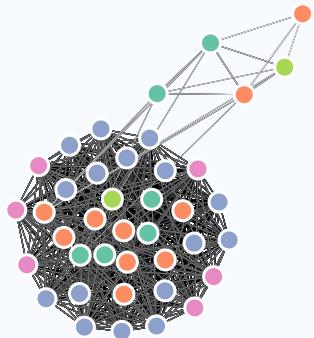


DARREN CHURCHWARD

I am a seasoned statistician and researcher with expertise in health research and data analysis. I have led analytical teams at the Ministry of Justice, focusing on prison-related issues, and managed COVID-19 data in senior roles. My background includes research positions at Ofqual and the University of Leicester, where I honed my skills in study design, data analysis, and statistical reporting. I hold an MRes in Applied Health Research and have completed an MSc level modules in Medical Statistics, showcasing my strong analytical and research capabilities.



EDUCATION

2016
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2014

- **MRes Applied Health Research**
University of Leicester 📍 Leicester, Leicestershire
 - Dissertation: In-centre nocturnal haemodialysis: effects of three months of extended night time haemodialysis on physical performance and quality of life in prevalent haemodialysis patients.
- **BSc (Hons) Physiology**
University of Hertfordshire 📍 Hatfield, Hertfordshire
 - Dissertation: Using heart rate variability and blood pressure to measure changes in tiredness whilst playing video games for extended periods of time.

View this CV online with links at darren-churchy.github.io/myCV/

TRAINING AND OTHER QUALIFICATIONS

2024

- **Power BI Introduction and Intermediate** 📍 Remote
 - 2-day course covering beginner and intermediate topics in the use of PowerBI

2024

- **Theory-based evaluation** 📍 Remote
 - 1-day course covering the design and analysis of theory-based evaluations

2023

- **Writing as an Analyst for Ministers, Senior Managers, and Policy Makers** 📍 Remote
LSR Training
 - 2-day course aiming to improve impactfulness of writing for non-analyst customers and stakeholders

2023

- **Analysis of Qualitative Data (Framework approach and Typologies)** 📍 Remote
NatCen
 - 3-day course on how to use the framework approach for qualitative analysis and develop typologies

CONTACT



darren.churchward@gmail.com



[@darren_churchy](https://twitter.com/darren_churchy)



[@github.com/darren-churchy](https://github.com/darren-churchy)

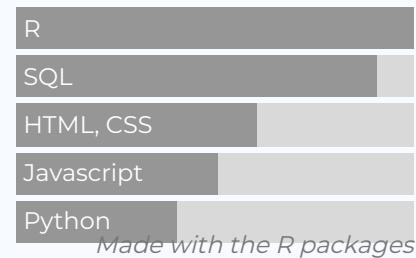


orcid.org/0000-0003-4674-186X



linkedin.com/in/darren-churchward-78a87152

LANGUAGE SKILLS



The source code is available on github.com/darren-churchy/myCV.

Last updated on 2024-06-21.

2023	Quasi-experimental approaches to research	📍 Remote
	<ul style="list-style-type: none"> • 5-day course covering design consideration and analysis of quasi-experimental evaluation designs such as: Regression discontinuity design, Interrupted time series 	
2022	Design & Analysis of Cluster Randomised and Stepped Wedge Trials	📍 Remote
	London School of Hygiene and Tropical Medicine	
	<ul style="list-style-type: none"> • 5-day course providing training on designing and analysing trials with a cluster randomisation or stepped-wedge design 	
2019 2018	MSc Medical Statistics	📍 Leicester, Leicestershire
	University of Leicester	
	<ul style="list-style-type: none"> • One year of a part-time degree completed, stopped due to change in employment 	
2013 2007	Fitness Instructor Training and Qualifications	
	Various Training Providers	
	<ul style="list-style-type: none"> • Various qualifications including Level 3 Certificates in Advanced Fitness Instructing and Exercise Referral, and Certificates in Group Exercise Training 	
2012	Level 2 Certificate in Security Guarding	
	G4S/ NOCN	
	<ul style="list-style-type: none"> • Qualification required to gain security license 	
2009 2008	Sports Coaching Training	
	Various Training Providers	
	<ul style="list-style-type: none"> • Various qualifications in coaching different sports including Level 2 certificates in Community Sports Leadership and Dodgeball coaching, as well as a certificate in coaching and refereeing Tag Rugby 	



