

Faculty



Professor Jonathan H. Waters

Dr Jonathan Waters is currently a Professor in the Departments of Anesthesiology and Bioengineering at the University of Pittsburgh; Chief of the Division of Anesthesiology at Magee-Womens Hospital of the University of Pittsburgh Medical Center; Vice Chair for Clinical Research for the Department of Anesthesiology; Medical Director for the Acute and Interventional Pain Program at UPMC; Program Director, Acute Pain and Regional Anesthesiology fellowship and, a member of the McGowan Institute for Regenerative Medicine. In addition, he is Medical Director of the Patient Blood Management program of UPMC and Medical Director of the Blood Management Division for Procirca, Inc which is a UPMC owned Biomedical Engineering Company. His areas of expertise primarily focus on transfusion management, blood salvage and obstetrics. He has been federally funded to support investigation in these areas with over 100 peer-reviewed publications as well as four books on the topic of blood management as well as a book on neurologic disease in pregnancy. In addition to conducting research, he has served on the editorial board of the journal, Transfusion, and is currently serving as an Associate Editor. He is a past president of the Society for the Advancement of Blood Management (SABM). He served on the Board of Directors of the AABB between 2011 and 2015. He co-chaired the blood management technical advisory panel for the Joint Commission from 2007 to 2011. This panel developed performance measures related to blood management. He now serves as chair of a technical advisory panel to make these measures electronic continuous quality measures



Dr Kerry Gunn

Dr Kerry Gunn MBChB FANZCA DA (UK) has been an EAG member since 1994 and served on the management committee in 1999.

Dr Gunn graduated in Medicine in Auckland and trained in anaesthesia in London at the Royal Postgraduate School at Hammersmith in Anaesthesia and Intensive Care.

In 1992 Dr Gunn took up a position in the University of Washington, Seattle as Assistant Professor of Anaesthesiology, specialising in Trauma and Liver Transplant Anaesthesia.

Dr Gunn returned to New Zealand to lead the anaesthesia group responsible in setting up the first New Zealand Liver Transplant Programme.

Dr Gunn works both in private practice and public, working as a specialist consultant at Auckland City Hospital. He is a final examiner in the Australasian and New Zealand College of Anaesthetists.

His research interests have been in volatile anaesthetics, monitoring of coagulopathy, Thrombelastography, and recombinant fVIIa

He chairs The Auckland Blood transfusion Committee. Who have introduced a systematic change in blood product use throughout their hospitals, with guidelines on Massive Transfusion, TEG and coagulation management, red cell use and quality systems to reduce error and waste. They are currently looking at the effectiveness of systems and education to change blood prescribing practices and reducing inappropriate transfusion.



Professor James Isbister AM

Professor James Isbister, a graduate of the University of New South Wales, is Clinical Professor of Medicine at the University of Sydney and an Emeritus Consultant Haematologist at Royal North Shore Hospital in Sydney. He also is an Adjunct Professor, University of Technology, Sydney and has conjoint professorial appointments at the UNSW and Monash University. Prof Isbister is the recent past Chair of the Advisory Committee and Board Member of the Australian Red Cross Blood Service. He was a board member of the Society for the Advancement of Blood Management in the US and currently the Medical Society for Patient Blood Management as well on the editorial board of several journals. Professor Isbister has a special interest in medical teaching and is in regular demand as a national and international speaker, being well known for some of his iconoclastic views. He has had a wide range of research interests, particularly in transfusion medicine and patient blood management. He was involved in setting up the first cell separator apheresis unit in a general hospital in Australia, with a particular interest in therapeutic plasma exchange, and was on the team that did the first allogeneic bone marrow transplant in Australia. Prof Isbister's has over 100 publications in the scientific literature and is the author of three textbooks on haematology and transfusion medicine and contributes chapters to several major textbooks. He has been an examiner for the post-graduation colleges and was chief examiner in haematology and transfusion medicine for the Royal College of Pathologist of Australasia from 1989-1995. Professor Isbister is a past-president of the Australian and New Zealand Apheresis Association and was president of the 8th congress of the World Apheresis Association held in Perth in 2000.

His contributes have been acknowledged by his peers by life membership of the Haematology Society of Australia and New Zealand and the Australian and New Zealand Society of Blood Transfusion. In 2000 he was awarded the Peter Schiff award for contributions to Transfusion Medicine in Australia and New Zealand presented the Carl De Gruchy orator for the Haematology Society. In 2004 he was Ruth Sanger Orator for the Australian and New Zealand Society of Blood Transfusion. In recognition of his international contributions to patient blood management and quality & safety in transfusion medicine he was the recipient of the 2008 President's Award of the Society for the Advancement of Blood Management presented at the annual meeting in Baltimore in the United States. He was the 2010 Newcastle Heritage fellow, New South Wales, Australia and in 2010 was received a distinguished service award from the Australian Red Cross. He is currently chair of the Human Research Ethics Committee of the South Eastern Sydney Health District. In 2014 he was made a member of the Order of Australia for his contributions to haematology and transfusion medicine and to professional organisations.



Dr Bruce Cartwright

Dr Bruce Cartwright currently works as a Cardiac Anaesthesiologist and Medical Perfusionist at Royal Prince Alfred and St Vincent's Hospitals in Sydney, Australia following training in cardiac anaesthesia in Australia (St Vincent's Hospital), the United

States (Childrens' Hospital of Philadelphia) and at Green Lane, New Zealand (Auckland City Hospital). His cardiac anaesthesia practise also involves thoracic (heart/lung) transplantation, mechanical support devices (LVAD, ECMO) and minimally invasive/hybrid surgery together with medical perfusion and ECMO retrieval.

He has been integrally involved in setting up point-of-care testing for cardiac surgery at Royal Prince Alfred Hospital and has undertaken research into perioperative platelet function, especially in the context of cardiopulmonary bypass.

He is a member of the Society of Cardiovascular Anesthesiologists and the Cardiothoracic, Vascular and Perfusion Special Interest Group of the Australian and New Zealand College of Anaesthetists, a member of the ANZCA Quality and Safety Committee and an Examiner for the Fellowship with ANZCA.

His presentations include 2010 and 2011 talks at the International Society of Hematology Congress in Auckland and Sydney on the role of point-of-care (POC) based management of haemostasis for cardiac surgery and in 2012 at the Asia Pacific Meeting on POC guided coagulation management, Bleeding risk assessment of patients scheduled for cardiac surgery on antiplatelet therapy.



Professor Robert A Baker

Rob is the Director of Cardiac Surgery Research & Perfusion at Flinders Medical Centre's in Adelaide, a position he has held since 2003. In that time Rob has worked to achieve better outcomes for patients undergoing cardiac surgery. Rob is currently the Chair of the Australian and New Zealand Collaborative Perfusion Registry and Chair's the International Consortium for Evidence Based Perfusion, and is on the Steering Committee for the Australia and New Zealand College of Cardiac and Thoracic Surgery Database and Research Committees. Rob has published over 100 peer reviewed articles and is currently a member of the Society of Thoracic Surgeons Perfusion Task Force developing Evidence Based Clinical practice Guidelines for the Perfusion profession. Rob was involved in the development of the STS/SCA/AmsECT Blood Management Guidelines in 2011, and chairs the Southern Area Local Health Network Blood Management Committee and is a member of the South Australian State Blood Management Council.