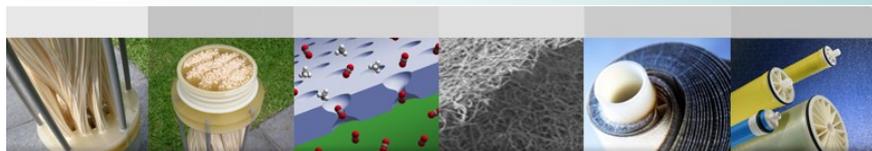




Membrane Society of Australasia NEWSLETTER



Vale Associate Professor Darrell Patterson



Associate Professor Darrell Patterson, aged 42 years, passed away on Sunday 19 February. Darrell was an outstanding membrane researcher and had a professional passion for sustainable chemical technologies. His breadth of expertise spanned from synthesis and characterisation of cutting edge membrane materials to innovative applications of membranes in water treatment, catalytic reaction and reactor engineering. Darrell's activities as a membrane researcher commenced in 2003 when he joined Imperial College as a post-doctoral research associate developing novel methods for enhancing solvent based pharmaceutical reactions through integration with solvent resistant membranes. He then returned to his home country New Zealand to further pursue his membrane research interests, taking a position at the University of Auckland in 2005 as a Lecturer, and then Senior Lecturer, in the Department of Chemical and Materials Engineering. In 2009 he volunteered to join the establishment of the Membrane Society of Australasia, becoming the first New Zealand Representative committee member. He then joined the board of directors on 10th May 2010 and remained until 6th July 2011 when we moved to the University of Bath to take on an exciting opportunity to further build his research profile. It was in this position he most recently led the Bath Process Intensification Laboratory and the University of Bath Membrane Science and Engineering Research Cluster, Membranes@Bath, as well as establishing the Centre for Advanced Separations Engineering and serving as Director until his passing. Darrell was highly regarded in the European research community, holding a prestigious European Research Council Consolidator Grant, recognising his talent and pursuit of highly innovative research. Darrell last visited Australia and New Zealand as part of his attendance to the 9th International Membrane Science and Technology Conference (9th IMSTEC) in 5-8 December in Adelaide with members from his research group. Darrell's excellent research, passion for his professional membrane community and vibrant personality will be deeply missed. We thank him for his contributions to international progress in membrane science and to the membrane community.

Mikel Duke, Stephen Gray and Bradley Ladewig

MSA Annual General Meeting to be held in May 2017 in Sydney

The MSA Annual General Meeting 2017 will be held this coming May in Sydney, Australia. We encourage the MSA members to attend such event. Watch out for more announcements and updates in the coming weeks.

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MINI SYMPOSIUM

Date: 10 April 2017

Time: 6:15—7:15 pm (drinks from 5:30 pm)

Location: G20 Lecture Theatre, Chemical and Biomolecular Engineering, Bldg 165, The University of Melbourne

Speakers and topics:



Benny Freeman, PhD is the Richard B. Curran Centennial Chair in Engineering at The University of Texas at Austin. His research group focuses on structure/property correlation development for desalination and gas separation membrane materials, new materials for hydrogen separation, natural gas purification, carbon capture, and new materials for improving fouling resistance and permeation performance in liquid separation membranes.

Topic: Synthesis, Characterization and Modelling of Gas Permeation and Separation Properties of Thermally-Rearranged Polymers



Daniel J. Miller, PhD is a staff scientist at the Joint Centre for Artificial Photosynthesis at Lawrence Berkeley National Laboratory in Berkeley, CA. His present research focus is the development of membranes for solar fuels devices, including the study of small molecule transport through polyelectrolytes.

Topic: Membrane Technology for Solar-Driven Carbon Dioxide Reduction

UPCOMING CONFERENCES



2017 International Congress on Membranes and Membrane Processes

(29 July—4 August 2017, California, USA)
<http://www.icom2017.org/home.html>



3rd International Conference on Desalination using Membrane Technology (2-5 April, 2017, Gran Canaria, Spain)

<http://www.desalinationusingmembrane.com/>



8th IWA Specialist Conference on Membrane Technology for Water and Wastewater Treatment, 5-9 September 2017, Singapore (<https://www.iwa-mtc2017.com/>)



AMS11

The 11th Conference of the Asean Membrane Society



July 2018
 Brisbane, Australia

Abstract deadline
 19th January 2018

Contact

Prof Mikel Duke and Dr Simon Smart
ams11committee@gmail.com

MSA Travel Award Program

In order to assist MSA student and ECRs to attend international conferences, the MSA will sponsor travel awards to support their travel and attendance costs to a maximum of \$500 AUD. Details of travel award application on each conference will be announced to MSA members several months before the deadline of its abstract submission. For 2017, travel fund is allocated to all conferences related to membrane science. The recipients will receive the cash prize into their project or travel account. Their success in receiving the award will be announced to MSA members.

Eligibility

Student or ECR members; Submission of an abstract to the conference (*In order to receive the award, applicants will need to have their abstract approved for an oral or poster presentation at the conference.)

Selection Criteria

Applicants will be selected by a panel of judges looking for the most significant research to science/industry and who have the greatest need for financial assistance.

Contact: Prof Greg Leslie (award@membrane-australasia.org)

MEMBRANE RESEARCH HIGHLIGHTS

[Contaminant Removal from Source Waters Using Cathodic Electrochemical Membrane Filtration: Mechanisms and Implications](#), Environmental Science and Technology

[Highly crosslinked, chlorine tolerant polymer network entwined graphene oxide membrane for water desalination](#), Journal of Materials Chemistry A

[Plasma-induced physicochemical effects on a poly \(amide\) thin-film composite membrane](#), Desalination

[Membrane-based seawater desalination: Present and future prospects](#), Desalination

[CF 4 plasma-modified omniphobic electrospun nanofiber membrane for produced water brine treatment by membrane distillation](#), Journal of Membrane Science

MSA Workshop Funding Support Program 2017: Call for proposals and applications

The MSA Funding Support Program provides funding support to membrane-related events such as workshop and symposia that are held in Australasia.

Who can apply for the MSA workshop support program?

All MSA members can apply for funding support from the MSA.

How to apply?

The application form must be submitted to the MSA at your earliest time before the date of the event. Please advise the MSA as soon as possible of any planned event so that we can consider it for budgeting. The chances of success are likely to be improved by an early application. The outcome of the application will be announced approximately 1 month after the submission of the application.

Contact us

For further information, contact the funding program coordinators at the following email address: workshop@membrane-australasia.org

EDITORS:

[Prof. Huanjing Wang](#)
 Monash University, Email: huanjing.wang@eng.monash.edu.au

[A/Prof. Hokyoung Shon](#)
 University of Technology Sydney, Email: Hokyoung.Shon-1@uts.edu.au

[Dr. Leonard D. Tijing](#)
 University of Technology Sydney, Email: leonard.tijing@uts.edu.au

Please contact the editors if you wish to contribute any article to future editions or send message to newsletter@membrane-australasia.org.

