

Research Position in Structural Engineering at The Hong Kong Polytechnic University

A Research Associate/Assistant position is available in the Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, in the area of fiber-reinforced polymer composites in civil engineering. The applicant will join a dynamic research group in Emerging Structural Materials and Systems led by Prof Jin-Guang Teng and Dr. Jian-Guo Dai. The successful applicant is expected to commence his position soon.

This candidate will work on the forms and behavior of beam-column joints to facilitate the use of FRP-concrete-steel double-skin tubular columns and other forms of FRP-confined columns in frame systems under the joint supervision of Dr Jian-Guo Dai (Chief supervisor) and Prof Jin-Guang Teng (Co-supervisor). Experimental and numerical investigations into the seismic behavior of various forms of beam-column joints will be key components of the project.

- **Expected Qualifications and Attributes**

Applicants must possess the following qualifications/attributes:

- (a) A master or PhD degree in civil engineering or engineering mechanics from a reputable university;
- (b) A strong interest in pursuing an academic/research career;
- (c) Competency and interest in both theoretical and experimental work; and
- (d) A good command of English.

Applicants with relevant research experience will be given preference. Research publications will be an important criterion for assessing the research experience and achievement of an applicant.

- **Salary**

The salary offered will be commensurate with qualifications and experience. Applicants should state their current and expected salary in the application. The starting salaries for a research assistant and a research associate are HK\$ 10,000 and HK\$ 14,000 per month, respectively.

- **Application Procedure**

If you meet the above requirements and are interested in the position, please email your CV with a short personal statement explaining why you are interested in the position to Dr Jian-Guo Dai at cejgdai@polyu.edu.hk by **20 March 2011**. Short-listed candidates will be interviewed either in person or over the phone.