

# FACULTY OF SCIENCE RESEARCH BULLETIN

## ISSUE 7: MARCH 2017

Welcome to Issue 7 of the Faculty of Science Research Bulletin. This issue is full of news about the many activities taking place in the Faculty of Science, including successful grant recipients, recent publications and travel. This issue also features information about many professional development opportunities for both HDR candidates and staff.

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



**James Lee** – School of Biomedical Science, working with Chris Blanchard, Patrice Castignolles and Marion Gaborieau. James will commence this session full-time via distance education.

**Doaa Hanafy** – School of Biomedical Science, working with Rodney Hill and Paul Prenzler. Doaa will commence this session full-time on the Wagga campus.

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## Congratulations - Approved for Graduation



**Parul Srivastava**, thesis titled “Structural and Biochemical Characterisation of GCN5-Related N-acetyltransferases from Staphylococcus Aureus”

**Margaret Adams**, thesis titled “Industrial Health Care: Not Remotely Relevant”

**Xiaoying Liu**, thesis titled “Applying a Transdisciplinary Approach to Improve the Understanding of Current and Future States of Inland Ephemeral Wetlands: An Australian Case Study”

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## Supervisors: Lunch Time Session on Giving Feedback Students' Writing



A lunch time session is coming up in March for research supervisors - to share practical tips for giving your research students feedback on their writing, and address some problems which supervisors frequently observe.

**Monday, 20th March, 12:30 to 2pm** Facilitators: Prof Sue Dockett and Cassily Charles

To register, or for more information about the content and facilitators use the [event link](#).

Questions are welcome: [ccharles@csu.edu.au](mailto:ccharles@csu.edu.au)

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## Students at Maximum Candidature

**HURRY!  
HURRY!  
HURRY!**

A quick reminder for all students that have a maximum enrolment session of 201660, you **must** submit your thesis for examination on or before **Friday 24 March 2017** or apply for an extension of candidature by no later than **Wednesday 1 March, 2017**.

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

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

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## The Basics of Thesis Structure Workshop



By popular demand (and because there were so many people with lots of discussion), Cassily Charles will be running an extra 'Part 2' session of The Basics of Thesis Structure.

It will be on **Thursday, 9th of March, 12pm to 1:30 pm**, online in Adobe Connect.

To register and find out more click here:

[https://connect.csu.edu.au/thesisstructpart2/event/event\\_info.html](https://connect.csu.edu.au/thesisstructpart2/event/event_info.html)

Once you've registered, you'll receive an automatic email with a calendar item and a reminder the day before the event. Questions always welcome: [ccharles@csu.edu.au](mailto:ccharles@csu.edu.au)

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## Australia Awards – 2018 Scholarships for International Students

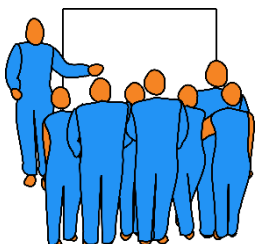
Australia Awards Scholarships managed by the Department of Foreign Affairs and Trade contribute to the long-term objectives of developing countries to promote growth and stability. They equip recipients with the skills and knowledge to drive change and contribute to the economic and social development of their own countries.

Australia Awards Scholarships provide opportunities for full-time undergraduate or postgraduate study at Australian institutions. They are awarded each year to citizens of *participating countries from Asia, the Pacific, Middle East and Africa*. Award recipients are required to return home for two years after they have completed their studies, so they can contribute to the development of their country.

Applications close 30 April 2017. Please refer to the [Australia Awards website](#) for more information

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## Ignite Rapid Pitch Night - \$5000 first prize



Ignite is inviting applications from Australia's brightest PhD researchers, innovators and inventors to pitch their ideas against their peers to win a \$5000 First Prize. Finalists have just 150 seconds to convey the essence of your entire PhD thesis into an easily understood and entertaining pitch to a panel of esteemed judges. Beyond the judging panel you'll be pitching to the hearts and minds of a live business audience brimming with potential seed-funders and collaborators.

