

RAH ICU

Training and Research 2014



It is important to recognize the hard work and achievements of our staff in ICU.

In addition to our clinical work, we have continued to run highly successful teaching and research programs, and in this Newsletter we highlight some of these achievements in the past 18 months.

We plan to make this an annual publication, so if you are aware of any other achievements that we have unfortunately omitted, please let us know!

SOME OF OUR 2013/2014 ACHIEVEMENTS

RESEARCH

42 publications in peer-reviewed journals (thus far!)

Numerous Awards and Prizes for RAH ICU staff including;

- 2013 Rhodes Scholarship
- 2013 SA Science Excellence Award
- 2013 Dawes Scholarship
- 2013 NHMRC Scholarship
- 2013 AR Clarkson Scholarship
- 2013 Matt Spence Medal (ANZICS)
- 2013 Australian Diabetes Society Young Investigator Award
- 2013 and 2014 Tub Worthley Travelling Scholarship

TEACHING AND TRAINING

CICM Fellowship Exam pass rate of 86% from 2002-2014 (cf overall Aus/NZ pass rate of 55%)

Don Harrison Medal (CICM) 2014

Highly successful Primary and Fellowship Exam Courses

Involvement in number of other Courses including commencement in 2014 of;

- BASIC Courses at RAH
- Critical Care Ultrasound Course

RAH ICU Facts and Figures

The Royal Adelaide Hospital ICU is the busiest Level 3 Unit in South Australia, and in 2013 we admitted 3048 patients into the 42 beds. Of the ICU-level patients last year, about 17% were as a result of trauma, with a further 2.5% from burn injuries. There were also 79 with cardiac arrest, 90 with a primary diagnosis of acute myocardial infarction, CCF or cardiogenic shock, 107 with overdose, 54 with nontraumatic SAH and 14 with PE.

The Unit currently has 42.5 Registrars (13 registered CICM trainees) from a variety of backgrounds and with vastly differing levels of experience – making the writing of a safe and workable roster extremely challenging for our Unit Secretary, Kris Gabell, who does a fantastic job with it.

Teaching and Training

Congratulations to Yasmine Ali Abdelhamid who not only passed the CICM Fellowship Exam in May, but won the Don Harrison Medal for topping it. She has recently left for Toronto to undertake a Fellowship at Sunnybrook for 1-2 years.

Of note, the overall pass rate across Australia and NZ for the Fellowship Exam since 2002 has been 55%, as compared to 86% at the RAH.

Yasmine also won the Matt Spence Medal in Hobart last year at the Australian and New Zealand Intensive Care Society ASM. This is awarded for the best registrar research presentation, and of the 6 finalists, 3 were from the RAH ICU.

The Tub Worthley Travelling Scholarship was won by Mark Plummer in April this year. This is awarded for the best registrar research presentation at the annual South Australian ANZICS meeting. Yasmine was the winner in 2013.

The 30th running of the Australian Short Course in Intensive Care Medicine was held in February this year, with 36 candidates from Australia and New Zealand. This Course is aimed at CICM trainees planning to sit the Fellowship Examination in the next 12 months, and includes sessions on the written paper, vivas, investigation interpretation, and hot cases over 3 days. Hot Case practice sessions are held at the RAH, QEH and FMC.

An enormous amount of work goes into the Course, with 24 faculty this year, including 12 from the RAH and 5 from interstate.

We also started running Basic Assessment and Support (BASIC) Courses at the RAH this year, with the first course run in April and another planned for November.

The highly regarded annual RAH Primary Examination Course will be run in August, and will be coordinated as usual by Mark Finnis.

A list of upcoming ICU Courses is included at the end of this Newsletter.





