Curriculum vitae

# professor paul andrew arbon am, kstj, faan, facn.

## contact

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## current Position

Matthew Flinders Distinguished Professor – Flinders University

Professor of Nursing (Population Health) – College of Nursing and Health Sciences, Flinders University

Director – Torrens Resilience Institute, Flinders University

Vice Chair – World Health Organisation (WHO) / World Health Emergencies (WHE), Health Security Interface Technical Advisory Group. 2019-2021

MEMBER – Roster of Experts, International Health Regulations, World Health Organization

2012 - 2016 and 2016 - Jan 2021

Director – World Health Organization Collaborating Centre for Mass Gatherings and Global Health Security (AUS109), Flinders University. 22 April 2013 – 22 April 2022

Adjunct Professor – College of Public Health, Medical and Veterinary Science, James Cook University (to 31/12/2021)

Chair of Training – Board of Directors, St John Ambulance Australia (South Australia) Inc.

## career summary and WORK-RELATED experience

1983 - 1984 Registered Nurse, Casualty Department – Royal Adelaide Hospital (RAH)

1984 - 1985 Infection Control Nurse / Senior Registered Nurse – Royal Adelaide Hospital (RAH)

Fleet (Shift) Supervisor – St John Ambulance Service SA Inc

1985 - 1986 Nurse Educator – Royal Adelaide Hospital (RAH)

1986 - 1991 Lecturer – School of Nursing Studies, South Australian College of Advanced Education

1991 - 2003 Senior Lecturer, School of Nursing, University of South Australia

1993 - 1998 State Superintendent – St John Ambulance Australia (South Australia) Inc

1993 - 2004 Functional Group Coordinator and Functional Service Liaison Officer – State Disaster Plan, Government of South Australia

1993 - 1998 Member/Chair – Emergency Services Coordination Committee (ESCC), Government of South Australia

1997 - 1998 Authorised Officer – State Disaster Act 1995/96

1998 - 1999 Chief Nursing Officer – St John Ambulance Australia Inc.

1999 - 2002 Chief Superintendent – St John Ambulance Australia Inc.

2001 - 2005 Member – Nursing Consultative Group, Australian Defence Force

2002 - 2011 Chief Commissioner and Director – National Board, St John Ambulance Australia

2004 - 2006Chair of Acute Care Nursing and Director – Research Centre for Nursing and Midwifery Practice, The University of Canberra and The Canberra Hospital

2004 - 2006 Member – Nursing and Midwifery Leaders Forum, ACT Health, ACT Government

2004 - 2006 Chair – Nursing and Midwifery Research Committee, ACT Health

2004 - 2006 Member – ACT Health and Community Care Human Research Ethics Committee, Ministerial appointment, Health Act 1993 S9.

2007 - 2011 Board Member – World Association for Disaster and Emergency Medicine

2007 – Present Professor of Nursing (Population Health), Flinders University

2009 – 2017 Dean – School of Nursing and Midwifery, Flinders University

2009 - 2017 Deputy Executive Dean – Faculty of Health Sciences, Flinders University

2011 - 2013 Director of Training – St John Ambulance Australia

2011 - 2015 President – World Association for Disaster and Emergency Medicine

2011 - Present Director – Torrens Resilience Institute, Flinders University

2015 - Present Past President – World Association for Disaster and Emergency Medicine

2016 - Present Director and Chair of Training – St John Ambulance Australia SA Inc

## Academic qualifications

2001 Doctor of Philosophy (The University of Sydney)

1990 Master of Education Studies (Flinders University of South Australia)

1984 Graduate Diploma in Health Education (South Australian CAE)

1983 Registered General Nurse (Royal Adelaide Hospital)

1979 Bachelor of Science (Flinders University of South Australia)

1979 Diploma in Education (Flinders University of South Australia)

## membership in professional organisations

1986 - Present Fellow – Australian College of Nursing (FACN)

2014 - Present Fellow – American Academy of Nursing (FAAN)

Life Member World Association for Disaster and Emergency Medicine (WADEM)

2012 - 2021 Roster of Experts – International Health Regulations, World Health Organization

## awards

#### Member of the Order of Australia (AM) (Australian Honours System)

For contribution to the Australian community particularly in the role of Chief Commissioner: St John Ambulance Australia and for Nursing Education and Research. Queen’s Birthday Honours 2004.

