



MONASH
University

YEAR IN REVIEW 2016

Community Emergency Health
and Paramedic Practice





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HEAD OF DEPARTMENT REPORT



Dear colleagues,

It is with great pleasure that I introduce the 2016 Year in Review for the Department of Community Emergency Health and Paramedic Practice (DCEHPP), Monash University. This review provides a summary of key activities in education, research, scholarship and engagement with our community and industry partners throughout the past 12 months.

2016 has been another very successful year for the Department, further strengthening our positioning across education, research and engagement with our national and international partners. We continue to see increased growth across all enrolments from undergraduate studies to our PhD paramedic program, as well as maintaining excellence in quality teaching and learning. Exciting changes to our undergraduate program has seen improved interprofessional learning with other cognate professionals, and our new postgraduate masters allows students to specialise in intensive care, aeromedicine, extended care and research.

I am particularly pleased with the continued research maturity shown by the Department in research supervision and mentorship provided to the next generation of paramedic scholars. DCEHPP staff now supervise over 20 PhD students. This is a magnificent achievement and we look forward to building capacity for more PhD scholars domestically and internationally. We have set targets for producing the first paramedic PhD scholars in a number of countries; we look forward to supporting the professionalisation of paramedics internationally.

In building this capacity we have supported a number of international guests this year. Our respected guests included: Dr Osama Samarkandi and Abdullah Mubarak from Prince Sultan College for Emergency Medical Services King Saud University, KSA; Dr Omer Al Sakaf and Maryam Oafi from the Dubai Corporate Ambulance Service, UAE, Dr Mohammed Alzahrani, Head, Emergency Medical Services from Almaarefa Colleges, KSA, Mr Madhusudhan Gannamani and Mr Ravi Surla from GVK EMRI, India and finally Brigadier General Meshref Alamri Assistant General Director of Medical Services, Ministry of Defence, KSA. I would like to thank and acknowledge our guests.

I hope you enjoy reviewing the DCEHPP 2016 Year in Review.

Associate Professor Brett Williams

PhD, FPA

Head, DCEHPP

OUR NEW MASTER OF SPECIALIST PARAMEDIC PRACTICE COMMENCING 2017

The Master of Specialist Paramedic Practice is a nested program including the Graduate Certificate of Specialist Paramedic Practice specialising in Aeromedical and Retrieval, the Graduate Diploma of Specialist Paramedic Practice specialising in Intensive Care Paramedic and the Graduate Diploma of Specialist Paramedic Practice specialising in Extended Care Paramedic. The Master of Specialist Paramedic Practice will support current and experienced paramedics in improving their clinical practice and knowledge related to the delivery of emergency health services. Students will complete study in clinical research methodology for emergency health and have the option of undertaking a clinical project or other electives from the electives suite in order to facilitate clinical practice at an advanced or extended-care level. Specialisations include:

INTENSIVE CARE

This specialisation is designed to provide paramedics with the necessary education and training for the specialist intensive care paramedic role as well as leadership, education and research positions. You will initially undertake specialist intensive care paramedic education and training as well as education in advanced integrated healthcare practice before going on to completing specialty elective study. The Intensive Care stream will provide students with the necessary education and training to successfully complete an intensive care internship and provide the highest level of paramedic care for cardiac, respiratory, medical, trauma, paediatric and obstetric as well as environmental emergencies.

EXTENDED CARE

This specialisation is designed to provide paramedics with the necessary education and training for the specialist extended care paramedic role as well as leadership, education and research positions. You will initially undertake specialist extended care paramedic education and training as well as education in advanced integrated healthcare practice before going on to completing specialty elective study. The extended care stream will provide students with the necessary education and training to successfully complete an extended care internship/program and provide an extended range of out of hospital assessment, referral, prescription and management services in the community.

AEROMEDICAL AND RETRIEVAL

This specialisation is designed to provide paramedics with the necessary education and training for the specialist aeromedical and retrieval role as well as leadership, education and research positions. You will initially undertake specialist aeromedical and retrieval education and training as well as education in advanced integrated healthcare practice before going on to completing specialty elective study. The aeromedical and retrieval stream will provide students with the necessary education and training to successfully complete an aeromedical and retrieval internship/program with your specified retrieval service provider in order to provide specialist aeromedical, retrieval, rescue and coordination roles in the providers' area of clinical practice.

COURSE STRUCTURE

The course is structured in 2 parts. Part A. Advanced healthcare and specialist studies and Part B. Specialist elective studies. All students complete Parts A and B.



PART A. ADVANCED HEALTHCARE AND SPECIALIST STUDIES

These studies will extend your clinical practice in your chosen specialisation (paramedic intensive care, extended care, or aeromedical and retrieval training) through advanced training. You will gain knowledge of advanced techniques that will enable you to provide the highest level of pre-hospital care in your specialist area of paramedic practice. You will explore clinical practice within an integrated emergency medical system and examine the issue and trends that influence scope of practice and service delivery. These studies will prepare you for clinical leadership, education and research positions.



PART B. SPECIALIST ELECTIVE STUDIES

These studies will further advance and broaden your knowledge and skill development. You can select the units to suit your own interests with options including: a clinical practicum in Extended Care or Clinical Care paramedicine; advanced specialty study units from outside your specialist stream; units from other specialities including ethics and law or radiography interpretation; or research units. Students wishing to use this Masters course as a pathway to a higher degree by research should choose the research units.

For further information on the program please refer to:

med.monash.edu.au/cehpp/postgrad/master-of-specialist-paramedic-practice.html



CELEBRATING SUCCESS AT PAIC 2016

Congratulations to DCEHPP lecturer Simon Sawyer for winning the Best Postgraduate Oral Presentation at the recent PAIC 2016. The title of Simon's presentation was: 'The knowledge, attitudes and preparedness to manage intimate partner violence patients of Australian paramedics and paramedic students'. Congratulations also goes to our Adjunct Senior Lecturer Ziad Nehme for winning the Best Oral Presentation for his paper 'The impact of a mass media campaign to improve ambulance use for chest pain'.



Simon Sawyer and Ziad Nehme

COULD YOUR BRA EFFECT YOUR POSTURE?

We have all been told to stand up straight or pull your shoulders back. We have also been told that poor posture could have negative effects on your health later in life. But do we really know what good posture is or how things like large amounts of breast tissue or a bad bra could affect our posture?

There has been a fair bit of research looking at sports bra design to reduce breast motion but we now want to better understand how your breast size can affect your posture. This study will look at women's posture of all shapes and sizes, measuring their muscle strength around their shoulder, and collect information in things like bra size and shoulder or neck pain. At this time we feel that large amounts of breast tissue can lead to shoulder or neck pain, but this could be worse for those with less supportive bras. No one has looked at the relationship between breast size and muscle strength and Dr Bowles is hoping that their research findings might help in future treatment plans for women with chronic shoulder or neck pain.



PILOT CPR PROGRAM FOR THE MARAE PEOPLE

Discussions held with Ngati Tuwharetoa Iwi, New Zealand and gaps have been identified in the health system which affects members of Ngati Tuwharetoa living within the Tuwharetoa Rohe.

This Rohe is the centre of New Zealand's North Island around the Lake Taupo water catchment area. An issue for the Ngati Tuwharetoa is the distance from ambulance stations to many of their 29 Marae, meaning lengthy delays in an ambulance arriving, especially in cardiac arrest situations. They are looking to place AEDs on every Marae and train key Iwi members on those Marae in CPR and the use of AEDs.

Talks were held with Janet Curtis, to help provide this training. Janet successfully piloted a CPR and AED course earlier in the year and now Ngati Tuwharetoa are seeking funding so that all Marae can receive AEDs and complete the CPR training.



