

# FACULTY OF SCIENCE RESEARCH BULLETIN



## ISSUE 5: DECEMBER 2016

Welcome to the December issue of the Faculty of Science's Research and Graduate Studies Bulletin, where we outline all things research and science related!

The bulletin is produced the first week of every month and profiles all aspects of research being undertaken within the Faculty of Science. This bulletin outlines current opportunities for both staff and students including professional development, research tools and news about great achievements.

The bulletin is emailed every month to all staff and HDR candidates in the Faculty of Science. 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](#)

### In this month's bulletin:

#### HDR NEWS

- [Attention students – March census date](#)
- [Last Chance – Progress Reports](#)
- [Welcome to our New Candidates](#)
- [Approved for Graduation](#)
- [Higher Degree Scholarships & Some Changes](#)
- [ADRF Student Grant Recipient – Simon Basha](#)
- [Indigenous Student Scholarships](#)
- [AINSE 2017 Scholarships](#)
- [Writing Bootcamps](#)
- 

#### RESEARCH NEWS

- [Seed Grants - Outcome](#)
- [Leverage Funding Reminder](#)
- [Healthy Ageing & Aged Care – Multidisciplinary Approach](#)
- [Faculty Research Liaison Team at the Forum](#)
- [Faculty of Science Ethics – NEW WEBPAGE](#)
- [FOS Researchers Successful in CSU Green Grants](#)
- [Research Outputs to MyResearch - Closed](#)
- [CSU Joins the Conversation](#)

- [ARC Linkage Grants – Roll over to 2017 rules](#)
- [Looking for a research grant?](#)
- [Cancer Institute Grants](#)
- [Grant Schemes Opening Soon](#)
- [Wangaratta Regional Study Centre – Industry Honours Partnership](#)
- [And finally we all love Santa.....don't we?](#)

## Attention students submitting on or before March census date



In order to avoid delays in the examination process please ensure examiners are finalised up to two months before the thesis is submitted. Although candidates should not know who their final examiners will be they should initiate a discussion with their supervisors early on to identify researchers with expertise in the field who could provide a fair and balanced assessment of the work. Candidates are also encouraged to state who they would not want as an examiner, for example where they are known to have strongly opposing views, methodologies and/or practices.

The Principal Supervisor is then asked to contact potential examiners and complete the [Notification of Readiness to Submit Thesis & Appointment of Examiners form](#) and forward to the Sub Dean Dr Sandra Savocchia for review.

For any questions regarding the process please contact Melanie Snell – [msnell@csu.edu.au](mailto:msnell@csu.edu.au)

[Back to top](#)

## Last chance to complete progress reports

HURRY!  
HURRY!  
HURRY!

A reminder that the current progress reporting round is due to close very soon, if you have not completed this **please do so immediately**. For more information about progress reporting and for the link to the link to My Research please visit the [RO website](#).

The CSU scholarship round advertised in the last issue has now closed.

Best of luck to all of those who applied.

[Back to top](#)

## Welcome to our New Candidates



**Pingyang Zhu** – School of Agricultural and Wine Science, working with Geoff Gurr and Anantanarayanan Raman. Pingyang commenced this session full-time on the Orange campus.

**Matthew O'Connell** – School of Environmental Science, working with Paul Humphries, Richard Kopf and Nicole McCasker. Matthew commenced this session full-time on the Albury Campus.

Please make these new candidates welcome.

[Back to top](#)

## Congratulations - Approved for Graduation



Congratulations to the following students who have recently been approved for graduation:

