

Pharmacy Department

2025

In 2025, Pharmacy Department staff delivered 47 presentations (31 external papers/posters, one external webinar and 15 Research Week posters). Six presentations were at international conferences. The department's 33 new publications comprised 31 peer-reviewed journal papers, one externally published report and one peer-reviewed letter. Twenty-three staff were co-authors on at least one publication, including several first-time authors. Four national conference prizes were won. There were three PhD candidates in the department in 2025. [Publication date: March 2026]

Research Report



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Overview

In 2025 Pharmacy Department staff published 31 new peer reviewed articles, one externally published report and one peer reviewed letter to the editor. An additional six publications that were included in the 2024 annual report as 'online early' papers were published in a 2025 journal issue. Several projects undertaken in 2024 continue to navigate the peer review process and will be included in the 2026 report.

There were 31 invited and contributed oral presentations and posters presented by Pharmacy Department staff at a broad range of national and international conferences, one presentation at a national webinar and 15 posters presented at the Austin Health Research Week.

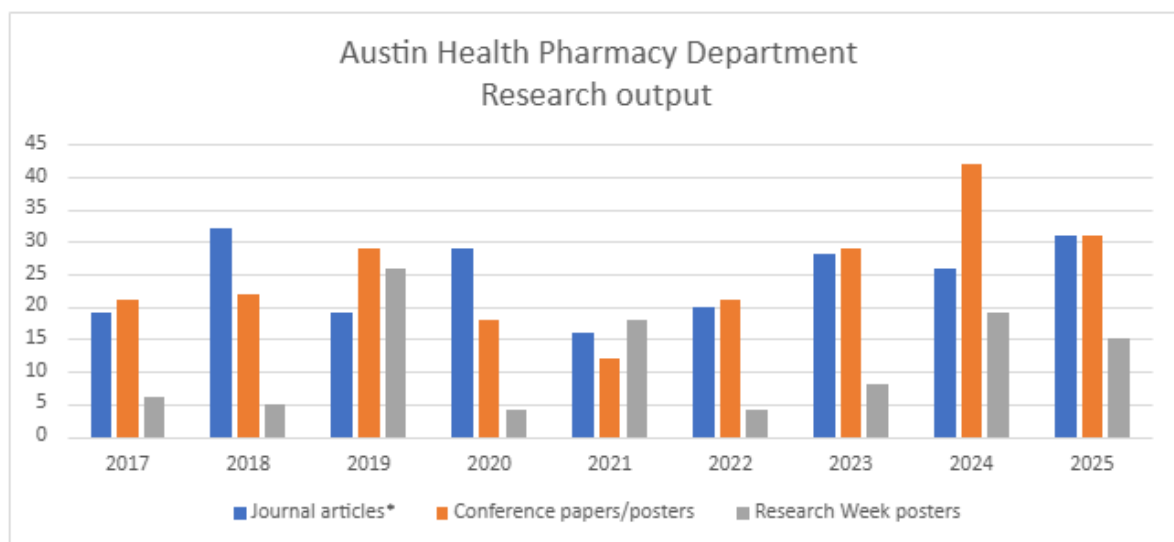


Figure. Key measures of Pharmacy Department research output 2017-2025

** The count of journal articles excludes any that were included in the previous year (published 'online first' or 'early view' before being published in a specific journal volume or issue)*

Several staff were recognised with national awards

The Medicines Optimisation Service (MOS) team, including pharmacists Elizabeth Su and Parnaz Aminian, won a Clinical Care Standards Excellence Award from the Australian Commission on Safety and Quality in Health Care in July 2025 for best practice use of the Opioid Analgesic Stewardship in Acute Pain Clinical Care Standard.

Elise Mitri, Karen Urbancic and Adele Batrouney won best poster awards at the Australasian Society for Infectious Diseases (ASID) Annual Scientific Meeting held in Canberra in April.

Bry Forrest and our RMIT Honours students, supervised by Simone Taylor and supported by the Austin Health Ngarra Jarra team, won the Australian Pharmacy Research Student of the Year Award at the Australian Pharmaceutical Science Association (APSA) conference. Their research project explored First Nations peoples' experiences during hospital-community care transitions, examining medication management, self-identification and Closing The Gap Co-payment program utilisation.

Continued higher research degree success.

Elise Mitri had continued success with her PhD candidature, through international collaborations evaluating pharmacist-led penicillin delabelling programs for patients with low-risk penicillin allergy. Elise was the first author on two articles in the prestigious *Clinical Infectious Diseases* journal, including an article describing the work of the International Network of Antibiotic Allergy Nations (iNAAN). Elise was also short-listed for the Early Career Researcher Award at Austin Health Research Week.

Patrick Hilley continued to progress his PhD program, exploring the value of novel virtual clinics for patients with inflammatory bowel disease. Karen Urbancic continues her work looking at antifungal stewardship. Jayne Droney's Master of Clinical Pharmacy project evaluated a Drug Disease Burden Index calculator integrated into the electronic medical record to guide deprescribing among older patients admitted to a surgical/trauma unit.

Three early-career pharmacists, Nim Kullar, Issy Tibb and Alysha Lam, were co-authors on their first publication, that stemmed from their Intern Foundation Program project. The findings of their project have informed the Australian Digital Health Agency workflows for e-prescriptions in hospital, by highlighting the necessity of hospital pharmacist intervention for most patients' discharge prescriptions before e-tokens are sent to the patient or their community pharmacy. This article was picked up by several medical media publications in 2025.

LOOKING FORWARD

With an increasing number of pharmacy staff keen to be involved in research and quality improvement projects, we continue to explore ways to provide opportunities for collaboration - to support research output and capacity, and the career progression of pharmacy staff.

