

Research Assistant II (Ref: 2500827)

Department of Science and Environmental Studies

Project Title: Children's Health Effects by Airborne EDCs and Bacteria Exposure

[Appointment period: 4 months]

The appointee will participate in research projects related to the topics of (1) air sampling and monitoring; (2) chemical analysis by HPLC-MS, GC-MS, etc; (3) chemical prediction in biosamples by machine learning; (4) airborne antibiotic resistance. The major duties include conducting sample collection from the environment and humans, then sample processing, DNA/RNA extraction, PCR analysis and sequencing, and performing data analysis by machine learning. 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 a period of around 4 months, with the possibility of renewal subject to mutual agreement.

Applicants should have at least Level 2 or equivalent or above in five subjects including Chinese Language, English Language and Mathematics in HKDSE; or Grade E (Level 2) or above in five subjects including Chinese, English (Syllabus B) and Mathematics in HKCEE or equivalent, preferably with a Bachelor's degree or above. Relevant research experience in (1) pollution monitoring, (2) environmental chemistry, microbiology, and (3) machine learning knowledge is preferred. Preference will also be given to applicants with good knowledge of atmosphere pollution-related research, experience in field work, and the ability to work independently with minimal direct supervision. They should also be a good team player, attentive to details, highly self-motivated, and able to work under pressure. Immediate availability is preferred.

For further enquiries about the post, please contact Dr Deng Wenjing at wdeng@eduhk.hk.

Salary will be commensurate with qualifications and experience.

Initial appointment will be made on a fixed-term contract. Fringe benefits include leave and outpatient medical 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 **9 September 2025**. 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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