

Dr David AG Henderson

Background

I am a Research Fellow based with the primary care and multimorbidity research group at the University of Edinburgh's Usher Institute. I am responsible for delivering the quantitative elements of an Economic & Social Research Council-funded grant evaluating transformation of primary care. I have particular skills utilising R to clean and analyse large and complex administrative datasets for epidemiology and health & care services research. I am also a registered Nurse with experience in Medical High Dependency and Acute Medical Admissions at Raigmore Hospital in Inverness as well as unscheduled care with NHS 24 as a Nurse Practitioner.

Education

University of Glasgow <i>PhD Urban Studies- passed no corrections</i>	2015-2019
University of Stirling <i>MRes Health Research - passed with Merit</i>	2013-2015
University of Dundee <i>PGCert Advanced Practice</i>	2012-2013
University of Stirling <i>BSc Nursing passed with Merit</i>	2006-2009

Employment History

Usher Institute, University of Edinburgh <i>Research Fellow</i>	2021-present
Edinburgh Napier University <i>Research Fellow</i>	2019-2021
University of Glasgow <i>Research Assistant</i>	2018-2019
NHS24 <i>Nurse Practitioner</i>	2015-2018
NHS Highland <i>Staff Nurse - Medical High Dependency/Acute Medical Admissions</i>	2010-2015
NHS Highland <i>Healthcare Assistant - Nurse Bank</i>	2008-2010
Self Employed <i>Assistant Director/Locations Scout</i>	2003-2006
HM Forces <i>Lance Corporal. 1st Battalion the Highlanders (Seaforth, Gordons, & Camerons)</i>	1995-2002

Publications

First/last and/or corresponding author

- Wöllenstein, L., Cuthill F., **Henderson, D.** (submitted) *An evidence synthesis on the effectiveness of homelessness prevention strategies for the MEH population.* International Journal of Homelessness
- MacRae, C., **Henderson, D.** [joint first & corresponding author], Mercer, SW., Burton, J., De Souza, N., Grill, P., Marwick, C., Guthrie, B. (2021) *Excessive polypharmacy and potentially inappropriate prescribing in 147 care-homes: cross-sectional study.* BJGP Open. <https://doi.org/10.3399/BJGP0.2021.0167>
- **Henderson, D.**, Atherton, I., McCowan, C., Mercer, SW., Bailey, N. (2021) *Linkage of national health and social care data: a cross-sectional study of multimorbidity and social care use in people aged over 65 years in Scotland.* Age & Ageing 50(1). <https://doi.org/10.1093/ageing/afaa134>
- MacRae, C., Mercer, SW., Guthrie, B., **Henderson, D.** (2021) *Comorbidity in chronic kidney disease: a large cross-sectional study of prevalence in Scottish primary care.* British Journal of General Practice 71(704). <https://doi.org/10.3399/bjgp20X714125>
- **Henderson, D.**, Burton, J., Lynch, E., Clark, D., Rintol, J., Bailey, N. (2019) *Data Resource Profile: The Scottish Social Care Survey (SCS) and the Scottish Care Home Census (SCHC).* International Journal of Population Data Science 4(1). <https://dx.doi.org/10.23889/ijpds.v4i1.1108>

Other academic publications

- Johnston, L., Hockley, J., **Henderson, D.**, Shenkin, S. (submitted). *Developing a care home data platform in Scotland: a mixed methods study of data routinely collected in care homes.* Age & Ageing
- Donaghy, E., Huang, H., **Henderson, D.**, Wang, H., Guthrie, B., Thompson, A., Mercer, S. (submitted). *Primary care transformation in Scotland: qualitative evaluation of the views of national senior stakeholders and cluster quality leads.* British Journal of General Practice.
- Stewart, E., Donaghy, E., Guthrie, B., **Henderson, D.**, Huang, H., Pickersgill, M., Wang, HHX., Mercer, SW. (in print). *Transforming Primary Care in Scotland: A critical analysis of policy.* British Journal of General Practice.
- Huang, H., Donaghy, E., **Henderson, D.**, Wang, H., Mercer, SW. (submitted) *Using self-determination theory in research and evaluation in primary care.* Health Expectations
- Mercer SW., Lunan, CJ., MacRae C., **Henderson, D.**, Fitzpatrick B., Gillies J., Guthrie B., Reilly J. (submitted) *Half a century of the inverse care law: a comparison of general practitioner job satisfaction and patient satisfaction in deprived and affluent areas of Scotland at national level.* Scottish Medical Journal
- Mercer, SW., **Henderson, D.**, Huang, H., Stewart, E., Guthrie, B., Wang, H. (2021) *Integration of health and social care - necessary but challenging for all.* British Journal of General Practice. <https://doi.org/10.3399/bjgp21X717101>

