

FACULTY OF SCIENCE RESEARCH BULLETIN

ISSUE 12: AUGUST 2017

Welcome to Issue 12 of the Faculty of Science Research Bulletin.

In this issue there is lots of information about awards, the 3MT finals (which was won by a FOS candidate), professional development opportunities and we get to know Danielle Crosby, a HDR candidate in Veterinary Studies in Wagga Wagga.



National Science Week is from 12 – 20 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 a celebratory morning tea in Bathurst and organising one on your campus/work area is included in this issue.

Please save the date for the Research Office Roadshows which are coming to a campus near you. The Faculty Liaison Officers are combining to host a lunch time session which is aimed in getting people mixing – we hope to see you there. There is also time to submit a slide for the combined slideshow.

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



Imtiaz Chowdhury - School of Agricultural and Wine Science, working with Greg Doran and Hanwen Wu. Imtiaz commenced this session full-time on the Wagga campus.

Jhoana Opena – School of Agricultural and Wine Science, working with Sergio Moroni, Jim Pratley and Hanwen Wu. Jhoana commenced this session full-time on the Wagga campus.

campus.

Emily Thomas– School of Agricultural and Wine Science/National Wine and Grape Industry Centre, working with Chris Steel, Bruno Holzapfel and Michael Lang. Emily commenced this session full-time on the Wagga campus.

Cathrynne Henshall - School of Animal and Veterinary Sciences, working with Raf Freire and Hayley Randle. Cathrynne commenced this session full-time via distance education.

Elizabeth Jones – School of Animal and Veterinary Sciences, working with Allan Gunn and Cyril Stephen. Liz commenced this session full-time on the Wagga campus.

Emma Davis - School of Animal and Veterinary Sciences, working with Marta Hernandez-Jover, Jennifer Manyweathers and Rob Woodgate. Emma commenced this session full-time via distance education.

Md Shafaet Hossen - School of Animal and Veterinary Sciences, working with Shokoofeh Shamsi and Panos Loukopoulos. Shafaet commenced this session full-time on the Wagga campus.

Nancy Saji - School of Biomedical Sciences, working with James Crane, Chris Blanchard, Andrew Delaney and Lachlan Schwarz. Nancy commenced this session full-time on the Orange campus.

Saina Paul - School of Biomedical Sciences, working with Peter Anderson, Timothy Kudinha and Gregg Maynard. Saina commenced this session part-time via distance education.

Ann-Maree Fardell Hartley - School of Community Health, working with Judith Crockett, Herbert Jelinek and Shaun Wang. Ann-Maree commenced this session part-time via distance education.

Scott McManus - School of Environmental Sciences, working with Ana Horta and Azizur Rahman. Scott commenced this session part-time via distance education.

Blake Collins - School of Exercise Science, Sport & Health, working with Melissa Skein, Tegan Kastelein and Frank Marino. Blake commenced this session full-time on the Bathurst campus.

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Congratulations - Approved for Graduation



Jessica Rose, thesis titled "*The role of RFRP-3 and Kisspeptin on GnRH secretion in the merino ram*"

Dominik Skoneczny, thesis titled "*Role of Environment and Genetics in Production of Secondary Metabolites in the invasive Australian weed Echium Plantagineum L.*"

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ALLaN Workshops – September & October

Below is the list of ALLaN Workshops coming up in September & October for higher degree research candidates (other staff and students also welcome)

- 1. Structuring the literature review – Part 1**
Monday, 4th September, 12:30-2pm ... Details and registration:
https://connect.csu.edu.au/e1xh5uy6xf6/event/event_info.html
- 2. Structuring the literature review – Part 2**
Tuesday, 5th September, 12:30-2pm ... Details and registration:
https://connect.csu.edu.au/litrevp22017/event/event_info.html
- 3. Structuring the literature review – Part 3**
Wednesday, 6th September, 12:30-2pm ... Details and registration:
https://connect.csu.edu.au/litrevp32017/event/event_info.html
- 4. Overcoming procrastination**
Tuesday, 5th September, 6:30pm-8pm ... Details and registration:
https://connect.csu.edu.au/procrastevening2017/event/event_info.html
- 5. Reading the literature critically**
Monday, 11th September, 12:30-2pm ... Details and registration:
https://connect.csu.edu.au/readcrit2017/event/event_info.html
- 6. Writing the research proposal**
Tuesday, 12th September, 6:30-8pm ... Details and registration:
https://connect.csu.edu.au/resprop2017/event/event_info.html
- 7. Getting the feedback you need**
Thursday, 14th September, 12pm-2pm ... Details and registration:
https://connect.csu.edu.au/getfeed2017/event/event_info.html

