

AQMeN PhD Residential Event 11-14 May 2010

Advanced Quantitative Research Methods: Issues of Data Collection, Analysis and Presentation

Tuesday 11th May: Welcome Event – Merchants Hall, Edinburgh

1800 – 2100	Michael Blastland Lecture	The Public Perils of Statistics and How to Survive Them
-------------	---------------------------	---

Wednesday 12th May: Data Collection

0830	Bus pickup from accommodation	
0915 – 0930	Introduction	Introduction to doctoral event
0930 – 1250	Data Collection Seminar	<p>Representatives from both Scottish Government and Data Collection Agencies will discuss why and how data is collected and some of the issues involved. The following surveys will be discussed:</p> <ul style="list-style-type: none"> - Scottish School Leavers Survey - Scottish Crime Survey - Scottish Household Survey - Growing Up in Scotland Survey (GUS)
1250 – 1345	<i>Lunch</i>	During lunch students will have the opportunity to meet with the speakers from the seminar session
1345 – 1600	Data Workshop	Students will be split into groups, each allocated one of the surveys discussed during the seminar session. This

		survey will be used by the group for the next 3 days of the event. In this workshop an academic expert will introduce the datasets, documentation and variables and the students will use the workshop to investigate the data. The objective of the workshop is for the group to develop a set of research questions to investigate over the following days of the event.
1600 – 1700	Group reporting session	The groups will come back together and report out on the research questions they are taking forward.
1700	Bus returns to accommodation	

Thursday 13th May: Data Analysis and Presentation Skills

0830	Bus pickup from accommodation	
0915 – 1250	Data Analysis Seminar 'Methods' Taster session	<p>Academics from across the UK will present on a piece of research and how they have applied a specific method to this.</p> <p>This session will run as an 'Advanced Quantitative Methods' taster session and will be open to a wider audience of AQMeN members.</p> <p>The methods discussed will include:</p> <ul style="list-style-type: none"> - Longitudinal Analysis - Multi Level Modelling - Regression for Categorical Analysis - Structural Equation Modelling
1205 – 1315	<i>Lunch</i>	During lunch students will have

		the opportunity to meet with speakers and other seminar delegates to discuss the use of methods in their research
1315 – 1415	Presentation Skills Workshop	This workshop led by Paul Gardner from St Andrews University will look at the presentation of data in a clear and concise manner as well as skills for public engagement.
1430 – 1800	Data Analysis Workshop	Students return to the group labs with the academic experts, analysing the data with regards to their selected research questions.
1800	Bus returns to accommodation	

Friday 14th May: Presentation

0830	Bus pickup from accommodation	
0900 – 1200	Data Analysis and Presentation Preparation	Students return to the group labs to continue with their analysis and prepare their presentations for the afternoon.
1200 - 1245	<i>Lunch</i>	
1245 - 1345	Group presentations	Groups 1 & 2 will provide a 20-30 minute presentation on the work they have done over the course of the event. Using PowerPoint they will present their research questions, their analysis techniques and results as well as how they might consider applying some of the advanced techniques discussed in the taster session to future research in this area. Presentations will be attended by a number of academic experts and policy makers.
1345 – 1400	Break	
1400 – 1500	Group presentations	Groups 3 & 4 presentations
1500 – 1600	Closing session	