A/Prof Simone Taylor
Senior Pharmacist – Emergency Medicine and Research

A/Prof Rohan Elliott
Senior Pharmacist – Aged Care, Poisons and Research

March 2026

Publications

There were 31 new peer reviewed articles, 1 externally published report and 1 peer reviewed letter to the editor published in 2025. An additional 6 publications are listed below that were included in the 2024 annual report as 'online first' or 'early view' papers but have since been published in a 2025 journal issue (indicated with an asterisk).

1. QUALITY USE OF MEDICINES

Aged Care

Waters NJ, **Mouchaileh N**, Low T, Ting C. Perhexiline-induced toxicity in a geriatric patient presenting with peripheral neuropathy, hepatotoxicity and recurrent falls. *BMJ Case Reports* 2025; 18: e263851 <https://doi.org/10.1136/bcr-2024-263851>

Mouchaileh N, Cameron J. Device-assisted therapies for Parkinson disease. *Australian Prescriber* 2025; 48: 10-7. <https://doi.org/10.18773/austprescr.2025.003>

Monti G, Williams E, Malone DT, **Mouchaileh N**, Davis SA, Scott MA, Woodall T. Comparison of United States and Australian pharmacy student attitudes towards careers in geriatrics. *Currents in Pharmacy Teaching and Learning* 2025; 17(4): 102208. <https://doi.org/10.1016/j.cptl.2024.102208>

Sarwar MR, Cross AJ, Godbee K, Geethadevi GM, [...], **Elliott RA**, et al. Identifying dementia risk profiles for targeted interventions: a latent class analysis of at-risk middle-aged Australians. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association* 2025; 21: e70888. <https://doi.org/10.1002/alz.70888>

Infectious Diseases

Lim A, **Khumra S**, **Mitri E**, Qian J, Juric K, Kruoch L, et al. Implementation of a proposed algorithm to assess and de-label false penicillin allergy labels in the community. *Infection, Disease & Health* 2025; 30: 316-321. <https://doi.org/10.1016/j.idh.2025.04.002>

Cox F, Vogrin S, Sullivan RP, Stone C, Koo G, [...], **Mitri E**, et al. Development and validation of a cephalosporin allergy clinical decision rule. *Journal of Infection* 2025; 90(6): 106495. <https://doi.org/10.1016/j.jinf.2025.106495>

Ng I, James F, Copaescu A, Vogrin S, **Mitri E**, Rose M, et al. Prolonged versus single dose in penicillin oral challenge testing: protocols for a pilot and definitive randomised controlled trial (PROSPECTOR studies). *BMJ Open* 2025; 15(2): e094712. <https://doi.org/10.1136/bmjopen-2024-094712>

Powell N, **Mitri E**, Wolfson AR, Staicu ML. Models of inpatient antibiotic allergy management in health care. *J Allergy Clin Immunol Pract* 2025 May;13(5): 1000-1003. <https://doi.org/10.1016/j.jaip.2025.01.020>

Mitri EA, Reynolds GK, Copaescu AM, Cox F, Waldron JL, Peter JG, Trubiano JA. State-of-the-art review: antibiotic allergy - a multidisciplinary approach to delabeling. *Clinical Infectious Diseases* 2025; 81(4): e74-e92. <https://doi.org/10.1093/cid/ciaf401>

Mitri EA, Fletcher LR, Paynter C, Vogrin S, James F, Ng I, et al. International Network of Antibiotic Allergy Nations (iNAAN): Protocol for a type 2 hybrid effectiveness-implementation multicentre prospective cohort and target trial emulation study evaluating penicillin allergy delabeling via direct oral challenge. *PLoS One* 2025; 20(9): e0330724. <https://doi.org/10.1371/journal.pone.0330724>

Stehlin F, Vogrin S, **Mitri E**, Isabwe G, Trubiano JA, Copaescu AM. International validation of the SULF-FAST risk-stratification tool for sulfonamide antibiotic allergy. *JAMA Network Open* 2025; 8(7): e2519113. <https://doi.org/10.1001/jamanetworkopen.2025.19113>

McDanel DL, **Mitri EA**, Li JT, Brockow K. Inpatient penicillin allergy evaluation - skin testing versus direct oral challenge? *J Allergy Clin Immunol Practice*, Published online 18 Dec 2025; <https://doi.org/10.1016/j.jaip.2025.12.012>

* **Urbancic KF**, Kong DCM, Johnson PDR, Yong MK, Slavin MA, Thursky K. Antifungal stewardship in Australian hospitals: defining the scope and future targets. *Internal Medicine Journal* 2025; 55(2): 223-232. <https://doi.org/10.1111/imj.16571>

Inflammatory bowel disease

Hilley P, Chin S, Wong D, De Cruz P. Implementation of Values based healthcare in inflammatory bowel disease - a review article. *Journal of Crohns and Colitis* Published online 19 Sep 2025; <https://doi.org/10.1093/ecco-jcc/ijaf173>

Chin S, Con D, **Hilley P**, Corte C, Liu K, Testro A, et al. Systemic biologics have similar safety to vedolizumab in inflammatory bowel disease patients following liver transplantation. *Alimentary Pharmacology & Therapeutics* 2025; 62: 1003-1011. <https://doi.org/10.1111/apt.70283>

* **Hilley P**, Wong D, De Cruz P. How does an integrated pharmacist add value in the management of inflammatory bowel disease in the era of values-based healthcare? *Inflammatory Bowel Disease* 2025; 31(5): 1419-1429. <https://doi.org/10.1093/ibd/izae196>