Research

RAH ICU Research Achievements for 2013

RAH ICU Research goes from strength to strength and 2013 was an outstanding and successful year. For starters, members of our research team were given a number of prestigious awards and prizes. Associate Professor Adam Deane, one of our ICU specialists and an active clinical researcher, won the South Australian Science Excellence Award for Early Career Professionals in Health and Medical Sciences; A/Prof Adam Deane has also been awarded a highly sought after NHMRC Early Career Fellowship; Dr Matthew Maiden, also an ICU specialist and PhD student won the College of Intensive Care, Best Free Paper, at the Annual Scientific Meeting; Dr Mark Plummer, an ICU medical trainee and PhD student won the Australian Diabetes Society Young Investigator Award and has also been awarded an NHMRC scholarship; Dr Yasmine Ali Abdelhamid another ICU medical trainee won the Tub Worthley Travelling Scholarship awarded for the best presentation by a South Australian trainee in intensive care medicine and then also won the Matt Spence Medal awarded to the best presentation by a trainee at the Australian & New Zealand Intensive Care Society, Annual Scientific Meeting; Dr Victoria Bennett, a visiting ICU registrar from the UK, presented the runner up poster at the Intensive Care Society State of the Art Meeting, London from work done at the RAH. Finally, one of our honours students, Mr Mahesh Umapathysivam was awarded a Rhodes Scholarship.

ICU research covers a numbers of areas of interest. As investigators with the Centre of Research Excellence into the Translation of Nutritional Science into Good Health, A/Professors Marianne Chapman and Adam Deane are developing international profiles looking at gastrointestinal pathophysiology and nutrition in the critically ill. A/Prof Adam Deane is also running a research program looking at the novel use of incretins in the management of stress-induced hyperglycaemia. He has been selected to represent the Australia and New Zealand Intensive Care Society at the 34th International Symposium on Intensive Care and Emergency Medicine in Brussels in March 2014 and present his work in this area.

A/Professor Arthas Flabouris has a long standing research program investigating the place of Medical Emergency Teams and ICU outreach programs in the provision of medical care in Australia. Dr Matt Maiden is completing a PhD looking at thyroid function during severe sepsis and Dr Ben Reddi is completing a PhD looking at vascular responsiveness in sepsis.

As a unit, we are also active participants of the Australian & New Zealand Intensive Care Society Clinical Trials Group. In 2013 Dr Krish Sundararajan ran a study looking at whether early goal directed resuscitation improves survival in patients with early severe sepsis. This was done in collaboration with the ICU at TQEH and could not have been completed without the support and input from our friends in the RAH Emergency Department.

Dr Richard Strickland is currently running a trial looking at the effect of EPO administration in patients with severe head injury. Dr David Evans is running a study, with the help of Transfusion, looking at whether the age of transfused blood affects survival in ICU patients.

There are many other active researchers in our group. In 2013 the unit produced 23 publications, received just under \$1 million in grant money, and the researchers were invited to give 7 presentations to national and international meetings. The unit also has collaborations with industry. Ms Stephanie O'Connor is the research manager and mentor of ICU nurses interested in research and is the past president of the Intensive Care Research Coordinators Interest Group (subcommittee of the ANZICS CTG). We have a number of higher degree students including from allied health and nursing. Our research flourishes because of the active engagement, participation and support of all our ICU nursing and medical staff. There is a culture of research support within the ICU, which is as important for the above successes as any individual effort.

Summary of recent achievements of our higher degree students:

Rhodes Scholarship Mr Mahesh Umapathysivam 2013

Australian Diabetes Society Young Investigator Award Dr Mark Plummer 2013

South Australian Science Excellence Award For Early Career Professional In Health And Medical Sciences A/Prof Adam M Deane 2013

Tub Worthley Travelling Scholarship Dr Yasmine A Abdelhamid 2013

Tub Worthley Travelling Scholarship Dr Mark Plummer 2014

Australian & New Zealand Intensive Care Society (ANZICS) Matt Spence Medal Dr Yasmine A Abdelhamid 2013

College Of Intensive Care Medicine (CICM) Best Free Paper Dr Matthew Maiden 2013

Runner Up Poster Prize, Intensive Care Society State Of The Art Meeting, UK Dr Victoria A Bennett 2013

Society Of Critical Care Medicine Young Investigator Award A/Prof Adam M Deane, 2012

Society Of Critical Care Medicine Research Citation Finalists A/Prof Adam M Deane 2012

Australian New Zealand Intensive Care Society (ANZICS) Best Medical Paper A/Prof Adam M Deane 2011

College Of Intensive Care Medicine (CICM) Best Free Paper A/Prof Adam M Deane 2009

Australian Diabetes Society (ADS) Finalist - Young Investigator Award A/Prof Adam M Deane Australian Diabetes Society Annual Scientific Meeting 2009

Australian New Zealand Intensive Care Society (ANZICS) Best Medical Paper A/Prof Adam M Deane 2008

Australian Society For Parenteral And Enteral Nutrition Bob McMahon Research Award For Best Presentation Relating To Enteral Nutrition A/Prof Adam M Deane 2008

ICU Registrar involvement in Research

Registrars, and ICU trainees in particular, are actively encouraged to participate in research on the Unit, both in terms of personal research and larger trials.

