

# THE HONG KONG POLYTECHNIC UNIVERSITY

## DEPARTMENT OF APPLIED PHYSICS

### Post Specification

#### Chair Professor of Nanotechnology (Ref. 20101909)

The Department of Applied Physics is recognised as one of the strongest academic departments in research within the University. In the past Research Assessment Exercise, the Department attained the highest proportion of world leading research work in the University as well as the cost centre. It played an important role in the set up of the University Research Facility in Materials Characterization and Device Fabrication which comprises a Materials Research Centre, a Centre for Electron Microscopy, a Micro-/Nano-Device Fabrication and Sensing Laboratory and a Cleanroom. The Department has a size of 23 full-time academic staff members, about 70 research/project personnel, 60 research postgraduate students, and 300 students in two academic programmes. The major research areas include nanomaterials, photonic materials and devices, smart materials and devices, and theoretical and computational physics. The Department is also actively considering a strategic move towards international excellence in materials science, photonics and nano science and technology. Please visit the website at <http://www.polyu.edu.hk/ap> for more information about the Department.

### Job Functions

The Chair Professor is expected to provide leadership in academic activities, including research, teaching and service in the Department. We are seeking to appoint a senior academic with a proven track record and international research reputation in Nanotechnology.

The appointee will be required to:

- (a) provide leadership in all aspects of academic activities, including research, teaching and service in the Department;
- (b) provide leadership in promoting research collaboration, securing external research grants, and enhancing research quality and publication outputs;
- (c) engage in scholarly research / high-level consultancy;
- (d) facilitate the Department in increasing its international visibility and strengthening its global connections;
- (e) engage in the supervision of research students of the Department (e.g., MPhil and PhD students);
- (f) teach and contribute to curriculum development at both undergraduate and postgraduate levels;
- (g) contribute to academic administration and management in the University; and
- (h) undertake any other duties as assigned by Head of the Department or his delegates.

## Qualifications

Applicants should have:

- (a) a doctoral degree in Physics, Applied Physics, Materials Science or a related discipline;
- (b) an international reputation in research and scholarship;
- (c) a strong record in attracting research funding and excellence in research outputs;
- (d) a demonstrated commitment to excellence in teaching and learning;
- (e) a global perspective, proven academic leadership and demonstrated ability to foster collaboration with faculty members with different cultural and research backgrounds in teaching, intellectual contributions and service activities; and
- (f) ability to bring more visibility, prestige and reputation to the University.

## Remuneration and Conditions of Service

Terms of appointment and remuneration package are negotiable and highly competitive. 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>.

## Application and Nomination

Applicants are invited to send a detailed curriculum vitae by post with the names and addresses of three referees, and direct any enquiries to the Chairman of the Faculty Staffing Committee (Chair Professors), **Human Resources Office, 13/F, Li Ka Shing Tower, The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong** or via email to [search.chairprof-ap@polyu.edu.hk](mailto:search.chairprof-ap@polyu.edu.hk), quoting the position being applied for and the reference number. **The closing date for application is Thursday, 31 December 2020.** Candidature may be obtained by nominations. General information about the University is available at <http://www.polyu.edu.hk> or from the Human Resources Office [Tel: (852) 2766 5290]. 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.*

19 October 2020