Introduction to Developmental Cognitive Neuroscience (CHLD0056)

Summary

Developmental cognitive neuroscience provides the scientific knowledge underpinning contemporary paediatric neuropsychology practice. This module introduces the historical, theoretical and methodological foundations of developmental cognitive neuroscience. In order to study the complex multifaceted development of human cognition and its neural underpinnings it is essential that scientists in traditionally distinct fields integrate their methodologies. You will be introduced to the fundamental principles behind a range of methodologies with examples of leading-edge research and its potential clinical implications.

The content of this module is delivered in accordance with the British Psychological Society 2019 Clinical Neuropsychology Standards for Accreditation (Paediatric Programmes).

Learning Objectives and Outcomes

After taking this module, you should be able to:

1. Understand how the integration of different neuroscience techniques led to the development of a multidisciplinary approach known as developmental cognitive neuroscience
2. Understand the fundamental principles behind a range of cognitive neuroscience methodologies and their potential implications for clinical paediatric neuropsychology work
3. Demonstrate a detailed understanding of human neuroanatomy

Who is this module for?

This is a core module for the MSc/PG Diploma Paediatric Neuropsychology Programme.

Teaching and Learning Methods

Key information

- **Year**: 2020/21
- **Credit value**: 15 (150 study hours)
- **Delivery**: PGT L7, Campus-based
- **Reading List**: View on UCL website
- **Tutor**: Prof Torsten Baldeweg
- **Term**: Term 1
- **Timetable**: View on UCL website

Assessment

For more information about the department, programmes, relevant open days and to browse other modules, visit [ucl.ac.uk](http://ucl.ac.uk)

Disclaimer: All information correct as of March 2020. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.
Teaching is delivered face-to-face over five full time days, alongside independent learning through readings and tutorials, discussion, and/or seminar sessions.

**Assessment**

You will be assessed by a 90 min exam, in which the questions may be multiple choice, selecting an answer from drop-down options, or short-answer (i.e., one or two words).

**Selected Reading List**