- 8. Critical writing - Part 1**
Monday, 18th September, 12:30-1:30 ... Details and registration:
https://connect.csu.edu.au/critwritp1/event/event_info.html
- 9. Critical writing - Part 2**
Tuesday, 19th September, 12:30-1:30 ... Details and registration:
https://connect.csu.edu.au/critwritp2/event/event_info.html
- 10. Critical writing - Part 3**
Wednesday, 20th September, 12:30-1:30 ... Details and registration:
https://connect.csu.edu.au/critwritp3/event/event_info.html
- 11. Writing more clearly – Part 1**
Monday, 25th September, 12:30-2pm ... Details and registration:
https://connect.csu.edu.au/writclearp1/event/event_info.html
- 12. Writing more clearly – Part 2**
Tuesday, 26th September, 12:30-2pm ... Details and registration:
https://connect.csu.edu.au/writclearp2/event/event_info.html
- 13. Writing more clearly – Part 3**
Wednesday, 27th September, 12:30-2pm ... Details and registration:
https://connect.csu.edu.au/writclearp3/event/event_info.html
- 14. Presenting your research at a conference: The basics**
Tuesday, 26th September, 6:30-8pm ... Details and registration:
https://connect.csu.edu.au/presconf2017/event/event_info.html
- 15. Grammar clinic for research writers**
Tuesday, 3rd October, 12pm-1pm ... Details and registration:
https://connect.csu.edu.au/grammarclinic/event/event_info.html
- 16. Audit your time**
Thursday, 5th October, 12pm-2pm ... Details and registration:
https://connect.csu.edu.au/auditoct2017/event/event_info.html
- 17. Developing your voice as a research writer – Part 1**
Monday, 9th October, 12:30-1:30 ... Details and registration:
https://connect.csu.edu.au/voicep1/event/event_info.html
- 18. Developing your voice as a research writer – Part 2**
Tuesday, 10th October, 12:30-1:30 ... Details and registration:
https://connect.csu.edu.au/voicep2/event/event_info.html

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Census Date – Friday 4 August



Good luck to those students working hard to submit their soft bound thesis for examination prior to the census date **4 August 2017**. Please note your thesis must be received by the Research Office by close of business in order to avoid fees for 201760.

If you are posting the address is as follows:

Research Office
Charles Sturt University
Locked Bag 588
Wagga Wagga NSW 2678

If you are at maximum candidature but don't think you will make the deadline please contact Sandra Savocchia or Melanie Snell **URGENTLY**.

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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](#).

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Getting to Know – Danielle Crosby (HDR candidate)

This month we get to know Danielle Crosby who is currently studying the Doctor of Veterinary Studies in Wagga. Danielle commenced at the start of 2016 under the supervision of Kris Hughes, Jane Heller, Bryan Hilbert and Raphael Labens.



Name: Danielle Crosby

What School/Centre do you belong to?

School of Animal and Veterinary Sciences

How did you come to being a PhD student as CSU?

CSU was recommended to me by a friend!

What were you doing prior to starting at CSU?

Working as a veterinarian in private practice in Victoria.

What is the focus of your PhD?

Infections of synovial structures (joints and tendon sheaths) affecting horses.

Who is funding your research?

I have a Commonwealth supported position for research.

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

It is a commonly encountered condition for equine veterinarians and can be very difficult to treat effectively.

What's your favourite meal?

Steak and Shiraz.

If you could invite anyone to a dinner party who would you invite?

David Attenborough

Thanks Danielle for agreeing to be interviewed.

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3MT Finals – Science Triumphs

The 3MT @ CSU Final was held on Wednesday 12 July at the Convention Centre, Wagga. It was a fantastic event which showcased the wonderful diversity and quality of the research being carried out at CSU.



Eight doctoral candidates from across the university reached the final. Judges for the final were Mr Greg Conkey OAM, Mayor of Wagga; Mr Paul McLoughlin, Group Managing Editor of the Daily Advertiser; and Chair of CSU Academic Senate, Professor Jo Reid. There was also guest 3MT presentations from the CSU Vice-Chancellor, Professor Andy Vann and Deputy Vice-Chancellors Professor Mary Kelly and Professor Ken Dillon.

