

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF BIOMEDICAL ENGINEERING

Post Specification

Assistant Professor in Biomedical Engineering (Gerontechnology) (Ref. 19030602)

The Department of Biomedical Engineering is one of the seven academic departments/division in the Faculty of Engineering, and it offers a full spectrum of BME programmes, from BSc, MSc, MPhil to PhD. The team is the first group to offer Biomedical Engineering related undergraduate programme in Hong Kong, and has made great achievements in BME education, innovative research, and technology transfer. Currently the Department has four thematic research areas, including Medical Imaging and Biosensing, Molecular and Cellular Engineering, Neuromusculoskeletal Science and Engineering, Prosthetics, Orthotics, and Rehabilitation Engineering. It aims to conduct cutting-edge researches in these areas and nurture future leaders in prosthetics and orthotics, clinical engineering, medical instrumentation and sensors, and biological engineering by imparting interdisciplinary knowledge, innovative ideas, critical thinking and practical skills. Please visit the website at <http://www.polyu.edu.hk/bme> for more information about the Department.

Duties

The appointee will be required to:

- (a) teach at undergraduate and postgraduate levels, and contribute to programme and curriculum development;
- (b) initiate innovative research projects that lead to publications in top-tier refereed journals and awards of external research grants;
- (c) supervise student projects and theses;
- (d) engage in industrial and scholarly research/consultancy activities;
- (e) undertake academic and departmental administrative duties; and
- (f) perform any other duties as assigned by the Head of Department or his/her delegates.

Qualifications

Applicants should have:

- (a) a PhD degree in Biomedical Engineering, Rehabilitation Engineering or relevant disciplines;
- (b) good publication records;
- (c) demonstrated track record in the research and development related to technology for ageing;
- (d) strong commitment to excellence in teaching and research;
- (e) good networking ability and interdisciplinary collaborations skills; and
- (f) excellent communication skills and the ability to use English as the medium of instruction.

Remuneration and Conditions of Service

A highly competitive remuneration package will be offered. Initial appointment will be on a fixed-term gratuity-bearing contract. Re-engagement thereafter is subject to mutual agreement. For general information on terms and conditions for appointment of academic staff in the University, please visit the website at <http://www.polyu.edu.hk/hro/TC.htm>. Applicants should state their current and expected salary in the application.

6 March 2019