

**Scott Oatley**

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**Areas of Specialisation**

Educational Inequalities, Youth Transitions, Social Stratification, Social Class, Economic Activity, Quantitative Methods, Longitudinal Data Analysis, Research Transparency and Reproducibility.

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**EDUCATION**

**2021 – 2024** *PhD Sociology* — *University of Edinburgh* [1a]

ERSC Funded

Thesis Title: Youth in Transition: Longitudinal Comparisons of Youth Transitions in the UK using Cohort and Synthetic Cohort Data

Expected Graduation: September 2024

Supervisors: Professor Vernon Gayle and Dr Roxanne Connelly.

**2020 – 2021** *MSc Sociology* — *University of Oxford* [1b]

Thesis Title: Mobility and Consequences: How does social class mobility affect life satisfaction in the UK?

Supervisor: Prof Colin Mills

**2017 – 2020** *BSc Sociology* — *London School of Economics* [1c]

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**Teaching Experience****Bachelor Level**

**2024, SEM1** *History of Western Medicine (STIS08009)* — University of Edinburgh, Marking (Course coordinator: Dr Lukas Engelmann) [2a]

**2024, SEM1** *Mathematics for Social Science (SSPS0809)* — University of Edinburgh ~40 students per lab, two labs taken (Course coordinator: Prof Lindsay Paterson). [2b]

**2022-2024, SEM2** *Doing Survey Research (SCIL10063)* — University of Edinburgh ~20 students per lab, two labs taken (Course coordinator: Dr Kevin Ralston). [2c]

**2023, SEM2** *Empires (SCAN08010)* — University of Edinburgh, Marking (Course coordinator: Dr Chisomo Kalinga) [2d]

**2023, SEM2** *Intimate Relations (SCIL10023)* — University of Edinburgh, Marking (Course coordinator: Prof Lynn Jamieson) [2e]

**2023, SEM1** *Sociology 1A: The Sociological Imagination (SCIL08004)* — University of Edinburgh ~10 students per seminar, four classes taken (Course coordinator: Dr Lisa McCormick) [2f]

## **Master Level**

**2022, SEM2** *Longitudinal Data Analysis (PGSP11487)* — University of Edinburgh, ~10 students per class, two classes taken (Course coordinator: Prof Vernon Gayle) [2g]

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## **Other Teaching Experience**

### **Courses Taught**

**20/10/24** **SGSSS Student Led Training Initiative** — Survey and Questionnaire Construction Using the Shiny Package in R. ESRC funded via the Scottish Graduate School of Social Science to design and deliver a short course on the construction and development of survey based web applications using the Shiny package in R. (~20 attendance). [2h]

**20/09/23** **SGSSS Student Led Training Initiative** — Jupyter Notebooks: Improving Workflow for Social Science Research. Funded by the ESRC Scottish Graduate School of Social Science to design and deliver a short course on how to install, setup, and add additional extensions to a Jupyter environment to aid in promoting open scientific practices (~20 attendance). Both [written](#) and [audio](#) training resources are provided. [2i]

## **Guest Lectures**

**10/23 & 10/22** **Guest Lecture** – *Research Skills in the Social Sciences: Data Collection (PGSP11016)* – University of Edinburgh, *Constructing Surveys and Questionnaire Design* (~60 students). [2j]

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## **Professional Experience**

**01/24-04/24** **Research Assistant** – *Data wrangling, descriptive statistics, and analysis using the Wealth and Assets Survey in R* – University of Edinburgh, *Department of Sociology*. Link to project [here](#). [3a]

**09/22-06/23** **Research Assistant** - *Recreating the BBC Class Calculator using open science principles* – University of Edinburgh, *Department of Sociology* – Extending the tool by adding an additional selection of social class schema – NS-SEC and a simplified Neo-Marxian schema. Project ended with a total of seven schema being added: BBC GBCS, NS-SEC, Neo-Marxian simplified, Neo-Marxian complete, RGSC, CAMSIS, and GBCS 2013. Link to project code [here](#) and project home page [here](#) [3b]

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## **Academic Services**

**Reviewer:** *Methodological Innovations* [3c]

**09/23 Founding member of Large Social Survey Group** – A cross-Scotland research group that provides a platform for postgraduate students within the field of quantitative social science to come together, discuss ideas, and present research. I personally set up the LSSG online [social media](#) platform and [website](#). [3d]