3MT finalists (L-R): Tracey Callinan, Natalie Thompson, Toufique Ahmed Soomro, Shiwangni Rao, Ahmed Al-Humairi, Cara Wilson and Yuchi Chen

The Faculty of Science had 4 finalists:

Ahmed Al-Humairi, School of Dentistry and Health Science presented *Computed Tomography in Dentistry: 50 Shades of Grey*

Cara Wilson, School of Animal and Veterinary Sciences presented *War on waste: It's not just plastic bags*

Shiwangni Rao, School of Biomedical Science presented *Can rice kill cancer?*

Yuchi Chen, School of Animal and Veterinary Sciences presented *Stop the panic attack from our yards to our paddocks*

And the winner was... Cara Wilson! Cara will go on to represent CSU at the Asia-Pacific final at the University of Queensland later this year. Runner up and Peoples' Choice winner was Shiwangni Rao! Congratulations to you both!

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Ahmed Al-Humairi– Month of presenting research



July was a very busy month for Ahmed Al-Humairi, Lecturer & HDR candidate, from the School of Dentistry and Health Sciences. Ahmed was a finalist at the 3MT competition in Wagga Wagga (as per above story).

3MT was followed immediately afterwards with a trip to Adelaide to present at the *Australian and New Zealand Association for Health Professional Educators Conference*. Ahmed gave an oral presentation on the topic of *Transition in Oral Health Education: from Face-to-Face to Blended Approaches*, for which he received excellent audience feedback including recommendations on ways to extend the project.

Education: from Face-to-Face to Blended Approaches, for which he received excellent audience feedback including recommendations on ways to extend the project.

Ahmed commented that “This project clearly represents only a modest attempt to provide blended approach as a method for improving student performance. However, based on the relative success of this initial effort, subsequent efforts can now justifiably be of a more ambitious nature.”

To top the month off, Ahmed received news that he was successful in obtaining a Colgate Travel Grant from the International Association of Dental Research to attend the International Association of Dental Research/ ANZ Conference in Adelaide 25 – 27 September 2017.

Congratulations Ahmed.

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The EBPEd Project has commenced – Seeking your help!



The Science Faculty-funded Evidence Based Practice Education (EBPEd) project is now underway, surveying all CSU's undergraduate health students regarding their experiences and views regarding 'research' and evidence-based practice (EBP). All health professions have Professional Competency Standards relating to EBP, and all CSU Health degrees have course-level EBP Learning Outcomes; so this survey is relevant to many of us.

So far, preliminary analysis of students' survey responses show that 'exposure to research articles', *particularly during workplace and simulation-based learning*, is the strongest predictor of students' EBP confidence. Also, EBP is most likely to be considered important to students' 'professional identity' where there has been significant exposure to research articles in their course, and where they have high self-confidence in the six skills of EBP.

School-based summary reports of the survey findings will be shared with all Schools with undergraduate health-related degrees. Please help promote this survey to your students NOW to maximise the response rate before the survey closes in mid-August:

*“CSU researchers want to learn about what students REALLY think about the role of ‘research’ in professional practice. They want to know the **negative**, **neutral** and **positive** views students have, so they want YOU to share YOUR perspective. Whatever you know or think about research – whether nothing or a lot! – **please contribute your views in this QUICK online survey**. For more information, to ask a question, or to complete the survey, click here: <https://www.surveymonkey.com/r/EBPEdProject>”*

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DVC RDI Roadshows

The DVC RDI, Professor Mary Kelly, will be holding information sessions across CSU campuses in the coming weeks. All staff are welcome.

The Research, Development and Industry (RDI) Portfolio is quite broad and extends beyond the research agenda within the university. The sessions will focus on the following topics:

Update on the breadth of activities under the **RDI Portfolio** including the **Office of Indigenous Affairs**, the Office of Global Engagement and Partnerships (formerly DIEP), the **Research Office** and the **Office of the DVC RDI**

The power behind the Research Narrative 2017 and a discussion of the expectations, research goals and funding models.

An introduction to the new commercialisation pathways for CSU including a new funding mechanism and the links to research impact.

University Strategy 2017-22 Regional Impact component including Programs for Stakeholder Impact (PSI) and Organise for Community Impact (OCI).

