

# Kieran Lyon

Teaching Associate, School of Psychology, University of Nottingham

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## About

I am a Teaching Associate (equivalent to Junior Lecturer) at the University of Nottingham, with experience teaching a wide range of undergraduate and postgraduate Psychology modules, across two Russell Group universities. My experience includes designing and organising lectures, seminars, and asynchronous teaching materials. I have extensive experience of assessment, having marked over 500 exams and essays. My long-term goal is to become a Professor of Psychology.

## Teaching Experience

### Teaching Associate

University of Nottingham. September 2022 to present

#### Modules

Taught across the Psychology BSc and conversion MSc (on campus and via distance learning):

- Empirical Research Project
- Research Methods and Analysis
- Practical Methods
- Personality and Individual Differences
- Conceptual and Historical Issues in Psychology

#### Teaching activities

- Supervised 6 MSc dissertations
- Presented lectures, e.g., on multiple regression and research ethics
- Lead 1 of the 4 practical blocks, where students collected and analysed data for lab reports
- Adapted existing teaching materials for distance learners, and facilitated asynchronous activities
- Held 30–60-minute engagement sessions, to answer students' questions and assess their understanding
- Created revision activities, e.g., revision sessions, revision videos, and co-write a mock exam
- Marked around 200 essays, and moderated marks by PhD demonstrators

#### Pastoral support

- Personal tutor for 8 2<sup>nd</sup> year Psychology BSc students
- Designed and presented 2 seminars: about careers and employability, and presenting for a lay audience

### Guest Lecturer and Graduate Teaching Assistant

University of Manchester. October 2018 to December 2021

#### Delivered a guest lecture based on my PhD research

- Designed and presented a lecture for Personality and Individual Differences
- Feedback indicated that students found the lecture clear, interesting, and engaging

#### Teaching and assessing a wide range of Psychology BSc modules (levels 4 – 6):

- Clinical Psychology
- Conceptual and Historical Issues in Psychology
- Emotion
- Evolution of Behaviour and Cognition
- Foundations in Mental Health and Distress
- Group Dynamics
- Introduction to Cognition
- Introduction to Developmental Psychology
- Organisational Psychology
- Personality and Individual Differences
- Sociality and Communication: Evolutionary Perspectives

# Research Experience

## Research Associate

University of York. January 2022 to September 2022

- Employed on the Nuffield foundation project “Gene-environment interplay in early life cognitive development”
- Planned an analysis of the Millennium Cohort study, to investigate factors predicting child development
- Worked on a review of statistical power in gene-environment interactions

# Qualifications

## Psychology PhD

University of Manchester. 2018 – 2022

- “The Role of Lower-Order Big Five Personality Constructs in Affective Disorder Symptoms: Associated and Mediating Mechanisms”
- Researching how personality, cognition, and emotion regulation predict anxiety and depression

## Psychology BSc

University of Chester. 2014 – 2017

- First Class Honours

## Postgraduate Certificate in Higher Education (PGCHE) - ongoing

- Module 2: Distinction
- Based on my experience as a Teaching Associate at the University of Nottingham

## Fellow of the Higher Education Academy (FHEA)

Awarded by Advance Higher Education, based on my experience as a Guest Lecturer and Graduate Teaching Assistant

# Teaching Resources

## Statistics apps

Developed a series of interactive apps (coded in R) to visualise statistical concepts:

- [Normal Distribution Explained](#)
- [Confidence Intervals Explained](#)
- [ANOVA Explained](#)
- [Correlation Explained](#)
- [Regression Explained](#)

Each app includes a video explaining the statistical concept, and use of the app

Used to teach statistics across various Psychology courses at the University of Nottingham

## Statistics Launchpad website

- Built a website to help students understand and revise statistical concepts and calculations
- Developed with Dr. Megan Barnard and a Psychology BSc student from the University of Nottingham, Malaysia campus
- The website consists of 6 toolkits (automated seminars), using problem-solving and multiple-choice questions, e.g., toolkits for [Descriptive Statistics](#), [Correlation](#), and [Regression](#)
- Used across Psychology BSc, MSc and PhD courses at the University of Nottingham's UK and Malaysia campuses

## Psychology book summaries

- Planned and recorded videos summarising important psychology books
- To help students understand psychological concepts and theories, e.g., appraisal models of emotion, self-efficacy, and client-centred therapy
- Available on [my YouTube channel](#)

# Teaching Awards

## Student Led Teaching Award

- Awarded by the Students' Union at the Union of Nottingham, in the category of Excellent in Feedback
- Voted on by a panel of student representatives, for my work on Research Methods and Analysis, for the Psychology conversion MSc via distance learning
- Student nomination: "Kieran has been an amazing help in our research methods distance learning module. He has always been quick at responding to any questions and clearly clarifies any queries raised. He continually checks understanding, adapting sessions to suit our needs whilst being encouraging."

## Teaching Excellence Award 2021

- Awarded by the Institute of Teaching and Learning, University of Manchester, as a member of the 2020-2021 Clinical Psychology teaching team

# Research skills

- Developing research questions, hypotheses, and data analysis strategies
- Performing systematic reviews and literature reviews
- Data collection (online and in-person)
- Data analysis in R, e.g., multiple regression, factor analysis, and structural equation modelling
- Working knowledge of Python and HTML

# Publications and Presentations

## Publications

Lyon, K. A., Elliott, R., Ware, K., Juhasz, G., & Brown, L. J. E. (2021). Associations between facets and aspects of big five personality and affective disorders: A systematic review and best evidence synthesis. *Journal of Affective Disorders*, 288, 175-188

Lyon, K. A., Elliott, R., Brown, L. J., Eszlari, N., & Juhasz, G. (2021). Complex mediating effects of rumination facets between personality traits and depressive symptoms. *International Journal of Psychology*, 56(5), 721-728

Lyon, K. A., Juhasz, G., Brown, L. J., & Elliott, R. (2020). Big Five personality facets explaining variance in anxiety and depressive symptoms in a community sample. *Journal of Affective Disorders*, 274, 515-521

## Presentations and posters

Lyon, K. A. (2023). Statistics Launchpad: A Xerte website developed with student participation. TeachFest Summer Conference 2023, University of Nottingham (presentation)

Lyon, K. A. (2023). Teaching Statistics using Interactive Shiny Apps. Researchers of Statistics Education (RoSE) Conference 2023 (presentation)

Lyon, K. A. (2021). The Effects of Personality on Anxiety and Depressive Disorders. Division of Neuroscience and Experimental Psychology Research Staff Seminar, University of Manchester (presentation)

Lyon, K. A., Elliott, R., Ware, K., Juhasz, G., & Brown L. J. E. (2021). Associations between Lower-Order Personality Constructs and Affective Disorders: A Systematic Review. Association for Psychological Science Virtual Convention (poster)