Applications are invited for the following full-time position in the Saw Swee Hock School of Public Health:

Research Assistant/Research Associate/Post-doctoral Fellow (Geospatial)

Centre for Infectious Disease Epidemiology and Research (CIDER) – Saw Swee Hock School of Public Health (SSHSPH) at the National University of Singapore (NUS) is recruiting a highly motivated full-time Research Assistant/Research Associate/Post-doctoral in geospatial analytics.

CIDER is an academic research centre collaborating with the Biodefence centre, Singapore Armed Forces (SAF). Our expertise is in infectious disease surveillance and epidemiological modelling to prevent and control potential infectious disease outbreaks.

The candidate that we are looking for needs to have a good knowledge of spatial data visualization and analysis, as well as programming skills, to integrate various models and tools to develop a comprehensive vector surveillance model.

Job Description
- Provide support for the creation, analysis, and management of geospatial data
- Develop plans for strategic research that will lead to measurable, significant improvements in the vector surveillance model
- Implement and coordinate GIS-related activities
- Manage specific project deliverables and prepare deliverable reports

Requirements/qualifications
- At least a Bachelor degree in Computer Science, Geography, Statistics, or related field
- Have experience with ArcGIS software suite (ArcMap, ArcCatalog, ArcToolbox, ArcGIS server), GIS and technical programming/scripting with R or other languages
- Good to have some experience with statistical modeling and data mining
- Knowledge of database management languages, e.g. SQL
- Demonstrates ability to communicate well with others (clinicians and statisticians), both verbally and in writing
- Ability to work independently and at the same time, willing to share knowledge and collaborate with others is essential as well
- Publications in peer-reviewed journals will be highly preferred

This position will be initially available for one year. The grade of appointment will be accorded based on candidate's academic qualifications and years of relevant experience.

Interested applicants should send the following documents by email to Ms Chua Hui Lan at ephchl@nus.edu.sg:
   a. *Cover letter highlighting career goals and relevant experience*
   b. *Curriculum Vitae*
   c. *Names and contact information of at least two referees*
   d. *A completed NUS Personal Data Consent for Job Applicants (form is available at NUS Personal Data Consent for Job Applicants)*
   e. *Any other supporting documents*

We regret that only shortlisted candidates will be contacted.