Janet Curtis (far left) with Teresa Chapman (Iwi Advisor) and Iwi members from Papakai and Otukou Marae.



PLAN OF ACTION FOR THE CASE (PACE) PROJECT: FACILITATING EARLY IDENTIFICATION AND TREATMENT FOR WORKERS AT RISK OF FAILURE TO RETURN TO WORK.

Dr Cameron Gosling from the Department of Community Emergency Health and Paramedic Practice and Dr Ross Iles from the Department of Physiotherapy have been engaged in a collaborative research project with EML (Employers Mutual Limited). As an Australian-owned mutual, EML provides workers compensation claims management services nationally across a number of state Schemes and jurisdictions.

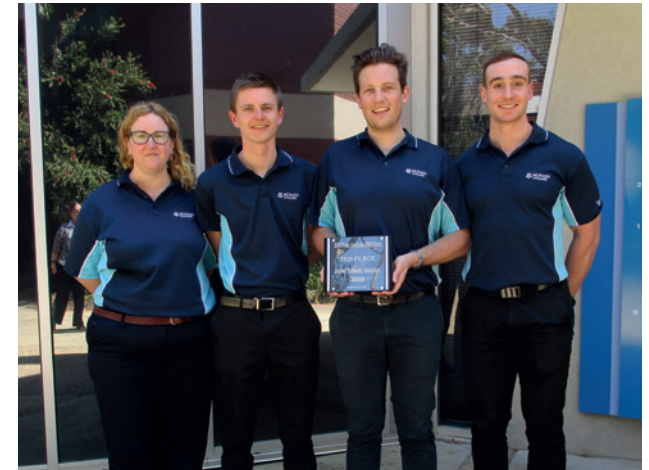
This project aims to develop a triage protocol to be utilised by case managers to identify injured workers at risk of failing to return to work and then trial planned interventions to facilitate earlier return to work. Commencing in January 2016, the project is being conducted in two distinct phases. The first six month phase comprised the identification of items to be incorporated into the triage protocol and then the compiling of relevant items to be tested in phase two. The initial phase involved gathering data from case manager focus groups, a rapid systematic literature review and five years of EML claims data. We identified a set of risks, which included items currently collected by case managers and new items to cover missing risk domains. Further work was conducted to identify intervention pathways for injured workers deemed at being high risk for non-return to work for trialling in phase two.

The second phase involves a controlled trial of the triage and intervention processes. Two geographically separate testing sites (Gosford and Newcastle) have been selected from the NSW EML portfolio. Case managers at the Gosford site will trial the full triage-intervention process, while Newcastle will act as the control site only running the triage process. Data collection commenced in September and is planned to continue until the end of June 2017. Cameron and Ross have already had some success with preliminary findings from the first phase of the project being presented at the Australasian Compensation Health Research Forum, Melbourne in August and the International Forum on Disability Management, Kuala Lumpur in November.

FERNO SIM CHALLENGE FROM THE 2016 STUDENT PARAMEDICS CONFERENCE IN SYDNEY

A team of four Monash Paramedic students recently attended the 2016 Student Paramedics Australia Conference in October. The team of students were selected to represent Monash University and DCEHPP at a national paramedic simulation competition. Ten teams of future paramedics from Australian Universities competed in the 15-minute simulation. Each team was judged by a panel of experts on their scene control, team communication and patient management. The scenario was held in a university lecture theatre which had been converted into a mock movie theatre.

With the lights down, a Jason Statham action film blaring over the PA system, the team from Monash responded to movie-goer who was 'generally unwell'. The team consisted of a team leader, two responding paramedics, a reserve paramedic (Michael Hastie, James Baird, Ben Jenkins and Breanna Mackey respectively) and only one set of gear. Upon entering the scene, lights were turned on, the movie was paused, and patrons were moved from their seats so we could gain access to our patient. It was crucial that we treated all of the patrons with respect and communicated effectively with them. Our patient was displaying signs of a stroke, which was confirmed with further assessments. Overall, we performed well (coming 3rd overall) and really enjoyed the day and opportunity to practise our clinical skills in challenging circumstances. (Michael Hastie on behalf of the team).



Breanna Mackey, James Baird, Michael Hastie and Ben Jenkins

MONASH PARAMEDIC PROGRAM LICENSING AGREEMENT WITH FATIMA COLLEGE OF HEALTH SCIENCES, ABU DHABI

Monash University entered into a curriculum licensing agreement with the Fatima College of Health Sciences (FCHS) during 2012 to license a number of undergraduate programs including: Pharmacy; Radiography & Medical Imaging; Physiotherapy; and Paramedic. Established in 2006, the FCHS is a relatively new university which aims to meet the United Arab Emirates growing need for skilled healthcare professions. Under the landmark agreement, Fatima College will gain access to the Monash Bachelor of Emergency Health (Paramedic) curriculum.

Rod Mason has been responsible during the last three years for project managing the proven Monash paramedic curricula in a form that aims to accelerate the delivery of the program at the College. A number of other staff members have also been involved in the project during the year including Janet Curtis and Peter Jurkovsky. The project also involves setting-up the three-year degree program in an on-line learning platform (Moodle).

Customisation of semester one and two curricula for the final year of the 3-year degree was completed and delivered. Janet Curtis travelled to Abu Dhabi in May to formally handover semester one materials. During this visit, Janet also participated in a two-day conference that was designed to address the need for FCHS to review and evaluate academic programs to meet the requirements of internal review, and external accreditation. Participants included FCHS academic and administrative staff, and key clinical partners, who have the responsibility for curricular evaluation and renewal.

The final formal handover will be completed in December, this will bring the project to a conclusion. Associate Professor Brett Williams and Janet Curtis will both be travelling to Abu Dhabi in December for the handover, moderation, and to discuss any implementation issues with teaching staff. During this visit, Brett will also be a presenter at the curriculum conference – exploring the effectiveness of ePortfolio's in healthcare education and the role near-peer teachers have in undergraduate curricula.



Fatima College of Health Sciences

HECMA PROJECT

The Department of Community Emergency Health and Paramedic Practice (DCEHPP) was the successful tenderer to re-write a new Health, Emergency Care and Medical Applications (HECMA) program for the Institute of Applied Technology (IAT) in Abu Dhabi. The program comprises two components: 'Health and Well-being,' and 'Emergency First Responder (EFR).'

The goals of the program are to increase health literacy, improve self-efficacy, enhance social responsibility, promote advocacy, handle emergencies safely and introduce students to the health sector. The program will be implemented in a number of schools in the Emirate of Abu Dhabi and delivered to students in Grades 10, 11 and 12.

Rod Mason from the Department of Community Emergency Health and Paramedic Practice (DCEHPP) has been project manager for the last two years, and is working with a number of staff members to develop the program. Toni Gray and Lynne Hanlon joined the team at the commencement of the year, and focused on writing the Health and Wellbeing Modules. Mal Peters and Janet Curtis were responsible for writing the G11 EFR modules. Des Vernon continues to provide expertise in the area of instructional design along with responsibilities for setting-up all modules in the final desk-top published format. Jamie Etherington also joined the team earlier this year, with responsibilities to proof read all module materials prior to delivery to the client.

The focus during the year was to complete the seven modules needed for implementation in Grades 10 and 11. Some modules have already been rolled-out in the schools. The contract also requires each module to be translated in Arabic.



Participant of the May program practicing CPR.

The intention is for the program to also achieve national recognition by the National Qualifications Authority in the United Arab Emirates. This will lead to students being eligible to receive a formal qualification according to the Qualifications Framework Emirates, upon successful completion of the program. The contract includes a requirement for the provision of professional development in the form of train-the-trainer programs to key staff members in Abu Dhabi. Two programs were delivered during the year. The first was delivered in May by Janet Curtis and Mal Peters. The focus was to introduce teachers to the learning and assessment requirements of the Grade 10 EFR Module.

