Welcome to Issue 13 of the Faculty of Science Research Bulletin. Spring is on the way, and judging from the number of activities featured in this issue - FOS staff are springing up everywhere!

In this issue there is loads of information, including articles about the new Three Rivers University Department of Rural Health, we introduce John Xie and Alison Matthews and we get to know Linda Shields, Professor of Rural Health in the Faculty. There is also plenty of information about awards, recent travel and the many events taking place across CSU.

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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Congratulations - Approved for Graduation

Bronwen Ashcroft, thesis titled “A Whole New World” Facilitating Person-Centred Care: An Action Research Study

Katherine Freire, thesis titled “Cross-Generational Physical Activity: Exploring the Experiences of Primary School Aged Children and Their Parents.”

Rebecca Peisley, thesis titled “The Benefits and Costs of Bird Activity in Agroecosystems”

Saba Nabi, thesis titled “Participation of Women, Children & Elderly in the Clinical Trials during 2008-2013 in Australia: Implications for Risk-Sharing between Society and the Pharmaceutical Industry”

HDR and Honours Symposium – 10 & 11 August 2017

The Faculty of Science HDR and Honours Symposium was held in Wagga on the 10th and 11th of August. It was excellent to see so much variety in the research being conducted at CSU, from weight cutting implications for competition outcomes in mixed martial arts cage fighting to the impact of farm structure and management on gastrointestinal nematode prevalence in buffalo of Punjab, Pakistan to reconstructing past floodplain environments.

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

HDR Presentation Prize: Thomas Williams (School of Animal and Veterinary Sciences)

Honours Presentation Prize: Annie Stoddart (School of Animal and Veterinary Sciences)

Poster Presentation Prize: James Mwendwa (School of Agricultural and Wine Sciences)

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!

Pictured in the photos below are HDR Candidates Pierluigi Reveglia, Stephen Cork, and Thomas Williams (L-R).
Unconscious bias workshop

On 10th August 2017 the Faculty of Science held an interactive workshop on managing unconscious bias as part of the HDR & Honours symposium. The workshop was sponsored by the Association of Commonwealth Universities via a Gender Program Grant and delivered by Ms Nikki Roche (Human Resources CSU, Director BlueZenith). Members of CSU’s Athena SWAN Self-Assessment Team (Prof Tim Wess, Drs Sandra Savocchia, Chelsea Litchfield, Marta Hernandez-Jover, Alexandra Knight and Mr Craig Hinley) assisted in organising and facilitating the workshop (http://stemm.csu.edu.au/).

The workshop was presented to a diverse group of people including students and staff. Professor Tim Wess introduced the workshop and provided participants with background information on CSU’s Athena SWAN Gender Equity Charter and how we are working towards advancing diversity and inclusivity at CSU. Examining unconscious and conscious bias and the role it plays in decision making is a key to better understanding why diversity remains a ‘work in progress’. There has been a concerted effort over decades to establish fair and equitable workplaces where diversity and tolerance is ‘the norm’. However, despite these efforts progress in removing the barriers that limit opportunities for identified diversity groups remains largely elusive. It’s time for a new approach.
Ms Roche facilitated an interactive session highlighting how unconscious bias impacts our everyday lives and how this translates to decisions we make in the workplace. She proceeded to discuss the science of unconscious bias, how our brains are hardwired to make unconscious decisions, how biases are formed and how they are necessary for our survival. New ideas and frameworks to support change and improve diversity outcomes that we can apply to our work and personal lives were discussed. Participants also had the opportunity to undertake a number of Implicit Association Tests in advance of the workshop of which the results were voluntarily discussed. Overall the workshop generated much stimulating discussion and highlighted the importance of addressing unconscious bias from an organisational perspective.

Please provide feedback

It would be much appreciated if you could please complete this short survey to assist us to improve the Symposium for future years.

Writing Up Awards - Congratulations

Writing-Up Awards for Higher Degree by Research (HDR) Students are designed to assist them 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 HDR students at CSU. This year the round was very competitive with many high quality applications being received.

Congratulations to the following students who are the lucky recipients of the $10,000 tax exempt scholarship to support the preparation of research outputs which are based on their submitted thesis.

- Dominik Skoneczny
- Shubhagata Das
- Jess Schoeman

Changes to Higher Degree by Research Policy

Please note that the new Higher Degree by Research Policy, approved by Academic Senate in July, is now in effect. You can access the new policy here on the CSU Policy Library website. The single policy is now accompanied by 3 schedules, which can be accessed here.

