Raine Visiting Professor Lecture Series

Professor Phil Ainslie
Professor of Physiology, The University of British Columbia
Canada Research Chair in Cerebrovascular Physiology

will present a Raine Lecture entitled:

Testing the Limits of the Human Brain

on

Wednesday November 26th 2014: 5.50pm for 6.00pm start

in the

Theatre Auditorium
The University of Western Australia Club
Entry and Parking: Hackett Drive Entrance #1
http://www.universityclubconferences.com.au

All Welcome

Relative to its size, the brain is the most oxygen-dependent organ in the body, but many pathophysiological and environmental processes may either cause or result in an interruption to its oxygen supply. Remarkable feats, however, have been achieved where the human brain has survived extremely low pressures of oxygen on the summit of Mt Everest. Even more oxygen deprivation occurs during extreme breath-hold diving. An overview of these human feats will be covered in this talk, as well as comparative examples of true adaption in high-flying geese and diving mammals.

Phil Ainslie is Professor and Research Chair at The University of British Columbia, and Co-director of the Centre for Heart, Lung and Vascular Health. He received his PhD from Liverpool John Moores University (UK) followed by postdoctoral research at the University of Calgary (Canada) and a Faculty appointment at the University of Otago (NZ). Phil is at the forefront of human integrative physiology in the area of cerebrovascular physiology. He has published >170 peer-reviewed manuscripts in high impact basic science and clinical journals (H index>35), >15 major book chapters, and one book.

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