Significant support is also available for CICM trainees for their Formal Project requirements, and they are encouraged to present and publish their results.

The Tub Worthley Travelling Scholarship Dinner is run annually with the support of Pfizer, and provides trainees with an excellent opportunity to present their research to Intensive Care colleagues from across the State, and compete for the Scholarship.

Trainees are also encouraged to present their research at the annual Australian and New Zealand Intensive Care Society (ANZICS) ASM and the CICM ASM.

We have had a number of winners of the Matt Spence Medal for the best registrar research presentation at the ANZICS Annual Scientific Meeting – including last year!

Research Publications in 2013/ 2014

1. Burgstad CM, Besanko LK, Deane AM, Nguyen NQ, Saadat-Gilani K, Davidson G, Burt E, Thomas A, Holloway RH, Chapman MJ, and Fraser RJL 2013, 'Sucrose Malabsorption and Impaired Mucosal Integrity in Enterally Fed Critically Ill Patients: A Prospective Cohort Observational Study.' *Critical Care Medicine*, May;41(5):1221-1228.
2. Chalwin RP, Flabouris A 2013, 'Utility and assessment of non-technical skills for rapid response systems and medical emergency teams.' *Intern Med J* Sep;43(9):962-9.
3. Chapman MJ, Nguyen NQ, and Deane AM 2013, 'Gastro-intestinal dysmotility - evidence and clinical management.' *Current Opinion in Nutrition and Metabolic Care*, Mar;16(2):209-216.
<http://www.ncbi.nlm.nih.gov/pubmed/23334174>
4. Coventry C, Flabouris A, Sundararajan K, Cramey T 2013, 'Rapid Response Team calls to patients with a pre-existing Not for Resuscitation order.' Accepted by *Resuscitation*.<http://www.ncbi.nlm.nih.gov/pubmed/23376582>
5. Czapran A, Headdon W, Deane AM, Lange K, Chapman MJ, Heyland DK 2013, 'International observational study of nutritional support in mechanically ventilated patients following major burn injury.' Submitted to *Burns*.
6. Burgstad CM, Besanko LK, Deane AM, Nguyen NQ, Saadat-Gilani K, Davidson G, Burt E, Thomas A, Holloway RH, Chapman MJ, and Fraser RJL 2013, 'Sucrose Malabsorption and Impaired Mucosal Integrity in Enterally Fed Critically Ill Patients: A Prospective Cohort Observational Study.' *Critical Care Medicine*, May;41(5):1221-1228.
7. Chalwin RP, Flabouris A 2013, 'Utility and assessment of non-technical skills for rapid response systems and medical emergency teams.' *Intern Med J* Sep;43(9):962-9.
8. Chapman MJ, Nguyen NQ, and Deane AM 2013, 'Gastro-intestinal dysmotility - evidence and clinical management.' *Current Opinion in Nutrition and Metabolic Care*, Mar;16(2):209-216
9. Coventry C, Flabouris A, Sundararajan K, Cramey T 2013, 'Rapid Response Team calls to patients with a pre-existing Not for Resuscitation order.' Accepted by *Resuscitation*.<http://www.ncbi.nlm.nih.gov/pubmed/23376582>
10. Czapran A, Headdon W, Deane AM, Lange K, Chapman MJ, Heyland DK 2013, 'International observational study of nutritional support in mechanically ventilated patients following major burn injury.' Submitted to *Burns*.
11. Deane AM, Rayner CK, Keeshan A, Cvijanovic N, Marino Z, Nguyen N, Chia B, Summers MJ, Sim JA, Van Beek T, Chapman MJ, Horowitz M, Young R 2013, 'Dysregulation of an intestinal glucose sensor, transporters and absorption in critically ill humans and mice.' *Critical Care Medicine* (in press).
12. Deane AM, Besanko LK, Burgstad CM, Chapman MJ, Horowitz M, and Fraser RJL 2013, 'Modulation of individual components of the gastric motor response to duodenal glucose.' *World J of Gastroenterol*, Sep;19(35):5863-9.
<http://www.ncbi.nlm.nih.gov/pubmed/24124331>
13. Deane AM and Horowitz M 2013, 'Dysglycaemia in the critically ill - significance and management.' *Diabetes Obesity and Metabolism*, Sep;15(9):792-801.<http://www.ncbi.nlm.nih.gov/pubmed/23368662>
14. Deane AM and White MG 2013, 'Should hospitals have intensivist consultants in-house 24 hours a day? No.' *Medical Journal of Australia*, 198 (6): 309.<http://www.ncbi.nlm.nih.gov/pubmed/23545023>
15. Deane AM, Dhaliwal R, Day A, Ridley EJ, Davies AR and Heyland DK 2013, 'Comparisons between intragastric and small intestinal delivery of enteral nutrition: A systematic review and meta-analysis.' *Critical Care*, Jun 21;17(3):R125. <http://www.ncbi.nlm.nih.gov/pubmed/23799928>

