






# David Henderson


## Research Fellow

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## About me

I was the first person to successfully negotiate access to, and produce results from, a national linked health and social care dataset for research in Scotland. I have expert knowledge on administrative social care data here. My current post builds on the dataset created as part of my PhD at the Urban Big Data Centre in Glasgow. I am a registered Nurse and until recently worked part-time for NHS 24 as a Nurse Practitioner. Previous nursing experience included Medical High Dependency and Acute Medical Admissions at Raigmore Hospital in Inverness. This clinical knowledge and experience has proved invaluable when wrangling complex healthcare datasets e.g. prescribing and unscheduled care

## Skills

- Data Analysis in Safe Haven environments. I have an ONS Safe Researcher Training Certificate
- Cleaning, manipulating, and modelling large, messy data using R and R Studio. Predominantly with tidyverse tools but also data.table.
- Data Visualisation. I have advanced skills using the ggplot2 package and extensions.
- RMarkdown for: code sharing, report writing via *LaTeX*, building websites via blogdown, and writing a CV.

## Education

2015-2019	PhD Urban Studies Viva passed with no corrections 16th Dec 2019	University of Glasgow
2013-2015	Master of Research in Health Research with Merit	University of Stirling
2012-2013	PG Certificate Advanced Practice	University of Dundee
2006-2009	BSc Nursing with Merit	University of Stirling

## Employment History

2019-	Research Fellow affiliated with Scottish Centre for Administrative Data Research	Edinburgh Napier University
2018-2019	Research Assistant Urban Big Data Centre	University of Glasgow
2015-2018	Nurse Practitioner part-time	NHS24
2010-2015	Staff Nurse Medical High Dependency Unit, Acute Medical Admissions Unit, Cardiology step-down	NHS Highland
2008-2010	Healthcare Assistant ad-hoc Nurse Bank	NHS Highland
2003-2006	Assistant Director/Locations Scout various drama productions	Self-employed
1995-2002	Lance Corporal Pipes & Drums/Machine Gun platoon, 1st Bn The Highlanders (Seaforth, Gordons and Camerons)	HM Forces

## Talks

2016	Data Linkage Scotland - showcase. Invited talk at event co-hosted by Farr Institute, ADRC-S, and UBDC
2017	ADRN conference Edinburgh. Analysis of Scottish Government Open Social Care Data
2018	Not exactly rocket science. Podcast where health researchers are invited to explain their research to non-health researchers

## Publications

1. Henderson, D, I Atherton, N Bailey, C McCowan, and S Mercer (2019). Association between receipt of social care and multimorbidity: evidence from a population-sized cohort in Scotland. *International Journal of Population Data Science* (4 (3)).
2. Henderson, D, J Burton, E Lynch, D Clark, J Rintoul, and N Bailey (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)).
3. Henderson, D, N Bailey, C McCowan, and S Mercer (2018). Validation of the Scottish Social Care Survey using data from Renfrewshire Council. *International Journal of Population Data Science* (3 (2)).
4. Henderson, D, N Bailey, C McCowan, and S Mercer (2018). Multimorbidity and access to social Care: exploiting emerging administrative data sources in Scotland. *International Journal of Population Data Science* (3 (4)).