**CENTRE FOR EYE AND VISION RESEARCH LIMITED**

Centre for Eye and Vision Research Limited (CEVR) is a research collaboration between The Hong Kong Polytechnic University (PolyU) and the University of Waterloo (UW) in Canada. It will be located at the Hong Kong Science Park, New Territories, Hong Kong. It will be the first global hub performing ground-breaking research in five key areas – myopia and eye growth, ocular drug discovery and delivery, vision enhancement, tear film and ocular surface and advanced optometric technology. The mission of CEVR is to generate technologies to prevent vision loss in the aging population and preserve healthy vision.

**(1) Postdoctoral Fellow (two posts)** (Ref. No.: CEVR-R044)
**[Appointment period: each for twelve months initially, with possibility of further appointment]**

**(2) Research Associate / Research Assistant (two posts)** (Ref. No.: CEVR-R045)
**[Appointment period: each for twelve months initially, with possibility of further appointment]**

**Duties**

The appointees will assist the project leaders in the multi-disciplinary research project – "Novel retinal polarization imaging techniques for detecting biomarkers associated with aging".

**Qualifications**

Applicants for the **Postdoctoral Fellow** posts should have a doctoral degree or an equivalent qualification in Optics, Photonics, Advanced Optical Imaging, Polarization Imaging, Neurodegenerative Diseases in the Retina of the Eye, Proteomics or other related disciplines, and must have no more than five years of post-qualification experience at the time of application.

Applicants for the **Research Associate** posts should have a master's degree <u>or</u> a good honours degree in one of the said disciplines with three or more years of research/relevant work experience.

Applicants for the **Research Assistant** posts should have an honours degree or an equivalent qualification in one of the said disciplines.

For **all posts**, preference will be given to those with experience in one or more of the following areas:

(a)    building and testing instrument prototypes in Biomedical Optics and Photonics;

(b)    imaging the eye with novel optical technologies;

(c)    neuroscience and in particular in using the retina as an optical window onto the brain;

(d)    imaging in polarized light of other applications of polarimetric imaging; and

(e)    proteomics analysis of biological tissues using mass spectrometry.

Preference will also be given to those with the ability to dissect retinal tissue, perform retinal imaging in humans and/or interact with an older population and who are eligible for the Research Talent Hub (RTH-ITF) of Hong Kong.

Applicants are invited to contact Prof. Melanie Campbell of the University of Waterloo at tel no. (1) 519-722-6273 or email [mcampbel@uwaterloo.ca](mailto:mcampbel@uwaterloo.ca) or Dr Dennis Tse Yan-yin of The Hong Kong Polytechnic University at tel no. 2766 6096 or email [dennis.tse@polyu.edu.hk](mailto:dennis.tse@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.

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