EMPLOYMENT HISTORY

Current 2021	Principal Statistician/Research Officer (Analytical Team Leader)	📍 Leeds, Yorkshire
	Ministry of Justice	
	<ul style="list-style-type: none"> • Lead a team of analysts working on projects and evaluations of interventions focussed on prison violence, self-harm, and illicit drug use in prisons. 	
2021 2020	Senior Statistical Officer	📍 Leeds, Yorkshire
	Ministry of Justice	
	<ul style="list-style-type: none"> • Senior analytical role primarily leading on the collection of COVID related data from prisons and probation, using this data to produce summaries and reports which are utilised across government to manage outbreaks in prisons and implement additional health measures. 	

Having worked in a variety of roles and industries, my most recent roles have been focussed around data analysis and research - using skills and leadership to influence and impact policy development.

2020
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2019

● **Research Assistant**

Office for Qualification and Exam Regulation (Ofqual)
📍 Coventry, Warwickshire

- Assist with a variety of research projects and investigations to ensure organisations aims are met. Work on production of official statistics publications. Contribute to design of studies, data collection, analysis and report generation. Provided many opportunities to develop data science and analytics skills. Involves collaboration with a range of stakeholders.

2019
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2013

● **Research Facilitator**

University of Leicester/ University Hospitals of Leicester
📍 Leicester, Leicestershire

- Oversee and assist with clinical trials on exercise and alternative treatment regimens for chronic kidney disease patients. Ensure site files are audit-ready. Aid principal investigators with recruitment, governance, and report submissions. Recruit participants, arrange visits, deliver interventions, and collect data. Analyze data, write results for publications, and present findings at conferences. Support grant writing and study design for quantitative and qualitative research. Supervise undergraduate, postgraduate, and doctoral students, focusing on data analysis. Serve on departmental committees for health and safety and operational management.

2013
|
2012

● **Alcohol and Drugs Collection Officer/ Security Officer**

G4S
📍 Retford, Nottinghamshire

- Based at Cottam and West Burton power stations. Responsibilities included alcohol and drug screening of employees and contractors, reception duties, control of access and egress, ensuring safety and security of all visitors to the power station from a variety of different threats.

2013
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2007

● **Fitness Instructor**

Bawtry Health and Fitness Centre
📍 Bawtry, Yorkshire

- Part-time fitness instructor required to work unsupervised and in sole charge of the facility. Duties included client inductions, designing personal exercise programmes, handling cash and card transactions, arranging appointments for other instructors and sports/physiotherapists.



PUBLICATIONS

- 2022
- **Intradialytic cycling does not exacerbate microparticles or circulating markers of systemic inflammation in haemodialysis patients¹**
European Journal of Applied Physiology
 - Authors: Highton, P.J., March, D.S., Churchward, D.R., Grantham, C.E., Young, H.M., Graham-Brown, M.P., Estruel, S., Martin, N., Brunskill, N.J., Smith, A.C. and Burton, J.O., & Bishop, N.C.
- 2022
- **Circulating endotoxin and inflammation: Associations with fitness, physical activity and the effect of a 6-month programme of cycling exercise during haemodialysis²**
Nephrology Dialysis Transplantation
 - Authors: March, D.S., Lai, K.B., Neal, T., Graham-Brown, M.P., Highton, P.J., Churchward, D.R., Young, H.M., Dungey, M., Stensel, D.J., Smith, A.C., Bishop, N.C., & Burton, J. O.
- 2021
- **A cost-effective analysis of the CYCLE-HD randomized controlled trial³**
Kidney International Reports
 - Authors: March, D.S., Hurt, A.W., Grantham, C.E., Churchward, D.R., Young, H.M., Highton, P.J., Dungey, M., Bishop, N.C., Smith, A.C., Graham-Brown, M.P., Cooper, N.J., & Burton, J. O.
- 2021
- **A randomized controlled trial to investigate the effects of intra-dialytic cycling on left ventricular mass⁴**
Kidney International
 - Authors: Graham-Brown, M.P., March, D.S., Young, R., Highton, P.J., Young, H.M., Churchward, D.R., Dungey, M., Stensel, D.J., Bishop, N.C., Brunskill, N.J., Smith, A.C., McCann, G.P., McConnachie, A., & Burton, J. O.
- 2021
- **Evaluating the clinical experience of a regional in-center nocturnal hemodialysis program: The patient and staff perspective⁵**
Hemodialysis International
 - Authors: Hull, K.L., Quann, N., Glover, S., Wimbury, C., Churchward, D.R., Pickering, W.P., Preston, R., Baines, R., Graham-Brown, M.P. and Burton, J.O.
- 2020
- **Centre Judgements: Teaching Staff Interviews, Summer 2020⁶**
OFQUAL
 - Authors: Holmes, S., Churchward, D. R., Howard, E., Keys, E., Leahy, F., Tonin, D., & Black, B.
- 2020
- **The effect of extended-hours hemodialysis on outcomes: A systematic review and meta-analysis⁷**
Hemodialysis International
 - Authors: Hull, K. L., March, D. S., Churchward, D. R., Graham-Brown, M. P., & Burton, J. O.