The second professional development program was delivered in August by Lisa Sarris and Chloe Abel. The program comprised a two-day first aid course that was delivered at two different locations: Sharjah and Fujairah. The course was aligned to Australia's National Competency Standard: HLTAID003 Provide First Aid. The purpose of the program was to ensure all participants possessed a solid foundation from which to move forward in the delivery of modules in Grades 11 and 12.

Work has already commenced on completing the remaining four Grade 12 modules. It is anticipated that the HECMA Project will conclude in 2017.



Participant of the May program using personal protective equipment.

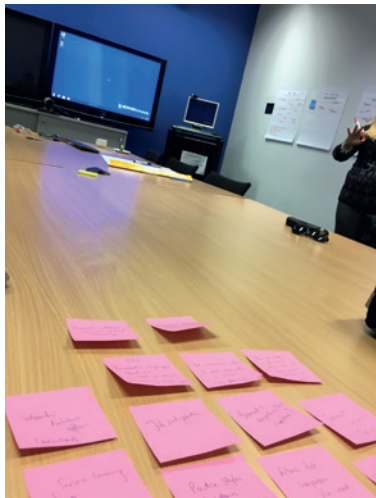


Participants and Instructors of the August program.

DCEHPP/AMBULANCE VICTORIA RESEARCH PLANNING DAY

This week marked a significant point in DCEHPPs and Ambulance Victoria collaborative history together.

The inaugural research planning day aimed to develop a significant number of research projects for DCEHPP and Ambulance Victoria, while also supporting clinicians in undertaking research or supervising other research students. DCEHPP were recently successful at securing a 2017 Supervisor Development Grant which aims to support the professional development of graduate research supervisors (including clinicians) and this day provided the first part of this process for clinicians working as paramedics. The day was enormously successful with over 80 research projects being developed under guidance from Associate Professor Karen Smith and Dr Kelly Bowles.



AV DCEHPP research planning meeting

PARAMEDIC NEAR-PEER TEACHERS 2016

Our 2016 DCEHPP final year near-peer teachers undertook their orientation and induction.

This session covered educational theory, advantages and disadvantages of NPT, teaching tips and alternate feedback models. The aim of the NPT team for this semester is to help assist teaching in tutorial and practical sessions for 2nd year trauma studies and 1st year foundation clinical studies. We are thrilled to have such a fine group of motivated individuals enrich our Bachelor program, while also improving their own knowledge, skills and communication skills at the same time.



2016 Near-peer teachers

DCEHPP AND AMBULANCE VICTORIA CURRICULUM MEETING

DCEHPP staff along with senior Ambulance Victoria staff attended the annual DCEHPP Postgraduate curriculum review; this also included a Delphi Method exploring if the current Intensive Care Paramedic Graduate Attributes are accurate for Ambulance Victoria and community needs. Results of this will ensure greater curricula coherence within the Intensive Care and Aeromedical programs.



AV curriculum planning day

INDIGENOUS ARTWORK COMMISSIONED FOR DCEHPP

DCEHPP recently commissioned a local Indigenous artist, Kunda, to create a picture that depicted what Monash and our Department represented. The artwork measures 3m x 1.5m and is on display in building H on the mezzanine level of our staircase.

The artwork depicts the artist's story of the Butterfly, known for her great wisdom and shared knowledge. Having the ability to reinvent herself and grow through times of change and under pressure, to then find her way to the doorway of her own dreaming journey.



DCEHPP WELCOMES EMTS FROM GVK EMRI, INDIA

DCEHPP recently welcomed our latest international guests: Mr Madhusudhan Gannamani and Mr Ravi Surla from GVK EMRI, India. Mr Gannamani and Mr Surla are currently EMT instructors for GVK EMRI in Hyderabad, India. Their four-week visit has culminated from several collaborations between GVK EMRI, NTRI, The Alfred, Ambulance Victoria and Monash University. The aim of the visit is to explore paramedic education and training at Monash University and Ambulance Victoria and learn new systems of out-of-hospital care.



Mr Madhusudhan Gannamani
and Mr Ravi Surla

DCEHPP WELCOMES DR MOHAMMAD ALZHRANI

DCEHPP recently hosted Dr Mohammed Alzahrani (Head, Emergency Medical Services) from Almaarefa Colleges, Saudi Arabia.

During Dr Alzahrani's two-week visit he met key DCEHPP staff from our undergraduate and postgraduate teams, our current Middle Eastern PhD students, as well as senior Faculty staff from the Middle Eastern Projects Office and Ambulance Victoria. Other visits included the CAVE2 at Monash and Air Ambulance Victoria. This was an important visit supporting Monash's ongoing relationship with Almaarefa College and we look forward to future visits to Saudi Arabia in the near future.



Dr Alzahrani with Dr Nizar Farjou from MNHS Global
Engagement Office

TAIWAN EMS CONFERENCE (2016年緊急醫療救護處置與災難 應變國際研討會)

Both Brett Williams and Ian Patrick were recently invited keynotes at the 2016 International Emergency Medical Practice and Disaster Response Conference, Taiwan 2016 年緊急醫療救護處置與災難應變國際研討會.

This was an excellent opportunity to share our experiences of the Australian paramedic education system and also the operations and service delivery models of Ambulance Victoria. Presentations were provided over three days at Chang Gung Memorial Hospital, Linkou, Fire Rescue Training Centre, Hsinchu City, and Far Eastern Memorial Hospital, New Taipei City. We were also privileged to visit the New Taipei City Communications Centre and also observe a simulated building collapse and patient extrication at the Fire Rescue Training Centre, Hsinchu City.



Celebratory Dinner VIP Conference



Day 1 Conference

DCEHPP WELCOMES BRIGADIER GENERAL MESHREF ALI ALAMRI

DCEHPP had the pleasure and honour of hosting Brigadier General Meshref Ali Alamri from the Ministry of Defence, Kingdom of Saudi Arabia this week. Dr Mashref's visit included a number of meetings with senior faculty staff; and a review of the postgraduate paramedic programs and research projects.



Brigadier General Meshref Ali Alamri
and Associate Professor Brett Williams

DCEHPP HOST FELLOWS FROM KING SAUD UNIVERSITY AND DUBAI CORPORATE AMBULANCE SERVICE

DCEHPP was very honoured to sponsor and host four international guests during May-June 2016.

We had the pleasure of hosting Dr Osama Samarkandi and Abdullah Mubarak from Prince Sultan College for Emergency Medical Services King Saud University (KSU), Kingdom of Saudi Arabia and also Dr Omer Al Sakaf and Maryam Oafi from the Dubai Corporate Ambulance Service (DCAS), Dubai, UAE. During this visit DCEHPP was able share our insights into our education programs for both undergraduate and postgraduate studies, this included visits to Monash's research facilities and visits to our industry partners Ambulance Victoria, The Alfred and Metropolitan Fire Brigade. We look forward to sharing our joint education and research experiences with KSU and DCAS in the near future.



Dr Samarkandi and Mr Mubarak
with staff and HDR students



Associate Professor Brett Williams with Maryam Oafi and Dr Omer Al Sakaf

COLLABORATIVE INTERPROFESSIONAL HEALTH CARE IN VIETNAM: 2016

This month a group of students from FMNHS are setting off on a new initiative exploring interdisciplinary health care in a completely different context. Twelve students will travel to Ho Chi Min City in Vietnam during November and December 2016 to meet local health professionals and Australian Aid workers.

