

## ANNOUNCEMENT OF POSTDOCTORAL FELLOWSHIP

In: Clinical Neuroscience And Cognitive Neuroimaging

Brain Development And Psychosis Lab, National Magnetic Resonance Research Center (UMRAM) & Aysel Sabuncu Brain Research Centre (ASBAM) & Department of Psychology, Bilkent University, Turkey.

Brain Development And Psychosis Lab, is pleased to announce the opening of a postdoctoral fellowship position in clinical neuroscience and cognitive neuroimaging. Located within the National Magnetic Resonance Research Center (UMRAM) & Aysel Sabuncu Brain Research Centre (ASBAM), the Brain Development And Psychosis Lab conducts research across adolescent brain development and psychosis. The primary mission of the lab is to understand the cognitive, neurobiological, and genetic mechanisms that influence an individual's susceptibility to develop psychosis (mainly schizophrenia).

We are seeking a candidate with experience in experimental design and neuroimaging methodology (e.g., functional, structural, diffusion MRI). A Ph.D. in cognitive science, neuroscience, engineering or related field is required. Experience in computational methods used in neuroimaging and psychophysiology (e.g., Matlab, Python, UNIX, LINUX, AFNI, FSL, SPM, Freesurfer) and computer programming is particularly desirable. Advanced skill in experimental design, quantitative methods, statistical modeling, and the ability to carry out independent statistical analyses using standard software packages (e.g., SPSS, SAS, R) are desirable. The successful candidate will have demonstrated academic productivity in the form of peer reviewed scientific publications.

Candidates must be highly motivated to develop expertise in applying cognitive science and neuroimaging methods to problems in brain development research and neuropsychiatric disease research. The candidate will have the opportunity to analyze and interpret multi-modal MRI data from an ongoing project on brain development, which aims to provide neurobiological insights into the genetic and environmental mechanisms of risk around the time of life when psychotic symptoms typically appear. The project is funded by The Scientific And Technological Research Council Of Turkey (TUBITAK). Postdoctoral fellows will receive one on one mentoring in clinical/human research methodology and work in a collaborative, multi-disciplinary environment to gain experience in adolescence-and-psychosis-centered research.

The postdoctoral fellowship position is for 18 months, renewable subject to securing further funding. Please email a CV and cover letter to Prof. Dr. Timothea Toulopoulou (ttoulopoulou@bilkent.edu.tr).

Bilkent was recently ranked #28 in the world by the Times Higher Education among universities under 50 years old. The language of instruction is English. The Psychology Department and the Interdisciplinary Graduate Program in Neuroscience offer Master's and PhD programs. For 5 consecutive years, each newly admitted Psychology major has scored in the top 5% or higher on the national university entrance exam. The Psychology Department has newly renovated research laboratories, and UMRAM has state-of-the-art facilities, which include a 3 Tesla MR scanner, animal research center, and EEG equipment.

Bilkent is located in Ankara, Turkey's metropolitan capital with daily direct flights to Istanbul and other major European cities.