

## ANZMAG NEWS - APRIL 2018

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Dear all,

Welcome to the April 2018 ANZMAG e-newsletter. This month we have the usual mix of magnetic resonance and science related items for you.

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### GRANTS AND AWARDS

There are a number of grants and awards that are open for applications at present. The below are the ones I am aware of with a close deadline.

**Ramaciotti Health Investment** grants of up to \$150,000 are awarded to individuals in universities, public hospitals or institutes for health or medical research with the potential path to clinical application within five years (<https://www.perpetual.com.au/ramaciotti/applications>)

The **Bridging Grants program** (<https://globalconnectionsfund.org.au/bridge-grants/>) is administered by the Academy of Technology and Engineering (ATSE). Bridging Grants provide between AUD25,000 to AUD50,000 per grant based on a matching funds/in-kind basis.

The **Max Day Environmental Science Fellowship Award** is an annual award of up to \$20,000 per awardee to assist early stage PhD students or early career researchers with their research. It provides funding support toward the costs of travel, courses or research expenses.

See <https://www.science.org.au/opportunities/research-funding/max-day-environmental-science-fellowship-award>? for the details

The **Thomas Davies Research Grant for Marine, Soil and Plant Biology** is open to applications and will close at 9:00am (AEST) on Friday 1 June 2018. The Fund offers grants of up to \$25,000 each to scientists with up to 15 years post PhD experience. See <https://www.science.org.au/opportunities/research-funding/thomas-davies-research-grant-marine-soil-and-plant-biology>? for details.

Applications are being invited for the **RACI National Awards for 2018**. Awards are offered in four categories: academia, distinction, education and young chemists. See <https://www.raci.org.au/events-awards/national-awards> for more details.

Don't forget that state based RACI groups have their own awards. See <https://www.raci.org.au/events-awards/awards> and click on the white text for the links for each award. These are really worth trying for.

Two awards offered by Nature Research are now open for nominations:

**The Inspiring Science Award** celebrates an outstanding early career researcher who self-identifies as female. The nominee must have completed their PhD within the past 10 years and have made an exceptional contribution to scientific discovery. Candidates can be nominated by anyone in their research institute from anywhere around the globe.

The **Innovating Science Award** is open to individuals or groups who work on projects or initiatives who encourage girls or women to become more aware of or engaged in any STEM subject around the world. Self-nominations are accepted.

Nominations for both awards close 11 June 2018.

See <https://www.nature.com/collections/jcpgfhmqz/nominations> for details.

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## UPCOMING CONFERENCES

The **HYP18 conference** on hyperpolarization in Southampton is now open for registration and abstract submission at <http://generic.wordpress.soton.ac.uk/hyp18/> (I love the logo for this one). This conference will cover the main areas of nuclear hyperpolarization and other methods for sensitivity enhancement in NMR and MRI, including: dynamic nuclear polarization (DNP), both in solids and in solution, optical pumping, quantum-rotor-induced polarization, and parahydrogen-induced polarization

The next **Australian and New Zealand Metabolomics Conference (ANZMET)** will be held later in the year in Auckland. The meeting is designed as a community-owned event and provides a facilitated networking experience where attendees learn on the first day of each other's interests, experience, scientific background etc. It should be a great event and there are top notch speakers including Prof David Wishart. You can find out more at <http://anzmet.org/>

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## PREDATORY CONFERENCES

I am noticing a big increase in the number of dodgy conferences and journals that I am being asked to go to or write for. With journals, it is usually very obvious they are dodgy but then I have a lot of experience. I've started to train my PhD students in how to spot and deal with rubbish journals and people trying to get them to print their thesis as a book as well as to check conferences out fully before coming to see me to ask for money to go. Always, check the journal and the publisher and the conference and the organisers. A little background checking really saves a lot of time.

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## NEW FORMAT FOR METABONEWS

I hope a lot of you will be familiar with MetaboNews. This newsletter is published in partnership between The Metabolomics Innovation Centre (TMIC) and Metabolomics Society. It used to be a webpage based newsletter but no longer! From April 2018 (e.g. this month) it is pdf format and has a great new look. You can see the new version at [http://www.metabonews.ca/Apr2018/MetaboNews\\_Apr2018.pdf](http://www.metabonews.ca/Apr2018/MetaboNews_Apr2018.pdf) and, to steal a quote from really great and detailed MetaboInterview with ANZMAG board member Horst Schirra in this issue. Great job Horst!

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## STORIES FROM THE WEB

- <https://www.sciencedaily.com/releases/2018/04/180427144715.htm>

This story is on recent work by Brazilian researchers to describe the first retrospective dosimetric study by electron spin resonance spectroscopy.

- <https://www.independent.co.uk/news/health/realtime-mri-live-video-tongue-jens-frahm-max-planck-institute-european-patent-office-a8327001.html>

This story is on a new MRI-based imaging system known as FLASH2. The link above shows a video of somebody speaking while in an MRI but there is another video showing a beating heart in an MRI at <https://www.mpg.de/12018905/frahm-european-inventor-award>

- <http://www.azom.com/article.aspx?ArticleID=13770>

This is a Bruker sponsored article looking at applications of time domain Nuclear Magnetic Resonance Spectroscopy. The number of applications makes an interesting read.

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