School of Pharmacy and Life Sciences

Pharmacy Research Themes & Current Projects

Practice research within the School is considered a form of applied research which engages the health and social care community in the conduct of enquiry directed towards the management, organisation, services, processes, interventions and outcomes of health and social care practice.

Key research themes include:

- Innovations in sustainable models of integrated multidisciplinary health and social care education and practice (E&P) (e.g. inter-professional and experiential aspects of E&P, remote and rural E&P, independent prescribing, long term conditions, self-care, polypharmacy and pharmaceutical care and technology enhanced E&P)

- Medicines use, effectiveness and safety (e.g. specific populations, specific medicine groups and individual medicines, specific processes and procedures)

- Models of public health pharmacy that reduce disease burden and risk and improve outcomes (e.g. health inequalities, smoking cessation, alcohol and drug misuse, weight loss / obesity prevention).

Current funded projects:

- Scoping review of the literature on needs assessments for the educational requirements of healthcare practitioners in relation to cannabis-based products for medicinal use in humans.
- An investigation of health and social care early entrant experiences and coping strategies during rapid transition into professional practice during the COVID-19 pandemic.
- An exploration of the role of the Pharmacist Independent Prescribing course Designated Prescribing Practitioner in relation to community pharmacists in Scotland: key stakeholders’ views and perceptions of the role, barriers, and facilitators for its implementation
- Evaluation of the influence of Advanced Clinical Assessment (ACE) training on prescribing pharmacists’ behaviours and practices related to clinical service involvement in General Practice (GP) in Scotland

Current Doctoral research projects:

- A mixed methods study to identify, quantify and explore determinants of antimicrobial prescribing behaviours among clinicians based in Hamad Medical Corporation, Qatar
- A study to scope structures, processes and related outcomes of clinical pharmacy practice as part of the multidisciplinary care of patients with Chronic Kidney Disease.
- A theoretical exploration of hospital clinical pharmacists’ perceptions, experiences and behavioural determinants in relation to provision of optimal and suboptimal pharmaceutical care
- Development of a theoretically derived behaviour change intervention for clinicians on antimicrobial prescribing in Qatar
- Improving medication safety through an exploration of the implementation of theoretically derived interventions for rationalising prescribing, with a focus on polypharmacy in older people in tertiary care in Oman
- Investigating prescribers’ experiences of direct acting oral anticoagulants for the management of non-valvular atrial fibrillation
Recent Example Publications