#### Knight: Order of St John (KStJ) - Most Venerable Order of the Hospital of St John of Jerusalem) (Australian Honours System)

Promoted in the Order (1994, 2002 and 2009).

#### Australian National Medal (Australian Honours System)

The National Medal is awarded for diligent long service to the community in hazardous circumstances, including in times of emergency and national disaster, in direct protection of life and property (1991).

#### Queensland Flood and Cyclone Citation (Queensland government)

For initiative, bravery, courage, resilience and strength during the Queensland floods and Cyclone Yasi response (2011).

## research

2020 Arbon, P and Nunes-Vaz, R. Evaluating deterrence value: modelling the value of Defence capabilities outside of conflict. Funded by Defence Science and Technology Group, Department of Defence, Australian Government, $60,000

2020 Arbon, P. Health Security Interface Development. World Health Organisation, $36,450.

2020 Arbon, P. and Nunes-Vaz, R. Resilience assessment approach tailored to understanding national systems, capitals and capacities and their abilities to cope with malign influence. $90,000. Topic 1 of the Project; Using social media in measuring the value of efforts and interventions in building the social resilience of target populations, funded by Defence Science and Technology Group, Department of Defence, Australian Government, $260,000.

2019 Arbon, P. Coordination of the Health Security Interface Operations Working Group. World Health Organisation, $37,000

2019 Arbon, P. Project LINK- Improved coordination and investigation of deliberate biological events. This project includes three arms: 1) Development of a CBRN Global Database and Knowledge Management system; 2) Development of a Smartphone App for the provision of resources and guidance for in-field investigation of deliberate outbreaks; 3) Analysis of current coordination mechanisms across ASEAN agencies with a mandate for CBRN incidents. Funded by Global Affairs Canada, Weapons of Mass Destruction Threat Reduction Program, $924,784

2019 Arbon, P. Activating Community Resilience during Emergency Response. South Australian Disaster Resilience Grant Program. $84,310

2019 Arbon, P. Nunes-Vaz, R. and Filinkov, A. *Complex Systems Design for Social/National resilience to Disruptive Events*. Funded by DST Group, Department of Defence, Modelling Complex Warfighting SR4, $50,000.

2018 Crilly, J. Ranse, J. Aitkin, M. Walters, B. Padowitz, A; Associate Investigators: Arbon, P., Hutton, A., Johnson, A., Zimmerman, P., Ware, R., Byrnes, J., Romero, B., Raftery, C., Sutherland, K. and Wullschleger, M. The impact of an international mass gathering (2018 Commonwealth Games) on Gold Coast Hospitals emergency departments care delivery (Study 2). Gold Coast Health and Gold Coast Hospital Foundation Grant Scheme $52,878.

2018 Aitken, M., Crilly, J., Ranse, J., Arbon, P., Hutton, A., Padowitz, A., Walters, B., Johnston, A., Zimmerman, P., Ware, R., Byrnes, J., Romero, B., Raftery, C. and Sutherland, K. The impact of an international mass gathering (2018 Commonwealth Games) on Gold Coast Hospitals emergency departments care delivery (Study 1). $40,000 awarded from Emergency Medicine Foundation and $15,000 from Griffith University Health Group and MHIQ.

### completed research

2018/19 Arbon, P. Assessment of Disaster Resilience at High Risk Aged Care Facilities. To develop a Resilience assessment scorecard for aged care facilities in high-risk areas, to measure their preparedness for bushfire, flood and earthquake events. 2015-17 Natural Disaster Resilience Grant Scheme Projects $93,717.

2018 Arbon, P. Cuttance, G., Roberts L., Couzner, L., and Stephens, J. Mental Health support services at Mass Youth Gatherings. Unfunded in collaboration with the 2019 Australian Scout Jamboree.