- Comas-Herrera, A., Zalakaín, J., Lemmon, E., **Henderson, D.**, Litwin, C., Hsu, AT., Schmidt, AE., Arling G., Kruse, F., Fernández, JL. (2020) *Mortality associated with COVID-19 in care homes: international evidence*. International long-term care policy network. Available: <https://ltccovid.org/2020/04/12/mortality-associated-with-covid-19-outbreaks-in-care-homes-early-international-evidence/>
- Bell, D., Comas-Herrera, A., **Henderson, D.**, Jones, S., Lemmon, E., Moro, M., Murphy, S., O'Reilly, D., Patrignani, P. (2020) *COVID-19 mortality and long-term care: a UK comparison*. International long-term care policy network. Available: <https://ltccovid.org/2020/08/28/covid-19-mortality-and-long-term-care-a-uk-comparison/>
- Bell, D., **Henderson, D.**, Lemmon, E., Moro, M. (2020) *Deaths in Scottish care homes and COVID-19*. International long-term care policy network. Available: <https://ltccovid.org/wp-content/uploads/2020/12/Deaths-in-Scottish-care-homes-up-to-3rd-June-corrected-1.pdf>

Conference Proceedings

- **Henderson, D.**, Bailey, N., McCowan, C., Mercer, S. (2018) *Validation of the Scottish Social Care Survey using data from Renfrewshire Council*. International Journal of Population Data Science 3(2) <https://doi.org/10.23889/ijpds.v3i2.471>
- **Henderson, D.**, Bailey, N., McCowan, C., Mercer, S. (2018) *Multimorbidity and access to social Care: exploiting emerging administrative data sources in Scotland*. International Journal of Population Data Science 3(4) <https://doi.org/10.23889/ijpds.v3i4.727>
- **Henderson, D.** (2017) *In adults with multimorbidity, does the provision of social care services have an effect on the use of primary care and secondary care health services?* International Journal of Population Data Science 1(1). <https://doi.org/10.23889/ijpds.v1i1.136>

Grants

Co-investigator

- Tweed, E., Craig, P., Mayor, C., **Henderson, D.**, Brown, D., Allik, M., Pell, J., Watson, N., Meier, P. (2021) *Unlocking data to inform public health policy and practice: decision-maker perspectives on the use of cross-sectoral data as part of a whole-systems approach*. National Institute for Health Research. ref:NIHR133585. £147,893.60 <https://dev.fundingawards.nihr.ac.uk/award/NIHR133585>
- Blane, D., **Henderson, D.**, Lunan, C., Mercer, SW. (2021) *Responses to the Inverse Care Law in Scotland*. The Health Foundation. ref:2746270 £98,925 <https://www.health.org.uk/funding-and-partnerships/programmes/responses-to-the-inverse-care-law-in-scotland-over-the-last-20-years>

PhD funding

- Henderson, D. *Multimorbidity and social care: exploiting emerging data sources in Scotland* (2015). Economic & Social Research Council.

Other

- Early Career Clinical Fellowship (2012). Funding for early career nurses and midwives to develop professionally and academically. [NHS Education for Scotland](https://studylib.net/doc/7615314/eccf-2012-information---nhs-education-for-scotland)
<https://studylib.net/doc/7615314/eccf-2012-information---nhs-education-for-scotland>

Teaching and Supervision

PhD Co-Supervisor

- Lucie Wöllenstein: Using machine learning to identify individuals with complex needs who are most at risk of becoming homeless. School of Health & Social Care. College of Arts, Humanities and Social Sciences. University of Edinburgh. Submission due in 2023

PhD Examination

- Internal Examiner. College of Medicine & Veterinary Medicine, University of Edinburgh. 2022.

Wider research activity

- Member of Steering group for rapid review of evidence conducted by Public Health Scotland (commissioned by the Scottish Government) into international models of social care. 2022.
- Member of Chief Medical Officer/Chief Nursing Officer Data & Analysis Research group. Cross-sectoral group set-up during 2020 pandemic to improve access to data from social care sector.
- Peer review for International journal publications; Lancet Public Health, BMC Geriatrics, and Australian Journal of Primary Health.
- Grant review for NIHR ARC National Multiple Long-Term Conditions Implementation Programme. <https://arc-eoe.nihr.ac.uk/news-insights/news-latest/call-projects-national-priority-area-multiple-long-term-conditions>