

## **LIFESPAN and PLASTICITY**

### **Postdoctoral position (stipend-based) in “Lifespan Development and Brain Plasticity” at Berlin School of Mind and Brain, Humboldt-Universität zu Berlin**

A postdoctoral position (stipend-based) in the area “Lifespan Development and Brain Plasticity” is available immediately at the Berlin School of Mind and Brain.

Our research focus:

From childhood to old age, the human brain regulates behavior that brings about and adjusts to changes in the environment. With tools such as functional and structural magnetic resonance imaging, transcranial magnetic stimulation, and EEG, it has become possible to assess such brain-behavior-environment transactions under experimentally controlled conditions.

Moreover, noninvasive techniques like transcranial direct current stimulation and oscillatory brain stimulation, and directed lifestyle changes including physical activity and nutrition may beneficially modulate such transactions. We are particularly interested in candidates who wish to explore spontaneous and induced changes in cognitive abilities or emotions using advanced neuroimaging methods.

The successful candidate will have strong quantitative skills and be knowledgeable about cognitive neuroscience in at least one of the imaging modalities described above. She/he will become a member of the Berlin School of Mind and Brain at Humboldt-Universität zu Berlin. She/he will be part of a postdoctoral program that offers networking opportunities, supervision training, teaching portfolio development, mentoring, and other career development measures.

The position will be available for two years. Further information on the postdoctoral program and on the terms and conditions of the position is available at: [www.mind-and-brain.de/postdoctoral-program/jobs](http://www.mind-and-brain.de/postdoctoral-program/jobs)

Research and training at the Berlin School of Mind and Brain focuses on the interface between the humanities and the neurosciences. The school is situated in lively part of central Berlin. More information about the school and its research environment can be found on the website ([www.mind-and-brain.de](http://www.mind-and-brain.de)).

Requirements:

- a PhD./doctorate in e.g. psychology, medicine, cognitive (neuro-)science, neurobiology (or any other relevant field)
- solid background in statistics, experience with one neuroimaging method, or both
- publications in international journals,
- excellent skills in written and spoken English,
- strong motivation

Applications should include: (1) a cover letter quoting the code number MB/PD/4 and describing the candidate’s motivation, research experience, interests, and plans; (2) a curriculum vitae; (3) up to five reprints; and (4) two letters of recommendation. The method of submission is a single PDF file for the cover letter and CV, plus separate PDF copies of the reprints. The applications

(subject line: "MB/PD/4") should be e-mailed to: (Ms) Anahit Babayan, babayan@cbs.mpg.de. Letters of recommendation and questions (subject line: "MB/PD/4") can be e-mailed to the same address.

Please check the website for interview dates (video/skype) for this position: [www.mind-and-brain.de/postdoctoral-program/jobs](http://www.mind-and-brain.de/postdoctoral-program/jobs)

Published on 11 February 2013. Applications received within four weeks after publication will be assured full consideration.