15. Dooney NM, Sundararajan K, Ramkumar T, Somogyi AA, Upton RN, Ong J, O'Connor SN, Chapman MJ, Ludbrook GI 2013, 'Pharmacokinetics of tramadol after subcutaneous administration in a critically ill population compared with a healthy cohort.' Submitted to BMC Anesthesiology.
16. Flabouris A, Jeyadoss J, Field J, Soulsby T 2013, 'Association between Emergency Department length of stay and outcome of patients admitted either to a Ward, the Intensive Care or a High Dependency Unit.' *Emerg Med Australas*, 2;25:46-54.. <http://www.ncbi.nlm.nih.gov/pubmed/23379452>
17. Huynh D, Chapman MJ, Nguyen NQ 2013, 'Nutrition support in the critically ill.' *Curr Opin Gastroenterol*, Mar;29(2):208-15.
18. Lee MY, Fraser JD, Chapman MJ, Sundararajan K, Umapathysivam MM, Summers MJ, Zaknic AV, Rayner CK, Meier JJ, Horowitz M, and Deane AM 2013, 'The effect of exogenous glucose-dependent insulintropic polypeptide in combination with glucagon-like peptide-1 on fasting and enteral nutrient stimulated glycaemia in critically ill patients: A randomized double-blind cross-over study.' *Diabetes Care*, Oct;36(10):3333-6. <http://www.ncbi.nlm.nih.gov/pubmed/23835687>
19. Nguyen N, Bryant LK, Burgstad CM, Chapman MJ, Deane A, Bellon M, Lange K, Bartholomeuz D, Horowitz M, Holloway RH, Fraser RJ 2013, 'Gastric emptying measurement with the ¹³C-octanoate breath test in critically ill patients: a comparison with scintigraphy.' *Intensive Care Med*, Jul;39(7):1238-46.
20. Plummer MP, Meier JJ, Deane AM 2013, 'The gut-brain axis in the critically ill: Is glucagon-like peptide-1 protective in neurocritical care?' *Crit Care* Jul 9;17(4):163. <http://www.ncbi.nlm.nih.gov/pubmed/23471513>
21. Plummer MP, Jones KJ, Annink CE, Cousins CE, Meier JJ, Chapman MJ, Horowitz M and Deane AM 2014, 'Glucagon-Like Peptide-1 attenuates the acceleration of gastric emptying induced by hypoglycemia in healthy subjects.' *Diabetes Care*, 37:1509-1515.
22. Plummer MP, Bellomo R, Zaknic AV, Sundararajan K, Reddi BAJ, Raj J, Chapman MJ, Horowitz M, Deane AM 2014, 'The impact of premorbid glycemia on the association between acute hyperglycemia and mortality in critically ill patients.' *Critical Care Medicine* (in press).
23. Reddi BAJ 2013, 'Why is saline so acidic (and does it really matter?)' *Int J Med Sci* 10(6):747-750.
24. Sim JA, Horowitz M, Summers MJ, Trahair LG, Goud RS, Zaknic AV, Hausken T, Fraser JD, Chapman MJ, Jones KL, and Deane AM 2013, 'Mesenteric blood flow, glucose absorption and blood pressure responses to small intestinal glucose in critically ill patients older than 65 years.' *Intensive Care Med*, Feb;39(2):258-66. <http://www.ncbi.nlm.nih.gov/pubmed/23096428>
25. Summers M, Di Bartolomeo A, Zaknic AV, Chapman MJ, Nguyen N, Zacharakis B, Rayner C, Horowitz M, Deane A 2013, 'Endogenous amylin and glucagon-like peptide-1 concentrations are not associated with the rate of gastric emptying in the critically ill.' *Acta Anaesthesiologica Scandinavica* (in press).
26. Umapathysivam M, Lee M, Jones K, Annink C, Cousins C, Trahair L, Rayner C, Chapman M, Nauck M, Horowitz M, Deane A 2014, 'Comparative effects of prolonged and intermittent stimulation of the glucagon-like peptide-1 receptor on gastric emptying and glycemia.' *Diabetes*, 63:785-790.
28. Plummer MP, Horowitz M, Deane AM: Incretins and the intensivist: what are they and what does an intensivist need to know about them? *Critical Care* 2014, 18(1):205-214 (IF 4.7)
29. Plummer MP, Annink CE, Sardana RR, Meier JJ, Chapman MJ, Horowitz M, Jones KL, Deane AM: GLP-1 attenuates the acceleration of gastric emptying induced by hypoglycaemia in healthy subjects. *Diabetes Care* 2014, 37(6):1509-1515 (IF 7.7)