2017/18 Arbon, P. Guide for Emergency Power Generators for Aged Care Facilities: developing guidelines for aged care facilities to select generators best suited to their facilities’ needs during disruptive events. Resthaven Inc. 2015-17 Natural Disaster Resilience Grant Scheme Projects $20,581.

2017/18 Steenkamp, M., Ross, K., Whiley, H. and Arbon, P. Rainwater Quality After Bushfires. SONM Near Miss Grant, Flinders University $5,000.

2017/18 Steenkamp, M. and Arbo,n P. Health Impact of the September 2016 South Australia Blackout: Finding Evidence from Social Media. SONM Start up, Flinders University $5,000.

2017 Steenkamp, M., Arbon, P. and Anikeeva, O. South Australian Emergency Management Workforce Development Project – Part 3. South Australian Fire and Emergency Services Commission, $6,848.

2017 Arbon, P., Gebbie, K., Steenkamp, M. and Anikeeva, O. State Health Emergency Response Arrangements Literature Review. Department of Health and Human Services, Victorian State Government, $14,000

2017 Coveney, J., Maeder, A., Drummond, M., Steenkamp, M. and Arbon P. Flinders Programme of Environmental Preparedness. CSIRO ON Prime Defence, $2,500.

2016/17 Kako, M., Arbon P. and Steenkamp, M. Establishment of evidence-based best practice to implement evacuation centres for vulnerable populations: a comparative study between Miyagi, Japan and Queensland, Australia. Faculty Start up grants, $9,988.00 and SONM Small Grant, Flinders University $5,000.

2016/17 Arbon, P. Modelling of the cascading effects of complex emergencies: the health system impacts. In collaboration with the Defence Science and Technology Group. Flinders University internal grant, $54,000.

2016/17 Arbon, P., Steenkamp, M. and Anikeeva, O. Evaluation of the Earthquake and Flood Emergency Resilience Scorecards for Aged Care. Resthaven Inc Scholarship Fund (Flinders University) $22,000.

2016 Steenkamp, M. and Arbon, P. Evaluation support to the South Australian Emergency Management Practitioner Capability Mapping Project – Part 2. South Australian Fire and Emergency Services Commission, $3,184.

2015/16 Steenkamp, M., Arbon, P., Parry, Y. and Cornell, V. Fast Tracking Disaster Recovery and the Sampson Flat Fire. SONM Small Grant, Flinders University $5,000.

2015/17 Arbon, P., Bottema, M., Zeitz, K., Lund, A. and Turris, S. Non-Linear Modelling of Mass Gatherings. Australian Research Council DP140101448, $247,000.00 over three years.

2015 Steenkamp, M. and Arbon, P. Evaluation support to the South Australian Emergency Management Practitioner Capability Mapping Project – Part 1. South Australian Fire and Emergency Services Commission, $5,958.

2015Fitzgerald, G., Cotrell, A., King, D., Arbon, P., Webb, C., Mayner, L. and Manock, I. Generic Emergency Management Standards for Higher Education. National Emergency Management Project Grants, Australian Government. $202,125.

2014Arbon, P., Gebbie, K., Cusack, L., Anikeeva, O., Steenkamp, M. Implementation and evaluation of the Community Disaster Resilience Scorecard Toolkit and Practice Guideline. National Emergency Management Program Grants, $177,000.

2014 Arbon, P., Gebbie, K., Anikeeva, O. and Steenkamp. M. Evaluation of the Psychosocial Aspects of Evacuation of Care Facility Resident. SA Country Health (SA Government) $6,635.

2012Arbon, P. Developing a process and tools for building resilience in vulnerable households. Torrens Resilience Institute. National Emergency Management Program, Attorney General’s Department, Australian Government, $125,000.

2012 Bi, P., Weinstein, P., Arbon, P., Nitschke, M., Zhang, Y., Liu, Q., Pan, X. and Zhang, J. Extreme heat and population health in China. Australia-China Science and Research Fund: Group Mission, $49,500.

