



Australian Council
of Deans of Science

News from the Teaching and learning Centre

June 2020

Dear subscriber,

A few important items in this newsletter:

- Apply for new ACDS funding available to help us build a repository of resources for teaching online science and mathematics.
- Get involved in the project on leadership in learning and teaching science in tertiary education.
- Catch up on the latest ACSME 2020 news. It promises to be an exciting event!

As usual, we welcome your contributions of articles, and pointers to conferences and publications that may be of interest to the readership.

Best regards

Cristina Varsavsky



New funding opportunity for science and mathematics educators

We are excited to announce that the ACDS has launched a new project to create a repository of online resources for science teaching and assessment, and is providing funding to drive this development.

This project will develop a mechanism for sharing resources across ACDS member institutions. It will provide funds to create a repository of curated remote teaching and assessment resources developed across Faculties of Science, particularly those resources that would benefit teachers and students of large mainstream subjects.

We are seeking academics to lead this development in four broad discipline areas: chemistry, life sciences, mathematics and physics. Up to \$10,000 are available to each discipline leader to establish a framework for this repository and to gather and curate current resources.

Applications close on July 31.

See further information including guidelines and application form [here](#).



Leadership in learning and teaching science in tertiary education

The ACDS has supported a project focused on leadership in learning and teaching in science in Australian Universities.

The skills successful students need for the 21st century such as critical thinking and innovation, map strongly to the pedagogies of science and mathematics teaching. Future leaders in learning and teaching in science and mathematics, require a knowledge base for embedding creative and innovative thinking, as well as the necessary skills required to effect transformation at the higher education level. Leadership in learning and teaching in higher education occurs across many levels. We are interested in leadership qualities in Australian academics, in science learning and teaching education.

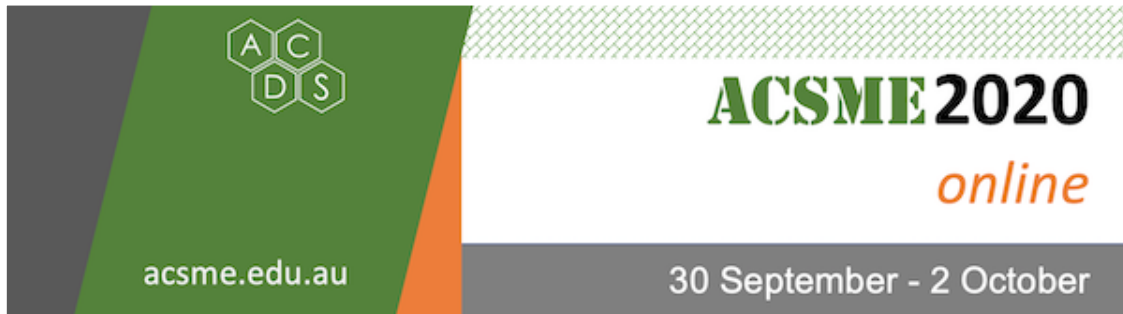
Data from this survey will be used to develop an understanding about the skills required and the support needed for academic leaders in science learning and teaching, which may help the identification of professional development activities in the future.

If you wish to contribute to this study please complete the survey below.

https://survey.sydney1.qualtrics.com/jfe/form/SV_0VAAny4sgrvSPtP

Academics at any level and in any field of science, such as mathematics, chemistry, biology, anatomy, pharmacology, are welcome to participate.

If there are any questions please contact Associate Professor Deanne Skelly on d.skelly@griffith.edu.au



ACSME 2020 - an impressive lineup of speakers

This year the Australian Conference on Science and Mathematics Education (ACSME) will be delivered online, but it is promising to be an exciting event nonetheless.

We have an impressive lineup of speakers to analyse and discuss our experiences with going into emergency remote teaching, and what it all means for the future of science and mathematics education. Check them out [here](#).

Important dates:

- Registrations are now open, and close on September 18. Register [here](#).
- The Conference will be held on September 30 to October 1
- Discipline Day will follow on October 2.

For further information, check the [ACSME 2020 website](#).

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