30. Plummer MP, Bellomo R, Cousins CE, Annink CE, Sundararajan K, Reddi BAJ, Raj JP, Chapman MJ, Horowitz M, Deane AM: Dysglycaemia in the critically ill and the interaction of chronic and acute glycaemia with mortality. *Intensive Care Medicine* 2014, 40(7):973-980 (IF 5.3)
31. Plummer MP, Meier JJ, Deane AM: The gut-brain axis in the critically ill: is glucagon-like peptide-1 protective in neurocritical care? *Critical Care* 2013, 17(4):163 (IF 4.7)
32. Plummer MP, Reintam Blaser A, Deane AM: Stress Ulceration: prevalence, pathology and association with adverse outcomes. *Critical Care* 2014, 17(4):163
33. Chen J, Ou L, Hillman K, Flabouris A, Bellomo R, Hollis SJ, Assareh H. A population based study of the trends of cardiopulmonary arrest and mortality and their association with rapid response system expansion. Accepted by *MJA* 2014
34. Chen J, Ou L, Hillman K, Flabouris A, Bellomo R, Hollis S, Assareh H. The impact of implementing a rapid response team: A comparison of cardiopulmonary arrests and mortality among four large teaching hospitals (2002-2009) in Australia. Accepted by *Resuscitation* 2014
35. Sundararajan K, Wills S, Chacko B, Kanabar G, O'Connor S, Deane A. Impact of delirium and suture-less securement on accidental vascular catheter removal in the ICU. *Anaesth Intensive Care* 2014 Jul;42(4):473-479.
36. Dooney NM, Sundararajan K, Ramkumar T, Somogyi AA, Upton RN, Ong J, O'Connor SN, Chapman MJ, Ludbrook GL. Pharmacokinetics of tramadol after subcutaneous administration in a critically ill population and in a healthy cohort. *BMC Anesthesiol* 2014 May 12;14:33. doi: 10.1186/1471-2253-14-33. eCollection 2014.
37. Ncomanzi D, Sicut RM, Sundararajan K. Metformin-associated lactic acidosis presenting as an ischemic gut in a patient who then survived a cardiac arrest: a case report. *J Med Case Rep* 2014 May 21;8(1):159. doi: 10.1186/1752-1947-8-159.
38. Sundararajan K, Martin M, Rajagopala S, Chapman MJ. Posttraumatic stress disorder in close Relatives of Intensive Care unit patients' Evaluation (PRICE) study. *Aust Crit Care* 2014 May 7. pii: S1036-7314(14)00032-0. doi: 10.1016/j.aucc.2014.04.003. [Epub ahead of print]
39. Sundararajan K, Flabouris A, Keeshan A, Cramey T. Documentation of limitation of medical therapy at the time of a rapid response team call. *Aust Health Rev* 2014 May;38(2):218-22.
40. Ali Abdelhamid Y, Cousins CE, Sim JA, Bellon MS, Nguyen NQ, Horowitz M, Chapman MJ, Deane AM. Effect of critical illness on triglyceride absorption. *JPEN J Parenter Enteral Nutr* 2014 Jun 24. pii:0148607114540214. [Epub ahead of print]
41. Peake SL, Davies AR, Deane AM, Lange K, Moran JL, O'Connor SN, Ridley EJ, Williams PJ, Chapman MJ; for the TARGET Investigators of the Australian and New Zealand Intensive Care Society Clinical Trials Group. Use of a concentrated enteral nutrition solution to increase caloric delivery to critically ill patients: a randomized, double-blind, clinical trial. *Am J Clin Nutr* 2014 Jul 2. pii:ajcn.086322. [Epub ahead of print]
42. Nguyen NQ, Debrececi TL, Bambrick JE, Chia B, Deane AM, Wittert G, Rayner CK, Horowitz M, Young RL. Upregulation of intestinal glucose transporters after Roux-en-Y gastric bypass to prevent carbohydrate malabsorption. *Obesity (Silver Spring)* 2014 Jul 2. Doi:10.1002/oby.20829. [Epub ahead of print]

