

THE HONG KONG POLYTECHNIC UNIVERSITY

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Post Specification

Postdoctoral Fellow (Ref. 19050701)

[Appointment period: twelve months]

Duties

The appointee will assist the project leader in the research project – “New solvent-based biorefinery techniques to extract lignin from timber wastes for high titer biofuel production”. The appointee will participate in related research topics including but not limited to:

- i. designing/constructing biological processes and bioreactor for biofuels;
- ii. “decoding” lignocellulosic cell wall structure with advanced technique (NMR, GC/MS) for efficient pretreatment; and
- iii. synthesizing valuable chemicals from biomass extractives.

Qualifications

Applicants should have a doctoral degree or an equivalent qualification in Bio-techniques, Plant Science, Biological Process or Environmental Engineering and must have no more than three years of post-qualification experience at the time of application.

Applicants are invited to contact Dr Ben Shao-Yuan Leu at tel no. 3400 8322, fax no. 2334 6389 or email syleu@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.

7 May 2019