Job Title:	Research Associate in Computational Cognitive Neuroscience
UCL Division:	Psychology and Language Sciences
Sub Department:	Experimental Psychology
Grade:	7
Hours:	36.5
Salary:	£34,635- £41,864 per annum (inclusive of London allowance)
Reports to:	Professor Bradley C. Love

Duties and Responsibilities

Applications are invited for the post of Research Associate in Computational Cognitive Neuroscience in Prof Love's laboratory (http://bradlove.org/) in the Research Department of Experimental Psychology at UCL. The lab also has links with the Alan Turing Institute, the UK's national centre for data science and AI.

The lab is currently focused on developing computational models of cognitive processes and evaluating them using brain imaging and single unit recording data. Candidates can come at this challenge from the computational side or from the neuroscience and psychological side. We will guide you and provide training to help you succeed from whichever side you originate.

Many projects involve working with large real-world data sources, such as ImageNet, video, and consumer behaviour. Candidates should be interested in linking (at an abstract, functional level) formal models, behaviour, and the brain. Coming from either side, the candidate should be interested in working with models and human data. The candidate should have an interest (if not experience) in linking aspects of formal models with brain data, as well as working with large real-world data sources. One push now is making deep learning models more human-like in their operation, incorporating processes like top-down attention. Standard multivariate neuroimaging analysis techniques will also be relevant.

Key Requirements

The ideal candidate will have PhD in Computer Science, Psychology, or related field with the dissertation work showing expertise either in computational modelling or cognitive neuroscience.

Further Details

A job description and full person specification can be accessed at the bottom of this page. To apply online, please click the "Apply Now" button below. Applications should include a covering letter, personal statement and CV. The post is initially funded for 12 months with possibility of continuation. Informal enquiries can be made to Prof Bradley Love, b.love@ucl.ac.uk, or see bradlove.org. For information about the application process, please contact Ms Sonia Theodoric, s.theodoric@ucl.ac.uk