Beyond the cash incentives, the program offers the opportunity to work with mentors, media and performance/communication coaches to develop their presentation, media and entrepreneurial skills. The training equips them with lifelong tools to further their career beyond the event.

This event will be held on **6<sup>th</sup> June 2017** in Sydney and applications are now open. For more information please contact your [Graduate Studies Liaison Officer](#).

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## Library Training for Research Staff and Higher Degree Students



The Research Office professional development calendar is out now! So get a head start with your training by joining one of the Library's online training sessions designed for Staff, Researchers and Higher Degree students.

Coming up in March:

14th Mar 2017	<a href="#">EndNote Master Class</a>	All CSU researchers, including HDR Candidates and research support staff members
16th Mar 2017	<a href="#">Finding Australian Content</a>	All CSU researchers, including HDR Candidates and research support staff members
22nd Mar 2017	<a href="#">Presenting Research Metrics for Grants and Promotion</a>	All CSU researchers, including HDR Candidates and research support staff members

Click on the link to register for the individual sessions, or visit the Library's [Induction and training](#) page for more sessions and information.

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## CSU Explorations Series Lecture - Ecologist and Environmental Photographer



CSU Orange Campus are pleased to announce the first Explorations Series lecture for the year will be presented by Ms Alison Pouliot

*Thursday 9th March 2017* at 6pm with light refreshments to follow.  
Charles Sturt University, Building 1004, Room 120, Leeds Parade Orange NSW

Alison, an ecologist and environmental photographer, will present on a fascinating topic: ***"Between sex and death - Unearthing Australia's charismatic fungi"***.

Alison works and lives between Australia and Europe and is especially interested in less known lifeforms, particularly the fungal and the spineless.

This public lecture is open to all staff, students and the wider community.

### Venue / Address:

Charles Sturt University, Building 1004, Room 120, Leeds Parade Orange NSW

Contact Phone: (02) 6365 7500

Contact Email: [Ms Margot Drake, Regional Relations Assistant](#)

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## Successful Grant Recipients

Congratulations to the following researchers who have recently been awarded funding for their research projects:



**Associate Professor Catherine Allan**, School of Environmental Sciences and **Dr Richard Culas**, School of Agriculture and Wine Sciences, are part of a multi-disciplinary team who recently received funding for a CSU lead project in Pakistan. The *Australian Centre for International Agricultural Research (ACAIR)* has provided **\$2m funding** for the team to work on the project titled *'Improving groundwater management to enhance agriculture and farming livelihoods in Pakistan'*.

The CSU team will work with 13 partner institutions on a range of water-related issues. The project will be managed by the Institute for Land, Water and Society (ILWS). More information about the project is available in the February issue of the ILWS newsletter - [Connections](#).

**Assoc. Prof Maree Bernoth, Ms Lyn Croxon, Dr Judith Anderson & Dr Eileen Petrie**, of the School of Nursing, Midwifery and Indigenous Health, were awarded a **\$93,000 research grant** from the *NSW Department of Family and Community Services Liveable Communities Grants*. The grant is to develop resources that promote people living in residential aged care as partners in the education of health care workers studying at vocational and tertiary levels.

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## Dr Ann Lazarsfeld-Jensen – SSP at London School of Economics

The opportunity to participate in the London School of Economic's visiting scholar program provided a rich experience for Dr Ann Lazarsfeld-Jensen, of the School of Biomedical Sciences, when she visited on SSP at the end of 2016.

"The LSE has an open door to scholars enabling us to work with some of the most brilliant minds in academia," she said. "Once Professor Adam Kuper agreed to act as my mentor, it took about 18 months to make it happen" Ann said.

The Faculty of Science provided financial support for Ann's Michaelmas Term placement, subsidised by her own research consultancy and personal funds.