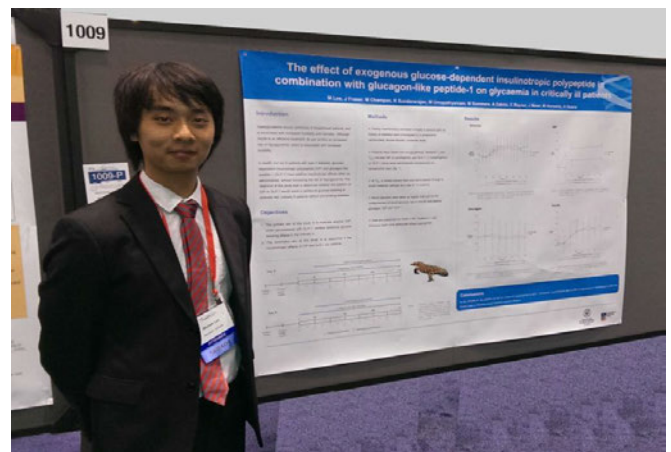
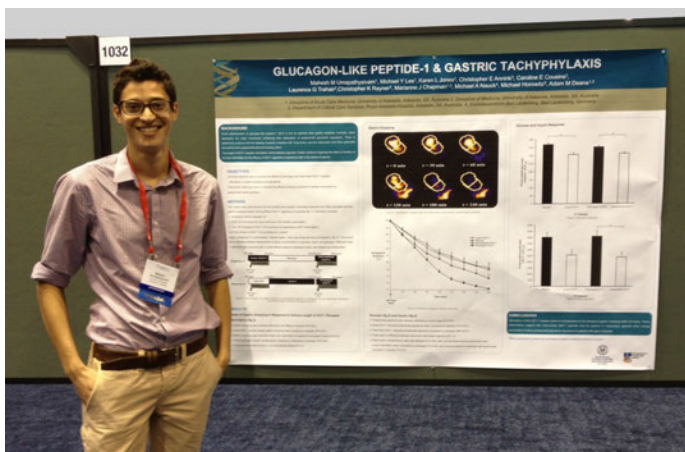
Book chapters 2013/2014

Plummer MP, Reintam Blaser A, Deane AM: Stress ulceration: Prevalence, pathology and association with adverse outcomes, *Annual Update in Intensive Care and Emergency Medicine* 2014, XII; 473-486, Springer

Maiden MJ, Chapman MJ. Multi-Organ Dysfunction Syndrome. *Oh's Intensive Care Manual*. (In press)

Maiden MJ, Peake S. Shock. *Oh's Intensive Care Manual*. (In press)

Peake S, Maiden MJ. Septic Shock – Management. *Oxford Textbook of Critical Care*. (In press)



Current Research Funding

2012-14: NHMRC Project Grant: Optimising nutrient delivery and absorption in critically ill patients.