2012Arbon, P., Hutton, A., Ranse. J, and Aimers, B. The potential role of St John Ambulance Australia in facilitating hospital avoidance during mass gathering events. St John Ambulance Australia, $11,680.

2011 - 2012 Arbon, P. RediPlan (SA) Evaluation. Australian Red Cross Inc., $30,000.

2011 - 2012 Arbon, P. Development of a model and tools to measure community resilience. Torrens Resilience Institute. National Emergency Management Program, Australian Government, $284,900.

2011 - 2012 Bi, P., Kralik, D., Arbon, P., Pisaniello, D., McAslan, A. and Nitschke, M. Building community resilience to deal with health impacts of extreme heat events in South Australia. Natural Disaster Resilience Program, Australian Government, $65,808.

2010 - 2011 Hutton, A., Zannetino, L., Cusack, L., Arbon, P. and Schaeffer, J. Celebration not hospitalization! Reducing the number of young people requiring hospitalization due to alcohol ingestion at Schoolies. Faculty of Health Sciences Seeding Grant , Flinders University, $15,000.

2010 - 2011 Hutton, A., Ranse, J. and Arbon, P. Understanding and identifying the potential risks for young people at music festivals. St John Ambulance Australia Research Grant. $8,684.

2010 - 2011 .Zeitz, K., Arbon, P. and Kako, M., The Health and Safety Risks of Public Events. St John Ambulance Australia, $7,706.

2010 - 2011 Arbon, P., Kako, M., Cusack, L. and Kralik, D. Identification of the health care needs of homeless people during extreme weather events in SA. Industry Partnership Grants, Flinders University, $43,000.

2010 Arbon, P., Cusack, L. and Siegloff, L. The Impact of Catastrophic Fire Rated Days on nurse staffing in rural hospitals in South Australia. Unfunded.

2010 - 2011 Arbon, P., Hutton, A., Cusack, L., Kako, M. and Starr, L. Exploring nursing students understanding of being regulated. Nurses Memorial Foundation, $6,300.

2009 - 2010 FitzGerald, G.J., Shaban, R.Z., Arbon, P., Aitken, P., Considine, J. and Clark, M. Emergency Department impact and patient profile of H1N1 Influenza 09 outbreak in Australia: A national survey. National Health and Medical Research Council, $106,136.

2009 - 2011 Arbon, P., Cusack, L., Kako, M., Considine, J., Shaban, R., Ranse, J., Mitchell, B., Duong, K. and Finucane, J. Understanding the willingness of emergency nurses to respond to a health care disaster. Industry Partnership Grants, $46,980.

2009 - 2011 Mayner, L. Arbon, P. and Smyth, V. Medication preparedness among people with chronic conditions during extreme weather events. Industry Partnership Grants, $46,000.

2009 - 2010 Arbon, P. Building Capacity for Pre-Hospital Care and Ambulance Paramedic Research. Flinders Collaborative Research Grants Scheme, $4,500.

2008 - 2010 Burstein, F., Churilov, L., Zaslavsky, A. and Arbon, P. Context-aware mobile decision support systems for medical emergency management in mass gatherings. Australian Research Council Linkage Grants, $158,000.

2006 - 2008 Arbon, P., Gardner, A., Waddington, G., Taylor, J., Van Dieman, N., Phillips, C., and Eggert, M. Implementing the Nurse Practitioner Role in Aged Care. ACT Health and the Australian Government Department of Health and Ageing, $637,634*.*

2006 - 2008 Arbon, P. First Aid Training and Harm Minimisation for Victims of Road Trauma: A Population Study. NRMA - ACT Road Safety Trust*,* $71,000*.*

2005 - 2007 Arbon, P. Multi-casualty triage: putting triage theory into practice at the scene of multiple casualty vehicular accidents: the reality of multiple casualty triage. NRMA - ACT Road Safety Trust, *$49,000.*

2005 - 2006 Arbon, P., Bobrowski, C., Zeitz, K., Williams, J. and Hooper, C. Nurses volunteering in disaster: A project analysing nursing volunteer data collected from the Disaster Hotline established in response to the 2004/5 Asian Tsunami. Unfunded.

