

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

Post-doctoral Research Fellow (Economic Modeling) for Saw Swee Hock School of Public Health

The Saw Swee Hock School of Public Health (SSHSPH) at the National University of Singapore (NUS) is seeking a postdoctoral research fellow to assist in a study on the use of preemptive pharmacogenotyping (PGx) in Singapore. The objective of this study is to identify the optimal patient selection strategy and multiplex gene panel composition for cost-effective use of preemptive PGx. Results will be used to inform policy making, reimbursement decisions and communication strategies on preemptive PGx. Successful candidates will be appointed on a 24-month contract.

Job scope:

- Construct economic models to identify drivers of cost-effectiveness of implementing preemptive PGx versus doing nothing
- Explore analyses across different time horizons and cohorts
- Compare the results from different models, e.g. discrete event simulation vs. Markov cohort models

Requirements:

- Possess a PhD in a related field such as Biostatistics/ Engineering/ Economics/ Pharmacy/ Public Health
- Experience in economic modelling is a plus
- First author publication(s) in reputable international journal(s).

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 Dr WEE Hwee Lin at ephwhl@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.