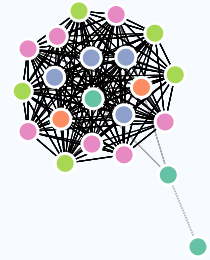# WILLIAM BALL

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 palcements 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 Health Inequality, with a particular focus on the contribution of Deprivation as a determinant of health. Understanding the mechanisms which underly unfair or unjust variation in health, to better inform effective policy to reduce inequalities is central to my research.

My work to date has been quantitative in nature and makes use of large-scale linked administrative and Census-derived longitudinal datasets. My PhD project includes a cross-national comparison of securely held individual-level data, I am interested in methods to facilitate this type of work which can further enhance our understanding of inequalities between countries.

I aim to build on these interests in my future research and I want to develop work using a longitudinal approach.

View this CV online with links at *wpball.com/CV*

CONTACT

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🐦 @WillBall12
⌨ github.com/will-ball
🔗 wpball.com

⋮≡ SKILLS & EXPERTISE

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

I have taken an interest in data visualisation, exemplified by the creation of maps which visualise Deprivation across the United Kingdom[7]. I have also created an interactive Shiny application which 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 sat on the School Research and Innovation Committee as a representative of the Research Degrees student body. I was also part of the organising team for the School of Health and Social Care's Postgraduate Research Conference in 2016.

I have given oral and poster presentations of my work in a range of contexts. This includes at international conferences, for research staff within my institution, to research peers and 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.

💬 SELECTED PUBLICATIONS, POSTERS, AND TALKS

2020 • **Methodological Problems and Solutions**
Edinburgh Napier University   📍 Online

   · Oral presentation to students of the 'Principles of Data Management & Analysis' MSc module

2020 • **Self-Rated Health Inequalities in British Nurses Awaiting Review**
International Population Data Linkage Network Conference 2020
📍 Adelaide, Australia

   · Abstract Submitted

2018 • **Health Inequalities in the British Nursing Workforce**
International Journal of Population Data Science   📍 Banff, Canada

   · Accepted Conference Abstract (Did not attend)
   · Authored with: Kyle, R., Atherton, I. M., and Dougall, N.

2018 • **British Sociology Association MedSoc Symposium**
📍 Edinburgh, Scotland

   · Attended

I am aiming to produce at least two academic journal articles from my PhD project

2018   **Administrative Data Research Network Conference**

 Belfast, Northern Ireland

· Attended

2017   **Exploring the 'Scottish Excess' with eDatashield and linkage of an adjusted Index of Multiple Deprivation**

Administrative Data Research Network Conference 2017

· Oral presentation

2016   **Self-Rated Health: Representing Health in a Population Study[2]**

Edinburgh Napier Postgraduate Research Conference 2016

· Poster presentation

♥ CLINICAL EXPERIENCE

Current
|
2019

Cardiac Nurse

InHealth Group

 United Kingdom

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

2018
|
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).

🖥 TRAINING

2017   **Advanced Analysis of Linked Health Data**

Swansea University

· 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

· 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.

I am a Registered Nurse, with clinical expertise in Cardiac Nursing

2016 ● **Introductory Analysis of Linked Health Data**
Swansea University

· 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

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

▣ PROFESSIONAL MEMBERSHIPS

● **Society for Social Medicine & Population Health (SSM)**

· Member

● **SSM Newsletter**

· Organising Committee

● **Radical Statistics**

· Member

● **International Population Data Linkage Network**

· Member

🔗 LINKS

1: https://github.com/will-ball/UKIMD-Maps
2: https://www.researchgate.net/publication/307608983_Self-Rated_Health_Representing_health_in_a_population_study