2004 - 2005 Arbon, P., Gardner, A., Waddington, G., Proctor, M., Van Dieman, N., Phillips, C. and Eggert, M. Trial of the Nurse Practitioner Role in Aged Care. Australian Government Department of Health and Ageing and ACT Health, $620,000.

2003 - 2005 Arbon, P. The Experience of Resuscitation: a phenomenological study of the experience of lay (first aid trained) resuscitators. St John Ambulance Australia Research Grants, $5,000.

2004 Zeitz, K., Zeitz C. and Arbon, P. The development of models for injury surveillance and response to hazard at the Royal Adelaide Show. South Australian WorkCover Grants scheme, $15,900.

2003 Arbon, P., Gurd, B. and Weideman, T. Impact of management structures and approaches on public safety agencies in Australia and the Pacific Rim. UniSA Collaborative Research Grants Scheme, $20,000.

2002 Wilkinson, D., Grimmer, K., May, E. and Arbon, P. Review of Assessment and Transition Practices in Public Hospitals. Australian Health Ministers’ Advisory Council, $76*,435.*

2001 - 2002 Arbon, P. The Development of International Best Practice Standards for the Provision of First Aid Services at Mass Gatherings. Attorney Generals Department, Australian Government, *$8,510.*

2001 Arbon, P. and Bridgewater, FHG. Bushfire First Aid: an investigation of casualty presentation rates among rural firefighters and the influence of environmental factors. Emergency Service Levy Fund Grants, Government of South Australia, $*3,400.*

2001 Arbon, P. and Bridgewater, FHG. Development of a web-based algorithm for the prediction of Patient Presentation Rates (PPRs) at mass gatherings. St John Ambulance Australia Research Grant, $2,500.

2000 Arbon, P. Bridgewater, FHG. and Smith, C. Mass gathering first aid: an investigation of factors affecting patient presentation rates at large public events. Australia Rotary Health Research Fund $24,000 and St John Ambulance $3,430.

## research students

### doctor of philosophy students (completed)

Dr Georgia Halkett – The experience of medical care in early breast cancer treatment (2009).

Dr Masoud Bahrami – Quality of Life measurement in acute oncology patients (2011).

Dr Afshin Sharofi – The exploration of nurses’ and surgical patients’ knowledge, perspectives, understandings and use of complementary and alternative medicine (2011).

Dr Marlene Eggert – An exploration of the causes for the Australian Nurses shortage (2013).

Dr Jeranut Somchock – Efficacy of reflexology massage in Thai health settings (2013).

Dr Salizar Binti Mohamed Ludin – Discharge planning in Intensive Care settings (2011).

Dr Vicki Cornell – Disaster preparedness and the older person (2014).

Dr Philippa Rokkas – The Lived Experience of Australian Public Health Nurses’ Role in Disasters (2016).

Dr Karen Hammad – Preparing Accident and Emergency Department nurses for disaster response (2017).

DR Jamie Ranse – The experience of Australian nurses responding to Out of Hospital disaster (2017).

Dr Huahua Yin – Community Disaster Resilience in China (2017).

Ms Anna Hall – What motivates bystander engagement in emergency situations (2018).

Ms Lesley Siegloff – An ethno-biographical study of nursing in Australia (2019)

### Doctor of philosophy students (current)

Ms Tazrina Chowdhury -The experience of women in evacuation centres in Bangladesh.

Ms Elizabeth Goble – Understanding the mental health protective strategies of emergency and disaster responders.

## professional activities and knowledge application

International Health Regulations: Roster of Experts, United Nations – Appointed by the Director General, World Health Organization September 2012 - September 2021. Expert in health security.

Director – World Health Organization Collaborating Centre for Mass Gatherings and High Consequence/High Visibility Events (AUS109), Flinders University. 22 April 2013 – 22 April 2022.

