

THE MQ RESEARCH SERVICES NEWSLETTER April Edition

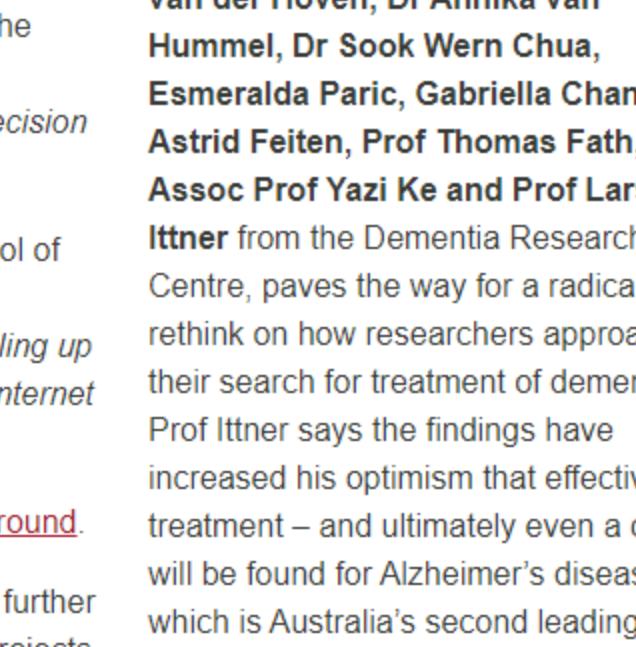
IN THE SPOTLIGHT

Read the interview with Research Fellow Dr Robyn Clay-Williams from the Australian Institute of Health Innovation. Learn about her area of research, how she engages with end-users of her research, and advice she has for early career researchers.

Spotlight on...

Dr Robyn Clay-Williams
Research Fellow
Australian Institute of Health Innovation

"My research is very practical. My research team works with doctors, nurses and leaders in hospitals to solve real workplace problems."



SUCCESS STORIES



Australian Research Council



2 ARC Linkage Projects awarded to Macquarie

Macquarie University researchers will lead two new ARC Linkage Projects announced in the second round of the 2020 continuous scheme. A total of \$43,650 was awarded to these research projects that aim to restore native vegetation in degraded land and develop novel signal processing and communications approaches to deliver high quality data services.

Dr Rachael Gallagher from the Department of Biological Sciences has been awarded \$543,650 to lead the project, Restoring diverse native vegetation using drone-based precision seeding.

Prof Iain Collings from the School of Engineering has been awarded \$400,000 to lead the project, Scaling up satellite communications for the Internet of Things.

[View all successful grants in this round](#)

This is a continuous scheme and further outcomes for the 2020 Linkage Projects round are expected in the coming months.

Challenging long-held theories of Alzheimer's disease progression

A new publication in the *Proceedings of the National Academy of Sciences of the USA* has revealed that mechanisms in brain cells, which were previously thought to be associated with cell death in Alzheimer's, appear to actually be providing a protective mechanism, resisting Alzheimer's disease cell death and potentially prolonging progression of the disease. The paper, authored by Dr Stefania Ippati, Yuanyuan Deng, Julia van der Hoven, Dr Annika van Hummel, Dr Sook Wern Chua, Esmeralda Paric, Gabriella Chan, Astrid Feiten, Prof Thomas Fath, Assoc Prof Yazi Ke and Prof Lars Ittner from the Dementia Research Centre, paves the way for a radical rethink on how researchers approach their search for treatment of dementia. Prof Ittner says the findings have increased his optimism that effective treatment – and ultimately even a cure – will be found for Alzheimer's disease, which is Australia's second leading cause of death. [Read more](#)

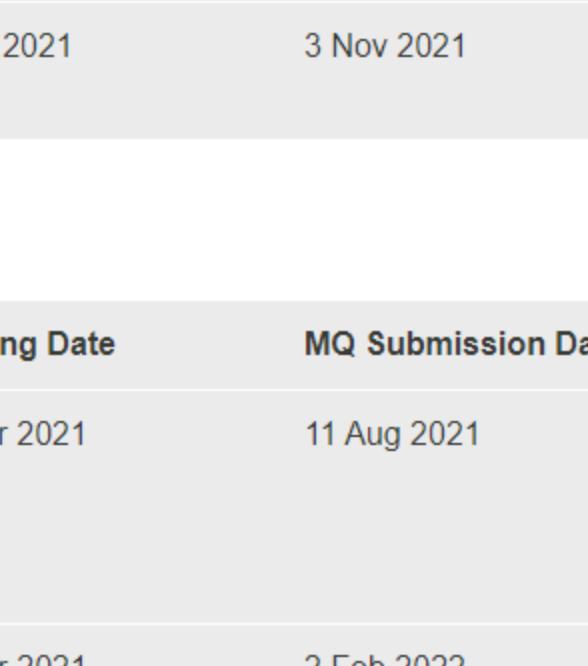
First World Report on Hearing calls for action on a hidden public health burden