Oncology

Sandhu G, Gordon E, Adattini J, O'Neill N, Chambers P, [...], **Siderov J**, et al. A methodology for determining dosing recommendations for anticancer drugs in patients with abnormal kidney function. *eClinicalMedicine* 2025; 82: 103101 <https://doi.org/10.1016/j.eclinm.2025.103101>

Sandhu G, Adattini J, Gordon E, O'Neill N, Bagnis C, [...], **Siderov J**, et al. Aligning kidney function assessment in patients with cancer to global practices in internal medicine. *eClinicalMedicine* 2025; 82: 103102 <https://doi.org/10.1016/j.eclinm.2025.103102>

Sandhu G, Adattini J, Gordon E, O'Neill N, Bagnis C, [...], **Siderov J**, et al. Integrating International Consensus Guidelines for Anticancer Drug Dosing in Kidney Dysfunction (ADDIKD) into everyday practice. *eClinical Medicine* 2025; 82: 103161 <https://doi.org/10.1016/j.eclinm.2025.103161>

O'Bryen J, Green S, Seine AJ, Hudson J, De Cruz R, Reiche L, Boyce A, Tong PL, **Siderov J**, Guitera P. Pre- and post-treatment care for actinic keratosis: an Australian and New Zealand perspective. *Australian Journal of General Practice* 2025; 54: 541-546. <https://doi.org/10.31128/ajgp-09-24-7415>

2. MEDICATION SAFETY AND PHARMACOVIGILANCE

Kullar N, Tibb I, Lam A, Elliott RA, Ting C, Taylor SE. Hospital pharmacist interventions to correct medication errors on discharge prescriptions: a prospective observational study. *Journal of Pharmacy Practice and Research*, Published online 24 October 2025 <https://doi.org/10.1002/jppr.70048>

Elliott RA. Effect of dose administration aids on adherence to self-administered medications: limitations of the evidence from a systematic review [peer reviewed letter]. *Journal of Pharmacy Practice and Research* 2025; 55: 516-17. <https://doi.org/10.1002/jppr.70050>

Morison L, Chan V, Tran T. Opioid prescribing in post-operative orthopedic patients admitted to inpatient rehabilitation. *Journal of Opioid Management* 2025; 21: 303-308 <https://doi.org/10.5055/jom.0941>

* **Hormiz R, Stanley B, Elliott RA.** Medication incidents at supported disability accommodation (group homes) in Victoria, Australia: a retrospective audit of calls to a poisons information centre. *Australian Health Review* 2025; 49: AH24221. <https://doi.org/10.1071/AH24221>

3. PHARMACY SERVICE DESIGN AND DELIVERY (HEALTH SERVICES RESEARCH)

Anderson BJ, **Taylor SE**, Travaglia, Catanzariti RL, Pont L. Trends in the uptake of clinical support pharmacy technician roles in Australian hospitals from 2016 to 2022: a cross-sectional survey. *Journal of Pharmacy Practice and Research* 2025; 55: 193-203. <https://doi.org/10.1002/jppr.1958>

Nguyen S, Lau J, Tran T, Yeoh J, Martin L, Horrigan M. Designing and implementing a virtual cardiac hospital in the home pharmacy service. *Journal of Pharmacy Practice and Research* 2025; 55: 193-203 <https://doi.org/10.1002/jppr.70047>

Penm J, Yeung K, Moles RJ, Criddle D; **Elliott RA**, Rigby D, et al. Timely post-discharge medication reviews to Improve Continuity—the Transitions of Care stewardship (TIC TOC) study in rural and regional Australia: a parallel-group randomised controlled trial study protocol. *BMJ Open* 2025; 15: e100588. <https://doi.org/10.1136/bmjopen-2025-100588>

Emadi F, Dabliz R, Moles R, Carter S, Chen J, Grover C, Angley M, **Elliott RA**, et al. Medication-focused telehealth interventions to reduce the hospital readmission rate: a systematic review. *Journal of Pharmaceutical Policy and Practice* 2025; 18: 2457411 <https://doi.org/10.1080/20523211.2025.2457411>

Krogh L, Carter S, Liu S, Moles RJ, Chen J, Englezos K, Yeung K, **Elliott RA**, Angley M, et al. Methods used to identify and classify medication-related admissions and readmissions to hospitals: A systematic review. *Research in Social and Administrative Pharmacy*, Published online 17 December 2025. <https://doi.org/10.1016/j.sapharm.2025.12.009>

Cheung N, Grieve A, Wilby K, Tran T, Lim A. Use of Linguistic Communication Strategies (Hedges and Intensifiers) in Simulated Pharmacy Education Shared Decision-Making, *American Journal of Pharmaceutical Education* 2025; 89(10): 101492. <https://doi.org/10.1016/j.ajpe.2025.101492>

Su E. Victorian Guidance for Anticoagulation Stewardship Programs. Victorian Therapeutics Advisory Group (VicTAG). 2025 (May). Available from: https://www.victag.org.au/Victorian_Guidance_for_Anticoagulation_Stewardship_Programs_FINAL_March_2025.pdf

4. TOXICOLOGY

Victorian Poisons Information Centre

Peters E, Hodgson SE, **Elliott RA**, Greene SL. Guanfacine exposure in paediatric and adolescent patients: A multicentre retrospective review. *Emergency Medicine Australasia* 2025; 37(2): e70018. <https://doi.org/10.1111/1742-6723.70018>

Greene SL, Fawcett R, Castle J, **Koutsogiannis Z**. Dissociative-like neurotoxicity following analytically confirmed exposure to hexahydrocannabinol (HHC). *Journal of Medical Toxicology* Published online 12 Nov 2025. <https://doi.org/10.1007/s13181-025-01102-8>

