DAY 1 - Monday 16 September 2013

8.30 – 12.00 Registration
9.20 – 9.30 Welcome – Ravi Maheswaran, University of Sheffield
9.30 – 9.40 About the conference – Mark Strong, University of Sheffield

Session 1 – GIS in Public Health
Session Organiser and Chair:
Ravi Maheswaran, Reader in Epidemiology and Public Health, University of Sheffield, UK
9.40 – 10.15 Andy Jones, University of East Anglia
Title: The use of global positioning systems to measure physical activity behaviours
10.15 – 10.50 Simon Read, Imperial College London and Ying MacNab, University of British Columbia
Title: Influence of local area deprivation and environmental factors on attrition in a multistage recruitment process for a physical exercise intervention

10.50-11.10 Coffee break

11.10 – 11.45 Graham Moon, University of Southampton
Title: Ethnic segregation and smoking in New Zealand: untangling place effects
11.45 – 12.20 Andrew Lawson, Medical University of South Carolina
Title: Evaluation of model-based measures of disease clustering and excess risk

12.20 – 1.20 Lunch

Session 2 – Contributed talks and “Gone in One Minute” poster presentations
Session Organiser and Chair:
Mark Green, Research Associate, University of Sheffield, UK
1.20 – 1.45 Ashok Krishnamurthy
Title: Bayesian statistical tracking of the 14th century (Black Death) pandemic using data assimilation
1.45 – 2.10 Yingbo Wang
Title: Using Propensity Score to adjust for unmeasured confounders in small area studies
2.10 – 3.00 Gone in one-minute poster presentations (Session Chair: Mark Strong)

3.00-3.45 Coffee break and posters

Session 3 – Spatial and Spatio-temporal Epidemiology
Session Organiser and Chair:
Andrew Lawson, Professor of Biostatistics, Medical University of South Carolina, USA
3.45– 4.20 Duncan Lee, University of Glasgow
Title: Controlling for localised spatio-temporal confounding in long-term air pollution and health studies
4.20 – 4.55 Ana Corberan-Vallet, University of Valencia
Title: A multivariate model for the analysis of infectious disease surveillance data using syndromic information
4.55 – 5.30 Emanuela Dreassi, University of Firenze
Title: Disease mapping via negative binomial M-quantile models

5.30-7.00 Wine reception and light refreshments
Session 4 – Health Geography
Session Organiser and Chair: Maged Kamel Boulos, Associate Professor of Health Informatics, University of Plymouth, UK
9.15 – 9.50 Estella Geraghty, University of California, Davis
Title: Geomedicine: from public health to personal health
9.50 – 10.25 Jason Horsley, Sheffield City Council
Title: Influencing Policy on chlamydia screening through spatial analysis of data

10.25-10.50 Coffee break

10.50 – 11.25 Tony Mathys, Edinburgh University Data Library (EDINA)
Title: Data management issues which health geography and health geoinformatics researchers face
11.25 – 12.00 Ben Wheeler, European Centre for Environment and Human Health, University of Exeter Medical School
Title: Geography of non-melanoma skin cancer and environmental risk factors in England: ecological study

1200-1.15 Lunch

Session 5 – Contributed talks
Session Organiser and Chair: Jason Horsley, Registrar in Public Health, Sheffield City Council, UK
1.15 – 1.40 Alastair Rushworth
Title: Investigating long-term health impacts of particulate matter in the UK: a novel spatio-temporal approach
1.40 – 2.05 Yi Gong
Title: Neighbourhood green space and participation in physical activities among the elderly: the Caerphilly cohort perspective study
2.05 – 2.30 Annibale Biggeri
Title: Spatio-temporal universal Bayesian kriging models to predict children individual exposure to air pollution in a high risk area in Italy
2.30 – 2.55 Olga (Olha) Buchel
Title: Exploring spatial health-related patterns in medical citations

2.55-3.45 Coffee break and posters

Session 6 – Spatial Statistics
Session Organiser and Chair: Ying MacNab, Associate Professor of Statistics, University of British Columbia, Canada
3.45– 4.20 Lola Ugarte, Universidad Pública de Navarra
Title: On fitting spatio-temporal models using approximate Bayesian inference
4.20 – 4.55 Craig Anderson, University of Glasgow
Title: Identifying spatial discontinuities in areal data
4.55 – 5.30 Renato Assuncao, Universidade Federal de Minas Gerais
Title: A closer look at the matrix exponential spatial specification

7.15 Taxis
7.30 Conference reception and dinner at Cutler’s Hall
Session 7 – Public Health Practice

Session Organiser and Chair:
Mark Strong, Clinical Senior Lecturer in Public Health, University of Sheffield, UK
9.15 – 9.50 Paul Fryers, Public Health England
Title: National public health intelligence applications of GIS in England
9.50 – 10.25 Maged Kamel Boulos, Plymouth University
Title: Public engagement and participation in health geography: crowdmaps (crowdsourced maps) by citizens, for citizens

10.25-10.50 Coffee break

10.50 – 11.25 Ravi Maheswaran, University of Sheffield
Title: Migration and health inequalities in Sheffield
11.25 – 12.00 Ray Jones, Plymouth University
Title: Geographical differences in referrals to a regional allergy clinic – an eleven year audit

1200-1.15 Lunch

Session 8 – Contributed talks

Session Organiser and Chair:
Hannah Jordan, Lecturer in Public Health, University of Sheffield, UK
1.15 – 1.40 Ana Isabel Ribeiro
Title: What public health professionals should know about cartography? Quality of georeferencing using health databases from population-based cohorts.
1.40 – 2.05 Emanuele Giorgi
Title: Combining data from multiple spatially referenced surveys: geostatistical analysis of childhood malaria in Chikhwawa District, Malawi
2.05 – 2.30 Jon Minton
Title: Scarred for life: Towards a spatial understanding of an international 1918 cohort effect
2.30 – 2.55 Tom Russ
Title: Geographical variation of dementia in Scotland and Sweden: attempting to separate genetic and life course environmental effects

2.55-3.10 Closing remarks – Ravi Maheswaran

Coffee and tea prior to departure