Urban Big Data Centre, Glasgow UK: two research associate positions

The Urban Big Data Centre is funded by UK’s Economic and Social Research Council to promote the use of innovative methods and complex urban data to address urban challenges. It brings together the expertise of urban planners, other urban social scientists, data scientists and statisticians from the University of Glasgow and six partner universities (universities of Edinburgh, Bristol, Cambridge, Reading, Sheffield and Illinois-Chicago). It supports policy makers, businesses, third sector organisations and everyday citizens to harness the potential of big data for environmentally sustainable, economically resilient and socially just cities. UBDC runs a data service to support researchers to carry out urban research.

We are seeking to recruit for two positions. The closing date for applications is Sunday, 16th August 2015. For more details on how to apply, please visit: http://ubdc.ac.uk/blog/2015/july/new-vacancies-research-associates/

Research Associate - Urban Indicators Project (010257): The Research Associate in Urban Indicators will play a leading role in the quantitative modelling of urban systems in the Urban Big Data Centre (UBDC), within the School of Social and Political Sciences in the College of Social Sciences and School of Mathematics and Statistics in the College of Science and Engineering. The position will also require working as part of a team within UBDC to create innovative data products, particularly an ambitious urban indicators database, and the modelling, data manipulation, visualisation and research support work entailed with regards to a variety of problems such as uncertainty modelling, small-area estimation, and fusion of heterogeneous data at different spatial and temporal scales. It will also require the capacity to act with a degree of independence to determine the direction of the research project as opportunities allow. The ideal candidate would have experience working with urban geospatial data (environmental, transport, housing, and other areas) and GIS. A PhD or equivalent in Statistics, Urban Modelling and Analysis, GIScience or Computing Science, is required.

Research Associate - Statistical Linkage, Uncertainty and Inference (010740): This Research Associate position is expected to make a leading contribution to the research agenda of the UBDC by carrying out research on statistical linkage, uncertainty and inference in a complex urban data environment. The successful candidate will work on the School of Mathematics and Statistics’ project within UBDC, and will also be expected to contribute to the formulation and submission of research publications and research proposals and to assist in managing and directing this complex and challenging project. A PhD or equivalent in Statistics, awarded or soon to be so, is required.