The Australian Hearing Hub has launched the first ever World Health Organization (WHO) [World Report on Hearing](#). The landmark report aims to raise awareness among policymakers and the public of the rising global prevalence of hearing loss to make ear and hearing care a key public health priority. The World Report on Hearing estimates that a fifth of people live with hearing loss, making it the third ranked cause of years lived with disability. Hearing loss is expected to increase to impact a quarter of the global population by 2050 with growing and ageing populations. The cost of hearing loss is high: \$1.230 billion dollars is lost globally due to unaddressed hearing loss. In Australia the cost is about \$20 billion, mostly due to lost productivity and health system costs. Prof Catherine McMahon, Director of the HEAR (Hearing Education Application Research) Centre has worked closely with the WHO and brought the expertise of Australian leaders in this field to the forefront to develop the first World Report on Hearing. [Read more](#)

Study boosts link between diet and depression

The association between higher fruit and vegetable consumption and preventing certain cancers and chronic illness such as heart disease is well known, and now the evidence is growing that fruits and vegetables may be just as key to good mental health. Assoc Prof Seema Mithra, from the Department of Health Systems and Populations, and her collaborators, reviewed the literature on the subject of fruit and vegetable consumption and depressive symptoms in people aged 15-45. Most studies supported the evidence that eating enough fruit is associated with decreased risk of developing depression. The research, published in the *International Journal of Environmental Research and Public Health*, found several studies have linked folate deficiencies in particular to depression. Found in foods such as leafy green vegetables, legumes, beans and citrus fruits, folate is important in the production of neurotransmitters such as serotonin, dopamine, and epinephrine, which all play a critical role in mood regulation. [Read more](#)

NEWS & INFORMATION



Macquarie's 2021 Research Excellence Awards opening soon

The Macquarie Research Excellence Awards recognise and celebrate the success of our Macquarie staff and HDR candidates making significant national and global contributions to research and innovation.

Applications open: 12 April 2021
Applications close: 4 June 2021

Keep an eye out for next Tuesday's edition of the This Week staff newsletter for more details on how to apply.

2021 Australian Museum Eureka Prizes

The [Australian Museum Eureka Prizes](#) are the country's most comprehensive national science awards, honouring excellence across the areas of research and innovation, leadership, science engagement and school science.

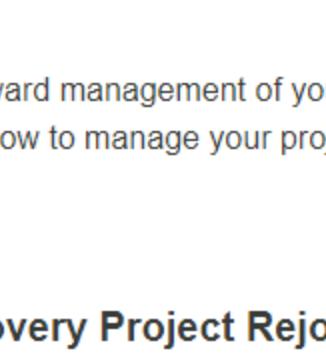
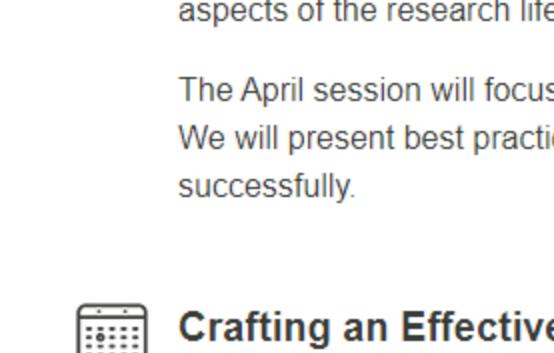
[View the 2021 full prize program](#)

Key 2021 dates:

- Program announced: 17 March
- Entries open: 24 March
- Entries close: 7pm AEST 28 May
- Finalist and highly commended entrants notified by 30 July
- Finalists announced: 2 Sept
- Winners announced: 7 Oct

If you wish to nominate for a prize, please contact your [Faculty Research Manager](#) and [Associate Dean Research](#).

[View the 2020 prize winners](#)



Updating your publications in Sapphire

NHMRC recently launched new functionality allowing researchers to link an [Open Researcher and Contributor ID \(ORCID\)](#) to their Sapphire Profile.

In total, Sapphire currently supports three methods to add publications to a Profile:

1. Manually adding each Publication entry individually,
2. Importing an EndNote Library, or
3. Linking your ORCID to your Sapphire profile and importing selected 'Works' *

* - Unless your ORCID Works already have Contributors added, Authors will need to be manually entered following the publication import into Sapphire from ORCID.

More information on updating publications is available in the [Researcher/My Profile section of the Sapphire Knowledge Base](#) webpage, or by contacting the Research Help Centre - [help@nhmrc.gov.au](#)

Please explore the following Macquarie researchers' comprehensive Pure Activities records for ideas and guidance when creating your own:

- Prof Tina Soliman Hunter, Faculty of Arts, [membership of a Working Group](#)
- Prof Elizabeth Sheedy and Dr Lydia Zhang, [Macquarie Business School](#) [advisory role in the form of a submission](#)
- Dr Kate Churruca, Faculty of Medicine, Health and Human Sciences, [membership of an Expert Advisory Group](#)

These records provide a detailed description of the engagement activity as well as links to related research outputs, prizes, media appearances, projects and impacts (where relevant).