- 2019
- Recent trends in modern foreign language exam entries in anglophone countries⁸
OFQUAL
 - Authors: Churchward, D.,
- 2018
- Quantitative Study of the Beliefs and Attitudes Toward Organ Donation and the Opt-Out System Among the Sikh Community in the United Kingdom⁹
Transplantation Proceedings
 - Authors: Johal, J., Bains, H., Churchward, D., Brand, S., & Malik, S.
- 2018
- Effects of intradialytic cycling exercise on exercise capacity, quality of life, physical function and cardiovascular measures in adult haemodialysis patients: a systematic review and meta-analysis¹⁰
Nephrology Dialysis Transplantation
 - Authors: Young, H. M., March, D. S., Graham-Brown, M. P., Jones, A. W., Curtis, F., Grantham, C. S., Churchward, D.R., Highton, P., Smith, A.C., Bridle, C. & Burton, J.O.
- 2017
- Cardiac Remodelling in Patients Undergoing in-Centre Nocturnal Haemodialysis: Results from the MIDNIGHT Study, a Non-Randomized Controlled Trial¹¹
Blood Purification
 - Authors: Graham-Brown, M.P., Churchward, D.R., Hull, K.L., Preston, R., Pickering, W.P., Eborall, H.C., McCann, G.P. & Burton, J.O.
- 2017
- Regular exercise during haemodialysis promotes an anti-inflammatory leucocyte profile¹²
Clinical Kidney Journal
 - Authors: Dungey, M., Young, H.M., Churchward, D.R., Burton, J.O., Smith, A.C., & Bishop, N.C.
- 2017
- Native T1 mapping: inter-study, inter-observer and inter-center reproducibility in hemodialysis patients¹³
Journal of Cardiovascular Magnetic Resonance
 - Authors: Graham-Brown, M.P., Rutherford, E., Levelt, E., March, D. S., Churchward, D.R., Stensel, D.J., McComb, C., Mangion, K., Cockburn, S., Berry, C., Moon, J.C., Mark, P. B., Burton, J. O., & McCann, G.P.
- 2016
- Novel cardiac nuclear magnetic resonance method for non-invasive assessment of myocardial fibrosis in hemodialysis patients¹⁴(30351-9/fulltext)
Kidney International
 - Authors: Graham-Brown, M.P., March, D.S., Churchward, D.R., Stensel, D.J., Singh, A., Arnold, R., Burton, J.O., & McCann, G.P.

