



## Description of the post doc position

The candidate will work in Mathematics Cognition at the Area of Neuroscience and Cognition of the Center for Advanced Research in Education (CIAE) of the Universidad de Chile; hence he/she is expected to conduct cognitive/neurocognitive research in topics relevant to Mathematics Education, and to collaborate actively with researchers of the Area.

CIAE is located in the city of Santiago, the capital of Chile.

### Requirements:

- PhD degree in Psychology, Neuroscience, Educational Sciences, or a related discipline, obtained not before 2012.
- Relevant scientific publications.
- Strong teamwork and communication skills.
- Experience with interdisciplinary cooperation is highly desirable.
- Partial knowledge of Spanish is desirable, although not required.

### Research proposal:

The candidate must present a brief research proposal (up to 8 pages) to be performed within the existing lines of research of the Area. The proposal must describe the aim of the research, methodology, resources needed for its execution, and its contribution to Education.

### Documents needed for the application

- Curriculum vitae, including publication list
- A letter stating reasons for applying (up to 2 pages)
- At least two recent reference letters, focusing on the candidate's academic work and research skills as well as experience in working collaboratively

### Information about the position

- The candidate will be expected to be fully dedicated to research in an active research-oriented environment, with no teaching duties
- Expected duration
  - One year (renewable for a second year)
  - Preference will be given to candidates available for a longer-term commitment (e.g. willing to apply for external funding to continue their work at CIAE)
- Financial information



- Monthly salary: 1,800,000 Chilean pesos (before taxes; approx. 3,000 US dollars)<sup>1</sup>
- Flight ticket (round trip) to Santiago, Chile will be covered
- Financial support for research is available through internal small grant applications

**CIAE's Lab is equipped with:**

- Booths for conducting computer-based behavioral experiments
- Software for data collection: E-Prime 2.0, EventIDE, OpenSesame
- A Tobii T120 eye tracker
- An EGI Net Amps 300 electroencephalography system, with 64-electrode nets (adult size)

For further information, please contact Prof. Pablo Dartnell at [dartnell@ciae.uchile.cl](mailto:dartnell@ciae.uchile.cl).

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<sup>1</sup> As a reference, renting a furnished apartment nearby CIAE costs about 800 US dollars per month.