This 4 week international student mobility program is a pilot project of undergraduate interprofessional practice and volunteering led by Alison Francis-Cracknell from the Physiotherapy department building upon Alison's own healthcare volunteering experience in Vietnam in 2012/2013. It is a joint project of the Departments of Physiotherapy, Occupational Therapy, Community Emergency Health and Paramedic Practice and the School of Nursing and Midwifery, supported by Monash Abroad, the School of Primary Health Care and external engagement with Scope Global project management.

Students will have the opportunity to explore health and health education in Vietnam, meeting with staff and students from the University of Medicine and Pharmacy in Ho Chi Minh City, visiting 4 hospitals and a rural community health service, undertake local language classes and meet with Australian health volunteers currently working in Vietnam. They will also work on group projects aimed at developing their international health care perspective, cultural capabilities and insight into the delivery of culturally appropriate healthcare services.



Group of staff and students travelling to Vietnam

DCEHPP AND THE MFB

The Emergency Medical Response (EMR) program has seen an increase in demand for training to Victorian Firefighters throughout 2016. EMR training has once again been delivered to all recruit fire-fighters within both the Metropolitan Fire Brigade (MFB) and the Country Fire Authority (CFA). DCEHPP has delivered initial skills acquisition training in both first aid and EMR and recertification training to both MFB and CFA fire-fighters.

An approximate breakdown of EMR training for 2016 is as follows:

- 3 MFB and 5 CFA recruit fire-fighter courses (240 fire-fighters)
- 18 retention training groups (270 fire-fighters)
- Recertification courses (400 fire-fighters)

The EMR program is continuing to be rolled out across the state into career fire-fighter CFA stations, with both organizations now providing early intervention to the community in support of Ambulance Victoria.

The DCEHPP-Monash team has continued its partnership with the Metropolitan Fire Brigade throughout 2016, by providing training, support and continued curriculum development and assessment.

Our aim is to further develop the relationship between the MFB Emergency Medical Services Department and Monash University by providing innovative and contemporary education and training that will support the Emergency Medical Response program into the future.



MFB Staff training

RESEARCH

The Department has a number of active experienced and emerging researchers. Our focus is to leverage off our research strengths, concentrate our research into clear foci or ‘programs’, and become internationally known for high quality, prehospital research around these strengths.

Our overarching goal is:

“ to be recognised internationally as a centre of prehospital research excellence.”

Very broadly, our research strengths and expertise relate to clinical emergency health research and educational research. Some projects that we have recently completed relate to:

EDUCATIONAL RESEARCH

- Curriculum coherence
- Self-efficacy
- Interprofessional education
- Peer-assisted learning
- Simulation
- Difficult conversations
- Empathy

EMERGENCY HEALTH RESEARCH

- Intimate Partner Violence
- Out-of-hospital ultrasound
- First responder programs
- Cardiac Arrest
- Occupational Violence
- Management of acute pain
- Epidemiology and management of out-of-hospital cardiac arrest
- Patient safety and critical incident reporting and evaluation
- Epidemiology of trauma and injury

PUBLICATIONS

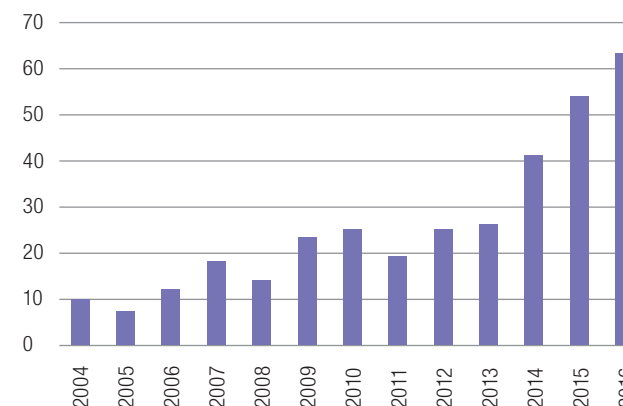
The Department continues to maintain its growth in peer-reviewed publishing. In 2016 DCEHPP has published over 61 refereed journal articles, and 21 refereed conference abstracts. Staff have attracted over \$4.3 million in grant funding over the past 12 months.

Many of these refereed publications appear in high quality paramedic, prehospital, EMS, nursing, emergency medicine, interprofessional and education journals. Our experienced researchers and authors are regularly called upon to review journal manuscripts for more than 20 journals. Several of our researchers hold appointments as Associate Editors and Editors with a number of EMS, emergency medicine and education journals.

RESEARCH SUPERVISION

Currently we supervise 21 PhD students, a number that reflects the maturity of not just our Department but the paramedic profession more broadly. We also have a large number of Masters, Honours and Summer Scholarship students enrolled in the Department. A great time to do research with us. Our research students are investigating a range of important topics related to EMS and out-of-hospital settings; these are outlined overleaf.

DCEHPP C1 PUBLICATIONS



PhD STUDENTS

STUDENT NAME	MAIN SUPERVISOR	ASSOCIATE SUPERVISOR	PROJECT TITLE
Shane Costello	Dr John Roodenburg	Associate Professor Brett Williams	Further Development in Ways of Thinking
Abdulellah Althobaity	Associate Professor Virginia Plummer	Associate Professor Brett Williams	Development of a Disaster Nursing Tool in Saudi Arabia
David Page	Associate Professor Brett Williams	Dr Paul Jennings	Instruction and measurement of paramedic student competency
Corrine Hoo	Associate Professor Ted Brown	Associate Professor Brett Williams	Development of a Clinical Reasoning Tool
Linda Ross	Associate Professor Brett Williams	Dr Paul Jennings	Investigating the psychosocial needs of older adults in the out of hospital environment and building the capacity of paramedics to meet these needs
Rod Mason	Associate Professor Brett Williams	Dr John Roodenburg	Cognition diversity in undergraduate paramedic students
Simon Sawyer	Associate Professor Brett Williams	Associate Professor Jan Coles, Dr Angela Williams	The prehospital response to intimate partner violence
Susan Irvine	Professor Lisa McKenna	Associate Professor Brett Williams	Near Peer Teaching in Medical and Nursing Education
Talal Mamdouh AlShammari	Associate Professor Brett Williams	Dr Paul Jennings	Paramedic Core Competencies for Saudi Arabia
Saeed Alqahtani	Associate Professor Brett Williams	Dr Paul Jennings	Exploration of Saudi Arabic paramedic workplace experiences
Eihab Khasawneh	Associate Professor Brett Williams	Dr Cameron Gosling	Development of Paramedic Simulation Model
Ahmad Alrawashdeh	Dr Paul Jennings	Associate Professor Brett Williams, Dr Dion Stub, Ziad Nehme	Prehospital management of nSTEMI patients
Judy Nixon	Dr John Roodenburg	Associate Professor Brett Williams	A mixed method study involving doctors attitudes to emotional intelligence and the UMAT
Janet Curtis	Dr Paul Jennings	Dr Leanne Boyd, Professor Michael O'Driscoll	A mixed methods investigation into the effectiveness of workplace bullying interventions in a New Zealand ambulance service
Pieter Francois Fouche	Dr Paul Jennings	Professor Stephen Bernard, Associate Professor Karen Smith	Rapid Sequence Intubation in Out-of-Hospital Non-Traumatic Brain injuries
Tegwyn McManamny	Dr Paul Jennings	Dr Jade Sheen, Dr Leanne Boyd	What is the education role of paramedics for individuals and communities within metropolitan, rural and remote Australia?

