

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

Research Assistant/Associate

We are looking for research assistants/associates with a quantitative background to perform programming tasks for projects in population health. Candidates need to be able to understand statistical modelling, be fluent in R programming and have a strong programming background, preferably in C/C++, as complex programming and optimisation tasks are required. Candidates are also expected to construct statistical models from healthcare data and implement them within a larger programming framework, as part of a population forecasting engine.

Responsibilities:

- Statistical analysis and construction of statistical models
- Complex programming and development of simulation engines
- Data extraction and cleaning
- Academic writing and publication of results
- Assist the Principal Investigator with other day-to-day tasks

Requirements:

- At least a BSc in a quantitative discipline (statistics, mathematics, computer science, data science)
- Advanced knowledge of R programming and at least one other programming language
- Must be comfortable with writing complex code
- Knowledge of database management systems and/or software engineering is a plus but not necessary (MySQL, Oracle, etc.)
- Public health and/or statistical modelling background would be beneficial

The grade of appointment will be accorded based on candidate's academic qualifications and years of relevant experience.

Applicants should send the following documents by email to Mr Tan Ken Wei at ephtkw@nus.edu.sg:

- a. Cover letter highlighting career goals and relevant experience*
- b. Curriculum Vitae, containing details of three named referees*
- c. A complete NUS Personal Data Consent for Job Applicants (form is available at [NUS Personal Data Consent for Job Applicants](#))*

Please note that only shortlisted candidates will be contacted.