



Inspiring Innovation and Excellence



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PROFESSIONAL EXPERIENCE

Tony Fane is a Chemical Engineer with a PhD from Imperial College, London. He has been working on membranes since 1973 when he joined the University of New South Wales, in Sydney, Australia. He is a former Head of School of Chemical Engineering and Industrial Chemistry at UNSW. His current interests are in membranes applied to environmental applications and the water cycle, with a focus on the sustainability aspects of membrane technology, including membrane bioreactors, desalination and reuse.

He is a former Co-Director of the UNESCO Centre for Membrane Science and Technology at UNSW where he continues to work with colleagues. From 2002 to 2006 he was Temasek Professor at Nanyang Technological University, Singapore with a programme in Membrane Technology for Sustainable Water. He is currently Director of the Singapore Membrane Technology Centre (SMTC) at NTU. In the SMTC a group of over 85 researchers are engaged in fundamental and applied research into membranes for the water cycle. Projects include water treatment, desalination, fouling control, novel MBRs, membrane distillation, forward osmosis, biomimetic membranes, hybrid processes, monitoring and sensing and life cycle assessment of membrane processes. The SMTC actively collaborates with industry and other research centres.

Professor Fane is also on the Editorial Boards of the Journal of Membrane Science (a former editor from 1992 to 2005) and Desalination. He is a Fellow of the Australian Academy of Technological Sciences and Engineering, a recipient of the Centenary Medal in 2002 for services to Chemical Engineering and the Environment and an Honorary life member of the European Membrane Society. He is also the Patron of the Membrane Society of Australasia.