**09/23 Leader of the Organising Committee for Large Social Survey Group Conference** – *Leading member of the organising committee to set up an independent conference symposium for the members of the Large Social Survey Group to be held in May 2024.* [3e]

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### **Volunteer Work**

**09/17-06/18 Youth Work**– *Mentored children in deprived schools in East Ham – Taught skills and advice for children to apply to and gain entry to Russell Group Universities for their undergraduate education.* [4a]

**09/18-09/20 Founding Member of West End Welcome** – A [charity](#) established to sponsor Syrian Refugees to come and live in London, providing housing, jobs, education, and access to necessary healthcare. [4b]

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### **Publications**

I am currently focused on the completion of my PhD. After completion, I will be in a position to develop my thesis into three articles rapidly:

- A simulation of handling missing data procedures: Multiple Imputation versus Full Information Maximum Likelihood
- A between and within cohort analysis analysing the impact of structural inequality upon youth's first major transition
- Does trajectory matter, and do trajectories change? An analysis of the trajectories of youth transitions over time.

My work on the Class Calculator project [3c] is likely to lead to one journal article. This article will focus on the pedagogical implications of using shiny applets in the teaching of social stratification and social class.

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### **Summer Schools**

06/2022 Scottish Graduate School of Social Science Summer School [5a]  
06/2023 Essex Summer School in Social Science Data Analysis [5b]  
06/2024 NCRM Large and Complex Surveys Summer School [5c]

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### **Conference Presentations**

- 28/11/24**      **Large Social Survey Seminar** — *University of Edinburgh*, ‘*A reexamination of social status operationalisation: comparing established measures of status with an MDSCAL and factor analysis based approach*’. [6a]
- 01/08/24**      **Social Stratification Research Seminar** — *University of Stirling*, ‘*Youth in Transition: Longitudinal Comparisons of Youth Transitions in the UK using Cohort and Synthetic Cohort Data*’. [6a]
- 06/24**      **Lead Round Table Panellist - ESRC National Centre for Research Methods Summer School: Large and Complex Social Survey** – *University of Edinburgh* – *New Horizons: Round Table Lead by Early Career Researchers*. Leading a round table of early career researchers in a discussion of the current and potential future needs researchers should be focusing upon from the perspective of early career researchers. [6b]
- 10/05/24**      **Large Social Survey Seminar** — *Stirling*, ‘*A Simulation Comparing Handling Missing Data Methods*’. This paper conducted a simulation of missingness using a missing at random mechanism and analysed the efficiency of a variety of handling missing data mechanisms to return the least biased estimates. A primary focus on this paper was the comparison of multiple imputation and full information maximum likelihood procedures. [6c]
- 15/04/24**      **Inaugural British Journal of Sociology Conference 2024** — *LSE*, ‘*Using Shiny as a teaching tool? Construction of the GBCS, NS-SEC, and Wright’s Neo-Marxian schema as an open-source class calculator application*’. [6d]
- 19/02/24**      **Edinburgh Q-Step Centre Research Seminar** — *University of Edinburgh*, ‘*Youth Transitions and Economic Activity: A Re-examination of NCDS data*’. [6e]
- 30/08/23**      **Social Stratification Research Seminar** — *University of Stirling*, ‘*Using Shiny as a teaching tool? Construction of the GBCS, NS-SEC, and Wright’s Neo-Marxian schema as an open-source class calculator application*’. [6f]
- 18/05/23**      **New Directions** — *University of Edinburgh*, ‘*Re-examing the NCDS with contemporary statistical methods*’. A postgraduate sociology conference at the University of Edinburgh. This paper focused on the re-examination of the National Childhood Development Study to re-analyse youth transitions from this cohort. [6g]

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### Specialist Training (selected)

- 18/03/24**      [ONS Safe Researcher Training](#) [7a]
- 28/05/24**      [Demystifying causal inference](#) [7b]
- 05/23**      [AQRIE Multilevel Modelling training](#) [7c]
- 13/10/22**      [NCRM Statistical Modelling Workshop](#) [7d]

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### Statistical Software Skills

- R, Rstudio [8a]

- Shiny [8b]
- Stata [8c]
- SPSS [8d]

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## Languages

English: Mother tongue

Spanish: Basic

Arabic: Basic

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## References

Prof Vernon Gayle: Chair of Sociology and Social Statistics – Department of Sociology,  
University of Edinburgh

Dr Roxanne Connelly: Senior Lecturer of Sociology and Quantitative Methods –  
Department of Sociology, University of Edinburgh