STUDENT NAME	MAIN SUPERVISOR	ASSOCIATE SUPERVISOR	PROJECT TITLE
Ala'a O. Oteir	Dr Paul Jennings	Professor Just Stoelwinder, Associate Professor Karen Smith, Associate Professor James Middleton	Prehospital management of suspected Spinal Cord Injury and its association with patient outcomes
Daniel Cudini	Associate Professor Brett Williams	Dr Paul Jennings, Professor Stephen Bernard, Associate Professor Karen Smith	Pre hospital assessment and management of Severe Sepsis and Septic Shock
Romi Haas	Professor Terry Haines	Dr Kelly-Ann Bowles, Dr Lisa O'Brien	Weekend Allied Health Services in Patients Undergoing Elective Lower Limb Joint Replacement Surgery
Mitchell Sarkies	Professor Terry Haines	Dr Kelly-Ann Bowles, Dr Elizabeth Skinner	Translating Health Service Research into Practice: Weekend Allied Health Hospital Service Provision
Justin Hunter	Associate Professor Brett Williams	Dr Michael Porter	Crew Resource Management training in EMS

MASTERS BY RESEARCH STUDENTS

STUDENT NAME	MAIN SUPERVISOR	ASSOCIATE SUPERVISOR	PROJECT TITLE
Christopher Thorpe	Dr Paul Jennings	Dr Cameron Gosling	Assessing the correlation between end tidal carbon dioxide (EtCO ₂) measures and survival (discharge home) of patients that achieve return of spontaneous circulation (ROSC) after non traumatic cardiac arrests in the pre-hospital environment
Katie Palmer	Dr Kelly-Ann Bowles	Dr Rebecca Lane	Evidence based exercise prescription for chronic heart failure patients attending community rehabilitation programs
Sarah Tinali	Professor Terry Haines	Dr Kelly-Ann Bowles	Occupational drivers and low back pain

MASTERS BY COURSEWORK STUDENTS

STUDENT NAME	MAIN SUPERVISOR	ASSOCIATE SUPERVISOR	PROJECT TITLE
Robert Lasslett	Dr Paul Jennings		Intramuscular ketamine versus intramuscular midazolam for severely agitated adults in the prehospital setting
Andrew Quested	Dr Paul Jennings		Paramedics' attitudes towards, and compliance with, spinal immobilisation guidelines
Clinton McCreery	Dr Paul Jennings		Is there a need for further prehospital intervention in acute cerebral vascular accident patients in rural and regional settings?
John Latham	Dr Paul Jennings		Tertiary paramedic student preparedness for clinical placement

HONOURS STUDENTS

STUDENT NAME	MAIN SUPERVISOR	ASSOCIATE SUPERVISOR	PROJECT TITLE
Mike Bowen	Associate Professor Brett Williams	Dr Luke Stanke	Professional behaviour evaluations amongst paramedic students
Yu-Tung Chang	Associate Professor Brett Williams	Dr Edward Tsai	Implementation of a new education system for EMTs in Taiwan
Victor Montecerin	Associate Professor Brett Williams	David Page	Does burnout impact empathy among paramedics?
Christiana Corrado	Associate Professor Brett Williams	David Page	How culturally competent are paramedics?
Kelly Walsh	Associate Professor Brett Williams	Mike Miller	Why is there a gender gap in emergency medical services?
David Nguyen	Dr Paul Jennings	Dr Kelly-Ann Bowles, Dr Alexander Olausson, Associate Professor Biswadev Mitra, Associate Professor Karen Smith	Stress hyperglycaemia in the pre-hospital setting as a predictor of mortality in patients with severe traumatic brain-injury: A retrospective cohort study
Dale Oldis	Linda Ross		The safety of Midazolam in the pre-hospital setting: A comparison of weight based vs fixed intramuscular doses in the adult population
Brendan Shannon	Dr Paul Jennings	Dr Kelly-Ann Bowles	What is the effect of the implementation of guidelines on paramedic initiated non transportation of patients?
Lynsey Smit	Linda Ross	Dr Malcolm Boyle	Piloting of a proposed radiation mass casualty triage algorithm for the Australian pre-hospital setting

RESEARCH OUTPUT

FUNDED RESEARCH

Beck, B. **Smith, K.** Cameron, P. Bray, J. Deaths from traumatic out-of-hospital cardiac arrest: epidemiology and preventability. Australian Resuscitation Council. \$9,710.

Beck, B. **Smith, K.** Cameron, P. Potentially preventable road trauma deaths in Victoria. RACV Safety Research Fund. \$57,552.

Bowles, K. Williams, B. Stam, N. Haines, T. Williams, C. Maloney, S. Graduate Education Supervisor Development Grant. \$15,000

Burgess, S. Chief Investigator and Project Leader 'Frailty in community dwelling older people – using frailty screening as the canary in the coal mine'. Aged Care Service Improvement and Healthy Ageing Grant, Federal Department of Health. \$1.2 million.

Cameron, P. Finn, J. Bernard, S. Grantham, H. **Smith, K.** Fatovich, D. Arendts, G. Bray, J. Stub, D. Perkins, G. Centre for Research Excellence in Prehospital Emergency Care. NHMRC CRE \$2,499,626.

Case, R. Bray, J. Stub, D. **Smith, K.** Psychological functioning in Cardiac Arrest Survivors: An explanatory Pilot. Australian Resuscitation Council 2016 \$9,966.

Iles R, **Gosling CM.** Development of a risk screening and intervention tool for use by case managers when managing compensation claims. Employers Mutual Pty Ltd. \$367,525.

Loiacono, R., Leech, M., Macaulay, J., Hood, K., & **Stam, N.** VERSO CAMPUS as an Active Learning Tool to Supplement the Delivery of Learning. Office of the Vice Provost, Monash University. \$50,000.

McKenna, L. Irvine, S. **Williams, B.** Faculty of Medicine, Nursing and Health Sciences – Learning and Teaching Fund Evaluating the impact of near-peer teaching on graduate clinical practice. \$16,000

Mercier, E; **Olaussen, A** Beck, B.; Emond, M. Cameron P. Le Sage N. Bourse de la Fondation Jacques de-Champlain. Injuries induced by mechanical chest compression devices during cardiopulmonary resuscitation (CPR): systematic review and pooled-analysis. \$5,000

Olaussen, A. Avant Doctors in Training scholarship \$12,500

Rees, C. Brown, T Hood, K.Kent, F. Leech, M. Newton, J. **Williams, B.** Faculty of Medicine, Nursing and Health Sciences – Learning and Teaching Fund Workplace interprofessional education: Understanding interprofessional student-teacher interactions through narrative inquiry. \$16,000

Ross, L. Monash University Office of Learning and Teaching (MU-OLT) Education Focused Support Grant \$7500.

Rotheram, A. Felmingham, K. Williams, A. **Williams, B.** School of Medicine Research Development Grant scheme 'Identifying the roles of attachment, stress, and empathy in the psychological adjustment of paramedic students'. \$5000

Smith, K. Falls Risk Advanced Clinician Pilot – Alfred Health and Ambulance Victoria. Better Care Victoria \$414,000.

Stam, N., Maloney, S., **Stam, E.,** St Clair, T., **Cresswell, B.,** Loiacono, R., & Miller, A. The effectiveness of student clinical exemplar videos for improved teaching, engagement and retention of advanced clinical skills and procedures. Faculty of Medicine, Nursing and Health Sciences, Learning and Teaching Research Grant, Monash University \$13,000.

Williams, B. Department of Human Services, Victorian Government. Clinical Supervision: Spotlight on Conversations Facilitator Support Materials. \$83,000

Williams, B. Beovich, B. Monash Education Academy Grant. Experiences of sessional educators within the Faculty of Medicine, Nursing and Health Sciences. \$5,000

PUBLICATIONS

JOURNAL PUBLICATIONS

Al Thobaity A, **Williams B**, Plummer V. A new scale for disaster nursing core competencies: Development and psychometric testing. *Australasian Emergency Nursing Journal*. 2016;19(1):11-9.

