

The University of Hong Kong Department of Psychology

Departmental Seminar

The Developing Visual Brain: Typical and Atypical Development in Infants and Children with Developmental Disorders

Date: December 8, 2011 (Thursday)
Time: 11:30 a.m. to 12:30 p.m.
Venue: Room 624, Knowles Building, HKU
Speaker: Professor Jan Atkinson
Emeritus Professor of Psychology and Developmental
Cognitive Neuroscience, University College London;
Visiting Professor, University of Oxford

A neurobiological model of typical visual brain development in infants will be presented including development of the dorsal and ventral streams. Assessing children with developmental disorders such as Williams Syndrome, Autism and children born very preterm, we have identified deficits in the dorsal stream(s) relative to the ventral stream. We will discuss this 'dorsal stream vulnerability' and how it may be linked to deficits of attention in the early years of life.