

## THE HONG KONG POLYTECHNIC UNIVERSITY

The Hong Kong Polytechnic University is a government-funded tertiary institution in Hong Kong. It offers programmes at various levels including Doctorate, Master's and Bachelor's degrees. It has a full-time academic staff strength of around 1,400. The total annual consolidated expenditure budget of the University is in excess of HK\$7.4 billion.

### DEPARTMENT OF APPLIED MATHEMATICS

**Assistant Professor / Research Assistant Professor in Applied Statistics and Financial Mathematics / Engineering and Computational Mathematics / Applied Optimization and Operations Research (several posts)** (Ref. 19091318)

The Department of Applied Mathematics (AMA) is part of the Faculty of Applied Science and Textiles. The Department offers undergraduate programmes in Investment Science and Finance Analytics, and Data Science and Analytics, and makes a significant contribution to most of other academic programmes of the University by providing service teaching. It also offers master's programmes in Applied Mathematics for Science and Technology with specialism in Decision Science and Actuarial Science, and Operational Research and Risk Analysis. Members of the Department have expertise in applied optimization and optimal control, engineering computation, operational research, management science and applied statistics. There are currently 41 academic staff and about 70 research personnel in the Department. Please visit the website at <http://www.polyu.edu.hk/ama> for more information about the Department.

The Department has established a Joint Laboratory of Applied Mathematics with the Academy of Mathematics and Systems Science of the Chinese Academy of Sciences. The appointees are expected to be actively involved in the activities of the Laboratory.

#### Duties

The appointees for the **Assistant Professor** post will be required to:

- (a) teach and contribute to curriculum development at undergraduate and postgraduate levels;
- (b) supervise MPhil and PhD students;
- (c) engage in scholarly research, consultancy and other scholarly activities leading to publications in top-tier refereed journals and award of research grants; and
- (d) undertake academic and departmental administrative duties.

The appointees for the **Research Assistant Professor** post will be required to:

- (a) conduct research as their main duty and actively pursue external research grants such as General Research Fund as Principal Investigator or Co-Investigator;
- (b) teach undergraduate or taught postgraduate subject as assigned by the department; and
- (c) undertake some departmental administrative service.

The appointees are also required to perform any other duties as assigned by the Head of the Department or his delegates.

### **Qualifications**

Applicants should have:

- (a) a PhD in Mathematics / Statistics / Financial Mathematics / Operations Research / Computational Mathematics / Applied Mathematics or a closely related field; and
- (b) expertise in applied statistics, operation research and mathematics.

For the post of **Assistant Professor**, applicants should also have (a) an established track record in research and scholarship, including refereed publications and external grant applications; and (b) a demonstrated commitment to excellence in teaching.

For the post of **Research Assistant Professor**, applicants should also have (a) demonstrated promise of a high level of creative ability in research in some subdivisions of his/her field; and (b) the ability to conduct quality teaching.

### **Remuneration and Conditions of Service**

A highly competitive remuneration package will be offered. Appointment will be on a fixed-term gratuity-bearing contract and re-engagement thereafter is subject to mutual agreement. For general information on terms and conditions for appointment of Assistant Professor 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.

### **Application**

Please send a completed application form to **Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong** or via email to [hrstaff@polyu.edu.hk](mailto:hrstaff@polyu.edu.hk). Application forms can be obtained via the above channels or downloaded from [http://www.polyu.edu.hk/hro/job/en/guide\\_forms/forms.php](http://www.polyu.edu.hk/hro/job/en/guide_forms/forms.php). If a separate curriculum vitae is to be provided, please still complete the application form which will help speed up the recruitment process. **Consideration of applications will commence in October**

**2019 until the positions are filled.** The University's Personal Information Collection Statement for recruitment can be found at [http://www.polyu.edu.hk/hro/job/en/guide\\_forms/pics.php](http://www.polyu.edu.hk/hro/job/en/guide_forms/pics.php).

PolyU is an equal opportunity employer committed to diversity and inclusivity. All qualified applicants will receive consideration for employment without regard to gender, ethnicity, nationality, family status or physical or mental disabilities.