Ann is an ethnographic researcher whose latest study of the life of ethnographer Brenda Seligman, converged with Professor Kuper's recent work on her husband, Dr Charles Gabriel Seligman. The Seligmans are part of the pre-history of the discipline of anthropology, although their contribution in mentoring and funding the great names is often overlooked. Professor Kuper is a field leader in social anthropology, theorist and the author of more than a dozen books



Ann's main purpose was to access the LSE archives in its space-age library that rises up five floors above the ancient Clare Market site. The Women's Library, a collection of early feminist and suffragette history and the works of leading female authors and academics, is also housed in the LSE library and Ann also made use of it to scope future projects.

"I had previously worked in the archives of Cambridge University, which were always open and the boxes were often uncatalogued and very dusty. At the LSE the library hours are very short, highly controlled, and very high tech. I still came home with a thousand digital images to trawl through," she said.

Ann was appointed a fellow of the School of Anthropology to extend her research into Brenda Seligman's work as mentor to the "father" of anthropology Bronislaw Malinowski. She has been researching forgotten female academics

for the past five years, and she has published papers on women – many of them from a single Jewish family - who influenced great men in the 20<sup>th</sup> Century such as Einstein and Wittgenstein. She is now writing a book about these women.

If you would like more information about Ann's time at the London School of Economics please email her on [ajensen@csu.edu.au](mailto:ajensen@csu.edu.au)

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## **Andrea Crampton: Implementing and Investigating Distributed Leadership**

*Implementing and investigating distributed leadership in a national university network – SaMnet: Journal of Higher Education Policy and Management: Vol 39, No 2*

Congratulations to Dr Andrea Crampton who recently had the above journal article published in the Journal of Higher Education Policy and Management. The publication stems from a large 3 year OLT grant.

Andrea reports that 'Important lessons were learnt about constructive cross institutional collaboration and mentoring. The key lesson learnt was that with a little of support and encouragement from people one step away gave many people just the lift they needed to go venture into new areas or in some case take on higher opportunities.' (Andrea mentored projects at a Canberra university and WA university)

The other lesson, cross institutional collaborations where everyone is centred on mentoring others and advancing the effective teaching of disciplines they care about, can produce lasting networks and peer support structures for the team members long after the project finishes.

If you want to read more the [article is on-line](#).

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## **Change to National Ethics Form**

The National Ethics Application Form (NEAF) has recently been replaced with the Human Research Ethics Application (HREA) Form, and can be accessed via <https://hrea.gov.au/>. Both forms are currently available on the National Health and Medical Research Council (NHMRC) website. The NEAF will be decommissioned on 30 June 2017.

Researchers have some flexibility in choosing when to move to the new HREA Form as the Charles Sturt University Human Research Ethics Committee and Faculty Human Ethics Committees will continue to accept the NEAF up to and including the April 2017 meetings.

HREA Form resources such as the 'Getting Started Guide' and 'How to Guide' are available on the HREA website.

Please continue to use the 'Low Risk Review Checklist' to determine which Ethics Committee to submit your application.

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## Visiting Scholars – Leave Enough Time for Visa Approvals



Did you know that it can take up to **3 months for visas for visiting scholars to be approved**? HR would like to remind everyone to leave enough time to ensure all visa applications are processed.

For more information about visas and applications please contact the Faculty Ops Team:  
[FOS-Ops-Admin@csu.edu.au](mailto:FOS-Ops-Admin@csu.edu.au)

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## Submission of Research Outputs for 2016 – 31 March 2017 Deadline



The Research Outputs Collection (ROC) is essential to inform CSU's research planning and support mechanisms.

Submission of 2016 outputs needs to be made by no later than **Friday 31 March 2017**.

### The output categories included for the ROC are:

A1: Books - authored research (5 points)

B1: Book Chapter (1 point)

C1: Journal Articles - refereed article in a scholarly journal (1 point)

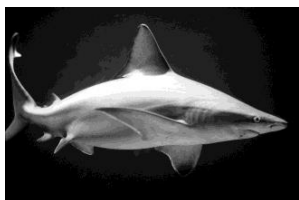
E1: Conference Publications - full written paper refereed (1 point)

J10: Creative works (points sliding scale from 0.25 - 5)

R: Research report (points sliding scale from 1 – 5)

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## What to do without Beall's list of Predatory Publishers?