This policy incorporates, and thus replaces, four old HDR policies relating to: Enrolment and Progress; Examinable Works and Examination; Examinable Works (Presentation of Printed Components); and Supervision.

Of particular interest to candidates and supervisors is:
1. the removal of the requirement to submit printed and bound theses for examination and graduation – these now only need to be provided in electronic form;
2. Research Doctorates and Masters by Research will now require three external examiners - previously Masters by Research degrees only had two examiners.

A list of the major changes in the policy is provided in the table below.

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<tr>
<td>Throughout Policy</td>
<td>The terms written and non-written thesis have been removed from the policy. The single term “thesis” is now used for all HDR courses and specific details of different formats are included in Higher Degree by Research Policy - Schedule 3 Requirements for Thesis. By standardising thesis terms this removes any perception of differential worth.</td>
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<tr>
<td>Clause 43</td>
<td>Restrict additional subjects to probationary period only. These subjects are usually included to up skill students for their studies. It is important they are completed early in their studies to provide those skills to underpin their research. Completion by probation also ensures the courses do not distract the students from their research during the later more intensive period of their HDR.</td>
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<tr>
<td>Clause 52</td>
<td>Removed from Termination of Candidature that a candidate may be reinstated with or without conditions by the Research Committee. Termination is undertaken after extensive discussion with the Faculty. If the student has a legitimate complaint they can take this through the University appeals process.</td>
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<tr>
<td>Clause 72</td>
<td>Inserted new policy for clarification on how to proceed if a student wishes to submit their thesis against the wishes of their supervisory team. There was no formal procedure previously.</td>
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<td>Clause 74</td>
<td>On-Site Bodies of works clause redrafted to provide clarification on the procedure.</td>
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<tr>
<td>Clause 79</td>
<td>Both Research Doctorates and Masters by Research will now require three external examiners. Previously Masters by Research degrees only had two examiners.</td>
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<tr>
<td>Clause 96</td>
<td>Clause inserted to allow the University to terminate candidature if insufficient progress is being made in respect to responding to examiners’ reports.</td>
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<tr>
<td>Clauses 98c. &amp; 100</td>
<td>Included a formal recognition of the role of the Examination Committee in the Examination process.</td>
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The next HDR Candidate Welcome and Induction session will take place on Thursday 12 October, 2017. Please visit the Professional Development Calendar to register for this session. These sessions should be a priority for new candidates commencing in session 2, 2017 as they provide essential information about getting started.

Attending an induction session is part of the probationary conditions for candidature so if you haven’t completed it yet please register now.

ALLaN Bootcamps for Research Writers in September & October

Friday, 29th of September - 9am-5pm
Tuesday, 24th of October - 9am-5pm

These bootcamps are full days of focussed work on your own goals (writing, editing, planning, reading, data analysis, etc.). You can expect more productivity than usual, working alongside other people in a friendly group. We adhere to a strict schedule of uninterrupted working blocks, with regular short breaks. (Pomodoro technique)

You can participate either online in Adobe Connect, or if you are in Wagga Wagga you can join us in person. No need to register, but if you would like a calendar invitation for one or more of these bootcamps, including the schedule for the day and links to join online and enter your goals, email Cassily Charles, ALLaN Coordinator (Postgrad) - ccharles@csu.edu.au

Bootcamps are provided for higher degree research candidates, but all staff and students are warmly welcome, as always. Questions? ccharles@csu.edu.au

Welcome - Dr Alison Matthews, Manager, Research Professional Development.

The FOS is very much looking forward to Alison joining us with her extensive experience in paper and grant writing as well as student supervision. A key part of Alison’s role will be to engage strongly with researchers and research support staff across the University to ensure we can develop a Research Professional Development Program that caters to the diverse needs of our research population.

Welcome - Dr John Xie, Statistics Support Officer (QCU)

The Qualitative Consulting Unit (QCU) is pleased to announce that John Xie has now commenced in his full time position of Statistician. John’s statistical analysis skills/knowledge include (but not limited to) applications of probability theory; statistical data analysis (e.g., regression analysis (OLM, GLM, GAM, and mixed effect models), variance analysis, model selection, forecasting using regression models or time series models, survival analysis, etc.) using data analysis software such as Excel, SPSS, R, Matlab, OpenBUGS; risk analysis or Monte Carlo simulation analysis using @Risk; machine learning data analysis using Bayesian Network models (with software Netica or GeNi).