Committee Member (MB-025) - Standards Australia Committees and Joint Standards Australia/New Zealand And International Standards. Security and Resilience Committee 2017 - Present

Australasian Journal of Emergency Nursing Most Cited Article 2015 – Hammad ,K., Arbon, P., & Gebbie, K. (2011). Emergency Nurses and Disaster Response: an exploration of South Australian emergency nurses' knowledge and perceptions of their roles in disaster response. Australasian Emergency Nursing Journal, 14(2), 87-94.

Australasian Journal of Emergency Nursing 5 Most Cited Articles 2014; 2015 and 2016 – Exploring staff willingness to attend work during a disaster: A study of nurses employed in four Australian emergency department. Published in 2013.

Australasian Journal of Emergency Nursing 5 Most Cited Articles 2014; 2015 and 2016 – Australasian emergency nurses' willingness to attend work in a disaster: A survey. Published in 2013.

PRE-HOSPITAL AND DISASTER MEDICINE – TOP TEN MOST CITED PAPERS – Lead author for two of the top ten most cited papers for the journal.

Virtual International Advisory Group - (VIAG) on Mass Gatherings and Deliberate Events, World Health Organization. Member 2010 – present.

Assessor – Australian Research Council Grant Schemes (ARC). 2010 – present.

President – World Association for Disaster and Emergency Medicine, 2011-2013.

International Editorial Board Member – Australasian Emergency Care: formerly Australasian Emergency Nursing Journal. To December 2018

International Editorial Board Member - Iranian Journal of Nursing and Midwifery Research

Editorial Board Member – Pre-Hospital and Disaster Medicine and Section Editor for Mass Gathering Medicine.

##### Reviewer for the Refereed Journals:

1. Journal of Advanced Nursing
2. Journal of Clinical Nursing
3. Collegian – Journal of the Royal College of Nursing Australia
4. International Nursing Review – Journal of the International Council of Nurses
5. Emergency Medicine Journal
6. Australasian Emergency Nursing Journal
7. Australasian Journal on Ageing
8. Journal of Emergency and Primary Health Care
9. Pre-Hospital and Disaster Medicine
10. American Journal of Public Health
11. Journal of Travel Medicine
12. International Journal for Disaster Risk Reduction

## recent resource development and consultancy

Training Workshop on Disaster Management for ICT Professionals. March 2020. World Food Program, $69,900

Member - Australian Disaster Resilience Conference (ADRC) 2020 Program Committee. Conference run concurrently with AFAC20 (Australian Fire Authorities Council), on 26-27 August 2020, at the Adelaide Convention Centre.

Emergency Management Training for the Aged Care Sector. May 2018. Aged Care and Community Services Association $12,000

World Health Organisation, 2017. Revision and update of the public health response to biological and chemical weapons: WHO guidance - $73,291

World Health Organisation 2017/18. Establishment of an informal technical working group, health security interface and related resources - $122,412

World Health Organisation 2017/18. Revision of self-assessment tool of national capacities to manage the health risks of the deliberate use of CBRN agents - $23,835

Facilitation of the 2026 Future Scope meeting for SA Country Fire Service, SA State Emergency Service and SA Metropolitan Fire Service in collaboration with the South Australian Fire and Emergency Services Commission. November 2016.

Facilitation of the Review of the South Australian State Emergency Management Plan. South Australia Police, June 2016.

World Health Organisation. Organisation of bi-annual meeting of WHO Collaborating Centres on Mass Gathering, $55,911

World Health Organisation Interim Guidance for International Meetings Attended by Individuals from Ebola Virus Disease-affected countries. October 2014. Developed in collaboration with the WHO Collaborating Centres for Mass Gatherings and coordinated by the Centre at Flinders University.

Developing a process and tools for building resilience in vulnerable households. Torrens Resilience Institute. National Emergency Management Program, Attorney General’s Department, Australian Government, $125,000, completed in 2012.

Develop a model and tools to measure community resilience. Torrens Resilience Institute. National Emergency Management Program, Attorney General’s Department, Australian Government, $284,900, completed in 2011.

