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.

EDUCATION

2021 – 2025   *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
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]

Academic and Professional Employment

2025-2026   *Research Associate (ELSA)* *– University of Manchester*   [1d]

Teaching Experience

Bachelor Level

2025, SEM2   *Multi-level Modelling in Social Science (PGSP11424)* **—** University of Edinburgh*, Marking (Course coordinator: Dr Alan Marshall)* [2a]

2025, SEM2   *Multi-level Modelling in Social Science (SSPS10024)* **—** University of Edinburgh*, Marking (Course coordinator: Prof Lindsay Paterson)* [2b]

2025, SEM2   *Introduction to Political Data Analysis (PLIT08009)* **—** University of Edinburgh *~20 students per lab, (Course coordinator: Dr Joe Greenwood-Hau)* [2c]

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

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

2022-2025, SEM2 *Doing Survey Research (SCIL10063)* — University of Edinburgh ~20 students per lab, two labs taken (Course coordinator: Dr Kevin Ralston). [2f]

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

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

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

Master Level

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

Other Teaching Experience
Courses Taught

10/04/25 **SGSSS Student Led Training Initiative** — **Handling Missing Data**. ESRC funded via the Scottish Graduate School of Social Science to design and deliver a short course on the construction and development of Handling Missing Data Methods in Stata and R. (~40 attendance). [2k]
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). [2l]
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). [2m]

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).* [2n]

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]

Academic Services

Reviewer: *Methodological Innovations, Sociological Perspectives* [3c]
Member: *Society for Longitudinal and Lifecourse Studies* [3d]

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. [3e]

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.* [3f]

Publications

Oatley, S. and Van Gunten, T., n.d. A new approach to teaching social class: Introducing the Edinburgh Open-Source Class Calculator [online]. Available from: osf.io/preprints/socarxiv/a37zp_v1.

My work on socstrat [4a] is currently under review. Two papers, one methodological and one substantively sociological are about to be submitted for review from my PhD.

Stata Programs
socstrat – A stata command available on ssc. socstrat cleans, recodes, generates, and labels datasets to create variations of NS-SEC and RGSC based on SOC 1990, 2000, 2010, and 2020 codes. [4a]

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]

Conference Presentations

23/06/25   **Stirling All Hands Seminar** — *University of Stirling, ''A re-examination of social status operationalisation: comparing established measures of status with an MDSCAL and factor analysis based approach''.* [6a]

20/05/25   **Large Social Survey Symposium** — *University of Edinburgh, ''Is there really a pot of gold at the end of the rainbow: an investigation of sexual orientation pay gaps in the UK''.* [6b]

10/04/25   **Intersectional analysis and quantitative methods** — *University of Loughborough, ''Gender Performance Scale as a Quantitative insight into Intracategorical Intersectionality''.* [6c]

28/11/24   **Large Social Survey Seminar** — *University of Edinburgh, ''A re-examination of social status operationalisation: comparing established measures of status with an MDSCAL and factor analysis based approach''.* [6d]

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''.* [6e]

01/06/24   **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. [6f]

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. [6g]

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''.* [6h]

19/02/24   **Edinburgh Q-Step Centre Research Seminar** — *University of Edinburgh,* "Youth Transitions and Economic Activity: A Re-examination of NCDS data". [6i]

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''.* [6j]

18/05/23   **New Directions** — *University of Edinburgh, 'Re-examining 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. [6k]

Invited Speaker Engagements

05/02/25   **Transformative Change: Educational and Life Transitions** — *University of Dundee*. Invited to speak on the developments of educational and life transitional research. [6l]

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]	

Key Skills
- R, Rstudio [8a]
- Shiny [8b]
- Stata [8c]
- SPSS [8d]
- Focus Groups [8e]

Languages

English: Mother tongue
Spanish: Basic
Arabic: Basic

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