Some of the services the QCU can provide are:

- General statistical consultancy.
- Experimental and survey design.
• Planning experiments – Sample size, Power Analysis etc.
• Analysis – advice, support and completion of analysis.
• Workshops for people looking to enhance their statistical processing skills.

Research Honours, Masters and PhD students are offered a free initial consultation to provide a kick-start to their research to ensure that they embark on a path that will lead to successful completion of their research.

For more information see the QCU homepage.

Linda Shields - Professor of Rural Health - Faculty of Science

How long have you been at CSU?

Just over 2 years

What drew you to CSU?

Location, location, location (Bathurst)

Where did you work at prior to CSU?

James Cook University and Townsville Hospital and Health Service, Professor of Tropical Health Nursing and Director of the Tropical Health Research Unit

What are your research/teaching specialities?

Care of children in health services, especially family-centred care and children living in rural and remote areas

History and ethics, including the role of nurses in the Nazi era in Europe.

What drew you to your research/teaching specialities?

I have always been a paediatric nurse and am concerned about two main things – 1. how children who are ill or have conditions that have an effect on their health are supported by their families and the impact this has on the way care is delivered and their health outcomes, and 2. How access to health care for them is influenced by living in rural areas.

All of my research involves a team of people who come from different disciplines, e.g. nursing, medicine, environmental sciences, chemistry, epidemiology, sociology, statisticians, librarians, allied health professionals, IT experts, historians, philosophers, librarians and many others.

Are you currently working on any research projects?

Yes many. Some are about equity of access to health care for children and their families, others about how care is delivered. I often use a questionnaire I developed to measure how people find working with children and their parents and this has been (or is being) used in many countries, e.g. different states of Australia, the UK, USA, Turkey, Brazil, Indonesia, Thailand, Portugal and others.

My history research covers nurses in World War One, as well as nurses who worked in the so-called “euthanasia” programmes of Nazi Germany, where many nurses actively and voluntarily killed their patients who were considered “life unworthy of life”.

Another research project at present is investigating how much waste from hospitals goes into landfill (a very scary heaps) and to try to find a more environmentally friendly way of disposing of it safely.

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

Children from any country deserve the very best health care we can provide for them, no matter who they are and where they live. At present, a model called “family-centred care” is used as a way to deliver care in children’s hospitals.
around the world. My research questions if it is the most effective way to do this, and asks if it is ethical to promote a model for which little evidence of effectiveness exists.

Unless nursing as a profession understands its history, it will not progress as a profession, and stands in danger of repeating previous mistakes. An example of how my research into nurses in the Third Reich is relevant today is the involvement of nurses in executions in the US, whose rationale for being involved sounds concerningly similar to the reasons given by the nurses in Nazi Germany who killed their patients. In Australia, nurses in recent history worked in centres where children from the Stolen Generation were cared for.

Who is funding your research?

This is such a difficult issue. Bodies like the NHMRC will give millions to studies whose results will take many years to bring to fruition to be able to be used safely on humans, but will not give funding for the sort of research I do. The work done by many nurses in research produces outcomes that will improve the experience for people accessing health care, and whose effectiveness can be proven within a year, and so are immediately translatable to practice and application. However, research like this is overlooked by the big funders. So I keep applying for research funding from just about wherever I think I might have a chance!

What do you do away from CSU?

Be looked after by my wonderful husband of 45 years, Allan; spoil our two dogs rotten; exercise in the swimming pool daily, watch every ballet I can get to, play our extensive record collection, read books of any kind that happen to have words on a page and listen to ABC Classic FM continuously.

Thanks Linda for taking the time to be interviewed.

Three Rivers UDRH

The Three Rivers University Department of Rural Health (UDRH) is a new entity that is being led by Charles Sturt University and located in the Faculty of Science. University Departments of Rural Health are funded by the Commonwealth Government to build the capacity for training and retaining health professionals in rural locations.

The Three Rivers UDRH has a geographical footprint that maps to the Statistical Areas (SA3) of Dubbo, Orange, Lachlan Valley, Wagga Wagga, Griffith, Albury and Tumut Tumbarumba. The scope of work of the UDRH is to conduct programs and research that relate to improving the health of rural people. The programs of work aim to increase the number of rural origin students studying health degrees, increase the opportunities for students to have placement experiences in rural locations, improve the access and success for Indigenous students in health courses and enhance the preparedness of students for rural practice. The UDRH is developing a research plan that will aim to increase the capacity for rural health research and to conduct research in identified priority areas. Part of the research plan will be the inclusion of strategies to involve CSU and partner staff in research initiatives. The development of the research plan will include consultation with key stakeholders.