Chapman M, Nguyen N, Rayner C, Jones K, Deane A, Horowitz M.

Value: \$542,500

2012-14: ARC Linkage Grant: The development of a potent new passive immunotherapeutic for the treatment and prevention of bacterial sepsis and septic shock.

Hayball JD, Sproston K, Chapman MJ.

Partner organisations: BTG Australasia P/K, Royal Adelaide Hospital.

Value: \$183,000

2012-14: NHMRC Project Grant: Causes and management of abnormally elevated blood glucose concentrations in the critically ill.

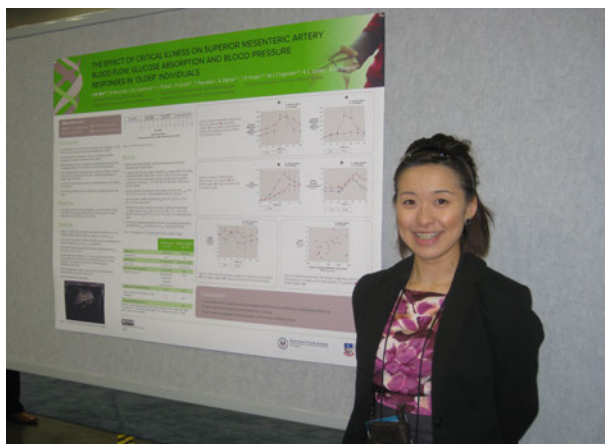
Deane AM

Value: \$416,175

2012-17: NHMRC CRE Grant 1041687: Centre of research excellence in translating nutritional science to good health. Horowitz M, Wittert G, Clifton P, Rayner C, Chapman I, Feinle Bisset C, Jones K, Noakes M, Chapman M, Nguyen N.

Value: \$2,499,990

- 2012-13: Royal Adelaide Hospital Clinical Research Grant for Allied Health-Pharmacy-Nursing: Speech production during mechanical ventilation via a cuffed tracheostomy tube: A feasibility study comparing two tracheostomy tube designs.
Pryor L, Ward E, Cornwell P, O'Connor S, Chapman M.
Value: \$6,000
- 2012-13: Speech Pathology Australia Postgraduate Research Grant: Speech production using a cuffed tracheostomy tube: A comparison of two tracheostomy tube designs.
Pryor L, Ward E, Cornwell P, O'Connor S, Chapman M.
Value: \$2,000
- 2013: ANZCA grant 13/012: The augmented versus routine approach to giving energy trial (TARGET) in Intensive Care: A feasibility study.
Chapman M, Peake S, Davies A, Deane A.
Value: \$34,300
- 2013: RAH RIBG grant
Value: \$70,000
- 2013: Diabetes Australia Research Trust General Grant: Optimal glucose targets in critically ill patients with pre-existing type-2 diabetes and chronic hyperglycaemia.
Deane AM, Bellomo R, Jenkins A, Horowitz M.
Value: \$60,000
- 2013: Intensive Care Foundation Research Grant: Pathology of the kidney in septic renal failure.
Maiden M.
Value: \$20,000
- 2014: Royal Adelaide Hospital Research Trust, Clinical Project Grant: The effect of routine pantoprazole administration when compared to placebo on gastrointestinal bleeding, ventilator-associated pneumonia and *Clostridium difficile* infection in enterally-fed mechanically ventilated critically ill patients: A prospective randomised study.
Plummer MP, Deane AM, Chapman MJ, Rayner C.
Value: \$49,139
- 2014: Intensive Care Foundation Inaugural Trainee Grant: Gallbladder motility in critical illness.
Plummer MP, Deane AM, Chapman MJ, Horowitz M, Jones K.
Value \$5,000



South Australian Intensive Care Association (SAICA)

SAICA is a not-for-profit association that oversees a number of educational courses in South Australia as well as promoting, encouraging and financially supporting educational and research activities in the area of Intensive Care Medicine.

It also awards travel scholarships to assist Intensive Care registrars and Honours/PhD students to present their research at international or national meetings.