## Publications

### A2R report (era eligible)

Arbon, P.A., Cusack, L., Gebbie, K.M., Perera, W.L.S. and Verdonk, S. (2013). *Developing a* *process and tools for building resilience in vulnerable households: Final Report June 2013.* Adelaide, South Australia, Australia: Torrens Resilience Institute.

Arbon, P.A., Gebbie, K.M., Cusack, L., Perera, W.L.S. and Verdonk, S. (2012). *Developing a* *model and tool to measure community disaster resilience: Final Report October 2012.* Adelaide, South Australia: Torrens Resilience Institute.

Arbon, P.A., Eggert, M., Gardner, A., Phillips, C., Proctor, M., Van Diemen, N., et al. (2005). *The* *Aged Care Nurse Practitioner Pilot Project (ACNPPP)* Canberra, ACT: ACT Department of Health.

### b2 other chapter

Veneema, T., Arbon, P. and Hutton, A. (2018). Emergency medical consequence planning for special events, mass gatherings and mass casualty incidents. In Veneema (Ed), Disaster Nursing and Emergency Preparedness: For Chemical, Biological, and Radiological Terrorism and other Hazards. Springer, New York City. Pages 81-96.

Arbon, P.A., Shephard, M.D. and Kost, G.J. (2016). Point-of-care testing for disaster management. In Mark Shephard, ed. A Practical Guide to Global Point-of-Care Testing. Clayton South, Victoria, Australia: CSIRO Publishing, pp. 378-405.

Arbon, P. (2015). Event medical services. In T Endericks, B McCloskey, E Vincent, A Llamas, S Berns, M Barbeschi, N Isla, M Nunn, ed. Public Health for Mass Gatherings: Key Considerations. Geneva, Switzerland: World Health Organisation, pp. 120-128.

Arbon, P. and Cusack, L. (2011). Using research and evidence in practice. In D Kralik and A Van Loon, ed. Community Nursing in Australia. 2nd ed. Qld, Australia: John Wiley and Sons, pp. 193- 231.

Whitehead, D. and Arbon, P.A. (2010). Disaster Nursing Research. In Powers, R & Daily, E, ed. International Disaster Nursing. Port Melbourne, VIC: Cambridge University Press, pp. 561-583.

Arbon, P.A. (2008). Disaster planning and management. In Kralik, D, Trowbridge, K & Smith, J, ed. A practice manual for community nursing in Australia. UK: Blackwell Publishing, pp. 109-127.

Whitehead, D. and Arbon, P.A. (2007). Changing practice through research. In Zevia Scheider, Dean Whitehead, Doug Elliott, ed. Nursing & midwifery research: methods and appraisal for evidence-based practice. 3rd ed. Marrickville, NSW: Elsevier, pp. 320-336.

### c1 refereed article in scholarly journal

### Kako, M., Steenkamp, M, Ryan, B., Arbon, P. and Takada, Y. (2020). Best practice for evacuation centres accommodating vulverable populations: A literature review. Internationak Journal of Disaster Risk Reduction, 46 (2020) 101497, 1-14.

### Steenkamp, M., Ross, K., Whiley, H., Chubaka, E. & Arbon, P., (2019). Assessing the quality of roof-harvested rainwater after bushfires. Prehospital and Disaster Medicine. 34, s1, p. s42-s42

### Nunes-Vaz, R., Arbon, P., and Steenkamp, M. (2019). Imperatives for health sector decision-support modelling. International Journal of Disaster Risk Reduction, 38, 101234, 1-13

### Ludin, S. Rohaizat, M. and Arbon, P. (2018). The association between social cohesion and community disaster resilience: A cross‐sectional study. Health and Social Care in the Community, 27(3), 621-631. DOI:10.1111/hsc.12674

### Garnett, J., Arbon, P., Howard, D., & Ingham, V. (2018). Do university libraries in Australia actively plan to protect special collections from disaster?. Journal of The Australian Library And Information Association. doi: 10.1080/24750158.2018.1531678