- ❖ **Jenny Cox**, thesis titled “Australian Nursing Students' Infection Control Knowledge and Perceptions: Exploring the Role of Microbiology Education and Clinical Placement Experiences”
- ❖ **Chaka Chirozva**, thesis titled “Community Engagement in the Governance of Transfrontier Conservation Areas: An Analysis of the Implementation of Sengwe Tshipise Wilderness Corridor, Zimbabwe”
- ❖ **Tegan Kastelein**, thesis titled “The effects of tobacco smoking and exercise on cerebro-vascular responses and systemic inflammation: The influence of smoking status and history”
- ❖ **Razia Shaik**, thesis titled “A Comparative Analysis on Biology, Morphology, Taxonomic Identity and Genetic Diversity of Camel Melon (*Citrullus Lanatus*) and Prickly Paddy Melon (*Cucumis Myriocarpus*) in Australia”
- ❖ **Luisa Perez-Mujica**, thesis titled “Development of a sustainability assessment tool in context of social-ecological systems using system simulation and participatory modelling : The case of the Winton Wetlands, Victoria, Australia.”
- ❖ **Helen Waite**, thesis titled “Proteomic and Growth Responses of Grapevine Shoots to Heat Stress and Nursery Practices in the Propagation Context”
- ❖ **Sosheel Godfrey**, thesis titled “Milk Value Chain Analysis: Industry Competitiveness and Dairy Policy Environment in Pakistan”
- ❖ **Kare Mahmud**, thesis titled “Factors Influencing Diurnal and Seasonal Fine Root Growth”
- ❖ **Rebecca Wilson**, thesis titled “The Assessment and Alleviation of Adverse Stimuli in Pigs”
- ❖ **Sebastian De Mattia**, thesis titled “Comparative transcriptomics of the model fungal entomopathogen *Metarhizium anisopliae* during pathogenesis”
- ❖ **Yogesh Khandokar**, thesis titled “Structural and biochemical characterisation of the thioesterases from pathogenic bacteria”

[Back to top](#)

## Research Higher Degree Scholarships and Recent Changes

Our 2016 research higher degree scholarship round for applicants aiming to commence in 2017 closed on the 31st October. Outcomes should be known around mid- December.

The Commonwealth recently announced new rule changes concerning block grant funding of research training. The Research Office is currently considering how these changes can be best suited to meet the needs of CSU's HDR applicants. The aim is to ensure we can support the students who will perform best within our applied and profession-focussed research areas. They will also be assessing if the funding rules will enable us to expand our support of international students where we have a strong demand but currently limited capacity.

[Back to top](#)

### ADRF Student Grant Recipient – Mr Simon Basha



Congratulations to Mr Simon Basha, a dental student based in Orange, who has been awarded an 'Australian Dental Research Foundation' student research grant for his project '*Does lack of matriptase affect lymph node mast cell acculation after chronic exposure to UV radiation?*'. Simon received \$2200 to assist with his project. Simon is supervised by Dr Nur Mohammad Monsur Hassan.

[Back to Top](#)

## Commonwealth Indigenous Student Scholarships

The Commonwealth Department of Prime Minister & Cabinet is changing the way Universities will be provided funding for Indigenous programs and this includes Indigenous Commonwealth Scholarships. The good news is that from 1 January 2017 Indigenous Scholarships will be available to postgraduate students!

Scholarships funded under ISSP, are to be classified into three broad types:

- Indigenous Commonwealth Education Costs Scholarships which assist with education costs for students enrolled and studying in enabling, undergraduate, honours and postgraduate awards;
- Indigenous Commonwealth Accommodation Scholarships which assist with relocation and accommodation costs for students enrolled in enabling, undergraduate, honours and postgraduate awards and;
- Indigenous Commonwealth Reward Scholarships which are defined by the following characteristics:
  - The payment of a lump sum unlikely to be repeated;
  - The scholarship/reward/prize could not be reasonably have been expected to be received or necessarily anticipated; and
  - The payment does not represent receipt of money for services rendered directly or indirectly.

The Office for Students at CSU will be working to determine the name/description, amount and duration of such scholarships ready to implement next year.

CSU Scholarships Website in the Student portal: <http://student.csu.edu.au/finances/scholarships-grants>

The **Indigenous Student Support Program** (there will be a name change next year) formerly ITAS tutorial program will also allow post-graduate students to access tutoring one-on-one next year. There will be some changes, students can keep tabs in the Indigenous student portal: <http://indigenous.csu.edu.au/> or can email [issp@csu.edu.au](mailto:issp@csu.edu.au) if students have any questions.

[Back to top](#)

## AINSE 2017 Honours, Masters or PhD Projects and Scholarships



The Australian Institute of Nuclear Science and Engineering (AINSE) is offering scholarships and potential projects for collaboration with ANSTO. Please refer to the website if you would like further information <http://www.ainse.edu.au/>

Please contact, the CSU representative for AINSE, Dr Julia Howitt, School of Agricultural & Wine Sciences. Phone: 6933 2546 if you need any further information.

## Writing Bootcamps – Open to ALL



All research writers, including doctoral researchers and any other staff or students who would like to join us, are invited to get **a burst of progress on your writing in the holiday months.**

**December** - Last minute pop-up bootcamp on Thursday the 15th of December - online or face-to-face in Bathurst

**January** - Thursday the 19th of January - online or f2f in Wagga

If you would like a calendar invitation for either of these, with the schedule, locations and links, email Cassily Charles - [ccharles@csu.edu.au](mailto:ccharles@csu.edu.au) [Back to top](#)

## Faculty Seed Grants – Outcomes



Thirty-five high quality applications for the compact funded seed grants were received in late September. The review panel selected eleven projects to be funded in this round.

