



Centro de Investigación  
Mente, Cerebro y  
Comportamiento

## **Pre-doctoral research fellowship in attention and perception, deadline March 10, 2014**

10/02/2014

### Noticias Generales

We are looking for at least one young researcher with previous research experience and the potential to develop into a productive and independent scientist. We are particularly interested in outstanding students with a passion for the mind/brain sciences who do not yet have a PhD but who intend to continue in their postgraduate studies at the PhD level.

Applicants must have a degree in cognitive science, psychology, neuroscience, biology, engineering or related fields. Previous experience with programming and analyzing behavioral and/or neuroimaging experiments is preferred.

The successful candidate will take an active part in the various aspects of research, including the designing and running of experiments and the subsequent analysis of behavioral and neuroimaging data. The position would be for 12 months initially with the possibility of renewal.

### Project description

Given the critical importance of selective attention in everyday life for guiding our perceptions, actions, thoughts and memories, characterizing the brain mechanisms of attention is a major goal in mind/brain sciences. Understanding brain mechanisms for attention also has numerous applications, especially with regard to disorders of attention. Of particular interest for this project is the way attention is used in social situations, under conditions of reward, and in complex tasks such as search for



specific object categories. This project involves behavioral and potentially neuroimaging (fMRI, MEG, EEG) studies of the mechanisms of attention and shared attention in normal and clinical (ASD, addiction) populations. This position is part of a larger grant from the Province of Trento with our partners Massachusetts General Hospital, the Italian Institute of Technology and the Bruno Kessler Foundation.

Co-investigators on this project include: David Melcher, Jim Haxby, Clayton Hickey, Jorge Jovicich, Marius Peelen, and Wieske Van Zoest.

#### Application process

Application materials are available online at this address:

English: [http://www.unitn.it/files/download/33756/call\\_5\\_2014\\_cimec.pdf](http://www.unitn.it/files/download/33756/call_5_2014_cimec.pdf)

Italian: [http://www.unitn.it/files/download/33755/bando\\_5\\_2014\\_cimec.pdf](http://www.unitn.it/files/download/33755/bando_5_2014_cimec.pdf)

The deadline is March 10, 2014. The application will include a CV, completed application form, list of publications and qualifications, proof of degree documents, motivation letter, photocopy of an ID and up to 2 letters of reference. We expect that there will be a second stage of interviews (available also via Skype or telephone).

#### Further information

If you have questions, please contact: David Melcher (scientific questions) - david.melcher AT unitn.it Kaela Venuto (administrative questions regarding the application process) - kaela.venuto AT unitn.it