Discussion and questions will be encouraged at the sessions, and attendees are invited to send questions in advance by emailing Rosemary Adams at radams@csu.edu.au

Orange: Wednesday 2 August

1:30-3:00pm
Building 1006-206

Wagga Wagga: Thursday 3 August

2.30-4pm
Building 14-115

Albury: Monday 14 August

11am-12.30pm
Building 751-104

Dubbo: Monday 7 August

12noon-1.30pm
Building 902-202

Port Macquarie: Tuesday 8 August

1-2.30pm
Building 801-1025

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Researchers Slide Show – Contribute a slide by 11 August 2017

All FOS researchers are invited to contribute a PowerPoint slide that introduces them and their research interests. The slides will play on a continuous loop at each of five research office roadshow days in August (see below).

Your contribution: All researchers have the opportunity to (re)submit a slide which will introduce themselves and their research interests. This is a great way for researchers to introduce themselves to researchers in other schools and on other campuses.

The layout of the slide is open to each researcher – although ideally it will include a personal photo and include details of your research, **BUT most importantly**, reflect YOU.

If you would like to see some ideas please [click here](#) refer to the slides collated for last year's Faculty of Arts and Education Forum.



Please send your slide to the Faculty Research Liaison Officer – [Deborah Munns](#) - by the 11th of August.

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Save the Date! Research Roadshow

The Research Office Projects, HDR and Liaison teams are coming to a campus near you. The aim is to share information, build relationships and get to know your colleagues across other faculties.

Pencil in the following dates:

DATE	CAMPUS	VENUE
23-Aug-17	Orange	Conference Room (1001/149)
24-Aug-17	Bathurst	Foundation Rooms, CPD
28-Aug-17	Albury	Building 751- Room 202

30-Aug-17	Canberra	Chambers Pavilion (PACT)
1st Sept 17	Wagga	Bangayarra - Room B (151), Convention Centre

More details will be released by email and in the Research Office Bulletin issued by Gethin Thomas.

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National Science Week – Host a Morning Tea on Wednesday 16 August



National Science Week takes place from the 12th - 20th of August.

Faculty of Science staff are encouraged to host a 'Brain Break' morning tea in their area on *Wednesday 16th of August* 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.

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Bathurst National Science Week Brain Break Morning Tea



Brain Break Morning Tea to celebrate all things science.

When: Wednesday, August 16 2017. 10:30 AM to 11:00 AM

Where: Building 1431 (Allen House)
Common Room, Bathurst, NSW, 2795

Bring a plate to share. Test your brain cells with the Brain Break Quiz.

More information: Faculty Research Liaison Officer – [Deborah Munns](#)

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

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Updated CSU Animal and Human Ethics Committee Websites



The websites for both the Animal and the CSU Human Ethics Committees have recently been updated.

ACEC - http://www.csu.edu.au/research/ethics_safety/animal

HREC - http://www.csu.edu.au/research/ethics_safety/human

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Print Your Publications from CRO

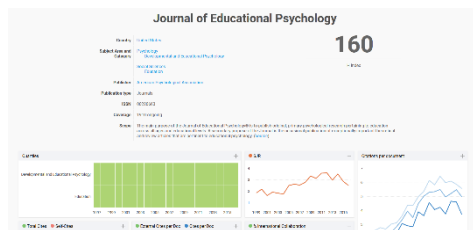
Have you logged into CRO yet to change your profile or add publications?

Go to [Add publications to CRO](#) for information on how to log in and what to do.

Did you know you can now print a list of your publications from CRO. Simply log in to your CRO home page and display your publications. At the bottom of the screen you have the options for downloading them in various formats including citation styles such as APA. For further information contact your [Faculty Liaison Librarian](#).

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The Joys of Journal Rankings



What are journal rankings? Journal rankings are used to measure and compare the influence of journals at journal level rather than article or author level.

Journal ranking information can be found using [SJR](#) (SCImago Journal & Country Rank), [Scopus Journal Analyser](#), [Web of Science](#) and [Google Scholar Metrics](#). Some journal impact factors may also be found on publisher's websites.

To find a journal ranking in [SJR](#), click on the link; type in the name of the Journal title (for example: "Journal of Educational Psychology"). Information about the journal will be returned; including H index value and Quartiles for the subjects the journal has been categorised into. Hover your mouse over the green squares of the years to find out what quartile the journal has been added to.

To find out more, or for a training session using these resources, please contact one of your friendly [Faculty Liaison Librarians](#).

Other training sessions offered in August are:

Date	Session Details & Registration
3rd Aug 2017	EndNote Master Class
10th Aug 2017	Staying up to Date with Research Alerts
14th Aug 2017	Finding Research Funding Opportunities including Research Professional
16th Aug 2017	Presenting Research Metrics for Grants and Promotion
23rd Aug 2017	Using Citation Databases (including Scopus, Web of Science and Google Scholar)

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Predatory Journals Hit By 'Star Wars' Sting



A classic case of what can happen when someone (in this case journal editors) doesn't know their 'Star Wars' references.

