

Research Assistant Professor
THE HONG KONG POLYTECHNIC UNIVERSITY

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Posted Nov. 5, 2024, set to expire Mar. 9, 2025

Job Title	Research Assistant Professor
Department	DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING http://www.cee.polyu.edu.hk
Institution	THE HONG KONG POLYTECHNIC UNIVERSITY Kowloon, , Hong Kong
Date Posted	Nov. 5, 2024
Application Deadline	Until the position is filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Ecological and Environmental Engineering Physics Civil Engineering Engineering - Other
Apply Online Here	https://jobs.polyu.edu.hk/job_detail.php?job=241104011
Apply By Email	
Job Description	

THE HONG KONG POLYTECHNIC UNIVERSITY

With over 85 years of rich heritage, The Hong Kong Polytechnic University (PolyU) has evolved alongside society and made pivotal contributions to the development of Hong Kong, the Nation and the world. The University pursues world-class excellence in education, research and knowledge transfer to nurture socially responsible leaders and professionals, as well as to drive impactful research and innovation. PolyU will strive to continually excel as an innovative world-class university that makes a

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positive impact on society, living up to the University's motto: "To learn and to apply, for the benefit of mankind".

Ranked among the top 100 universities globally by well-known ranking organisations such as Quacquarelli Symonds (QS), Times Higher Education (THE) and U.S. News & World Report, PolyU offers a wide range of world-class educational and research programmes in seven faculties (including the Faculty of Computer and Mathematical Sciences to be established on 1 January 2025) and three independent schools. PolyU has furthermore achieved remarkable results in the latest QS World University Rankings by Subject 2024 – it is ranked in the global top 20 for five subjects, is first in Hong Kong for four subjects, and is in the global top 100 for 21 subjects.

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Research Assistant Professor in Tropical Cyclone Urban Risk Mitigation, Physics-Guided Machine Learning, Flexible Sensors, or Metamaterials and Smart Structures (Ref. 241104011)

The Department of Civil and Environmental Engineering enjoys a high international reputation in conducting world-class research for societal benefits and has well established partnerships with the industry and government agencies in Hong Kong and beyond. It currently has about 45 regular faculty members at Assistant Professor and above levels and 37 technical and administrative personnel, and aspires to be a world leader in both teaching and research in civil and environmental engineering. Please visit the website at <http://www.cee.polyu.edu.hk> for more information about the Department.

The Department is seeking a highly motivated and suitably qualified individual with research expertise in Tropical Cyclone Urban Risk Mitigation, Physics-Guided Machine Learning, Flexible Sensors, or Metamaterials and Smart Structures. The work will support the Theme-based Research Scheme (TRS) project "INTACT: Intelligent Tropical-Storm-Resilient System for Coastal Cities".

Duties

The appointee will be required to:

- (a) conduct research as the main duty and actively pursue external research grants, such as General Research Fund, in the role of Principal Investigator or Co-Investigator;
- (b) provide quality teaching at undergraduate or postgraduate level;
- (c) contribute to departmental service; and

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(d) perform any other duties as assigned by the Project Coordinator.

Qualifications

Applicants should:

- (a) have a PhD degree in a related discipline;
- (b) have at least two years of postdoctoral research experience;
- (c) have demonstrated promise of a high level of creative ability in research and teaching in some subdivisions of his/her field;
- (d) be able to demonstrate effective classroom teaching skills; and
- (e) be proficient in written and spoken English.

Conditions of Service

A highly competitive package including a medical benefits plan and a gratuity payable upon completion of the term which is normally for two to three years initially, with possibility of extension.

Application

Please submit an application through PolyU's career website (<https://jobs.polyu.edu.hk/rap>).

Consideration of applications will commence on 11 November 2024 until the position is filled.

The University's Personal Information Collection Statement for recruitment can be found at

https://www.polyu.edu.hk/hro/careers/pics_for_recruitment/.

PolyU is an equal opportunity employer, dedicated to fostering an environment that embraces diversity and demonstrates inclusion of people from all backgrounds, cultures, identities and experiences where all members of the University are treated with fairness, dignity and respect. To learn more about the University's "Statement on Equal Opportunities, Diversity, and Inclusion", please visit our website at https://www.polyu.edu.hk/hro/equal_opportunities_diversity_and_inclusion/.

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Hong Kong