SDHI WORKSHOP
(co-hosted with the Applied Quantitative Methods Network AQMeN)

Tuesday 6th March 2012
between **1pm and 4.30pm**

led by

Robert Raeside
Professor of Applied Statistics
Edinburgh Napier University

Social Network Analysis

This workshop will be held in

Room 2F15
Dalhousie Building
University of Dundee

To book a place at the workshop please contact
Rosanne Bell, 01382 386870
r.c.bell@dundee.ac.uk

sdhi
Social Dimensions of Health Institute
Building bridges

Interdisciplinary research in partnership with
the Universities of Dundee and St Andrews

AQMeN
Applied Quantitative Methods Network

Social Dimensions of Health Institute

Professor Robert Raeside is an applied statistician who currently works in the Employment Research Institute at Edinburgh Napier University. Much of his current research is on the analysis of large data sets to expose factors related to a person's wellbeing. He works with colleagues in health and has collaborated in undertaking field work in to the well being of women in rural Bangladesh. He has been part of interdisciplinary teams researching the importance of social networks in reproductive health, institutional partnering, organisational communications and in the employability of older people.

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A person's social network can determine many facets such as their employability, wellbeing and even their likelihood of delinquency. Hence, it is important for public health researchers to understand these networks and to incorporate network variables in to analysis. The methods of social network analysis (SNA) provide a framework to enable interdisciplinary research to be conducted to understand these networks. In this workshop an overview of social networks in public health will be given and approaches to data collection and analysis considered. An introduction to the readily available SNA software will be given using data collected in the workshop and key variables exposed.

The workshop is structured as follows:

13:00 – 13:10: Introductions
13:10 – 13:50: Social Network Analysis and
                     Public Health
13:50 – 14:10: Data issues
14:10 – 14:40: Hands on data collection
14:40 – 15:10: Break
15:10 – 15:30: UCINET and sociogram
                     construction
15:30 – 15:50: Analysis – centrality and power
15:50 – 16:10: Problems with SNA
16:10 – 16:30: Wrap up and review

No prior knowledge is assumed.

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