Please contact [Research Assessments](#) if you would like more information about using the Pure Activity module.

FUNDING OPPORTUNITIES, PRIZES & AWARDS

2021-2022 Major Grants Round Calendar

View the [2021-2022 major grants round calendar](#). Please note, dates are subject to change by the funding agencies.

ARC Funding Schemes

Scheme	Opening Date	MQ Submission Date
Linkage Projects - 2021 round 1	Continuous	16 March 2021
Centres of Excellence (EOI stage)	8 June 2021	30 June 2021
Linkage Projects - 2021 round 2	Continuous	19 July 2021
ITTC and ITRH	4 Aug 2021	1 Sept 2021
Australian Laureate Fellowships	1 Sept 2021	22 Sept 2021
DECRA	8 Sept 2021	13 Oct 2021
Future Fellowships	13 Oct 2021	3 Nov 2021
Linkage Projects - 2021 round 3	Continuous	18 Nov 2021

NHMRC Funding Schemes

Scheme	Opening Date	MQ Submission Date
Synergy Grants	24 Feb 2021	24 Mar 2021
Ideas Grants	10 Mar 2021	7 Apr 2021
Postgraduate Scholarships	14 Apr 2021	12 May 2021
Development Grants	21 Apr 2021	19 May 2021
Partnership Project (Round 2)	25 Mar 2021	15 Jul 2021
Clinical Trials and Cohort Studies	30 Jun 2021	28 Jul 2021
Partnership Project (Round 3)	29 Jul 2021	3 Nov 2021

MRFF Funding Schemes

Scheme	Opening Date	MQ Submission Date
2021 International Clinical Trial Collaborations (ICTC) Grant - round 1	17 Mar 2021	11 Aug 2021
2021 International Clinical Trial Collaborations (ICTC) Grant - round 2	17 Mar 2021	2 Feb 2022
2021 Innovative Therapies for Mental Illness Grant	17 Mar 2021	23 Jun 2021

Internal MQ Funding Schemes

[MQ Fellowship for Indigenous Researchers Scheme](#) - continuously open

[MQ Enterprise Partnership Scheme](#) - continuously open

[MQ Carer Conference Support Scheme](#) - continuously open

Research Prizes and Awards

Discover upcoming research prize and award opportunities, and view recent success stories from Macquarie researchers. [Learn more](#)

Research Professional Database

We encourage you to use the Research Professional database to search for Australian and international research funding and research award opportunities.

[Login and search](#)

Research Professional runs a series of live online broadcast training sessions for the Australian time zone. [View and register](#)

WORKSHOPS

Research Services Drop-in Session: Post Award Management

Thursday 15 April 2021, 10:30-11:30, [Microsoft Teams](#), [Add to calendar](#)

Research Services has commenced monthly online drop-in sessions. They are held on the third Thursday of each month. Researchers are invited to join and ask questions relevant to Research Services' activities and your current and anticipated research plans. Senior Research Services staff, including the Executive Director, will be in attendance to provide expertise from across all aspects of the research lifecycle.

The April session will focus on the Post Award management of your grant. We will present best practice and tips on how to manage your project successfully.

If you wish to nominate for a prize, please contact your [Faculty Research Manager](#) and [Associate Dean Research](#).

[View the 2020 prize winners](#)

Crafting an Effective ARC Discovery Project Rejoinder

Friday 11 June 2021, 12:00-13:30, [Zoom](#), [Add to calendar](#)

This workshop will provide strategic advice to 2022 ARC Discovery Project applicants on what to include in your rejoinder, pitfalls to avoid, suggested structures, as well as examples from rejoinders where the grant was successfully funded. [More details](#)

RESOURCES & TOOLS

Successful Grants Library

The [Successful Grants Library](#) contains external and internal grant and prize applications that were successfully awarded. Electronic and hard-copy versions of the library are available.

Advice Toolkits and Budget Calculators

Available for many of the major external funding schemes. [View all](#)

Developing Research Partnerships

Information and processes for developing and submitting research proposals to external organisations. [Learn more](#)

Researcher Development Calendar – myRDC

Easily search and register for professional development events from all sectors of the university. [Learn more](#)

On-Request Workshops

Provided on-request for academic departments, research centres, or small groups and can be customised to suit particular needs. [Learn more](#)

MQ Research Services Teams

Pre Award – Grants and Partnership Funding

Contact [Grants](#) or [Partnerships](#)

Ethics, Integrity and Animal Welfare

Contact [Human Ethics](#), [Animal Welfare](#) or [Research Integrity](#)

Contracts and Agreements

Contact [us](#)

Post Award and Reporting

Contact [us](#)

YOU to the power of us

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