FACULTY OF SCIENCE
AND ENGINEERING

MACQUARIE
University

FSE STAFF TRAVEL SCHEME | Outcomes Report

Name of Traveller: Sue Lindsay  Category: Professional Staff Development

Categories: ECA/New Staff, International Collaboration, Strategic Initiative, Teaching Innovation, Professional Staff Development - Provide a brief report of one A4 page, outlining the outcomes of the travel. The report, due 4 weeks after conclusion of the travel, should be suitable for publication to Faculty/Department/School newsletters, websites, etc.

LMA 2019 (Light Microscopy Australia) Conference Attendance

The 2nd Light Microscopy Australia National (LMA 2019) Conference was hosted and held at the Translational Research Institute, Woolloongabba, Queensland, 6-8 March 2019. This conference occurs biannually and is hosted by Australia's leading research institutes.

The Translational Research Institute (TRI) is a unique, Australian-first initiative of "Bench to Bedside" medical research. TRI combines clinical and translational research to advance progress from laboratory discovery to application in the community. (www.tri.edu.au)

The LMA 2019 National conference brought together over 300 domestic and international delegates all there to discuss the latest topics in microscopy and microscopy-based research applications.

Over two intensive days of oral presentations there was 32 speakers (4 sponsored, 13 invited, 15 domestic), 35 presentations in 9 sessions. The session topics included: Live Cell Imaging, Image Analysis and Informatics, Tissue Mechanics and Materials, Tissue Staining and Imaging, Emerging and Novel Technologies, Super-Resolution and Molecular Imaging, Intravital/Functional/Dynamic Imaging, Part A & B and Current Challenges and Opportunities for Optical Microscopy.

The third day ran 9 separate intensive workshops and Technology Showcase. Including: Super Resolution, Hand Held Confocal, Tissue Clearing and Light Sheet, Turnkey Light Sheet, Multiphoton Confocal, IMB Facility Tour, Analysis, Pre Clinical Imaging and Phanse focus.

The conference was very supported by Microscopy trade companies who not only demonstrated their latest instruments, they participated in the oral presentations, workshops and the Technology showcase. Companies included Olympus, Zeiss, ATA, GE Healthcare, Coherent Scientific, Bitplane Imaris, Leica, Beckman Coulter, Newspec, Perkin Elmer, TrendBio, AXT, Optiscan, Scitech, Millenium, John Morris, Lastek and DKSH Ibid.

As an LMS Executive Board member - NSW representative and the Microscopy Unit Manager I was delighted to be a part of such a dynamic, collaborative Light Microscopy Conference where new, revolutionary research in the field of life science is being conducted within Australian research facilities and discussed openly.

I urge researchers, students, facility personnel to become an LMA member and participate/attend the next LMA conference 2012 held in Sydney.

Signature:  Date: 11/04/19

Email the completed report to Meredith Lowe (meredith.lowe@mq.edu.au), FSE Operations Manager

Faculty of Science and Engineering – Staff Travel Scheme – Outcomes Report