* **White J, Elliott RA**. A 10-year retrospective review of exposures to volatile nitrites reported to the Victorian Poisons Information Centre. *Clinical Toxicology* 2025; 63: 32-36. <https://doi.org/10.1080/15563650.2024.2423832>

* Buckley NA, Noghrehchi F, **Elliott RA**, Wylie C, Merwood N, Bengler L, et al. Self-poisoning in young Australians: the impact of COVID-19 and recent trends following easing of restrictions. *Australian & New Zealand Journal of Psychiatry* 2025; 59(1): 29-39. <https://doi.org/10.1177/00048674241291321>

* Dempsey R, **Zia K, Elliott RA**, Noghrehchi F, Wong A. Trends in e-cigarette exposures reported to an Australian poisons information centre between 2017 and 2023 with a reflection on legislative changes in 2021. *International Journal of Drug Policy* 2025; 135: 104684. <https://doi.org/10.1016/j.drugpo.2024.104684>

Emerging Drug Network Australia, Victoria (EDNAV)

Syrjanen R, Greene SL, Hodgson SE, Abouchdid R, et al. Counterfeit 'Xanax®' tablets: A comparative study of clinical and seizure data in Victoria, Australia. *Addiction* 2025; 120: 2465-2475. <https://doi.org/10.1111/add.70174>

Smith JL, Weber CC, Schumann JL, [...], **Greene SL**. Novel psychoactive substances in Australian emergency departments: implications for public health practice from multi-centre prospective toxicosurveillance across five states, 2022-2023. *International Journal of Drug Policy* 2025; 145: 104969. <https://doi.org/10.1016/j.drugpo.2025.104969>

Isoardi KZ, Alfred S, Weber C, [...], **Greene SL**. Clinical toxicity of nitazene detections in two Australian emergency department toxicosurveillance systems. *Drug Alcohol Review*, Published online 19 Jan 2025. <https://doi.org/10.1111/dar.13998>

Conference/Seminar Oral Presentations and Posters

Research papers and posters, and professional development lectures/workshops, presented externally in 2025.

1. QUALITY USE OF MEDICINES

Aged Care

Mouchaileh N, et al. Therapeutic drug monitoring in action: identifying a serious ADR behind functional decline and recurrent hospitalisation. *Medicines Management 2025, Advanced Pharmacy Australia National Conference*, Melbourne, 2025 (Nov 27-29)

Dayment J, Mouchaileh N, Elliott R, Mitchell S, Taylor S. Osteoporosis management: a denosumab continuum of care initiative following hospital administration. *Medicines Management 2025, Advanced Pharmacy Australia National Conference*, Melbourne, 2025 (Nov 27-29)

Su E, McMaster C, **El-Naggar S, Mouchaileh N**, Vengurlekar G, **Elliott R, Aminian P**, Frauman A, Liew D. Partnered pharmacist medication deprescribing: a collaborative approach to deprescribing sedatives and anticholinergics. *Australian and New Zealand Society for Geriatric Medicine Annual Scientific Meeting 2025*, Sydney (June 10-13)

Cross AJ, Sarwar MR, Godbee K, Geethadevi GM, Magin P, ..., **Elliott RA**, [...], George J. Multidomain intervention for dementia risk reduction in primary care: results from the HAPPI MIND cluster randomised controlled trial. *European Geriatric Medicine Society (EuGMS) 21st Annual Congress*, Iceland, 2025 (Sep 24-26)

Sarwar MR, Cross AJ, Godbee K, Geethadevi GM, Magin P, ..., **Elliott RA**, [...], George J. HAPPI MIND: A nurse-led, m-health-supported multidomain intervention to reduce dementia risk in primary care. *Pharmacology (British Pharmacological Society conference)* Belfast, Ireland, 2025 (Dec 16-18)

Infectious Diseases

Mitri E. What's next for antimicrobial allergy? (Invited speaker). *Antimicrobials Annual Scientific Meeting*, Melbourne, 2025 (Feb 22)

Mitri E. The Long-term Sustainability of a Pharmacist-Led Antimicrobial Stewardship Penicillin Allergy Delabelling Ward Round: A Prospective Cohort Study (Invited speaker). *European Society of Clinical Microbiology and Infectious Diseases (ESCMID) Global*, Vienna, Austria, 2025 (Apr 13)

Mitri E. The Long-Term Sustainability of a Pharmacist-Led Antimicrobial Stewardship Penicillin Allergy Delabelling Ward Round. (Oral presentation) *Australasian Society for Infectious Diseases (ASID) Annual Scientific Meeting*, Canberra, 2025 (April 3-5)

Mitri E. RECONCILE: An Australian Survey of Multi-Disciplinary Low-Risk Penicillin Allergy Delabelling. (poster) *Australasian Society for Infectious Diseases (ASID) Annual Scientific Meeting*, Canberra, 2025 (April 3-5)

Perera D, Clegg B, Thomas A, Vogrin, S, Motaganahalli S, Kahn JR, **Khumra S**, et al. Pelvic osteomyelitis in spinal cord injury patients – a break with tradition. *Australian Society for Infectious diseases (ASID) Annual Scientific Meeting*, Canberra, 2025 (Apr 3-5)

Urbancic K. Oncology Antimicrobial Stewardship: Safe Intravenous-to-Oral Switch and Antimicrobial Optimisation (OASSIS) (poster) *Australian Society for Infectious diseases (ASID) Annual Scientific Meeting*, Canberra, 2025 (Apr 3-5)

