

Call for Papers: Special issue of *International Journal of Innovation in Science and Mathematics Education* (IJ-ISME) on:

## Science meets the Arts: What is the educative (pedagogic) impact when creative disciplines collide?

Guest Editors: A/Prof Rosanne Quinnell (USyd), Dr Margaret Wegener (UQ),  
Dr Rebecca LeBard (UNSW) and Stephanie Beames (UQ)

The creativity of scientists and mathematicians is not bounded by the strictures of what constitutes disciplinary research. *We want to hear what you are doing in the space where Science meets the Arts.* This special issue focuses on the **scholarly**, **personal** and **scientific** value of creative works (e.g. poems, visual art, creative writing, music) generated either formally (within the curriculum) or informally.

Resources to interest and inspire:

- Science and poetry (from Nature 1933) - [www.nature.com/articles/132293a0.pdf](http://www.nature.com/articles/132293a0.pdf)
- Why Art And Science Are More Closely Related Than You Think <https://bit.ly/2MfuQ7U>
- Maths and poetry - [poetrywithmathematics.blogspot.com/2014/11/in-praise-of-fractals.html](http://poetrywithmathematics.blogspot.com/2014/11/in-praise-of-fractals.html)
- Science and visual arts - [www.abc.net.au/news/2018-05-30/science-and-art-a-marriage-made-in-heaven-for-palaeontologist/9787156](http://www.abc.net.au/news/2018-05-30/science-and-art-a-marriage-made-in-heaven-for-palaeontologist/9787156)
- Write fiction to discover something new in your research - [www.nature.com/articles/d41586-018-05089-x](http://www.nature.com/articles/d41586-018-05089-x)
- BEAN forum past programs - [bean.edu.au/past-programs-cubenet-and-bean-forums-2/](http://bean.edu.au/past-programs-cubenet-and-bean-forums-2/)
- Art meets Science exhibition - [www.des.qld.gov.au/science/education/art-meets-science-exhibition/](http://www.des.qld.gov.au/science/education/art-meets-science-exhibition/)
- The fascinating confluence of aesthetics and analytics - [theanalyticalscientist.com/issues/0815/when-art-meets-science/](http://theanalyticalscientist.com/issues/0815/when-art-meets-science/)
- Symbiotica, artistic laboratory dedicated to research, learning and engagement with life sciences (UWA) - [www.symbiotica.uwa.edu.au/](http://www.symbiotica.uwa.edu.au/)

Papers should be between 3000-6000 words in length. Guidelines for authors are available at: [openjournals.library.sydney.edu.au/index.php/CAL/about/submissions#authorGuidelines](http://openjournals.library.sydney.edu.au/index.php/CAL/about/submissions#authorGuidelines)

### Abstracts due: 31 October, 2018

Interested authors should initially submit a 250-word abstract for consideration to Stephanie Beames at [s.beames@uq.edu.au](mailto:s.beames@uq.edu.au). This expression of interest is to help ensure that the final edition addresses a broad range of disciplines and challenges.

### Manuscripts due: 1 February, 2019

Reviews will be returned in March, with **final versions due April 2019**

This special issue will be published online in mid-2019 at: [openjournals.library.sydney.edu.au/index.php/CAL](http://openjournals.library.sydney.edu.au/index.php/CAL)

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