Anna Ruth Dearman

E: annalivings@yahoo.co.uk • orcid.org/0000-0001-9385-2015 • github.com/AnnaDearman

Career

Senior Research Officer — June 2021 – March 2023
Institute for Social and Economic Research, University of Essex

- *Understanding Society* biological data sharing: data cleaning and quality checks, writing user guides, user support, review of data access applications
- Data analysis: factor analysis, GWAS, EWAS, polygenic indices, etc
- Outreach: biological data workshops for social scientists, *Understanding Society* blogs

Data Team Lead, Cambridge COVID-19 Testing Centre — September 2020 - April 2021
Charles River Laboratories

- Managing a small team of data scientists, analysing and reporting up to 7,000 qPCR test results per shift
- Logging, monitoring, escalation and resolution of technical issues in a fast-paced environment
- Scientific review of SOPs; training others

Research Assistant	*University of Cambridge*	May 2013 - August 2019
Senior Research Laboratory Technician	*University of Cambridge*	July 2009 - May 2013
Trainee Biomedical Scientist	*National Health Service*	November 2005 - June 2009
Laboratory Analyst Grade 1	*Melbourn Scientific Limited*	April 2004 - November 2005

Skills developed during my early scientific career:

- Substantial input into wet lab procedures and data management (LIMS)
- Practical application of molecular techniques including Illumina, Ion Torrent and Sanger sequencing (wet lab)
- Robotic and manual pipetting, nucleic acid extraction and sample management

Education

PhD Biosocial Research — 2022 – current
University of Essex

MSc Bioinformatics (distinction) — 2019 – 2020
Queen Mary University of London

BSc (Hons) Applied Biomedical Science (1st class) — 2006 –2009
Anglia Ruskin University

A-level Biology (B) Psychology (B) and French (B); AS-level Religious Studies (A) — 2001 – 2003
Meridian Sixth Form

GCSE (5x A*, 4x A, 1x B) — 1999 –2001
Meridian School

Publications

Dearman et al (2025) Serum proteomic correlates of mental health symptoms in a representative UK population sample. Brain, Behavior, & Immunity – Health, 44, 100947

Shen et al (2023) A methylome-wide association study of major depression with out-of-sample case-control classification and trans-ancestry comparison. medRxiv, doi: 10.1101/2023.10.27.23297630

Lammi et al (2023) Genome-wide association study of long COVID. medRxiv, doi: 10.1101/2023.06.29.23292056

Dearman et al (2023) Proteomics in Understanding Society: pre-analytic condition impacts on measurement, Understanding Society Working Paper 2023-05, Colchester: University of Essex

Wang et al (2023) Partnership status and positive DNA methylation age acceleration across the adult lifespan in the UK. SSM-Population Health, 24, 101551