Urbancic K. Isavuconazole Use in Haematological Malignancy: an eight-year tertiary centre analysis (poster). *Australian Society for Infectious diseases (ASID) Annual Scientific Meeting*, Canberra, 2025 (Apr 3-5)

Batrouney A. The VALUE of VALA ciclovir in Herpesvirus reactivations among Janus Kinase Inhibitor Treated Patients. (poster) *Australian Society for Infectious diseases (ASID) Annual Scientific Meeting*, Canberra, 2025 (Apr 3-5)

Mitri E. International Network of Antibiotic Allergy Nations (iNAAN): A type 2 hybrid effectiveness-implementation multicentre prospective cohort and target trial emulation study evaluating inpatient penicillin allergy delabeling via direct oral challenge. *European Association of Allergy and Immunology (EAACI) Allergy School*, Hong Kong, 2025 (August)

Mitri E. Direct oral challenge for low-risk penicillin allergy: the iNAAN Hybrid Effectiveness-Implementation Trial. *Australasian Society of Clinical Immunology and Allergy (ASCIA) Conference*, Brisbane, 2025 (September 2)

Inflammatory Bowel Disease

Hilley P. Pharmacist-led virtual clinics as a platform to deliver values-based health care for inflammatory bowel disease [plenary speaker]. *Medicines Management 2025, Advanced Pharmacy Australia National Conference*, Melbourne, 2025 (Nov 27-29)

Oncology

Gandabhai S, Siderov J. In motion: enhancing oxaliplatin delivery efficiency through infusion time optimisation. *Medicines Management 2025, Advanced Pharmacy Australia National Conference*, Melbourne, 2025 (Nov 27-29)

Ip, S, Lau J, Siderov J. Investigating the timeliness of zoledronic acid initiation in adjuvant and neoadjuvant breast cancer patients. *Medicines Management 2025, Advanced Pharmacy Australia National Conference*, Melbourne, 2025 (Nov 27-29)



Left: Pharmacy Contingent at Medicines Management conference, Melbourne, November 2025
Right: COSA Cancer Pharmacist Groups Clinical Practice Course, Melbourne, May 2025

2. MEDICATION SAFETY AND PHARMACOVIGILANCE

Su E, Aminian P, McMaster C, Elliott R, Mouchaileh N, Neo F, Kohler S, Liew D. Managing behaviours, moving forward: a hospital audit of antipsychotic prescribing practices in delirium. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Baleswaran P, Chen M, Nguyen S, Tran T, Ting C. Digital Health enables multidisciplinary collaboration to improve accuracy of medication changes in medical discharge summaries. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Yeung K, Emadi F, Liu S, Yiu CH, Baysari M, ..., **Elliott R, Penm J.** Risk-prediction models focusing on medication management for predicting hospital readmission/emergency department revisits: a systematic review. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Su E. Opioid Analgesic Stewardship in Acute Pain Clinical Care Standard. Five stories of Excellence. *Australian Commission on Safety & Quality in Health Care. 10th Anniversary of Clinical Care Standards.* (Webinar) <https://safetyandquality.tv/ccs-10/live2/>

3. PHARMACY SERVICE DESIGN AND DELIVERY (HEALTH SERVICES RESEARCH)

Balassone J. To de-LIVER a service... it takes GUTS! Role of a transplant pharmacist in pre- and post-liver and intestinal transplant care [plenary speaker]. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Taylor S, Elliott R, Bekhit C, Rajabi Z, Punjawani N, Mouchaileh N, Hussain Z. Access to end-of-life care medications in the community. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Carroll M, Downs S, Lo Presti K, Tanner F, Ting C, Aitken A. Innovating medication management: a multidisciplinary team implements an electronic controlled drug register. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Su E, Chong J, Bortz H, Leitinger E, Sheppard M, Huynh S, Capone P, Jones C, Chellaram V, Ciabotti L. Driving momentum: developing the first Australian guidance framework for anticoagulation stewardship programs. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Aminian P, McGrath A, Balassone J, Hunt K, Wan M, Tanner F. In motion toward safe care: implementing a tool to improve outpatient medication management communication. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Yeung K, Moles R, Criddle D, **Elliott R, Rigby D, Shakib S, et al.** Evaluation of a transitions of care stewardship pharmacist facilitating post-discharge medication reviews: a qualitative study. *Medicines Management 2025, Advanced Pharmacy Australia National Conference, Melbourne, 2025 (Nov 27-29)*

Aminian P, Su E, Phillips M, Pontonio F, Delahunt M, Bruce P, McMaster C, Frauman A, Liew D. Focus on function - a multidisciplinary approach to reframing post-operative pain education. *Australian Pain Society Scientific Meeting*. Melbourne, 2025 (April 13)

Forrest B, Pham T, Hands M, Fadavi Firooz Y, Taylor SE, Brooke W, Webb D. Aboriginal and Torres Strait Islander patient medication transitions between hospital and community: a qualitative study. *Australasian Pharmaceutical Science Association (APSA) conference*. Adelaide, 2025 (Dec 6)



Parnaz Aminian invited speaker at the Australian Pain Society Scientific Meeting, Melbourne

TOXICOLOGY

Victorian Poisons Information Centre

Edwards J. Tik Tok Tox. *TAPNA Annual Scientific Meeting*, Wellington New Zealand, 2025 (May 6-8)

White J. Where in the world are VPIC calls coming from? A 5-year analysis of international calls to an Australian poisons information centre. *TAPNA Annual Scientific Meeting*, Wellington New Zealand, 2025 (May 6-8)

AUSTIN HEALTH RESEARCH WEEK POSTERS

The following posters were presented at the **Austin Health Research Fest 2025 (Nov)**:

Mitri E. Direct Oral Challenge for Low-Risk Penicillin Allergy: The iNAAN Hybrid Effectiveness-Implementation Trial. **(finalist)**

Hagl R, **Mitri E**, Vogrin S, Reynolds G, Trubiano J. Direct oral challenge for low-risk sulfa antibiotic allergy: a safe strategy for optimizing antimicrobial use in immunocompromised hosts.

