

Natasha Ellison

PhD Student in Mathematical Biology. Interested in Movement Ecology and Pattern Formation.

Address:
Hicks Building,
S11 7RH

Contact:
nellison1@sheffield.ac.uk

Research & Education

- | | |
|-----------|---|
| 2016–2020 | (Current)
PhD in the School of Mathematics and Statistics
University of Sheffield.

I am interested in the home-range formation of Long Tailed Tits and mathematical models which describe this. Currently working on Mechanistic Home-Range Analysis. |
| 2013–2014 | (Grade 1)
PGCE in Secondary Mathematical Education.
University of Manchester.

Trained at The Kings School (Independent) and All Hallows Catholic College (Outstanding, Ofsted) both in Macclesfield. |
| 2011–2013 | (Distinction with Honours)
Msc in Applied Mathematics and Theoretical Physics.
University of Liverpool.

String Theory, Mathematical Modelling of Waves, Quantum Mechanics, Further Methods of Applied Mathematics & Mathematical Biology.
Dissertation: On Turing's Theory of Diffusion-Driven Instability. |
| 2008–2011 | (First Class Honours)
Bsc in Mathematics.
Manchester Metropolitan University. |

Teaching Experience

- | | |
|------------|--|
| 2016–today | Assistant Demonstrator.
University of Sheffield.

Assistant in tutorial classes for first and second year Mathematics and Engineering. |
| 2014–2016 | Teacher of Secondary Mathematics.
Silverdale School, Sheffield (Outstanding, Ofsted).

Full time teacher of KS3, KS4 and KS5. Teaching included all A level modules. |

Other Experience

I lecture in the University of Sheffield open days and have taken part in various outreach activities with local schools and the general public.