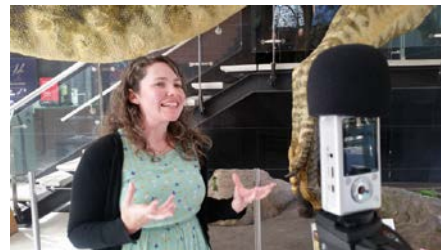
Read more at [Neuroskeptic](#)

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Fresh Science is Calling for Early-Career Researchers with a Story to Tell

Fresh Science, the national competition that helps early-career researchers find, and then share, their stories of discovery, is looking for:

- early-career researchers (from honours students to no more than five years' post-PhD)
- with a peer-reviewed discovery that has had little or no media coverage
- and with some ability to present their ideas in everyday English (something we can build on).



Nominations for Fresh Science 2017 are now open and close 31 August 2017. For details on how to nominate, and this year's events, visit freshscience.org.au

Scientists get a day of media training and the chance to share their work with the media, general public and school students.

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Media Training for Scientists



Join *Science in Public* for their one-day media training workshop and get some help.

- **Sydney: Thursday on 31 August**
- **Canberra: Tuesday 5 September**

Conveying the complexity of your research, your life's work, into a 30-second grab for the media can be hard. The solution is to shape the essence of your science into a story.

The course will run for a full day (8.30am to 5pm) and will be held in the CBD. It costs \$800 (ex. GST) per person, and includes lunch, morning and afternoon tea, and coffees throughout the day.

Two experienced science communicators will work with you to find the story in your research. Over the years we've helped Monash launch the world's first printed jet engine, revealed the loss of half the coral on the Great Barrier Reef, helped CERN announce the Higgs boson, and revealed the link between CSIRO's Wi-Fi patent and Aussie astronomy.

If you'd like to book a place in a course, head to www.eventbrite.com.au/o/science-in-public-8313184779 or contact Toni Stevens toni@scienceinpublic.com.au or (03) 9398 1416.

You can read more about our courses at www.scienceinpublic.com.au/training.

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Update on NHMRC's New Grant Program - Register for webinar

NHMRC CEO, Professor Anne Kelso, will present an update on NHMRC's new grant program via webinar on **Friday 18 August 2017** between 13:00-14:00 (AEST). [Register here](#). Spaces are limited.

Some changes include:

Ideas grants

Awarded for innovative and creative projects at all career stages. Major focus of assessment will be science, innovation and significance. Minor focus on feasibility rather than track record. Salary for chief investigators (CIs) can be requested and all CIs considered equal on the application.

Investigator grants

5-years fellowship and research project support to high-performers at all career stages. Full salary can be requested. Full-time project support will be awarded for part-time fellows to support researchers with parental responsibilities.

Synergy grants

5-years of direct research costs including research staff and CI salaries. Diverse teams of researchers will be assessed for their individual records of achievement relative to opportunity. All CIs are considered equal on the application. Assessment will foster and encourage diversity of teams, inclusion of EMCRs will be of benefit to the application.

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NSW Health and Medical Research Sponsorship



The Office for Health and Medical Research (OHMR) is offering support for health and medical research conferences, forums, workshops, award dinners, sponsorships, and funding for elite speakers from overseas, for events to be held in New South Wales.

The total funding pool for this round is \$100,000. It is anticipated successful applicants will be awarded grants of up to \$20,000 each.

This program is open to the following NSW registered organisations hosting health and medical research conferences and or events in metropolitan Sydney, as well as regional and rural New South Wales in the 2017/2018 Financial Year:

Non-profit organisations incorporated under the Corporations Act 2001(Cth) as applied in NSW

1. NSW Non-Governmental Organisations
2. Professional and peak bodies
3. Independent Medical Research Organisations

For further information, including the eligibility criteria and application form, please visit our website:

<http://www.health.nsw.gov.au/ohmr/Pages/eligibility-and-assessment.aspx>

Applications close at 5pm 21 August 2017

Enquiries about the NSW Health and Medical Research Conference Sponsorship Program should be directed to Becky Walker, OHMR, on 93919733 or OHMRSponsorship@doh.health.nsw.gov.au

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Expressions of Interest to Partner with *beyondblue*

beyondblue is seeking Expressions of Interest (EOIs) from researchers addressing depression, anxiety and/or suicide prevention who would like to involve *beyondblue* as a partner organisation on an NHMRC or ARC application. If your research proposal fits with our mission and the priorities identified for this partnership, and your application to the NHMRC or ARC is successful, *beyondblue* will provide up to \$50,000 per annum (excl. GST) for three years (total \$150,000 excl. GST) and in kind support. *beyondblue* intends to be a partner in up to five applications in total (NHMRC & ARC combined).