Ferraro O, Sepe D, Elliott R. Prolactin monitoring in Mental Health patients newly commenced on antipsychotics.

Mazzini M, Wang C, To P, Taylor S. A wasted breath: the hidden costs of hospital inhaler use.

Stanley G, Taylor S, Uzunbay Z, Colley R, Harding A. Methoxyflurane use in the emergency department: a more environmentally friendly alternative to nitrous oxide.

Esposito S, Elliott R, Hilley P. Reducing low value care in IBD: an audit of deprescribing of 5-aminosalicylates in moderate to severe ulcerative colitis.

Chu J, Livingstone C, Versace M, Taylor S. Interim evaluation of an intervention promoting IV-to-oral switch of corticosteroids, proton pump inhibitors, paracetamol and mycophenolate administration in the intensive care unit.

Murray C, Livingstone C, Versace M, Taylor S. Evaluation of an interim intervention to encourage oral or enteral dosing over intravenous administration for vitamins & electrolytes in the intensive care unit.

Keith C, McLachlan G, Meaklim A. Intravenous iron administration: focus on 'real world' improvement cycle reflections in a complex tertiary hospital setting.

Morrison L, Gregory D, Tran T, Whitlam J. From complex to clarity: embedding an outpatient pharmacist in kidney transplantation at Austin Health.

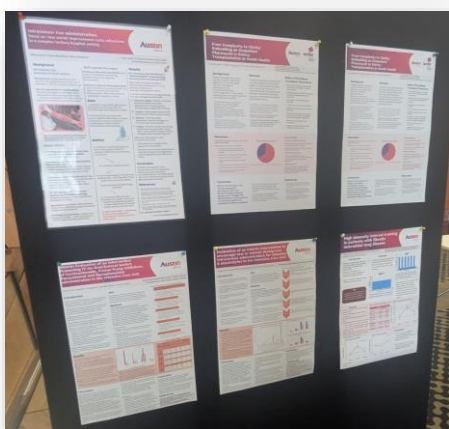
Su E, Aminian P, McMaster C, Elliott R, Mouchaileh, N, Neo F, Kohler S, Liew D. Managing behaviours, moving forward: a hospital audit of antipsychotic prescribing practices in delirium.

Gandabhai S, Siderov J. In motion: enhancing oxaliplatin delivery efficiency through infusion time optimisation.

Ian I, Ip S, Lau J, Siderov J. Investigating the timeliness of zoledronic acid initiation in adjuvant and neoadjuvant breast cancer patients.

Carroll M, Downs S, LoPresti K, Tanner F, Ting C, Aitken A. Innovating medication management: a multidisciplinary team implements an electronic controlled drug register.

McGrath A, Balassone J, Aminian P, Hunt K, Wan M, Tanner F. How listening to consumers improves medication understanding. **(Consumer Award finalist)**



A selection of Research Week posters

Awards

Prizes and awards

Elise Mitri. Best Poster (HICSIG): RECONCILE: An Australian Survey of Multi-Disciplinary Low-Risk Penicillin Allergy Delabelling. *Australasian Society for Infectious Diseases (ASID) Annual Scientific Meeting.* Canberra, 2025, April.

Karen Urbancic, Adele Batrouney. Best Poster (ICHSIG): OASSIS: Oncology Antimicrobial Stewardship: Safe Intravenous-to-Oral Switch and Antimicrobial Optimisation. *Australasian Society for Infectious Diseases (ASID) Annual Scientific Meeting.* Canberra, 2025, April.

Elizabeth Su, Parnaz Aminian, David Liew and Christopher McMaster. Clinical Care Standards Excellence Award. Australian Commission on Safety and Quality in Health Care July 2025. “Recognising the Medicines Optimisation Service for their dedication to excellence in best practice use of the Opioid Analgesic Stewardship in Acute Pain Clinical Care Standard.”

<https://www.safetyandquality.gov.au/publications-and-resources/resource-library/new-digital-tools-embed-opioid-stewardship-across-transitions-care>



(L to R) Christopher McMaster, Parnaz Aminian, Elizabeth Su, David Liew with their Australian Commission on Safety and Quality in Health Care Clinical Care Standards Excellence Award

McGrath A, Balassone J, Aminian P, Hunt K, Wan M, Tanner F. Austin Health Research Week Consumer Award finalist, November 2025. How listening to consumers improves medication understanding.

Elise Mitri. Austin Health Research Week Early Career Researcher Award finalist, November 2025. Direct Oral Challenge for Low-Risk Penicillin Allergy: The iNAAN Hybrid Effectiveness-Implementation Trial.

