Rhian Davies

Education	**University of Lancaster** PhD Statistics and Operational Research. 2012 – 2017
	University of Lancaster MRes Statistics and Operational Research. 2011 – 2012
	University of Lancaster BSc Mathematics and Statistics, First Class. 2008 – 2011

Experience

Data Expert, Unilever Research and Development — March - September 2015
- Responsible for the processing and analysis of experimental study data.
- Reported findings to technical manager and non-technical industrial stakeholders.

Graduate Teaching Assistant, Lancaster University — 2012 - 2017
- Taught a broad range of undergraduate mathematics and statistics courses.
- Supervised practical work, including computer labs.

Presenter, Techniquest Glyndŵr — 2007 – 2009
- Developed and presented science shows to public and school audiences.
- Engaged with visitors and explained complex scientific principles.

Key Skills

Data Analysis
- Strong statistical and computational skills developed through masterclasses with international experts.
- Industry Problem Solving Days have given me familiarity with quickly handling new data, analysing it and reporting findings.
- Contributed to report for Mathematics and Statistics department Athena Swan Bronze Award application.

Communication
- Statistical Ambassador for the Royal Statistical Society, trained to communicate statistical concepts to a varied audience.
- Active STEM engager, including speaking at a Royal Institute Mathematics Masterclass.

Organisation
- Organised a conference on Understanding Complex Large Industrial Data (UCLID).
- Co-founder and trustee of the UniBrass Foundation (Registered Charity).

Computing
- Expertise in Microsoft Office, R., Matlab and LaTeX.

Publications

Davies, R., Mihaylova, L., Pavlidis, N., Eckley, I. (2013). "The Effect of Recovery Algorithms on Compressive Sensing Background Subtraction". *Proceedings of the 2013 Workshop on Sensor Data Fusion, Bonn, Germany, October, 2013.*

Awards

Best Paper Award at Sensor Data Fusion Workshop (2013).

Interests

I'm a keen cyclist, runner and enjoy knitting. I play percussion in the Haffner Orchestra.

References

Available on request.