### Arbon, P., Bottema, M., Zeitz, K., Lund, A., Turris, S., Anikeeva, O., & Steenkamp, M. (2018). Nonlinear modelling for predicting patient presentation rates for mass gatherings. *Prehospital and Disaster Medicine,* 1-6. doi:10.1017/S1049023X18000493

Anikeeva, O., Arbon, P., Zeitz, K., Bottema, M., Lund, A., Turris, S. and Steenkamp, M. (2018). Patient presentation trends at 15 mass gathering events in South Australia. *Prehospital and Disaster Medicine,* Aug;33(4):368-374. doi: 10.1017/S1049023X1800050X. Epub 2018 Jun 26.

Kako, M., Hammad, K., Mitani, S. and Arbon, P. (2018). Existing approaches to chemical, biological, radiological and nuclear (CBRN) education and training for health professionals: findings from an integrative literature review. *Prehospital and Disaster Medicine* 33(2):182-190. doi: 10.1017/S1049023X18000043.

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| Ross, K. E., Whiley, H. L., Chubaka, E. C., Steenkamp, M., Arbon, P. (2018). Potential contaminants in rainwater after a bushfire. Journal of Emergency Management, 16(3), 183-193 |  |
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### Hammad, K, Arbon, P, Gebbie, K and Hutton, A. (2018). Why disaster is not just normal business ramped up: Disaster response among ED nurses. *Australasian Emergency Care*, 21(1), 36-41

### Karen Hammad, Lingli Peng, Olga Anikeeva, Paul Arbon, Huiyun Du, Yinglan Li, (2017). Emergency nurses’ knowledge and experience with the triage process in Hunan Province, China, International Emergency Nursing, ISSN 1755-599X, <http://dx.doi.org/10.1016/j.ienj.2017.05.007>.

Belletti, G, Shorofi, SA, Arbon, P and Molin, AD. (2017). Complementary and Alternative Medicine: Italian validation of a questionnaire on nurses professional and personal use knowledge and attitudes. Journal of Nursing Measurement, 25(2), 292-304

Shorofi, SA, and Arbon, P. (2017). Complementary and alternative medicine (CAM) among Australian hospital-based nurses: knowledge, attitude, personal and professional, use, reasons for use, CAM referrals and socio-demographic predictors of CAM users. Complementary Therapies in Clinical Practice 27, 37-45.

Bahrami, M., Namnabati, M., Mokarian, F., Oujian, P. and Arbon, P.A. (2017). Information- sharing challenges between adolescents with cancer, their parents and health care providers: a qualitative study. *Supportive Care in Cancer.*

Binti Mohamed Ludin, S. and Arbon, P.A. (2017). Improving community disaster resilience through scorecard self-testing. *Disaster Prevention and Management,* 26(1) pp. 13-27.

Arbon, P.A., Steenkamp, M., Cornell, V., Cusack, L. and Gebbie, K.M. (2016). Measuring disaster resilience in communities and households: Pragmatic tools developed in Australia: Pragmatic Tools Developed in Australia. *International Journal of Disaster Resilience in the Built* *Environment,* 7(2) pp. 201-215.

Anikeeva, O., Cornell, V., Steenkamp, M. and Arbon, P.A. (2016). Opportunities for general practitioners to enhance disaster preparedness among vulnerable patients. *Australian Journal of* *Primary Health,* 22(4) pp. 283-287.

Ramsey, I.J., Steenkamp, M., Thompson, A.L., Anikeeva, O., Arbon, P.A. and Gebbie, K.M. (2016). Assessing Community Disaster Resilience using a balanced scorecard: lessons learnt from three Australian communities. *Australian Journal of Emergency Management,* 31(2) pp. 44-49.

Steenkamp, M., Hutton, A.E., Ranse, J.C., Lund, A., Turris, S., Bowles, R., et al. (2016). Exploring international views on key concepts for mass-gathering health through a Delphi process. *Prehospital and Disaster Medicine,* 31(4) pp. 443-453.

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