The current funding period of the UDRH is until the end of 2018. We welcome any queries from staff about Three Rivers either via our email ThreeRiversUDRH@csu.edu.au or via the Interim Director Megan Smith mesmith@csu.edu.au.

John Rae – Reports on his visit to Copenhagen

I recently had the pleasure of attending the 33rd colloquium of the European Group for Organizational Studies (EGOS) in Copenhagen. EGOS aims to further the theoretical and empirical advancement of knowledge about organisations.
The theme of this year’s colloquium was, provocatively: ‘The good organisation’. Over 2,000 attendees worked in 69 streams, each with a different focus. My own stream examined the theoretical standpoints or paradigms available to organisational scholars and paid special attention to paradigm diversity, which some claimed to be the mark of a ‘good’ organisation. The majority of papers made the case for multi-paradigmatic research and illustrated how, for example, the functionalist paradigm can work productively alongside, say, the interpretive paradigm in a single research project. For a Faculty like ours, which includes many disciplines and draws from a variety of research paradigms, this may be a point worth reflecting on.

My contribution to the colloquium was a report on an arts-based study of mine. I used this to argue that arts-making, being prestructural, helps researchers to escape paradigmatic structures – or strictures – in their quest for generating new knowledge about organisations.

What did I think about my first visit to Copenhagen? Brilliant. It’s all about peddle power; there are now more bicycles on Copenhagen roads than motor vehicles!

I am grateful to the Faculty of Science for assisting me in attending the colloquium.

Awards and Acknowledgements

James Charles – 2017 National NAIDOC Scholar of the Year Award

Congratulations to Dr James Charles, an academic at CSU in the School of Community Health based in Albury, who was recently presented with the 2017 National NAIDOC Scholar of the Year Award.

James is a podiatry lecturer who is researching how the foot structure of Aboriginal people contributes to the poor foot health outcomes among Aboriginal communities.

Maree Bernoth and Denise Winkler

Several FOS staff have chapters in Bernoth & Winkler (2017) Healthy Ageing & Aged Care, Great news! The text has been nominated and short-listed for the 2017 Educational Publishing Awards, under ‘Student Resource’.

The awards will be announced on 20th September. More information can be found on the Educational Publishing Awards website.

Collaborative Team Awarded WHRN Conference Best Abstract Award

A team from the Paramedic discipline (Sandy MacQuarrie and Samantha Sheridan), along with School of Exercise’s Dr. Jayden Hunter, and Kirsty Smith and Janelle Thomas travelled to Orange for the Western NSW Health Region Network Research Conference in mid-August.

The team presented on the research CSU is conducting with NSW Ambulance (who co-presented with us) on the Medic Fit fitness program. There was a lot of interest in the oral presentation and the abstract won the Best Abstract award.
Dr Bing Wang – Most Valuable Presentation Award

Congratulations to Dr Bing Wang who was awarded the Most Valuable Presentation Award for the presentation entitled Molecular Determinants of Milk Lactoferrin as a Bioactive Compound in Early Neurodevelopment and Cognition, 12th International Symposium on Milk Genomics and Human Health.

Bing was also issued with the award for Most Enthusiastic at the FASEB Origins and Benefits of Biologically Active Components in Human Milk in July 2017.

Shokoofeh Shamsi - Science and Art Collide to explore parasites and health

Associate Professor Shamsi, from Charles Sturt University's (CSU) School of Animal and Veterinary Sciences, and member of the Council of the Australian Society for Parasitology has been involved in bringing the painting Gula Guri mayin to the Wagga Wagga City Library.

The painting by Indigenous artist Bernard Lee Singleton explores themes of parasites and health is on loan from the Australian Society for Parasitology.

Gula Guri mayin means ‘Heal the body’ and the work is an interpretation of parasitic lifecycle giving the message that people live in a world of the parasite, not the other way around. The painting gives an overview of eight parasites that affect people in Australia including *strongyloides stercoralis* (roundworm), *Pediculus humanus capitis* (head louse) and *Hymenolepis nana* (Dwarf Tapeworm). The Gula Guri mayin project was funded through the Australian Government's Inspiring Australia initiative.

