

ANZMAG NEWS - FEBRUARY 2018

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Dear all,

I hope that everybody had a good holiday break and is not too shocked to be back in semester already. This month we have the following news for you.

ROYAL SOCIETY OF CHEMISTRY TWITTER CONFERENCE

The **4th Royal Society of Chemistry Twitter Poster Conference** will be held from Tuesday March 6th (9am GMT) to Wednesday March 7th (9 am GMT). This is an online event held entirely over Twitter to bring members of the scientific research community together to share their research, network and engage in scientific debate. During the event simply tweet an image (e.g. JPEG) which will be a digital poster summarising your research along with #RSCPoster, the most appropriate subject area hashtag and the title of your work. If you want to get involved, you can find out more here <http://rsc.li/rsc-poster-2018>

AWARDS AND FELLOWSHIPS

Applications for **Cancer Council Victoria's Postdoctoral Fellowships** are open until 5pm on Friday 13 April. These fellowships are offered to provide Victorian scientists who have recently completed a PhD with support for an additional six months or year of research based on their thesis work. See http://www.cancervic.org.au/research/biomedical/postdoctoral_research_fellowships for more information

Post-graduate Research Awards are currently being offered by the **Australian Institute of Nuclear Science and Engineering**. You need to already have a scholarship to get the award but it provides a stipend of \$7,500 pa. and a generous travel and accommodation allowance. More information can be found at http://ainse.edu.au/grad_students2/postgraduate_awards if you are keen.

The **L'Oréal-UNESCO For Women in Science Australia & New Zealand Fellowships** are open for nominations. There are four \$25,000 Australian Fellowships and one \$25,000 New Zealand Fellowship. You can read more about the program at <https://www.forwomeninscience.com.au/> if you wish.

The **Australian Technology Network (ATN)** has recently announced the ATN-LATAM Research Scholarship Scheme that will provide a minimum of 10 scholarships for eligible applicants to undertake PhD research at one of the five ATN universities in Australia (Curtin, UniSA, QUT, UTS and RMIT). Awardees must be able to commence studies in 2018. The full details are at <https://www.atn.edu.au/scholarships-grants/atn-latam-scholarships/> if you want to find out more.

The **Australian Museum Eureka Prizes** reward excellence in the fields of research & innovation, leadership, science engagement and school science. There are a range of categories and entries for 2018 and nominations are open at <https://eureka-entry.australianmuseum.net.au/home>

The **Australian Academy of Science honorific awards** are currently open for nominations. Research fields including Earth sciences, biology, physics, mathematics, chemistry, experimental biomedicine, genetics and more are open for nominations. Please see <https://www.science.org.au/opportunities> for the details. I hope the big players in magnetic resonance will nominate for these awards.

GRANTS CORNER

While many of you are, I am sure, frantically putting the finishing touches to ARC Discovery and LIEFs (which are not five times as long as normal) as well as NHMRC project grants (#grantfest) there some other grants schemes advertising at present.

The **Herman Slade Foundation** provides project grants up to A\$30,000 per year for up to three years. Grants are awarded to Australian institutions for activities within Australia. You can see more on this at <http://www.hermonslade.org.au/guidelines.html> The next round of applications will close at 5.00pm on Friday March 9, 2018 for new grants beginning in July 2018.

The **National Foundation for Medical Research and Innovation** has a call for EOIs for project grants out at <https://nfmri.org.au/research-and-innovation/apply-for-support/research-project-submissions/>

If you have a grant scheme you want to showcase, then please let me know. In the meantime, see <https://www.researchprofessional.com> for a long list of useful grant info.

ONLINE NMR

The University of Ottawa NMR blog is a great read and resource for all things to do with NMR (<http://u-of-o-nmr-facility.blogspot.com.au/>). There are lots of entries. I rather liked this one on ^{13}C Showing J Coupling to Both ^{31}P and ^{14}N (<http://u-of-o-nmr-facility.blogspot.com.au/search/label/13C-31P%20coupling>) but there are lots of others. It is a great read and could be useful for teaching and research.

There is also a great Magnetic Resonance in Chemistry video interview with Dr James Keeler from the University of Cambridge at <https://www.youtube.com/watch?v=Hqt0HPLQ-48&feature=youtu.be>

STORIES FROM THE WEB

This month our usual stories featuring different forms of magnetic resonance from the web are 2nd to last.

<https://www.news-medical.net/life-sciences/EPR-in-Pharma.aspx> is an interesting article on the use of EPR in the Pharmaceutical Industry.

<https://www.smh.com.au/world/europe/schizophrenics-learn-to-silence-the-voices-thanks-to-mri-scanner-game-20180212-p4z00t.html> is a Sydney Morning Herald story about treating schizophrenia using an MRI scanner and a computer game.

<https://www.asianscientist.com/2018/02/tech/nuclear-magnetic-resonance-imaging-method/> is a great story about a team in Japan that have managed to convert NMR radio signals into light signals!

OBITUARIES

We finish this month with the sad news sent just this morning that Prof Charlie Slichter passed away on February 19 at age 94. Prof Slichter was one of the early developers and proponents of magnetic resonance methods and their many applications in physics and chemistry. A full obituary can be found at <https://www.weizmann.ac.il/ISMAR/charles-p-slichter-1924-2018>

Late last year Professor George Feher, the inventor of ENDOR (electron-electron double resonance spectroscopy), an ISMAR Fellow and a Wolf Prize in Chemistry laureate 2006/7 also passed away. A full obituary, showcasing remarkable life and associated achievements can be found at https://www.weizmann.ac.il/ISMAR/sites/ISMAR/files/uploads/obituary_feher_for_ismar_final_1.pdf