With the very recent loss of the online Beall's List of Predatory Publishers, the library Faculty Liaison Team are happy to take inquiries and assist with identifying possible predatory or deceptive publishers.

For more information about the Library Faculty Liaison team and support offered see our [contact details](#).

<https://www.csu.edu.au/division/library/contacts-help/faculty-liaison>

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## L'Oreal-UNESCO for Women in Science Fellowships

In 2017, the program has increased the number of Australian Fellowships to four. Applications for the four Australian and one New Zealand \$25,000 Fellowships opened on Monday 20th February 2017. The Fellowships are for any researcher with five years or less post-doctoral experience.

More information is available from the [L'Oreal website](#). Applications close **3 April 2017**.

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## Australian Academy of Science Awards – Now Open

The Academy's honorific awards are open to **senior scientists as well as early- and mid-career researchers** who are making amazing contributions to Australian science across a range of disciplines in the physical and biological sciences.

The closing date for award nominations is **20 April 2017**. <https://www.science.org.au/opportunities/recognition>

For enquiries please [email the Awards Team](#) or call [+61 2 6201 9407](#).

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## 2017 Australian Museum Eureka Prizes – Now open

Applications for the *2017 Australian Museum Eureka Prizes* are now open, with entries closing on 5 May 2017. Established in 1990 to reward outstanding achievements in Australian science and science communication.

There are over 16 prizes over four categories to be awarded including:



- Outstanding Early Career Researchers,
- Innovative Use of Technology,
- Emerging Leader in Science'
- Environmental Research, and
- Excellence in Interdisciplinary Scientific Research.

The winner of each category receives not only the prestigious award but also a cash prize. More information can be found on the [Australian Museum website](#).

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## Upcoming Grant Schemes

### *The Australian Academy of Science – Research, Conference and Travel Grants*

The Australian Academy of Science is calling for applications for research, conference and travel grants. The closing date to apply for travel, conference and research support is **1 June 2017**.

<https://www.science.org.au/opportunities>

### *Council for Australian-Arab Relations*

Applications close 3 April 2017 (Internal deadline – 20 March 2017)



Funding will generally be above a minimum of AUD \$10,000 per grant, and up to a maximum of AUD \$40,000. CAAR encourages applicants to also seek funding for their project from other sources. Applications must demonstrate relevance to one or more of the Council's [strategic objectives](#). In addition, proposals must either serve a CAAR [Flagship Program](#) and/or address a CAAR Priority Sector. In 2017, the Priority Sectors are **Sports** and **Fashion**.

<http://dfat.gov.au/people-to-people/foundations-councils-institutes/caar/grants/pages/grants.aspx>

### ***Council for Australian - Japan Foundation***

Applications close 6 April 2017 (Internal deadline – 23 March 2017)

Grant applications for a minimum of \$5000 or maximum of \$50,000 per year will be considered. In addition, 'significant' (between \$50,000 and \$80,000) and multi-year funding (up to \$50,000 per year for up to three years) may be considered where a strong case has been given to demonstrate that a program addresses a specific need, is particularly worthwhile, sustainable and able to advance the Australia-Japan relationship.

Priority areas for 2017:

- Communication, information and advocacy,
- Economic diplomacy and geopolitics
- **Scientific innovation**
- Education and Australian studies
- Society and culture

<http://dfat.gov.au/people-to-people/foundations-councils-institutes/australia-japan-foundation/grants/Pages/australia-japan-foundation-grant-guidelines-2017.aspx>

### ***Australia – Indonesia Institute***

Applications close – 19 April 2017 (Internal deadline -5 April 2017)

For the 2017 Grants Program the All has identified the following priority areas:

- Arts and Culture
- Education
- **Technology and Innovation**
- Civil Society and Media
- Religion and Society

Quality projects in areas not identified above that closely align with the objectives of the All will also be considered. 2016 projects included tackling obesity, forest fire science and piloting ambulance courses.