"I hope the exhibition will encourage people to learn more about parasites and how they are transmitted to people and cause disease. It's also an opportunity to engage the community in science in a different way, through art." Professor Shamsi said.

Above: Associate Professor Shokoofeh Shamsi and Wagga Wagga City Library Team Leader Programs, Promotions and Partnerships Ms Christine Bolton with the painting Gula Guri mayin. Source: Graham Centre News

Ensure Your Research Outputs Are Counted

The Research Office is preparing for the Excellence in Research for Australia (ERA) and Engagement and Impact (EI) 2018 submissions. It is critical that all eligible research outputs are included in these programs.

All research outputs published between 2011 – 2016, must be recorded in the CRO repository (https://researchoutput.csu.edu.au/) by Friday the 15th September, complete with ERA relevant information such as Field of Research (FoR) codes and their percentage assignments. Researchers are also asked to check personal FoR codes and percentages in CRO, and to notify the Research Office of any sensitive outputs.

To assist researchers in this process, the Research Office will be sending individual emails to all ERA eligible researchers that includes a current list of outputs, FoRs and apportionments in CRO.

If you need assistance with the process of checking or entering your research outputs, or advising of sensitive material, consult the instructional pages contained in the email, or contact the Research Outputs Team at rmpublications@csu.edu.au
5RP Competition Open for Registration

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 (21 November).

CSU internal institutional finals for groupings on the week of 9 October 2017.

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)

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 2016 or 2017, and will be judged against the six criteria detailed in part six of the guidelines.

If you’d like more information about the rules or eligibility, please contact your Faculty Research Liaison Officer Deborah Munns – dmunns@csu.edu.au

Updated Library Research Support page

The Library have just made the Research page on the Library site live! It has more links now so it will be easier to find research related services. The Faculty Librarian Liaison Team have been working on this for the last month or so especially in response to the focus group work they did and the InSync survey results. There was feedback in the focus groups particularly mentioning the usefulness of providing information around the research cycle. Thanks to Sarah Beltrame for the image.

The direct link is http://library.csu.edu.au/research

Your ORCID profile: It’s potential for measuring your impact and engagement

Did you know that adding your ORCiD link to your published papers has the potential to help you find details of social media engagement with your papers?

Publishers like Wiley, Taylor and Francis, are asking for your ORCID to include with your article when you submit these online. Once published in Taylor and Francis for example, your ORCiD appears as a badge next to your name on the first page of your published article. When viewed as an Interactive PDF, your ORCiD badge in that paper can link the reader to your ORCID profile.

During 2016, publishers, including Springer Nature and Cambridge University Press, started integrating ORCID in their books systems.

The ORCiD link also has the potential to have information gathered by various altmetric applications, including PlumX, about the social media use, citation or downloads.

The Scopus and EBSCO databases currently provide PlumX Metrics. Researchers will also see PlumX metrics displayed in CRO profiles.

You can use this information as evidence of research or social engagement with your research output.
More information is available in the Library Research Impact guide, also the Researcher Profile guide, and the ORCiD site.

Contact a Faculty Liaison Librarian if you need support in getting your ORCiD to work with your CRO profile.

Upcoming Library Training

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<tr>
<td>11th Sep 2017</td>
<td>Integration of Endnote &amp; NVivo</td>
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<td>13th Sep 2017</td>
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CSU Green Sustainability Grants

The CSU Green Sustainability Research Grant Program, now in its fourth year, for research-related projects consists of a funding pool of $40,000 per annum to support all CSU research staff from any discipline. Applicants can apply for a maximum of $10,000 per project.

CSU Sustainability Research Grant project funding is a competitive internal grants program. It is intended to support CSU staff from any discipline who have identified projects that either further the University’s commitments towards sustainability, yet are not amenable to future internal or external grant applications, or those that will act as pilot studies and present a strong likelihood of converting into larger projects attracting additional internal and external grants, and publishable outcomes. All projects must align with the CSU Research Narrative.

The guidelines and application documents can be accessed from the CSU Green website at: www.csu.edu.au/csugreen/grants.

Please call Ed Maher, CSU Green Manager to discuss your ideas. The closing date is Thursday 12 October 2017.
Funding & Award Opportunities

** Please note that the internal closing date is 10 days prior to the external closing date.

****ARC Intent to Submit forms will be released in mid-September

**Women in STEM – Travel Grants**
Our Travel Grants provide travel funding for successful applicants to enrich their area of study or academic work on a trip-of-a-lifetime, wherever their professional interests take them.

