctoral scientist with a strong commitment to research in mental health.
- To develop research capacity in the field of mental health.

[Wettenhall Environmental Trust](#) - **Opens 18 September 2018** (no set closing date –get the application in ASAP)

- We are looking for projects around: **flora and fauna conservation, threatened mammal conservation and landscape restoration and education (Victoria only)**. Academic applicants can apply for up to \$5,000. We don't fund pure research, you must be partnering with community partners.

[Australian Bladder Foundation Grants](#) - **Closes 3 September**

The Australian Bladder Foundation (ABF) has been established to promote the work of the Continence Foundation of Australia to build healthier communities. The aim is to raise vital funds to ensure the continued development of research to assist people with bladder and bowel dysfunction and incontinence in Australasia.

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## PROFESSIONAL DEVELOPMENT

### Cross Faculty Grant Writing Workshops



We are inviting research active staff in **all three Faculties** to indicate their interest in participating in a grant writing workshop. This is a call for three forms of participation.

#### Participants

Participants need to commit to the full 11-week program, and submit a maximum two-page **EOI by 12 noon Friday 10 August** (template available). All interested staff please forward your EOI to Kerry Madden, Faculty Research Liaison Officer via [fobjbs-rgs@csu.edu.au](mailto:fobjbs-rgs@csu.edu.au) EOIs should state your position, level (A to C), Faculty and membership of Research Centre (if applicable) and provide the draft title for the grant proposal you are currently developing, and a concise statement as to why you should be considered to be one of the participants for the 2018 program.

Note that only 5 participants from each Faculty can attend, to ensure that high quality feedback and training can be provided to meet the needs of each participant. Successful applicants' travel and accommodation costs for the face-to-face workshop will be fully met.

#### Mentors

Mentors are an important part of this 11-week program, and critical to its success. Ideally we'd like to allocate about 1-2 participants to a mentor, who will review the developing applications, giving constructive feedback either in writing, or verbally, or both. Mentors are likely to be Level C to E staff who have achieved external grant success more than once. Mentors are also invited to participate in the 11-week program as fully (or not) as they wish, including attending the face-to-face workshop. As with participants, mentors' costs of attending will be fully met. Staff who are interested in being a mentor should contact Kerry Madden, Faculty Research Liaison Officer via email [fobjbs-rgs@csu.edu.au](mailto:fobjbs-rgs@csu.edu.au)

#### Presenters

We are asking senior researchers to present on different components of how they achieved external grant success. Each presentation would be about 30 minutes, including question time.

We are excited by the opportunity to work collaboratively across our Faculties, but know that the success of the workshop will depend on the committed participation of our staff.

**For a copy of the program & EOI template please contact:** Kerry Madden, Faculty Research Liaison Officer for the Faculty of Business, Justice and Behavioural Sciences via email [fobjbs-rgs@csu.edu.au](mailto:fobjbs-rgs@csu.edu.au)

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### August Professional Development Extravaganza (more below too)

Each week in August the Research Office is offering some excellent PD Sessions and Speakers:

## 13th August 'Self-gardening' As a Researcher.

Dr Narelle Lemon is hosting



On the PhD journey we are asked to take many risks. Risks in the time required, the topic, contribution to the field, our relationships, working with a supervisor, how we communicate our research, planned submission date, writing, workload, and where we think we might be heading verses the reality of the contemporary higher education context.

The slippery slide is empowering but also full of pit holes and speed humps that create many moments of self-reflection and confronting moments about who we are, what we want to achieve, where we are heading and indeed what is important to us. Narelle will apply principles from positive psychology and mindfulness, to propose practical actions you can take: to increase awareness of these moments of risk, focus on your real priorities and sustain effective self-care.

Dr Narelle Lemon is Associate Professor of Education at Swinburne University, and Director of Explore & Create Co. She is also a Lecturer in the School of Education at CSU, and close to completing her thesis on digital literacies at home and at school, researching within a super-complexity paradigm.

**28th August 'Defeating Self Sabotage'** Hugh Kearns is hosting a session applicable to a very wide audience.

Do you find that despite your best efforts to 'work on your thesis' or get your research output going it just doesn't seem to be happening? Does there always seem to be something more urgent, interesting or important to do? Perhaps you are self-sabotaging. If you think you procrastinate, are a perfectionist, don't say no often enough, are disorganised or are always 'busy', this seminar will help you to understand why your thesis or research isn't getting done and what you can do about it.

This workshop will help you understand some of the key self-sabotaging behaviours and what you can do about them.

Hugh Kearns is recognised internationally as a public speaker, educator and researcher. He regularly lectures at universities across the world and has recently returned from lecture tours of the UK and the US which included lectures at Oxford, Cambridge, Harvard, Berkeley and Stanford. His areas of expertise include self-management, positive psychology, work-life balance, learning and creativity. In 2016 his presentation at CSU '7 secrets of highly successful research students' was enormously popular.