Bryony Forrest, Theresa Pham, Maddison Hands and Yasmin Fadavi Firooz, Pharmacy Research Student of the Year, *Australasian Pharmaceutical Science Association (APSA)*. Aboriginal and Torres Strait Islander patient medication transitions between hospital and community: a qualitative study. December 2025, Adelaide



Bry Forrest (second from RHS), Adelaide, December 2025

Grants

Lisa Ho, Simone Taylor, Phung To, Anne McGrath, Francine Tanner. Framework for Environmental and Sustainable Solutions in Managing Medicine Consumable Waste. Victorian Therapeutic Assessment Group (VicTAG) research grant. (2 days/week, Grade 3 salary for 6 months)

Prof Paul James, Senthil Lingaratnam, Dr Kusahani Jayasinghe, Graham Starkey, Jenny Devine, A/Prof Leslie Sheffield, Dr Marliese Alexander, A/Prof Natalie Taylor, Prof Michael Michael, Timothy Fazio, A/Prof Peter Hughes, Stephanie Chau, A/Prof Safeera Hussainy, Dr Bryony Thompson, Chris Schilling (Chief Investigators); Dr Stephanie Kuo, Dr Karl Vaz, Susan Fisher, **Gina McLachlan**, Chad Bousman, Florencia Staaf, Michael Christie, Sangavi Sivagnanasundrum, Dr Mark Cleghorn, Dr Rachel Conyers, Adam Boulton, Dr Bill Mulley, Laura Forrest, Lauren Akesson (Co-investigators) Title: Trial Implementation of Pharmacogenomics to improve Complex Hospital care. Grant: 2024 MRFF Genomics Health Futures grant number MRF2024250 (\$2,916,696.92 granted) 'Trial Implementation of Pharmacogenomics to improve Complex Hospital care'.



Scholarships

Elise Mitri, National Allergy Centre of Excellence (NACE) Postgraduate (PhD) scholarship. Project: “Multidisciplinary health services approaches to low-risk penicillin allergy delabelling”. 2023 – ongoing

Fellowships

Sharmila Khumra. Fellow of Advanced Pharmacy Australia (FAdPha) (*formerly the Society of Hospital Pharmacists of Australia*), November 2025

Paul Toner. Fellow of Advanced Pharmacy Australia (FAdPha) (*formerly the Society of Hospital Pharmacists of Australia*), November 2025

Research degree involvement

1. PHD CANDIDATES

Patrick Hilley

Virtual Clinics as a platform to deliver Values Based Health Care for Inflammatory Bowel Disease, University of Melbourne. (full-time, 2024 – ongoing)

Elise Mitri

Multidisciplinary health services approaches to low-risk penicillin allergy delabelling, Department of Infectious Diseases, at Austin Health and Peter Doherty Institute for Infection and Immunity, University of Melbourne (full-time, 2023 – ongoing)

Karen Urbancic

Antifungal stewardship in immunocompromised patients including solid organ transplant and haematology patients, National Centre for Antimicrobial Stewardship, University of Melbourne (part-time, 2016 – ongoing)

2. MASTER CANDIDATES

Jayne Droney

An EMR-integrated Drug Burden Index calculator to guide deprescribing among older falls patients admitted to the GATES unit: a pre- and post-intervention study. Master of Clinical Pharmacy, Monash University (2025)

3. RESEARCH SUPERVISION

Simone Taylor

Brett Anderson. Advancing hospital pharmacy technician roles in the Australian context. *PhD*, University of Sydney, NSW (part-time, 2021 - ongoing)

Bry Forrest, Therea Pham, Maddison Hands, Yasmin Fadavi Firooz. Aboriginal and Torres Strait Islander patient medicine related transitions of care between the hospital and community settings. Bachelor of Pharmacy (Honors), RMIT University, Melbourne

Nicholas Hayhoe, Sheis Sharief, Khadijah El-Hennawi, Jayden Chen. Pharmaceutical Waste Management in Victorian hospitals: a benchmarking study. Bachelor of Pharmacy (Honors), RMIT University, Melbourne

Lisa Ho

Nicholas Hayhoe, Sheis Sharief, Khadijah El-Hennawi, Jayden Chen. Pharmaceutical Waste Management in Victorian hospitals: a benchmarking study. Bachelor of Pharmacy (Honors), RMIT University, Melbourne

Tim Tran

Jayne Droney. An EMR-integrated Drug Burden Index calculator to guide deprescribing among older falls patients admitted to the GATES unit: a pre- and post-intervention study. Master of Clinical Pharmacy, Monash University (2025)

Adele Totham, Katelyn O'Grady, Bahar Majlesi Koupaei, Mahnoor Ansari. Medication related hospital readmissions in General Medicine. Monash University 4th year Pharmacy Inquiry Project (1st semester 2025)

4. RESEARCH DEGREE PANEL MEMBERSHIPS

Rohan Elliott

Brigid McInerney. Strategies to support psychotropic adverse drug event monitoring in residential care. *PhD*, Monash University (full-time, 2022 – ongoing)

5. ADVISORY GROUP MEMBERSHIPS

Simone Taylor

ENgaginG older people Across transitions of care to improve medication manaGement (The ENGAGE Project). Prof Elizabeth Manias. Project funded by National Health and Medical Research Council. Project no: 2025864.

Intern Foundation Program Projects for 2025

Jo Chu

Title: Interim evaluation of an intervention promoting IV-to-oral switch of corticosteroids, proton pump inhibitors, paracetamol and mycophenolate administration in the intensive care unit.

Supervisors: **Cameron Livingstone, Michelle Versace, Simone Taylor.**

Sarah Esposito

Title: Reducing low value care in IBD: an audit of deprescribing of 5-aminosalicylates in moderate to severe ulcerative colitis.

Supervisors: **Patrick Hilley, Rohan Elliott**

Olivia Ferraro

Title: Prolactin monitoring in Mental Health patients newly commenced on antipsychotics.

Supervisors: **Daniela Sepe, Rohan Elliott**

Mikaela Mazzini

Title: A wasted breath: the hidden costs of hospital inhaler use.

