

PSYCHOLOGY DEPARTMENT
METHODOLOGY AND DATA ANALYSIS

<http://www.unige.ch/fapse/mad/>

The Methodology and Data Analysis Unit in the Department of Psychology at the University of Geneva (Switzerland) seeks applicants for

**1 Advanced Postdoc / Research Associate
in Multivariate Modeling in Cognitive Aging**

This is a full-time 1-year position (renewable). Salary is CHF 81'347 / 92'832.- (Swiss Francs) per year or more (pending past experience), starting summer 2019.

The position is part of the Lifebrain project (<https://www.lifebrain.uio.no/>), a Horizon 2020 project funded by the European Union until the end of 2021. The major goal of Lifebrain is to identify determinants of brain, cognitive, and mental health from early childhood to old age, and to establish a solid knowledge base for understanding how these different aspects of health can be improved at all age periods. Lifebrain integrates data from over 6'000 European research participants assessed in 11 European panel studies distributed over 7 countries.

The successful applicant is expected to take an active part in the creation and refinement of longitudinal statistical tools allowing to tackle challenges associated with the multivariate modeling of multi-site longitudinal data spanning a wide age range. For further details, see <https://doi.org/10.1016/j.eurpsy.2017.12.006>.

Expertise in advanced quantitative data analysis is required. In particular, we expect proficiency in the use of linear and non-linear mixed models and latent variable modeling of longitudinal data, and survival analysis. Prior experience in the use of recursive partitioning trees and random-forests techniques or related techniques is desirable but not required. We also expect prior knowledge or general interest in theories of lifespan psychology and cognitive aging.

The position is a research-only position and comes with no teaching requirements. Candidates must (a) have a PhD in psychology, statistics, or related disciplines and (b) be fluent in English (spoken and written). Knowledge of French is desirable but not necessary. Knowledge of specialized statistical software is required (preferably, in more than one of these: R, SAS, or Mplus).

The University of Geneva offers an excellent research infrastructure and is located in one of the top-rated cities in the world with respect to quality of life. Geneva enjoys a pleasant climate and the idyllic scenery on its lake at the foothills of the French and Swiss Alps, is located near the center of Europe, and is internationally well-connected via its airport.

Applications (consisting of a cover letter in English describing your research interest and suitability for the position, a curriculum vitae, copy of Master and PhD diploma, two relevant publications, and two letters of recommendation) should be sent as a single PDF file, with your last and first names as the file name (e.g., DoeJohn.pdf), to Sandrine Amstutz (sandrine.amstutz@unige.ch) by June 1st 2019. Review of applications will continue until the position is filled.

For further inquiries about the position please contact Paolo Ghisletta (paolo.ghisletta@unige.ch), major Lifebrain collaborator at the University of Geneva.