

An Introduction to Quantitative Research Methods for Research and Evaluation within the STEM Disciplines

13 June 2013, University of Birmingham

Registration: <http://www.surveymonkey.com/s/ZST2SDL>

Quantitative methodologies are important for those undertaking evaluation and pedagogic research within higher education. This free one-day workshop, organised in conjunction with the Higher Education Academy, will provide an opportunity for participants to begin thinking about the application of quantitative approaches in educational research. In particular it will provide an introduction to research design, using quantitative approaches to collect data, and data presentation.

Outline Programme

1000	Registration and Tea/Coffee
1020	Welcome, introductions and setting the scene <i>Joe Kyle (University of Birmingham)</i>
1030	The Importance of Experimental Design <i>TBC</i>
1130	Quantitative Data Capture: Survey & Questionnaire Design <i>Michael Grove (University of Birmingham)</i>
1230	Analysis of Existing Data Sets: A Cautionary Tale! <i>Joe Kyle (University of Birmingham)</i>
1300	Lunch
1345	Good Practice in Using Statistics in Educational Research <i>Neville Davies and Gemma Parkinson (Plymouth University)</i>
1445	Communicating Statistics <i>Neville Davies and Gemma Parkinson (Plymouth University)</i>
1545	Tea/Coffee
1600	Supporting Scholarship in Higher Education: The Higher Education Academy
1615	Discussion Session: Sharing Advice & Planning the Next Stages
1630	Close