Advanced Developmental Cognitive Neuroscience (CHLD0050)

Description

Summary
This module builds on the module called ‘Introduction to Developmental Cognitive Neuroscience’ and develops a more in-depth understanding of some of the methods and approaches used within developmental cognitive neuroscience with their clinical implications. Different paradigms and techniques are described such as neuroimaging, electrophysiology, experimental cognitive neuropsychology, and molecular genetic engineering. The combination of such techniques to further our understanding of developing brain-behaviour interactions is illustrated through reviews of contemporary research.

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 will be able to:

1. Develop an in-depth understanding of the current techniques that are most relevant to advancing contemporary clinical research within paediatric neuropsychology. Leading edge techniques will involve the combination of advances within the fields of neuroimaging, electrophysiology, experimental cognitive neuropsychology and behavioural studies of animals following lesions or genetic manipulation.

2. Critically evaluate the application of such techniques to inform clinical practice.

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

Teaching and Learning Methods

Key information

<table>
<thead>
<tr>
<th>Year</th>
<th>2020/21</th>
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<tbody>
<tr>
<td>Credit value</td>
<td>15 (150 study hours)</td>
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<tr>
<td>Delivery</td>
<td>PGT L7, Campus-based</td>
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<tr>
<td>Reading List</td>
<td><a href="https://www.ucl.ac.uk">View on UCL website</a></td>
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<tr>
<td>Tutor</td>
<td>Prof Torsten Baldeweg</td>
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<td>Term</td>
<td>Term 3</td>
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<tr>
<td>Timetable</td>
<td><a href="https://www.ucl.ac.uk">View on UCL website</a></td>
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Assessment

- Written examination (departmentally managed): 100.0%

Find out more

For more information about the department, programmes, relevant open days and to browse other modules, visit [ucl.ac.uk](https://www.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
The assessment for this module is a 90 minute unseen examination. You will be required to answer a mix of questions requiring short answers and multiple-choice questions.

Selected Reading List
This module's reading list is updated annually and is based on current journal articles.