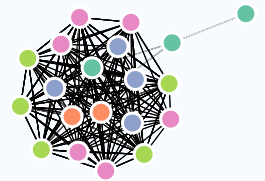






WILLIAM BALL

I am a PhD Researcher, nearing completion of my thesis and am now aiming to develop on the academic foundations I have built so far by securing a post-doctoral research position. This progression will allow me to achieve my wider career aims of producing internationally recognised research which can make an impact on policy related to population health.



EDUCATION

- Current
|
2015
- **PhD. Researcher, Population Health**
[Edinburgh Napier University](#)  Edinburgh, Scotland
- Thesis: Health Inequalities in the British Nursing Workforce.
 - Supervisors: Iain Atherton, Richard Kyle, and Nadine Dougall.
- 2015
|
2013
- **BSc. Adult Nursing (Years 2 & 3)**
University of Stirling  Inverness, Scotland
- Awarded with Merit.
 - Transferred to University of Stirling due to relocation.
- 2013
|
2011
- **BSc. (Hons) Adult Nursing (Years 1 & 2)**
London South Bank University  London, England
- Commenced degree study in London, undertaking placements in University College London Hospital Trust.
- 2010
|
2006
- **BA. Religion, Philosophy & Ethics**
King's College London  London, England

RESEARCH INTERESTS






My main research interest is in understanding Health Inequalities, with a particular focus on the contribution of Deprivation as a determinant of health. The focus on my research is understanding what factors influence unfair or unjust variation in health, to better inform effective policy to reduce inequalities.

My work to date has been quantitative in nature and makes use of large linked administrative and Census-derived longitudinal datasets. Through my PhD, I have developed strong research design skills and have experience of epidemiological research methodologies.

In the future I aim to build on my skills and experience in population health research.

View this CV online with links at
wpball.com/files/cv.html

CONTACT

 william.ball@napier.ac.uk
 [@WillBall12](https://twitter.com/WillBall12)
 github.com/will-ball
 wpball.com
 07810 433 849

Made with the R package
[pagedown](#).

The source code is available on
github.com/will-ball/CV.

Last updated on 2020-12-11.



SELECTED PUBLICATIONS, POSTERS & TALKS

- 2020 • **Methodological Problems and Solutions**
Edinburgh Napier University 📍 Virtual
 - Oral presentation to students of the 'Principles of Data Management & Analysis' MSc module
- 2020 • **Open Data, Open Science and Transparency in the time of COVID 19'**
Radical Statistics (Issue 127)
 - Journal article discussing the rapid adoption of open science approaches in the early stages of the COVID19 pandemic, and related implications to transparency.
- 2020 • **Self-Rated Health Inequalities in British Nurses**
International Population Data Linkage Network Conference 2020
📍 Adelaide, Australia (Virtual)
 - Oral Presentation
- 2018 • **Health Inequalities in the British Nursing Workforce²**
International Journal of Population Data Science 📍 Banff, Canada
 - Accepted Conference Abstract (Did not attend)
- 2017 • **Exploring the 'Scottish Excess' with eDatashield and linkage of an adjusted Index of Multiple Deprivation**
Administrative Data Research Network Conference 2017
📍 Edinburgh, Scotland
 - Oral presentation
- 2016 • **Self-Rated Health: Representing Health in a Population Study³**
Edinburgh Napier Postgraduate Research Conference 2016
📍 Edinburgh, Scotland
 - Poster presentation



SKILLS & EXPERTISE

My research has required me to develop various skills, including the manipulation and analysis of large data sets as well as record linkage with administrative data sources. To facilitate this, I have become proficient in using the R programming language for a number of applications.

I enjoy disseminating the results of my work and have given oral and poster presentations in a range of contexts. This includes at international conferences, for research staff within my institution, research student peers and other postgraduate health researchers. I highly value these experiences and have enjoyed tailoring my presentation content to a variety of people, including those with little overlapping subject or methodological knowledge. I have also written on the topic of Open Science and transparency in relation to COVID-19.

I have an interest in data visualisation, exemplified by the creation of maps which visualise Deprivation⁴. I am particularly proud that an interactive visualisation⁵ I created to

I have recently started my own blog, discussing topics ranging from Health Inequalities, Open Science and issues around the Nursing workforce. In addition I have written an article for the Radical Statistics Journal.

explore inequalities in infant mortality was shortlisted for an award at the 2020 NHS Visual Data Challenge.

Throughout my PhD studies I have combined clinical work with my research, showing good time and project management skills. Due to the sensitive nature of my datasets, I have developed an excellent working relationship with colleagues at the Office for National Statistics and the Scottish Longitudinal Studies.

I have enjoyed mentorship opportunities of undergraduate Nursing students undertaking written assessments, and have also been involved in marking responsibilities. I have also created tutorials⁶ for other R users in how to create visualisations. I sat on the School Research and Innovation Committee as a representative of the Postgraduate Research student body. I was also part of the organising team for a Postgraduate Research Conference for students from accross the Edinburgh Universities in 2016 and am currently an Editor for the Society for Social Medicine & Population Health newsletter.



TRAINING

- 2017

●

Advanced Analysis of Linked Health Data

Swansea University

Swansea, Wales

• 5-day residential course developing on advanced principles of healthcare epidemiology, combined with practical data analysis.
- 2017

●

Safe Users of Research Data Environment (SURE) Accreditation

Administrative Data Research Centre - Scotland

Edinburgh, Scotland

• Accreditation training for safe use of datasets held securely within Safe Havens.
- 2017

●

PhD Writing Workshop

Rose Barbour Workshops

Edinburgh, Scotland

• 2-Day Thesis writing workshop.
- 2016

●

Introductory Analysis of Linked Health Data

Swansea University

Swansea, Wales

• 5-day residential course introducing the foundations of theory and skills required to analyse linked health data.
- 2016

●

Computational Science Using Big Data in R

Cathie Marsh Institute

Manchester, England

• Training course to identify efficiently working with large amounts of data in R.



CLINICAL EXPERIENCE

- Current

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2019

●

Cardiac Nurse

InHealth Group

United Kingdom

• Working as part of the Mobile Cardiac team providing interventional cardiology services around the United Kingdom.

2018
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2015



Cardiac Nurse

NHS Grampian

📍 Aberdeen, Scotland

- Working in Cardiac Catheterisation Labs. Working in a team to perform routine and emergency procedures including Coronary Angiograms, Percutaneous Coronary Intervention, Pacemaker Insertion and Electrophysiology studies (including ablations).



PROFESSIONAL MEMBERSHIPS

- **Society for Social Medicine & Population Health (SSM)**
- **Radical Statistics**
- **International Population Data Linkage Network**
- **Royal College of Nurses**



LINKS

- 1: <https://www.radstats.org.uk/no127/Ball127.pdf>
- 2: <https://ijpds.org/article/view/541>
- 3: https://www.researchgate.net/publication/307608983_Self-Rated_Health_Representing_health_in_a_population_study
- 4: <https://will-ball.github.io/Ireland-Deprivation-Mapping/>
- 5: <https://willball.shinyapps.io/InfMortExp/>
- 6: <https://wpball.com/#projects>