Al Thobaity A, Plummer V, **Williams B**. What are the Most Common Domains of Core Competencies of Disaster Nursing? A Scoping Review *International Emergency Nursing*. *International Emergency Nursing*. (In press) 2016.

Andrew E, **Nehme Z**, Bernard S and **Smith K**. The influence of comorbidity on survival and long-term outcomes after out-of-hospital cardiac arrest. *Resuscitation* (In Press) 2016.

Andrew E, **Nehme Z**, Bernard S and **Smith K**. Comparison of health-related quality of life and functional recovery measurement tools in out-of-hospital cardiac arrest survivors. *Resuscitation* 2016;107:57-64.

Ball S, Williams T, **Smith K**, Cameron P, Fatovich D, O'Halloran K, Hendrie D, Whiteside A, Inoue M, Brink D, Langridge I, Pereira G, Tohira H, Chinnery S, Bray J, Bailey P and Finn J. The association between ambulance dispatch priority and patient condition. *Emergency Medicine Australasia* (In Press) 2016.

Battistuzzo C, **Smith K**, Skeers P, Armstrong A, Clark J, Agostinello J, Cox S, Bernard S, Freeman B, Sunlop S and Batchelor P. Early rapid neurological assessment for acute spinal cord injury trials. *Journal of Neurotrauma* (In Press) 2016.

Bernard S, **Smith K**, Finn J, Hein C, Grantham H, Bray J, **Deasy C**, Stephenson M, Williams T, Straney L, Brink D, Larsen R, Cotton C and Cameron P. Induction of therapeutic hypothermia during out-of-hospital cardiac arrest using a rapid infusion of cold saline The RINSE trial. *Circulation* 2016;134:797-805

Beck B, Bray J, **Smith K**, Walker T, Grantham H, Hein C, Thorowgood M, Smith A, Inoue M, Smith T, Dicker B, Swain A, Bosley E, Pemberton K, McKay M, Johnston-Leek M, Cameron P, Perkins G, Finn J, on behalf of the Aus-ROC Steering Committee. A description of the ambulance services participating in the AUS-ROC Australian and New Zealand out-of-hospital cardiac arrest epistry. *Emergency Medicine Australasia*. (In Press) 2016

Beck B, Bray J, **Smith K**, Walker T, Grantham H, Hein C, Thorowgood M, Smith A, Smith T, Dicker B, Swain A, Bailey M, Bosley E, Pemberton K, Cameron P, Nichol G and Finn J on behalf of the AUS-ROC Steering Committee. Establishing the Aus-ROC Australian and New Zealand out-of-hospital cardiac arrest Epistry. *BMJ Open* 2016;6:e011027.

Bray J, **Smith K**, Case R, Cartedge S, Straney L and Finn J. A cross-sectional survey of cardiopulmonary resuscitation (CPR) training and awareness of hands-only CPR: an Australian perspective. *Emergency Medicine Australasia* (In Press) 2016

Brown T, **Williams B**, Etherington J. Emotional intelligence and personality traits as predictors of occupational therapy students' practice education performance: a cross-sectional study. *Occupational Therapy International*. (In Press) 2016.

Browning M, Cooper S, Cant R, Sparkes L, O'Meara P, **Williams B**, et al. The use and limits of eye-tracking in high-fidelity clinical scenarios: a pilot study. *International Emergency Nursing* 2016;25:43-7.

Davis J, Morgans A, **Burgess S**. Information management in the Australian aged care setting: an integrative review. *Health Information Management Journal*. 2016;45 (1): 1-12.

Davis J, Morgans A, **Burgess S**. Information management for aged care provision in Australia: development of an aged care minimum dataset and strategies to improve quality and continuity of care. *Health Information Management Journal* 2016;45(1):27-35.

Dyson K, Bray J, **Smith K**, Bernard S, Straney L Finn J. Paramedic exposure to out-of-hospital cardiac arrest resuscitation is associated with patient survival. *Circulation: Cardiovascular Quality and Outcomes* 2016;9:154-160.

Giummarra M, Cameron P, Ponsford J, Ioannou L, Gibson S, **Jennings P**, Georgiou-Karistianis N. Return to Work After Traumatic Injury: Increased Work-Related Disability in Injured Persons Receiving Financial Compensation is Mediated by Perceived Injustice. *Journal of Occupational Rehabilitation* (In Press) 2016.

Hass, R., **Bowles, K-A**, O'Brien, E.J., Haines, T.P. Patient and therapist agreement on performance rated ability on the de Morton Mobility Index. *Archives of Physical Medicine and Rehabilitation* (In Press) 2016.

Haas, R., Sarkies, M.N., **Bowles, K.**, O'Brien, E.J., Haines, T.P. Early commencement of physical therapy in the acute phase following lower limb arthroplasty produces favourable outcomes: a systematic review and meta-analysis examining allied health service models. *Osteoarthritis and Cartilage*. (In Press) 2016.

Hodges, P.W., van den Hoorn, W., Wrigley, T.V., Hinman, R.S., **Bowles, K.**, Cicuttini, F.M., Wang, Y., Bennell, K.L., Increased duration of co-contraction of medial knee muscles is associated with greater progression of knee osteoarthritis, *Manual Therapy* 2016 1-8.

Lord B, **Jennings P** and **Smith K**. The epidemiology of pain in children treated by paramedics. *Emergency Medicine Australasia*. (In Press) 2016.

McLelland G, Morgans A, McKenna L **Smith K**. Paramedics' involvement in planned home birth: a one year case study. *Midwifery* 2016;38:71-77.

Mason R, Williams B. Using ePortfolio's to assess undergraduate paramedic students: A proof of concept evaluation. *International Journal of Higher Education*. (In Press) 2016.

Mathews B, Andrew E, Andronaco R, Cox S and **Smith K**. Epidemiology of fatal and non-fatal drowning patients attended by paramedics in Victoria, Australia. *International Journal of Injury Control and Safety Promotion* (In Press) 2016.

Morrison C, Ponicki WR, Gruenewald PJ, Wiebe DJ **Smith K**. Spatial Relationships between Alcohol-Related Road Crashes and Retail Alcohol Availability. *Drug and Alcohol Dependence*. (In Press) 2016.

