

**Research Assistant I (Ref: 2600720)**

**Department of Science and Environmental Studies**

**Project Title: eDNA Surveillance for Risk Assessment & Dynamics of Antibiotic-Resistant Genes and Pathogens in Microplastic Biofilm**

**[Appointment Period: 9 months]**

The appointee will participate in research projects related to the topics of (1) eDNA Surveillance for Risk Assessment and (2) Dynamics of Antibiotic-Resistant Genes and Pathogens in Microplastic Biofilm. The major duties include conducting a literature review, field sampling, processing samples, extracting DNA/RNA, performing PCR analysis and sequencing, analyzing bioinformatics data, and developing prototypes. They will also be responsible for drafting reports, papers, and proposals for submission, carrying out general administrative duties, and performing any other duties as assigned. The appointment will be for approximately 9 months, with the possibility of renewal, subject to mutual agreement.

Applicants should have a Bachelor's degree, preferably a Master's degree or above in Science, with post-qualification research experience. Relevant research experience in (1) PCR analysis, (2) bioinformatics, and (3) advanced biotechnology is preferred. Preference will also be given to applicants with first authored top SCI research article publication records, good knowledge of nucleic acid-related bioinformatics research, experience in field and laboratory work, and the ability to work independently with minimal direct supervision. They should also be good team players, detail-oriented, highly self-motivated, and able to work under pressure. Immediate availability is preferred.

For further enquiries about the post, please contact Dr Cheng Jinping at [jincheng@eduhk.hk](mailto:jincheng@eduhk.hk).

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Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. Fringe benefits include contract-end gratuity, leave, medical and dental benefits.

The University only accepts and considers applications submitted online for this post. Applicants should complete the [online application form](#) and upload a full CV on or before **24 September 2026**. Applications which are incomplete or without the required documents may not be considered. Personal data provided by applicants will be used for recruitment and other employment-related purposes. For details of the Personal Information Collection Statement, please refer to <http://www.eduhk.hk/jobsopp/index.php?glang=en>.

All applications will be treated in strict confidence. Only those who are shortlisted will be contacted. The University reserves the right not to fill the position(s) advertised.

Further information about the University is available at <http://www.eduhk.hk>.

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