<http://dfat.gov.au/people-to-people/foundations-councils-institutes/australia-indonesia-institute/grants/Pages/grants.aspx>

### ***Australia – Korea Foundation***

Applications close – 3 April 2017 (internal deadline – 20 March 2017).

Grant applications for a minimum of \$5,000 or maximum of \$40,000 per year up to three years will be considered. It is anticipated that most grants will be between \$15,000 and \$30,000 per year, depending on the scope of the grant activity and its complexity.

Key priority areas

- Building cultural understanding
- Reciprocal Australian and Korean studies
- **Technological and scientific innovation**

- Trade diplomacy and geopolitics

<http://dfat.gov.au/people-to-people/foundations-councils-institutes/australia-korea-foundation/grants/Pages/how-to-apply.aspx>

### ***Australia – China Council***

Applications close – 19 April 2017 (internal deadline – 5 April 2017).

Through our annual competitive grants program, the Australia-China Council supports projects across **China, Hong Kong, Taiwan, Macau and Australia** that broaden and strengthen Australia-China relations in education, business, culture and the arts.

Grant applications for a maximum of \$40,000 per year will be considered.

<http://dfat.gov.au/people-to-people/foundations-councils-institutes/australia-china-council/grants/pages/grants.aspx>

### ***Wicking Trust Grants - Wellness and quality of life of the aged or those with, or at risk of, Alzheimer disease.***

Priority areas of interest to the Trust in its 2017 grant round will be published in March. Guidelines and further information about the 2017 grant program will be made available via the website in March. Successful Expression of Interest applicants will be provided access to the full application form which will need to be completed by the end of August.

Expressions of Interest (closing date 31 May 2017) will be accepted during May. The EOI form will be available for preview in March/April.

<http://www.egt.com.au/charities-and-not-for-profits/grants/jo-and-jr-wicking-trust>

### ***Heart Foundation of Australia - Stroke Prevention***

Applications close 12 May 2017 (*Internal applications close 1 May 2017*).

For this one-off funding opportunity, the Heart Foundation is seeking research grant applications to address the prevention of stroke. This may include, but is not limited to:

- Atrial Fibrillation (AF)
- Hypertension
- Vascular aspects of dementia
- Atherosclerosis
- Vascular biology of stroke

Funding can be up to five years. <https://heartfoundation.org.au/research/research-funding/apply-for-funding/stroke-prevention-grant>

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# 13th Behavioural Research in Cancer Control Conference



The Conference Program for BRCC 2017 has now been published on the [conference website](#).

The program aims to have something for everyone. In addition to our esteemed [keynote presenters](#), we've assembled an exciting range of concurrent session presentations from all over Australia, and a few beyond. Themed sessions include Nutrition and Alcohol, Priority Populations, Experiences of Care, Prevention in Education and Mental Health Settings, Policy and Advocacy, Digital and Technology, Tobacco Control Campaigns, Lifestyle Behaviours, Screening and more! There are over 150 presentations for you to choose from.

## REGISTER NOW

[Register now](#) to attend BRCC2017, **Wednesday 3 May – Friday 5 May 2017**. Full registration is \$450(GST included). Conference Dinner tickets are available for an additional cost of \$65.

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## Finally.....Did you know that ostriches can run faster than horses?

Looking for something to start a conversation or simply entertain the kids? Look no further than these weird animal facts.....



- A housefly hums in the key of F.
- Gorillas can catch human colds and other illnesses.
- Male ostriches can roar like lions.
- Elephants can smell water up to 3 miles away.
- There are five kinds of flying snakes that can take off and fly up to 100 metres in the air.
- A snail can grow back a new eye if it loses one.

Over 300 Random Animal Facts are available on the [The # Fact Site](#)

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**Next Issue:** If you would like to contribute a story to the next issue please submit it to **Deborah or Melanie** by the **27<sup>th</sup> of March**. The next issue will be released in the first week of **April**.

Until next issue.....

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