In 2014, it has awarded scholarships to Dr Mark Plummer (RAH ICU) and Dr Palash Kar (RAH ICU) to present their PhD research at the Intensive Care Society State of the Art Meeting in England in December this year.

Application forms for these scholarships can be downloaded from the RAH ICU website at www.icuadelaide.com.au/saica.html.

Any questions should be directed to;

Nick Edwards
C/- ICU
Royal Adelaide Hospital
Email: chopper45@iprimus.com.au

ICU REGISTRAR POSITIONS

If you are interested in a position as an Intensive Care Registrar at the RAH, further details are available at <http://www.icuadelaide.com.au>, or contact Dr Alex Wurm at Alex.Wurm@health.sa.gov.au.

If you are thinking about ICU as a career and would like to discuss your options, Dr Nick Edwards (chopper45@iprimus.com.au) and Dr Peter Sharley (peter.sharley@internode.on.net) are the ICU (CICM) Supervisors of Training at the RAH.

Senior Registrar (SR) Positions

It is important to recognize that the term 'Senior Registrar' can mean very different things to different institutions or units. A registrar position with certain expectations and levels of responsibility may be classified as a Senior Registrar role at one hospital but not at another, even though the roles are essentially the same.

At the RAH, we appoint 4 Registrars to the SR positions every 6 months and they carry significant additional responsibility. Accordingly, the selection of registrars to these appointments involves careful consideration using a number of criteria including clinical ability, level of experience and leadership qualities.



UPCOMING INTENSIVE CARE COURSES 2014/2015

AUSTRALIAN SHORT COURSE IN INTENSIVE CARE MEDICINE

11-13 February 2015

32-36 candidates. For ICU Registrars within 12 months of CICM Fellowship Examination.

Applications open 6 October 2014.

Enquires to Dr Nick Edwards, c/- ICU, Royal Adelaide Hospital.

Email: chopper45@iprimus.com.au

RAH PRIMARY EXAMINATION COURSE

8-12 June 2015

24 candidates. For Registrars preparing for CICM or ANZCA Primary Examination.

Application form at http://www.icuadelaide.com.au/course_primary.html.

Enquiries to Dr Mark Finnis, c/- ICU, Royal Adelaide Hospital.

Email: mark.finnis@adelaide.edu.au

BASIC ASSESSMENT AND SUPPORT IN INTENSIVE CARE (BASIC) COURSE

24-25 November 2014

16 candidates. Further information about the Course at <http://www.aic.cuhk.edu.hk/web8/index.htm>.

Application form at http://www.icuadelaide.com.au/course_basic.html.

Enquiries to Dr Ken Lee, c/- ICU, Royal Adelaide Hospital. Email: imipenam@yahoo.com

Or Dr Mike Anderson, c/- ICU, Royal Adelaide Hospital. Email: mbanders@optusnet.com.au

SOUTH AUSTRALIAN CRITICAL CARE ULTRASOUND COURSE

19-20 February 2015

16 candidates.

Enquiries to Dr Richard Strickland, c/- ICU, Royal Adelaide Hospital.

Email: rich.stricko@gmail.com.

BASIC INTENSIVE CARE MEDICINE COURSE (BICMED)

An introductory course for junior and general trainees rostered to the RAH ICU for 3-6 month rotations.

Runs over a 12 week cycle, repeating 4 times per year, with the intention of allowing all trainees rostered to the unit the opportunity to attend. The course is run on Friday afternoons from 15:00-17:00, with most sessions having a significant 'hands-on' component.

Course program available at http://www.icuadelaide.com.au/course_bicmed.html.

Enquiries to Dr Alex Wurm, c/- ICU, Royal Adelaide Hospital.

Email: Alex.Wurm@health.sa.gov.au.

OTHER COURSES REQUIRED BY CICM

Trainees who registered from 1 January 2014 are required to undertake a number of face to face courses. A list of these (with relevant links) is available at <http://www.cicm.org.au/trainingcourses.php>.

Some Recent Farewells....



Contact

Any feedback about this Newsletter or achievements/details you would like included in the next Newsletter should be directed to Dr Nick Edwards (chopper45@iprimus.com.au) or Dr Alex Wurm (Alex.Wurm@health.sa.gov.au)