EOIs must be made using *beyond blue's* standard templates below and submitted via email to research@beyondblue.org.au by 5.00pm AEST on **Friday 18 August 2017**. For more details visit the *beyondblue* website [research webpage](#)

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2017 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, 20th September 2017 (Internal deadline: 6 September 2017).

Visit [this page](#) for more information and application forms. Should you have any questions please contact Francesca Pace, Grants Administration Officer at travelgrants@jdrf.org.au or call **(02) 9020 6139**.

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.*

[2018 Children's Hospital Foundation Travel Grant](#) – Closes 6 Sept 2017

[The Toyota Foundation](#) – Closes 8 September 2017 – Program Title: Exploring New Values for Society

[The Co-operative Research Programme \(CRP\)'s](#) Call for Applications for **funding international conferences** (such as workshops, congresses and symposia) and **research fellowship grants** for funding in 2018 is now **open**. – Closes 10 September 2017.

[Harkness Fellowships in Health Care Policy and Practice](#) – Closes 5 September 2017 – For mid-career health services researchers in Australia to spend up to 12 months in the United States.

[Academy of Science – Fellowships to India](#) – Closes 11 September 2017- The EMCR Fellowships provide support (up to A\$40,500) 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.

[Spencer Foundation – Midcareer Grant Program](#) – Closes 14 September 2017- This targeted program provides support for those who are interested in advancing their understanding of a compelling problem of education by acquiring new skills, substantive knowledge, theoretical perspectives or methodological tools. Grants are for one year with budgets of up to \$150,000.

[Australian National Commission for UNESCO Grants Scheme](#) – Closes 30 September - the priorities for the Australian National Commission for UNESCO. They include:

- Attaining quality education for all and lifelong learning;
- Mobilizing science knowledge and policy for sustainable development;
- Addressing emerging social and ethical challenges;
- Fostering cultural diversity and intercultural dialogue; and
- Building inclusive knowledge societies through information and communication

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Recent Publications

School of Environmental Sciences

Wolfenden, B. J., Wassens, S. M., Jenkins, K. M., Baldwin, D. S., Kobayashi, T., & Maguire, J. (2017). Adaptive Management of Return Flows: Lessons from a Case Study in Environmental Water Delivery to a Floodplain River. *Environmental Management*, 1-16.

<https://link.springer.com/article/10.1007/s00267-017-0861-0>

Ocock, J. F., Bino, G., Wassens, S., Spencer, J., Thomas, R. F. and Kingsford, R. T. (2017). "Identifying Critical Habitat for Australian Freshwater Turtles in a Large Regulated Floodplain: Implications for Environmental Water Management." *Environmental Management*: 1-15. <https://link.springer.com/article/10.1007/s00267-017-0837-0>

Wassens, S., Ning, N., Hardwick, L., Bino, G. and Maguire, J. (2017). "Long-term changes in freshwater aquatic plant communities following extreme drought." *Hydrobiologia*. Volume 799, [Issue 1](#), pp 233–247.

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5RP is Coming Soon – More details soon



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 (20 November).

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.

Details of heats will be announced shortly and if you'd like more information about the rules or eligibility, please contact Deborah Munns – dmunns@csu.edu.au

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Finally.....award for bras that convert into face masks - WHAT?



The Ig Nobel Prizes at Harvard University provide awards for achievements that first make people LAUGH then make them THINK.

The 2009 Ig Nobel Prize Winner Dr. Elena Bodnar won for her invention (a brassiere that can quickly convert into a pair of protective face masks). Elena, a Ukrainian researcher, was inspired to create a bra-mask by the Chernobyl nuclear accident. The brassiere, in an emergency, can be quickly converted into a pair of protective face masks, one for the brassiere wearer and one to be given to some needy bystander.

For more improbable science refer to <http://www.improbable.com/ig/winners/#ig2016>

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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 **25th of August**. The next issue will be released in the first week of **September**.

Until next issue.....

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