If you are female, employed by an Australian university or a research organisation, or you are a PHD student with a STEM related focus - we want you to apply for the Campus Travel and Virgin Australia 2017 Travel Grant.

The Travel Grant includes $5,000 worth of airfares to be spent on Virgin Australia airfares and $1,000 for accommodation, transportation, tours or other travel arrangements*.


**Lindau Nobel Laureates Meetings – Now Open**
The Science and Industry Endowment Fund- Australian Academy of Science Fellowships to the 68th Lindau Nobel Laureate Meeting from the field of physiology or medicine are now open. The successful candidates will receive a grant-in-aid from the Academy up to AUD6750 (GST exclusive) towards the cost of an international airfare and accommodation.

All successful candidates are expected to attend the full program of events of the 68th Lindau Nobel Laureates Meeting. Delegates will need to arrive in Lindau before the opening ceremony on Sunday 24 June 2018 and depart after the close of the program on Friday 29 June 2018. Delegates will then have the opportunity to take part in a 3-day site visit tour of relevant laboratories and businesses in Germany, concluding on the morning of July 5 2018. The tour is also funded by the Science and Industry Endowment Fund.

Closes 3 October 2017

For more information: [Lindau Nobel Laureates Meetings](http://www.campustravel.com.au/about/initiatives/stem-travel-grant)

**The Australia – Indonesia Centre** - Tactical Research Project funding - A total budget of $180,000 is available with an expectation that between 4-6 projects will be funded. Consideration will be given to projects that request AIC Health Cluster funding between $20,000-$80,000 AUD.

Call Closes: 11.59pm Sunday 10 September 2017
Successful applicant announcement: Week of 18 September 2017
Project commencement and agreements signed: No later than Friday 6 October 2017

More information: [The Australia-Indonesia Centre](http://www.campustravel.com.au/about/initiatives/stem-travel-grant)

**Wettenhall Environmental Trust** - November 2017 – opens 19th September 2017

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 an 'on ground' group and be able to show it.


**2018 Science and Innovation Awards for Young People in Agriculture, Fisheries and Forestry**
Applications are now open for the People aged 18-35 can apply for a grant of up to $22,000 to fund your project on an innovative or emerging scientific issue that will benefit Australia’s primary industries. There are 11 categories: cotton; dairy; established, new and emerging rural industries; fisheries and aquaculture; grains; health and biosecurity; meat and livestock; pork; red meat processing; viticulture and oenology and wool. Winners of the industry category are then invited to apply for the Minister for Agriculture and Water Resources’ Award, which provides additional funding for an extended research project. For more information email scienceawards@agriculture.gov.au or phone 02 6272 2303.
Closes October 13
The Scopus Researcher of the Year Awards 2017

Entries and nominations for the Scopus Researcher of The Year Awards 2017 are now open. Could this be your winning year?

The Scopus Researcher Awards are part of an Elsevier global initiative to support researchers, with the intention of supporting researchers in their quest to advance the frontiers of science across a broad range of disciplines.

This year, we are launching new award categories to recognise and encourage outstanding researchers in Australia and New Zealand who have made significant contributions in their areas of research.

The Awards for 2017 will be presented the following categories:

**Award Categories**
1) Excellence in Innovative Research Award
2) Excellence in Sustainability Research Award
3) Women in Research Award

Learn more on the [website](#). Entries close 7 pm AEST Friday 22nd September 2017.

Wine Australia – Travel and Visiting Scholar Bursary

Wine Australia is inviting applications for its travel and visiting scholar bursaries, for travel commencing between 1 January and 30 June 2018. Applications must be lodged through Wine Australia’s online project management tool [CIMS](#). Wine Australia travel and visiting scholar bursary applications close 6 October.

If you have not used CIMS before, please contact us at [applications@wineaustralia.com](mailto:applications@wineaustralia.com) for a username, password and how-to guide.

ARC Harry Windsor Research Grants Scheme 2018

The Australian Respiratory Council is seeking to award up to three one year research grants of approximately $50,000 each in 2018. Grants will be for projects that address research in tuberculosis (TB), respiratory diseases due to other infections or respiratory diseases related to tobacco use.