- Nehme Z.** Andrew E and Smith K. Factors influencing the timeliness of emergency medical service response to time critical emergencies. *Prehospital Emergency Care* (In Press) 2016.
- Nehme Z,** Andrew E, Bernard S, Patsamanis H, Cameron P, Bray J, Meredith I and **Smith K.** Impact of a public awareness campaign on out-of-hospital cardiac arrest incidence and mortality rates. *European Heart Journal.* (In Press) 2016.
- Nehme Z,** Cameron P, Akram M, Patsamanis H, Bray J, Meredith I and **Smith K.** Effect of a mass media campaign on ambulance use for chest pain. *Medical Journal of Australia* (In Press) 2016.
- Nehme Z,** Nair R, Andrew E, Bernard S, Lijovic M, Villani M, Zoungas S and **Smith K.** The impact of diabetes and prehospital blood glucose on survival and 12-month functional recovery following out-of-hospital cardiac arrest. *Critical Care and Resuscitation* 2016;18:69-77.
- Nehme Z,** Andrew E, Bernard S **Smith K.** Impact of cardiopulmonary resuscitation duration on survival from paramedic witnessed out-of-hospital cardiac arrests: An observational study. *Resuscitation* (In Press) 2016.
- Nehme Z,** Stub D, Bernard S, Stephenson M, Bray J, Cameron P, Meredith I, Barger B, Ellims AH, Taylor AJ, Kaye DM and **Smith K.** Effect of supplemental oxygen exposure on myocardial injury in ST-elevation myocardial infarction. *Heart* 2016; 102:444-451
- Olaussen A,** Shepherd M, **Nehme Z,** **Smith K,** Jennings P, Bernard S and Mitra B. CPR-induced consciousness: A cross-sectional study of healthcare practitioners' experiences. *Australasian Emergency Nursing Journal.* (In Press) 2016.
- Olaussen A,** Thaveenthiran P, Fitzgerald MC, Jennings PA, Hocking J, Mitra B. Prediction of critical haemorrhage following trauma: A narrative review. *Journal of Emergency Medicine, Trauma and Acute Care.* 2016 19:3.
- Olaussen A,** Reddy P, Irvine S, **Williams B.** Peer-assisted learning: Time for Nomenclature Clarification. *Medical Education Online.* 2016;21.
- Oteir A,** **Smith K,** Stoelwinder J, Cox S, Middleton J and **Jennings P.** The epidemiology of pre-hospital potential spinal cord injuries in Victoria, Australia: A six year retrospective cohort study. *Injury Epidemiology* (In Press) 2016.
- Papakonstantinou MK, Hart MJ, Farrugia R, **Gosling CM,** Kamali Moaveni A, van Bavel D, Page RS, Richardson MD. Prevalence of non-union and delayed union in proximal humeral fractures. *ANZ J Surg.* 2016 Sep 12.
- Ross L,** **Jennings P,** **Smith K** and **Williams B.** Paramedic attendance to older patients in Australia, and the prevalence and implications of psychosocial issues. *Prehospital Emergency Care* (In Press) 2016.
- Ross L,** **Jennings P,** **Williams B.** Paramedic attendance to older patients in Australia: Are psychosocial issues more prevalent than they appear? *Prehospital Emergency Care.* 2016;early online.
- Ross L,** **Williams B,** **Jennings P.** Experience, knowledge and attitudes: Are paramedic students prepared to care for older patients? *Educational Gerontology.* 2016;42(4):241-52.
- Ross, L.,** Hannah, J., Van Huizen, P. What motivates students to pursue a career in paramedicine? *Australasian Journal of Paramedicine,* 2016;13(1).
- Ross, L.,** Kabidi, S. Embedding volunteer activity into paramedic education. *Journal of Allied Health.* (In Press) 2016.
- Ross, L., Jennings, P., & Williams, B.** Improving health care student attitudes toward older adults through educational interventions: a systematic review. *Gerontology and geriatric education.* (In Press) 2016.
- Sawyer S,** Williams A, Coles J, **Williams B.** A systematic review of intimate partner violence education for allied health practitioners. *Medical Education.* 2016;50:1107-21.
- Sarkies, M.N., Haas, R., **Bowles, K.,** Mitchell, D.F., O'Brien, E.J., Ho, M., Haines, T.P., Skinner, E., Ghaly, M., May, K., Do daily ward interviews improve measurement of hospital quality and safety indicators? A prospective observational study. *Journal of Evaluation in Clinical Practice.* 2016;22 (5), 792-798.
- Spasenoska M, Costello S, **Williams B.** Investigating the psychometric properties of the Jefferson Scale of Physician Empathy in a sample of Malaysian medical students. *Advances in Medical Education and Practice.* 2016;7:331-9.
- Straney L, Bray J, Beck B, Bernard S, Lijovic M and **Smith K.** Are socio-demographic characteristics associated with spatial variation in the incidence of OHCA and bystander CPR rates? A population-based observational study in Victoria, Australia. *BMJ Open* (In Press) 2016.
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- Williams B.** Professionalization of Paramedics: Lessons from the Australian University Sector. *The National Medical Journal of India.* 2016;29(Supp 1):113.
- Williams B,** Davis S. Maths anxiety and medication dosage calculation errors: A scoping review. *Nursing Education and Practice.* 2016;20:139-46.
- Williams B,** King C, Edlington T. Overcoming difficult conversations in clinical supervision. *Journal of Healthcare Leadership.* 2016;8:31-40.
- Williams B,** O'Meara P, Hickson H. Paramedicine students' views on clinical placement learning using the DREEM inventory. *Journal of Nursing Education and Practice.* 2016;6(2):35-42.
- Williams B,** Reddy P. Does peer-assisted learning improve academic performance? A scoping review. *Nurse Education Today.* 2016;45:23-9.
- Williams B,** Sifris A, Lynch M. A psychometric appraisal of the Jefferson Scale of Empathy using law students. *Psychology Research and Behavior Management.* 2016;9:171-8.
- Williams B,** Song J. Are simulated patients effective in facilitating development of clinical competence for healthcare students? A scoping review. *Advances in Simulation.* 2016;1(6).
- Williams B,** Teese A. A cross-institutional analysis of Australian undergraduate paramedic students' attitudes towards interprofessional cooperation. *Journal of Interprofessional Care.* 2016;30(1):97-102.

Williams B, Abel, C. Khasawneh, E. **Ross, L.** Levett-Jones. T. Simulation experiences of paramedic students: a cross-cultural examination. *Advances in Medical Education and Practice*. 2016;7:181-6.

Williams B, Boyle B, M. Howard, S. Empathy Levels In Undergraduate Paramedic Students: A Three-Year Longitudinal Study. *Nurse Education in Practice*. 2016;16(1):86-90.

Plummer V, **Williams B**, Tozer-Jones J. The Bachelor of Nursing/Bachelor of Emergency Health (Paramedic): Student views of their preparation and intentions towards future practice. *Australasian Journal of Paramedicine*. (In Press) 2016.

Williams B, Beovich B. The experiences of sessional teaching staff within an undergraduate paramedic programme in an Australian university. *IJUTLP*. (In Press) 2016.

Williams B, Nyguen, D. Near peer teaching in paramedic education: A repeated measures design. *Innovations in Education and Teaching International*. (In Press) 2016.

Williams B, Brown, T. Etherington, J. Attachment and Empathy in Australian Undergraduate Paramedic, Nursing and Occupational Therapy Students: a cross-sectional study. *Collegian* (In Press) 2016.

Williams B, Beovich, B. Ross, L. Wright, C. Ilic, D. Self-efficacy perceptions of interprofessional education and practice in undergraduate healthcare students. *Journal of Interprofessional Care*. (In Press) 2016.

Williams, C., **Bowles, K-A.**, Keigaldie, D., Maloney, S., Nestel, D., Kaplonyi, J., Haines, T. 2016. Establishing the effectiveness, cost-effectiveness, and student experience of a Simulation-based education Training program On the Prevention of Falls (STOP-Falls) amongst hospitalised inpatients: A protocol for a randomised control trial. *BMJ Open*. vol 6.

PEER REVIEWED CONFERENCE PRESENTATIONS

Burgess S, Cantwell K, Morgans A, **Smith K**, Livingston M, Dietze P. Trends in older adult falls: Residence and temporal trends. Tabletop presentation AAG National Conference, Canberra, November 2016.

Burgess S, Burgess J. Frailty amongst community dwelling older people: A national prevalence survey. AAG National Conference, Canberra, November 2016.

Burgess S, Burgess J, Shute J. Frailty in people seeking aged care with a Victorian provider. AAG National Conference, Canberra, November 2016.

Burgess S, Cantwell K, Morgans A, **Smith K**, Livingston M, Dietze P. Trends in older adult falls: Residence and temporal trends. LASA National Conference, Gold Coast, October 2016.

Dakic J, Smith B, **Gosling CM**. Musculoskeletal injury profile in professional Women's Tennis Association (WTA) players. Sports Medicine Australia Conference. Melbourne, Australia. October, 2016. (Winner: ASICS Best Poster – Injury Prevention.)