The successful projects had the following qualities:

- Externally focused projects with clear outcomes,
- Understandable project design,
- Clear itemised budget, which aligned with the project,
- Innovative (new ) project, and
- Realistic project and outcomes.

Congratulations to the eleven successful recipients and best wishes with your research.

[Back to top](#)

## Leverage Funding - Reminder



The Faculty can support leverage funding on **NEW** external grant applications. This scheme is designed to provide cash-for-cash support for high quality external research funding applications. The funding is aimed to be a sweetener to the external funding body. Researchers should submit a request via email to [Gayle Smythe](#) at least **2 weeks prior to the internal Research Office closing date** for the external funding scheme.

The request should provide a brief project overview, external funding body, expected outcomes, alignment with the CSU Research Narrative, draft budget information including the proposed dollar amount of Faculty leverage commitment that you are requesting and what the leveraging will be utilised for during your project.

[Back to Top](#)

## Healthy Ageing and Aged Care – Multidisciplinary Approach

Two CSU academics, *Associate Professor Maree Bernoth*, from the School of Nursing, Midwifery and Indigenous Health, and *Dr Denise Winkler* have recently compiled a new text book on healthy ageing which is based on interviews with aged people and their carers across Australia and New Zealand.

The book takes an inter-disciplinary approach to supporting older people to age within the community and in care. The book is based on interviews with people who are ageing, health professionals who work with and support aged people and the families of these people. It includes many real life case studies in the text which are accompanied by videos and audio recordings which enable the complexities of ageing to become clearer.

Contributing authors included academics and practitioners from Australia and New Zealand from a range of fields. Other Faculty of Science staff who contributed to the book are: *Faye McMillan* (SNMIH), *Rylee A. Dionigi* (SESSH), *Alison Henry* (SNMIH), *Kristy Robson* (SCH), *Carmel Davies* (SNMIH) and *Robyn McMillan* (SNMIH).



OXFORD

[Back to top](#)

[Back to top](#)

## Faculty Liaison Team at Science Forum

The FoS Research Faculty Liaison team, Melanie Snell and Deborah Munns, along with their team leader, Nick Morgan, were thrilled to participate in the Faculty of Science Forum in Wagga last week. It was great to put faces to names and answer the many questions we received.



*The Faculty Liaison Team at the Science Forum in Wagga Wagga, 1 December. (L – R) Nick Morgan, Melanie Snell and Deborah Munns.*

The winner of the Galileo thermometer in our 'drop in and chat competition' was **Dr Nur Hassan** from the School of Dentistry and Health Sciences, Orange. Congratulations Nur.


[Back to Top](#)

## Faculty of Science Ethics – New Webpage

The Faculty of Science Low Risk Ethics Committee has a new webpage which gives information specifically about the processes for the FOS Low Risk Human Ethics Committee.

<https://science.csu.edu.au/faculty-research/faculty-human-ethics-committee/human-research-ethics-committees-and-processes>



Search here... 

### FACULTY OF SCIENCE

#### PAGE MENU

- Faculty Home >
- Courses in Science >
- Schools in Science >
- Enterprises >
- Research >**
  - News and Highlights
  - Supervisors and Students
  - Staff and Contacts
  - Research Centres
  - Seminars, Workshops and Research Professional Development
  - **Research Ethics Information**
    - Human Research Ethics Committees and Processes
    - Animal Care and Ethics Committees and Processes
  - Infrastructure and Resources
  - Research Policies and Procedures
- Naish >
- Staff and Contacts >

## Human Research Ethics Committees and Processes

### Levels of Risk and Ethics Committees

CSU has a two tiered system to review Human ethics applications. The Faculty of Science Low Risk Human Ethics Committee considers Ethics Applications that are of low risk (the only foreseeable risk is one of discomfort) (National Statement 2.1.6).

**High risk** - This is defined as any research that can cause severe harm to a participant psychologically, physically, socially, economically, cause legal harm or decrease a person's self worth (NS 2.1).

**Low risk** - This is defined as where the only foreseeable risk is one of discomfort (NS 2.1.6). Under the National Statement, Low risk applications may be considered by the Faculty of Science Human Ethics Committee.