- 2016
- Investigating the effects of 6 months extended duration, in-centre nocturnal versus conventional haemodialysis treatment: a non-randomised, controlled feasibility study¹⁵
BMJ Open
 - Authors: Churchward, D.R., Graham-Brown, M.P., Preston, R., Pickering, W., McCann, G.P., & Burton, J.O.
- 2015
- A 4-month programme of in-centre nocturnal haemodialysis was associated with improvements in patient outcomes¹⁶
Clinical Kidney Journal
 - Authors: Graham-Brown, M.P., Churchward, D.R., Smith, A.C., Baines, R.J., & Burton, J.O.
-  SELECTED POSTERS, AND TALKS
- 2017
- A light dialysis session makes a heavy heart: extended haemodialysis offers cardio-protection¹⁷
American Society of Nephrology Conference  New Orleans, Louisiana, US
 - Oral Presentation Authors: Churchward, D.R., Hull, K.L., March, D.S., Graham-Brown, M.P.M., & Burton, J.O.
- 2017
- Six months of longer haemodialysis leads to better quality of life compared to conventional sessions: Results from a non-randomised trial
British Renal Society Conference  Nottingham, Nottinghamshire, UK
 - Poster Presentation Authors: Churchward, D.R., Hull, K.L., March, D.S., Graham-Brown, M.P.M., and Burton, J.O. A
- 2016
- Native T1 mapping is a highly reproducible measure of myocardial fibrosis in hemodialysis patients independent of hydration status.¹⁸
American Society of Nephrology Conference  Chicago, Illinois, US
 - Poster Presentation Authors: Graham-Brown, M.P.M., Churchward, D.R., March, D.S., Stensel, D.J., McCann, G.P., & Burton, J.O.
- 2016
- The Influence of Acute Aerobic Exercise on Immune Cell Subsets in Renal Transplant Recipients.¹⁹
American Society of Nephrology Conference  Chicago, Illinois, US
 - Poster Presentation Authors: Highton, P.J., Neale, J., Churchward, D.R., Grantham, C.E., Bishop, N.C., & Smith, A.C.
- 2016
- Intradialytic Exercise does not Alter the Frequency or Severity of Ventricular Arrhythmias.²⁰
American Society of Nephrology Conference  Chicago, Illinois, US
 - Poster Presentation Authors: Grantham, C.E., Churchward, D.R., Young, H.M.L., March, D.S., Highton, P.J., Graham-Brown, M.P.M., Smith, A.C., Marsh, A., & Burton, J.O.

2015

- **A 12 Month Intradialytic Cycling Service Evaluation: Impact on Anxiety and Depression, and Reasons for Withdrawal.**
British Renal Society Conference  Leeds, Yorkshire, UK
• *Poster Presentation Authors: Churchward, D.R., Young, H.M.L., Dungey, M., Burton, J.O., & Smith A.C.*

LINKS

- 1: <https://link.springer.com/article/10.1007/s00421-021-04846-7>
- 2: <https://academic.oup.com/hdt/article/37/2/366/6275233?login=false>
- 3: <https://www.sciencedirect.com/science/article/pii/S2468024921001418>
- 4: <https://www.sciencedirect.com/science/article/abs/pii/S0085253821002696>
- 5: <https://onlinelibrary.wiley.com/doi/full/10.1111/hdi.12953>
- 6: <https://www.gov.uk/government/publications/centre-judgement-research-survey-and-interviews-summer-2020/centre-judgements-teaching-staff-interviews-summer-2020>
- 7: <https://onlinelibrary.wiley.com/doi/abs/10.1111/hdi.12828>
#:~:text=Extended%2Dhours%20hemodialysis%20is%20associated, and%20increase%20vascular%20access%20complications.
- 8: https://assets.publishing.service.gov.uk/media/5dbc8cb2ed915d1d040a6e4f/Recent_trends_in_modern_foreign_language_exam_entries_in_anglophone_countries_-_FINAL65573.pdf
- 9: <https://www.sciencedirect.com/science/article/abs/pii/S0041134518302495>
#:~:text=This%20is%20the%20first%20study,knowledge%20of%20the%20donation%20process.
- 10: <https://academic.oup.com/hdt/article/33/8/1436/4955890?login=false>
- 11: <https://karger.com/bpu/article/44/4/301/326876/Cardiac-Remodelling-in-Patients-Undergoing-in>
- 12: <https://academic.oup.com/ckj/article/10/6/813/3089987?login=false>
- 13: <https://jcmr-online.biomedcentral.com/articles/10.1186/s12968-017-0337-7>
- 14: [https://www.kidney-international.org/article/S0085-2538\(16](https://www.kidney-international.org/article/S0085-2538(16)
- 15: <https://bmjopen.bmjjournals.org/content/6/9/e012583>
- 16: <https://academic.oup.com/ckj/article/8/6/789/431674?login=false>
- 17: <https://www.asn-online.org/education/kidneyweek/2017/program-abstract.aspx?controlId=2789730>
- 18: <https://www.asn-online.org/education/kidneyweek/archives/KW16Abstracts.pdf>
- 19: <https://www.asn-online.org/education/kidneyweek/archives/KW16Abstracts.pdf>
- 20: <https://www.asn-online.org/education/kidneyweek/archives/KW16Abstracts.pdf>