Supervisors: **Charlie Wang, Phung To, Simone Taylor**

Charlotte Murray

Title: Evaluation of an interim intervention to encourage oral or enteral dosing over intravenous administration for vitamins & electrolytes in the intensive care unit.

Supervisors: **Cameron Livingstone, Michelle Versace, Simone Taylor**

Gabrielle Stanley

Title: Methoxyflurane use in the emergency department: a more environmentally friendly alternative to nitrous oxide.

Supervisors: **Andrew Harding, Zulal Uzunbay, Ruth Colley, Simone Taylor**

Ongoing projects

1. QUALITY USE OF MEDICINES

Aged Care

Dayment J, Mouchaileh N, Elliott R, Taylor S. Evaluation of continuity of care for patients administered denosumab in hospital.

Taylor S, Elliott R, Mouchaileh N and RMIT Pharmacy Students. Access to end-of-life care medications in the community: a prospective, observational study.

Emergency Medicine

Bui C, Harding AM, Taylor SE, Mansouri N. Nurse Initiated Analgesia in the Emergency Department.

Infectious Diseases

Urbancic KF, Kong DCM, Johnson PDR, Slavin MA, Thursky K. Antifungal stewardship in Australian hospitals: defining the current scope and future targets.

Trubiano J, Urbancic K, Grigg A, Cohan E, Fong C, Wong E. Posaconazole plasma concentrations in haematology patients and the utility of therapeutic drug monitoring with the oral tablet formulation (multisite project – RMH, Austin).

2. MEDICATION SAFETY AND PHARMACOVIGILANCE

Aminian P, Dayment J, McCormack E. Identifying patients at high risk of opioid-related harm in a busy tertiary hospital; where do we start?

McLachlan G, Meaklim A, Taylor S, Chan V and RMIT Pharmacy Students. Risk of ketoacidosis for inpatients on SGLT2 inhibitors.

3. PHARMACY SERVICE DESIGN AND DELIVERY (HEALTH SERVICES RESEARCH)

Tran T, Totham A, O'Grady K, Majlesi Koupaei B, Ansari M (Monash Inquiry students) Medication related hospital readmissions in General Medicine.

Droney J, Tran T. An EMR-integrated Drug Burden Index calculator to guide deprescribing among older falls patients admitted to the GATES unit: a pre- and post-intervention study.

Shiu A, Tran T. Evaluation of a comprehensive pharmacy service delivered to Better@Home subacute patients.

Lowe K, Castello J, Tran Ly, Taylor S. Adherence to national heart failure guidelines.

Su E, McMaster C, Liew D, Aminian P, Mouchaileh N, El-Naggar S, Elliott R. Retrospective audits of deprescribing of medications with anticholinergic or sedative properties for older patients.

Aminian P, Su E, Liew D, McMaster C. Focus on Function; redesigning post-operative pain management education for consumers.

Aminian P, Charlton S, Gandabhai S, Su E, Liew D, McMaster C. Communicating for safety - supporting opioid continuity for our palliative care consumers transitioning home.

Su E, Aminian P, Gandabhai S, McMaster C, Liew D, Dix C, Lim A, Ting C, McGrath A, Gregory H. Retrospective audits of anticoagulant prescribing practices at a major metropolitan hospital.

Su E, Aminian P, McMaster C, Liew D, Elliott R, Mouchaileh N, Neo F, Sparham E, Kohler S. Retrospective audits of psychotropic prescribing in patients with cognitive impairment or disability.

Penm J, Moles R, Criddle D, Angley M, [...], **Elliott R**, et al. Timely post-discharge medication reviews to Improve continuity – the Transitions Of Care stewardship (TIC TOC) study in rural and regional Australia: a parallel-group randomised controlled trial. Trial registration: ACTRN12623000727640.

Hussainy S, Rogers J, Aliye N, Johnson J, Hickman L, **Taylor S, Elliott R**, Mirkov S, Ford D, Penm J, Page A, Galbraith K, Pont L. Pharmacy staff research behaviour project.

Taylor SE, Brooke W, Webb D, Forrest B, Pham T, Hands M, Fadavi Firooz Y, Yap C, Chan V, Khuon P, Bury B. Aboriginal and Torres Strait Islander patient medicine related transitions of care between the hospital and community settings.

Ho L, Taylor SE, Hayhoe N, Sharief S, El-Hennawi K, Chen J. Pharmaceutical Waste Management in Victorian hospitals: a benchmarking study. Bachelor of Pharmacy (Honors), RMIT University, Melbourne.

3. TOXICOLOGY

Greene S. The Emerging Drugs Network of Australia VIC (EDNAV) project.

Cairns R, Wright N, **Elliott R**, Wylie C, Lynch A, **Greene S**, et al. Boosting public health research with a national poisoning dataset.

White J, Liang Y, Elliott R. GLP-1-receptor agonist self-administration errors reported to a poisons information centre.



Research Collaborators

AUSTIN HEALTH DEPARTMENTS

- Aged Care
- Clinical Pharmacology
- Clinical Toxicology
- Emergency
- Gastroenterology
- General Medicine
- Infectious Diseases and Immunology
- Oncology
- Orthopaedics
- Victorian Poisons Information Centre
- Sustainability Unit

UNIVERSITIES

- Monash University
- RMIT University
- University of Melbourne
- University of Sydney
- University of Technology, Sydney

AUSTRALIAN HOSPITALS

- Barwon Health (VIC)
- Eastern Health (VIC)
- Monash Health (VIC)
- Northeast Health – Wangaratta (VIC)
- Royal Melbourne Hospital (VIC)
- St Vincent’s Hospital (VIC)
- Peter MacCallum Cancer Centre (VIC)
- The Northern Hospital (VIC)