To register for these sessions, please see the PD calendar - <http://www.csu.edu.au/research/professional-development/program-calendar>

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## Creating Impact for Research through Social Media Engagement



Being held on **9th August**, this is a seminar that every researcher from any discipline must come along to if they want to maximise impact for their research. It will explain a unique strategy to generate impact through the creative use of social media by researchers. How to set up a social media network to create impact for research, how to identify and attract new users and how to include them as well as how to conduct your network to keep your users engaged with your research.

**Associate Professor Paul Willis** is the former Director of the Royal Institution of Australia, presenter on **ABC TV's Catalyst program**, palaeontologist and career science communicator. His life has centred around telling stories for science including a career in science communications where he has appeared on television across the country with the ABC, particularly the TV science program Catalyst. He is also currently an Adjunct Associate Professor in Palaeontology at Flinders University.

To register please see the PD calendar - <http://www.csu.edu.au/research/professional-development/program-calendar>

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## Are you a Ratbag Researcher?



We're excited that **Jonathan O'Donnell**, co-founder of the **Research Whisperer** blog and Senior Advisor, Research Development at RMIT, will be running an online session for CSU research staff and students, on the **21st of August**.

After decades of helping researchers to find funding, Jonathan has concluded that following the rules (about collaboration, engagement, funding) will not necessarily win you the game, and breaking them might not save your career, but that 'ratbag research' may be a path to save your sanity.

**Assoc Prof Jane Quinn**, Assoc Dean Research in the Faculty of Science, will be on hand in the role of 'voice of the academy', to balance Jonathan's dangerous ideas about how to be a ratbag researcher.

Here is the link to register or find out more: [https://connect.csu.edu.au/ratbag/event/event\\_info.html](https://connect.csu.edu.au/ratbag/event/event_info.html)

Questions are always welcome to Cassily Charles: [ccharles@csu.edu.au](mailto:ccharles@csu.edu.au)

To register please see the PD calendar - <http://www.csu.edu.au/research/professional-development/program-calendar>

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## Library Lines – Orchid and CRO

### *What is an ORCID profile?*

An ORCID profile is a good way to gather any existing profile information you may have in the one place. It can include your CRO profile, Scopus, Web of Science, Google Scholar and any other profiles that you may have created.

**ORCID ID**  
<https://orcid.org/0000-0003-2098-4759>

[Print view](#)

**Country**  
Australia

**Keywords**  
adaptive management, social-ecosystems, social learning, environmental management, social discourse

**Websites**  
[CSU Research Output \(CRO\)](#)  
[Personal homepage](#)  
[Google Scholar Profile](#)  
[School of Environmental Sciences](#)  
[Human Research Ethics Committee \(HREC\)](#)  
[Institute for Land, Water and Society](#)

**Other IDs**  
Scopus Author ID: 8902175100  
ResearcherID: F-7137-2014

When creating your ORCID profile add the information that you want to be discoverable, for example add a biography, information on your education, grants, funding and employment. Many of your publications can be harvested from other sites, including Researcher ID and Scopus Author ID, and you also have the option of entering your information manually.

### **Why have an ORCID profile?**

Your ORCID profile is a persistent digital identifier, it is unique to you. It can help make your work more discoverable and it can help with collaborations.

All researchers applying for funding are encouraged by the NHMRC and ARC to have an ORCID identifier.

ORCID does not provide citation metrics, but it will give you the option of adding links to profiles that do.

### **Want to know more, or get help to set one up?**

You can find out more information on [ORCID](#) on their website, or if you would like some help setting one up, contact one of your [Library Faculty Liaison team](#).

## CRO and ORCID

A benefit of having an ORCID profile and linking it to your CRO profile, is that anything that is added to your CRO profile will be added to your ORCID profile automatically.

There is a [How to](#) video that demonstrates how to link your ORCID profile, or you can chat to one of the [Library Faculty Liaison team](#).

So by having an ORCID profile and keeping your publications up to date in CRO, you are compiling a complete list of publications that are discoverable by peers, researchers and the public.

You can find out more information about CRO and ORCID and other researcher profiles in our [Researcher Profile](#) library guide.

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## Finally.....research proves that you should never smile at a crocodile



The Ig Nobel Prizes at Harvard University provide awards for achievements that first make people LAUGH then make them THINK. The 2018 prizes will be awarded on September 13.

Our favourite from 2017 was the Economic Prize which was awarded to Matthew Rockloff (Australia) and Nancy Greer (USA) for their experiments to see how contact with a live crocodile affects a person's willingness to gamble.

["Never Smile at a Crocodile: Betting on Electronic Gaming Machines is Intensified by Reptile-Induced Arousal,"](#) Matthew J. Rockloff and Nancy Greer, *Journal of Gambling Studies*, vol. 26, no. 4, December 2010, pp. 571-81.

This surely is only a problem in Queensland and the NT. But, remember to be aware around casinos in Cairns or Darwin.

For more fantastic improbable research go to the [Ig Noble Awards](#)

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### Next Issue:

If you would like to contribute a story to the September 2018 issue please send it to **Deborah or Melanie** by the **27th of August**. The next issue will be released in the first week of **September 2018**. In the meantime, have a great National Science Week.

Until next issue.....

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