



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

## **Inquiry and Problem-Solving in the Undergraduate Science Curriculum**

**Guest Editors: Dr Gerry Rayner and Dr Christopher Thompson (Monash) and Professor Les Kirkup (UTS)**

Inquiry and problem solving are prominent in the recently-published Science Learning and Teaching Academics Standards Statement ([www.acds.edu.au/tlcentre/centreprojects](http://www.acds.edu.au/tlcentre/centreprojects)). The purpose of this special issue of IJ-ISME is to inspire and motivate academics from all science disciplines to place greater emphasis on inquiry and problem-solving through the application of inquiry oriented learning (IOL) strategies into their undergraduate curricula. We are calling for papers describing concrete examples of IOL activities, underpinned by scholarship, which can be built upon and adapted by academics across science disciplines.

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

Important dates:

### **Abstracts due: 5 December, 2014**

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

### **Manuscripts due: 20 February, 2015**

Reviews will be returned in April, with **final versions due June 2015**

This special issue will be published online in September 2015, to be launched at the **ACSME 2015 conference at Curtin University**: [escholarship.usyd.edu.au/journals/index.php/CAL](http://escholarship.usyd.edu.au/journals/index.php/CAL)

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For further information about **Inquiry Oriented Learning in Science** visit:

[www.IOLscience.com.au](http://www.IOLscience.com.au)