**WEBSITE TEMPLATE**

**1. RESEARCH THEME/s; PRP; GI: Health Care Delivery and Medicines Optimisation (quality of care in vulnerable populations); Infection and Antimicrobial Resistance (antimicrobial stewardship)**

**2. PI DETAILS (Name, Pure Link, Twitter Handle & Photo)**

Professor Carmel Hughes [http://pure.qub.ac.uk/portal/en/persons/carmel-hughes(128b735c-aa1c-4d47-9994-c2ad980c2ea3).html](http://pure.qub.ac.uk/portal/en/persons/carmel-hughes%28128b735c-aa1c-4d47-9994-c2ad980c2ea3%29.html)

**3. Research focus (80 words max)**

Carmel M. Hughes is Professor of Primary Care Pharmacy. Her main research interests are long-term care for older people, appropriate prescribing, the interface between general practitioners and pharmacists, evidence-based health care and the contribution of pharmacy to the global health agenda. She is also interested in the development of interventions and core outcome sets (COS). She uses a variety of methodologies in her research, including qualitative techniques and a range of quantitative methods, including randomised controlled trials.

**4. Research opportunities** 40 words max

Open to PhD applications in the field of primary care, prescribing, older people, medicines optimisation. Most projects which students undertake are mixed methods in nature i.e using both qualitative and quantitative approaches, including trials.

**5. Research students**

Name: Basma Kentab
PhD title: Medication use challenges in visually impaired

patients

Years of Study: 2017-2022
Country: Saudi Arabia

Name: Mubarak Alqahtani
PhD title: Appropriate polypharmacy in older people
Years of Study: 2020-2023
Country: Saudi Arabia

Name: Hanadi Al-Shaker

PhD title: Development of a core outcome set for adherence

Years of Study: 2021-2024
Country: Jordan

Name: Abrar Hassan F. Hassan
PhD title: Pharmacists in primary care
Years of Study: 2021-2024
Country: Saudi Arabia

**6. Alumni - where are they now? (3 Max)**

Name: Prof. Mayyada Wazaify

PhD Title: Appropriate use of non-prescription drugs

Years of Study: 2000-2003

Country: Jordan

Current Position: Professor of Pharmacy Practice, School of Pharmacy, University of Jordan and Adjunct Professor in Social Pharmacy, University of Helsinki, Finland

Name: Dr. Marie Bradley

PhD title: Investigation of the role of pharmacological exposures in the aetiology and survival of pancreatic cancer

Years of Study: 2006-2009
Country: N. Ireland and now, USA
Current position: Lead Pharmacoepidemiologist in the Division of Epidemiology, Center for Drug Evaluation and Research, US Food and Drug Administration.

Name: Dr. Hoa Nguyen

PhD Title: Antimicrobial stewardship in care homes for older people: development of a core outcome set

Years of Study: 2017-2020

Country: Vietnam

Current Position: Lecturer, University of Medicine and Pharmacy, Ho Chi Minh City

**7. Public Outreach/ other achievements** (media links; DNA innovation links etc; other press)

Carmel was the first pharmacist to have been appointed to a Harkness Fellowship in Health Care Policy (1998-99) which she spent at the Center for Gerontology and Health Care Research at Brown University, Providence, Rhode Island. Carmel is the only pharmacist to have been awarded a National Primary Care Career Scientist Award. She received the British Pharmaceutical Conference 2001 Practice Research medal. She is a Senior Editor for BMC Pilot and Feasibility Studies and an Editor for the EPOC Group in the Cochrane Collaboration. She was a member of the Research Excellence Framework (REF) Unit of Assessment 3 Sub-panel for REF 2021, and the Scientific Advisory Panel for Pharmacy Research UK. She is currently a member of the International Scientific Council (ISC) of the Louvain Drug Research Institute (LDRI, the Royal College of Surgeons in Ireland School of Pharmacy and Biomolecular Sciences External Advisory Board and a member of the International Advisory Board of the School for Primary Care Research (funded by the National Institute for Health Research-NIHR). She is a Trustee, Board Member and in-coming Chair of the Research Grants Committee of the Dunhill Medical Trust, a leading UK charity which funds research focusing on older people and a member of the NIHR Programme Grants for Applied Research Stage 2 Sub-Committee.

**8. Key words**

Primary care; older people; long-term care; evidence-based health care; prescribing; intervention development and implementation