AgriFutures Australia (Previously RIRDC)


NHMRC Webinar recording, slides and transcript are now available

The slides, transcript and recording of the NHMRC’s webinar on the new grant program (18 August) are now available online.

For more information: Any questions about the changes should be directed to your Administering Institution’s Research Administration Officer (RAO) in the first instance.

If they cannot provide the information you require, please contact NHMRC’s research help centre at [help@nhmrc.gov.au](mailto:help@nhmrc.gov.au)
Research Roadshow – Winners

Thank you to everyone who attended the Research Office Roadshow in Orange, Bathurst, Albury, Canberra and Wagga.

The winners of the Research Knowledge Quiz, taking home a goodie bag of CSU and ResearchProfessional items were:

- **Uba Nwose** (Biomedical Sciences) in Orange,
- **Tegan Kasteltein** (Exercise Science, Sport and Health) in Bathurst,
- **Jen Bond** (Environmental Sciences) in Albury,
- **Andrew Cameron** (Theology) in Canberra and
- **Meredith Ferry** (Animal and Veterinary Sciences) in Wagga Wagga.

The joint winners of the researcher slide show, as voted by attendees at the roadshow, were **Dan Aubin** (Communication and Creative Industries) and **Anthony Saliba** (Psychology). Dan and Anthony jointly received the most votes for the slide that best introduced the researcher and their research interests. Congratulations Dan and Anthony.

The full slideshow, comprising of over 150 slides can be found at: [90 day folder S:\Common\ Temp Folder Less Than 90 Days\RESEARCH SLIDESHOW](#)

The slides have already been effective in starting conversations between researchers in different schools. It is also worth taking a look at the slides to get an idea of the breadth of research being undertaken at CSU.

The slides will be used at other events, so please send a slide/or modify your existing one please send it to: dmunns@csu.edu.au

Faculty of Science Ethics Committee

The next meeting of the Faculty of Science Ethics Committee will be held on **12 October**, with the agenda closing on **2 October**. Please send your applications, and all correspondence to FOS-FHEC@csu.edu.au

The Faculty Human Ethics Committee considers Low Risk Ethics Applications. If your ethics application is not low risk, you must submit it to the [University Human Research Ethics Committee](#).

The Professional Development Calendar – Updated for 2017

The Professional Development calendar has recently been updated to the end of 2017 and some great sessions have been included.

Check it out here - [http://student.csu.edu.au/research/professional-development](http://student.csu.edu.au/research/professional-development)
National Science Week Videos

Four videos displaying the great work being done by CSU researchers were made by the CSU Social Media Team to be broadcast on various social media platforms during National Science Week (12 – 20 August). Each of the four videos received over 1K views on Face Book alone.

The You Tube links to each video are below:

Dr Jayden Hunter (SESSH) - Workplace Exercise Programs - https://youtu.be/FlzP7eNmHTg

Dr Mark Greco (SDHS) - Using CT scanners to investigate bees' brains - https://youtu.be/qUbkk8ZvZYE

Esther Callcott PhD Student (SAWS) - Could coloured rice help the fight against obesity? -https://youtu.be/-o6QdRCau1g

Dr Randi Rotne (SAVS) Helping companion animals through research - https://www.youtube.com/watch?v=jMDutaRkvu4

Thanks to Jayden, Esther, Mark and Randi for agreeing to be videoed.

National Science Week Morning Teas

National Science Week (12 – 20 August) was celebrated in Bathurst and Wagga with morning teas.

The Bathurst morning tea featured many sweet science themed goodies. Ecology, astronomy, eyeball and heart cupcakes were served along with an E-coli themed cake and a very educational water cycle cake.

The morning teas were a great way to celebrate the great work being done at CSU but also catch up with colleagues during a busy period of work.

Please join in the fun next year & celebrate the great work being done in FOS.

Finally......have you ever wondered what moon dust smells like?

Lunar dust is as fine as flour, yet extremely rough. Thanks to this texture and the Moon’s low gravity, it clings absolutely everywhere.

NASA has experienced numerous problems caused by moon dust. It has eroded astronauts’ boots almost completely through and sandpapered their visors. It has travelled inside the ships with the space suits and caused “moon hay fever” in the poor astronauts that have inhaled it.

And in case you were wondering, moon dust smells like spent gunpowder (who knew?).

Next Issue:
If you would like to contribute a story to the next issue please submit it to Deborah or Melanie by the 25th of September. The next issue will be released in the first week of October.

Until next issue.......