

THE HONG KONG POLYTECHNIC UNIVERSITY

SCHOOL OF OPTOMETRY

Post Specification

(1) Research Associate (two posts) (Ref. 18120404)

[Appointment period: each for twelve months initially, with possibility of further appointment]

(2) Project Associate (Ref. 18120405)

[Appointment period: twelve months initially, with possibility of further appointment]

(3) Project Assistant (Ref. 18120406)

[Appointment period: twelve months initially, with possibility of further appointment]

Duties

The appointees will assist the project leader in the research project – “Development of a smart portable corneal topographer for characterizing corneal shape in young children”. They will be required to:

- (a) develop optical hardware for medical image acquisition;
- (b) develop algorithms with machine-learning components to derive corneal parameters;
- (c) validate algorithms with appropriate methodologies; and
- (d) troubleshoot algorithms and prepare manuscript.

Qualifications

Applicants for the **Research Associate** and **Project Associate** posts should have a master’s degree or a good honours degree with three or more years of research/relevant work experience.

Applicants for the **Project Assistant** post should have an honours degree or an equivalent qualification with relevant work experience.

Applicants should also:

- (a) have a good command of both written and spoken English and Chinese;
- (b) have good communication skills; and
- (c) be self-motivated, willing to learn and show initiative.

Applicants are invited to contact Dr Chea-su Kee tel no. 2766 7941, fax no. 2764 6051 or email c.kee@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.

4 December 2018