- > **STEP 1: Determining the level of your ethics application**
- > **STEP 2: Submission process for Faculty of Science (Low Risk) Human Ethics Committee**
- > **STEP 3: Approval Process**
- > **STEP 4: Managing Approved Projects**
- > **Meeting Dates and Contacts Details**

The committee will be in recess during January 2017 with the next meeting scheduled for February.

Submission Deadline	Meeting Date
Thursday 2 February	Thursday 9 February

## FOS Researchers Successful in CSU Green Grants

Congratulations to the following Faculty of Science researchers who were success in obtaining a CSU Sustainability Research Seed Grant from CSU Green:



- **Dale Nimmo** (SES) – the project - *Optimal design of regional cities to conserve biodiversity.*
- **Ann Lazarsfeld-Jensen** (SBMS) – for the project - *Exploring the narratives of the Anthropocene*
- **Linda Shields** (SNM&IH) – for the project - *A new and safe method of disposal of hospital waste: preliminary investigation of the contents of waste from surgery*

We look forward to hearing more about these three interesting projects in 2017.

## Research Outputs to MyResearch – Closed

Due to the forthcoming change in repository and upgrade to the MyResearch system, direct submissions of research outputs to MyResearch are now closed. All research outputs must now be submitted via one of the online forms located at the following page:

<http://www.csu.edu.au/research/performance/cro/submit>

Research outputs submitted via the forms will be managed by the Research Outputs team who will ensure they are correctly recorded and transferred to the new systems. You will still be able to log in to MyResearch to view your outputs, however you will not be able to edit existing records; therefore all record change requests and enquiries regarding online form submissions need to be directed to the Research Outputs team at [rmpublications@csu.edu.au](mailto:rmpublications@csu.edu.au). We appreciate your cooperation in ensuring a smooth transition between systems and continuity of business processes.

[Back to Top](#)

## CSU Joins the Conversation



CSU is now an official member of the independent news and opinion news site [The Conversation](#).

Monthly readership of The Conversation is 3.3 million users onsite, with a reach of 35 million through creative commons republication. News media also frequently use The Conversation as a source of ideas and talent.

Reported benefits that academics receive from publishing on The Conversation are not just in media engagement, but also include conference invitations, research collaboration, book publications, invitations to submit to journals and more.

In order to become a contributor to The Conversation, the first step is to register as an author - <https://theconversation.com/become-an-author>. The Conversation's author guide will help with the process but if you need more guidance, please contact Emily Malone, CSU Media on [emalone@csu.edu.au](mailto:emalone@csu.edu.au).

Once registered, you are able to pitch ideas for articles and stories direct to The Conversation for consideration. Anything you contribute as an author to The Conversation you have final approval over before publication under your name.

A fact sheet for CSU contributors has been developed and is available [here](#).

[Back to top](#)

## ARC Linkage Grants– Roll Over to 2017 Rules

Although Linkage Project grants are now offered on a continuous basis a new 2017 form must be used for all applications submitted after 22 December 2016.

Linkage Projects Proposals for funding commencing in 2017 will be able to be submitted on the LP17 Proposal Form in RMS from January 2017. These proposals will be under the *Funding Rules for schemes under the Linkage Program (2016 edition)*. Please check the Funding Rules as there have been some changes.

[Back to top](#)

## Looking for a Research Grant?



Don't forget the great resource we have in [ResearchProfessional](#).

The Faculty Liaison Team is working with the library on a strategy to help find sources of funding for specific discipline areas. A pilot project will be run with SDHS in the early part of 2017.

In the meantime you are the one that knows your research best, and are the best person to run searches on RP. You can also set up alerts to let you know when new grants come up.

Please contact [Deborah Munns](#) if you need assistance with searching Research Professional

[Back to Top](#)

## The Cancer Institute NSW 2017 Competitive Grants – Open January

The first three competitive grant schemes available for funding are:

### Research Equipment Grants (REG) – funding to start in 2017

These grants provide funds for key research platforms, core equipment and capacities to enhance the cancer research effort in NSW. These grants will support capability development and greater levels of collaboration across the cancer research sector. Research Equipment Grants are open to members of the [Translational Cancer Research Centres](#).

<b>Application Opening Date</b>	19 January 2017
<b>Application Closing Date</b>	9 March 2017

### Early Career Fellowship (ECF) – funding to start in 2018

Three year full time fellowships to provide salary and project support to encourage the very best researchers (up to five years post doc) to choose cancer research as their career and to continue independent research that is nationally and internationally competitive (max \$200,000 per annum).

