Post Specification

(1) Research Associate (Ref. 14012906)  
[Appointment period: twelve months]

(2) Research Assistant (Ref. 14012907)  
[Appointment period: six months initially, with possibility of further appointment]

Duties

The appointees will assist the project leader in the project – “Optimal design and operation of public transportation systems in a congested city”. They will be required to:

(a) assist in collecting and analysing data;

(b) perform mathematical modelling;

(c) perform simulation development; and

(d) conduct collaborative research that can potentially lead to publications in top-tier journals in the transportation field.

Qualifications

For the Research Associate post, applicants should have a master’s degree or a good honours degree with at least three years of research/relevant work experience. For the Research Assistant post, applicants should have an honours degree or an equivalent qualification. The degree should be in Transportation Engineering, Civil Engineering, Electrical Engineering or a related field.

Preference will be given to those with research experience or background in at least one of the areas: (i) traffic flow theory; (ii) public transportation systems; (iii) operations research or applied mathematics; and (iv) traffic simulation.

Applicants are invited to contact Dr Weihua Gu at tel. no. 2766 6189, fax no. 2330 1544 or email weihua.gu@polyu.edu.hk for further information.

Remuneration

A highly competitive remuneration package will be offered. Applicants should state their current and expected salary in the application.

Revised on 15 October 2014