Dakic J, Smith B, **Gosling CM**. Hip and shoulder rotation range of motion and shoulder strength ratios and association with injury in professional female tennis players. Sports Medicine Australia Conference. Melbourne, Australia. October, 2016.

Fowler J, **Williams, B**. How can we improve paramedic confidence when dealing with paediatric patients? A scoping review. Paramedics Australasia International Conference (PAIC); 17-19 November; Auckland, 2016.

Gosling CM, Iles R, Munk K. Development of a triage tool and support pathway for workers with a compensable injury claim. International Forum on Disability Management. Kuala Lumpur, Malaysia. December 2016.

Iles R, **Gosling CM**. Assisting case managers to select interventions to encourage return to work: the PACED project. The 5th Australasian Compensation Health Research Forum. Melbourne, Australia. August 2016.

Munk K, Iles R, **Gosling CM**, Nicholas M. Government-Industry – Academic partnerships deliver innovation in disability management. International Forum on Disability Management. Kuala Lumpur, Malaysia. December 2016.

Olaussen A, Mitra B, Cameron PA, O'Donohoe T, Fitzgerald M. Massive blood transfusions post trauma in the elderly compared to younger patients. Integrated Emergency Care for Older Persons Summit, Melbourne, 2016.

Ross, L., & Jennings, P., & Williams, B. An examination of the relationship between experience, knowledge and attitudes toward older adults in paramedic students. Paper presented at 17th Ottawa Conference and the ANZAHPE 2016 Conference: Perth, Australia, 2016.

Ross, L., Williams, B., & Jennings, P. Paramedic Attendance to Older Adults: More than meets the eye. Paper presented at International Federation on Ageing 13th Global Conference: Brisbane, 2016.

Ross, L., Williams, B., & Jennings, P. Educational intervention to improve paramedic knowledge, attitudes and behaviour toward older adults. Future research presented at Victorian Showcase of Educational Research in the Health Professions: Melbourne, 2016.

Ross, L., Williams, B., & Jennings, P. Emergency paramedic attendance to older patients in Victoria. Paper presented at Australian Association of Gerontology: Canberra, 2016.

Ross L, Williams B., Jennings P. Paramedic attendance to older adults: More than meets the eye. International Federation on Ageing 13th Global Conference; 21-23 June; Brisbane, 2016.

Sawyer S, Coles J, Williams A, **Williams B**. The knowledge, attitudes and preparedness to manage intimate partner violence patients of Australian paramedics and paramedic students. Paramedics Australasia International Conference (PAIC); 17-19 November; Auckland, New Zealand, 2016.

Stam, N.C., Gerostamoulos, D., Smith, K., Dietze, P.M. & Pilgrim, J.L. The differentiation and classification of heroin-related deaths: a model for the standardisation of investigation and reporting. The International Association of Forensic Toxicologists (TIAFT) conference, 2016.

Stam, N.C. The forensic analysis of heroin-related deaths: evaluating the safety of non-fatal heroin overdose management by paramedics in the out of hospital environment. The Australian and New Zealand College of Paramedicine (ANZCP) conference, 2016.

Stam, N.C. Pharmacokinetics, pharmacodynamics and adverse drug reactions. Making waves 2016: the health practitioner movement conference, 2016.

Williams, A, Gurliaci R, Elliott C, Kari H, Williams B, Miller L, **Williams B**, et al. Impact of Learning Environment on Paramedic Student Critical Thinking. NAEMSE Conference; August 1-6; Forth Worth, Texas, 2016.

Williams B. Professionalization of Paramedics: Lessons from the Australian University Sector. World Trauma Congress, 17-20 August; New Delhi, 2016.

STAFFING

FIXED TERM AND ONGOING STAFF

Bowles, Kelly-Ann
Burns, Andrew
Butler, Clive
Cudini, Daniel
Curtis, Janet
Dambrosi, Damien
Gosling, Cameron
Haskins, Brian
Hudson, Lawrence
Jennings, Paul
Jurkovsky, Peter
Luttrell, Joel
Martin, Caroline
Mason, Rodney
Meadley, Benjamin
Ross, Linda
Sarris, Lisa
Sawyer, Simon
Stam, Emma
Stam, Nathan
Taylor, Craig
Tymms, Joanne
Williams, Brett

ADJUNCT STAFF

Moloney, John
Deasy, Conor

Burgess, Stephen
Al Sakaf, Omer
Page, David
Cantwell, Kate
Patrick, Ian
Olaussen, Alexander
Smith, Karen
Nehme, Ziad

CASUAL AND SESSIONAL STAFF

Abel, Chloe
Ablett, Kiran
Allan, Andrew
Allan, Jeffrey
Allan, Rodney
Alshammari, Talal
Andrews, Sophia
Andrews, Timothy
Arundale, Joshua
Asker, Campbell
Baile, Caitlin
Baird, Shelley
Bellomo, Laura
Beovich, Bronwyn
Black, James
Bourke, David
Bowden, Angus
Brownlie, Nicole

Bulle, Gabrielle
Caldicott, David
Caldow, Samuel
Campbell, Bruce
Chittenden, David
Clancy, Trevor
Coghlan, Paul
Collier, Callum
Cooke, Kristie
Costin, Benjamin
Courtney, Edda
Cresswell, Bart
Crocker, Rachel
Densem, Brendan
Eade, Alan
Etherington, Jamie
Fairall, Glenn
Fairey, Stephen
Farry, Gavin
Findley, Adam
Fisher, Jye
Fowler, James
Furmston, Boyd
Gardam, Wayne
Gillott, Jodi N
Grattan, Penny L
Gray, Toni
Hamilton, Cullen
Hanlon, Lynne

Hart, Andrew
Hicks, Brian
Hill, Stuart
Hilleard, Judith
Hodge, Darren
Hogan, Nicola
Humar, Matthew
Janssen, Anna
Jennings, Natasha
Johnson, Andrew
Jones, Colin
Jones, Rebecca
Kaur, Balvindar
Kilsby, Jake
King, Christine
Kolac, Christine
Kossart, Theodore
Lasslett, Robert
Lawley, Gavin
Lee-Archer, Kimberley
Little, Allison
Lynch, Martin
Lyons, Jonathan
Maher, Keryn
Malcolm, Michaela
Marshall, Kirsty
Martin, Bradley
Masri, Fida
McCartin, Haley

McKenzie, Andrew
McKenzie, John
Mersits, Yvette
Molhuysen, Jessica
Mullett, Claire
Murphy, Michelle
Musgrave, Steven
Oteir, Ala'A
Papadopoulos, Despina
Patterson, Jamie
Pawlukowski, Katherine
Peart, Sam
Peters, Malcolm
Pollard, Graeme
Powell, Lisa
Ramaswamy, Preeti
Ravi, Ravina
Richards, Jennifer
Robinson, Casey
Roder, Nicholas
Rowbotham, Samantha
Salathiel, Ross
Savic, Anita
Sawyer, Simon
Sedgwick, Kate
Sharpe, Amanda
Sheehan, Tamara
Shepherd, Matthew
Siddins, Daniel

Smith, Matthew
Smythe, David
Spratt, Leon
St Clair, Toby
Swales, Matthew
Tang, Christopher
Taylor, Sarah
Teese, Andrew
Toll, Paul
Tosch, Jason
Tozer-Jones, Jennie
Verhees, Chloe-Eloise
Vernon, Desmond
Vernon-Smith, Timothy
Veronese, Vanessa
Vine, Kathryn
Wallace, Mark
West, Daria
West, Emma
Whiting, Kate
Whitmore, Shaun
Wilks, Anne
Winship, Christian
Wright, Jonathan
Zahariou, Nathaniel
Zaleski, Karen