<b>Application Opening Date</b>	19 January 2017
<b>Application Closing Date</b>	6 April 2017



## Career Development Fellowship (CDF) – funding to start in 2018

Three year full time fellowships to provide salary and project support to encourage the very best researchers (up to 10 years post doc) to continue independent cancer research that is nationally and internationally competitive (max \$200,000 per annum).

<b>Application Opening Date</b>	19 January 2017
<b>Application Closing Date</b>	6 April 2017

Applications for these grant schemes must be submitted through the Cancer Institute NSW Grants Management System (GMS) at <https://grants.cancerinstitute.org.au/Account/SignIn?SignIn=True&returnUrl=%2F>.

Please direct all queries relating to the Cancer Institute NSW 2017 Competitive Grants Calendar to [grants@cancerinstitute.org.au](mailto:grants@cancerinstitute.org.au).

[Back to top](#)

## Grant Schemes Opening December and January

**The Norman Wettenhall Foundation Small Environmental Grant Scheme** – Opens 20 December 2017 <http://nwf.org.au/grants/small-environmental-grants/>

**The Building Better Regions Fund (BBRF)** – Opens 18 January 2017  
<https://www.business.gov.au/assistance/building-better-regions-fund>

### Citizen Science Grants

The grants are a competitive element of the Inspiring Australia – Science Engagement Programme. It aims to provide opportunities for the public to engage in science by participating in scientific research projects. These projects must include the collection or transformation of data. The Australian Government will provide \$4 million of funding from 2016-17 to 2019-20 (\$1 million each year).

The minimum grant amount available is \$50,000.

The maximum grant amount available is \$500,000.

**NSW Genomics Collaborative Grants** – Opens December – Closes 6 March 2017

The NSW Ministry of Health invites application for its genomics collaborative grants. These provide researchers the opportunity to undertake genomic research on existing biospecimens collected from 45 and Up Study participants as part of another study, or new biospecimens to be collected from 45 and Up Study participants where specimen collection is funded by another body. This funding round will target clinical, biomedical and population health projects where whole-genome sequencing is likely to contribute significantly to understand the problem.

<http://www.health.nsw.gov.au/ohmr/Pages/genomics-grant-apps.aspx>

[Back to top](#)

## Wangaratta Regional Study Centre – First Industry Honours Partnership

The Wangaratta Regional Study Centre (WRSC) will welcome their first honours student in 2017. Serryn Tacey, who will be undertaking an honours project in physiotherapy at North East Health Wangaratta. Serryn who is studying at CSU in Thurgoona, was successful in receiving a WRSC Honours Grant. Serryn will be provided with work - study space at the Wangaratta Study Centre and \$500 to contribute to project costs.

Serryn's project aims to investigate whether pre-operative physiotherapy education can reduce the rate of post-operative pulmonary complications, such as pneumonia, following major abdominal surgery. The project would be supervised by CSU Physiotherapy staff Kristen Andrews and Isabel Paton, together with Brooke Winzer, the Chief

Physiotherapist at North East Health Wangaratta. The North East Health Wangaratta will be an industry partner in the project, but also the site at which the intervention on which the project is based will be conducted.

This project is an example of the opportunities available in the North East region of Victoria.

[Back to top](#)

## And finally, we all love Santa ..... don't we?



Want more:

[http://photos.ellen.warnerbros.com/galleries/bad\\_santa\\_photos#281873](http://photos.ellen.warnerbros.com/galleries/bad_santa_photos#281873)

[Back to top](#)

**Next Issue:** If you would like to contribute a story to the next issue please submit it to **Deborah or Melanie** by the **20<sup>th</sup> of January**. The next issue will be released in the first week of **February**.

Until next issue.....**have a wonderful summer break.**

**Assoc Prof Gayle Smythe**  
Associate Dean Research  
[gsmythe@csu.edu.au](mailto:gsmythe@csu.edu.au)

**Dr Sandra Savocchia**  
Sub-Dean Graduate Studies  
[ssavocchia@csu.edu.au](mailto:ssavocchia@csu.edu.au)

**Deborah Munns**  
Research Liaison Officer  
[dmunns@csu.edu.au](mailto:dmunns@csu.edu.au)

**Melanie Snell**  
Graduate Studies Liaison Officer  
[msnell@csu.edu.au](mailto:msnell@csu.edu.au)