

## Adjoint-e scientifique 3

Administrative & technical staff (100%)

Location:	Brain & Behaviour Laboratory Centre Médical Universitaire Campus Biotech
Starting date:	01.01.2024
Duration:	Contract for an indefinite period (CDI)

### Introduction and Background

The Brain and Behavior Laboratory is a multidisciplinary laboratory platform allowing researchers to study mental functions - such as emotions, attention or memory – at both the cerebral and behavioral levels. It also supports clinical research studies on dysfunctions due to neurological or psychiatric diseases. The BBL is located in the Faculty of Medicine at the University of Geneva, and is managed by the Swiss Center for Affective Sciences. The BBL operates a 3T MRI scanner dedicated to brain research that is affiliated with the Center for Biomedical Imaging.

The post-holder will be hired at the Swiss Center for Affective Sciences, a Center of the University of Geneva which includes research groups that come from a wide range of disciplines, enabling a unique multidisciplinary approach to the study of emotions. Neuroscientists, philosophers, psychologists, computer scientists, economists, and scholars from literature, the arts, and humanities work together with the common objective of understanding emotions and their roles in cognition and behavior. The Center also develops methodologies and tools to study the neural, psychological, bodily and social underpinnings of emotion.

### Description and Objectives

We are seeking an MR physicist with technical training and extensive experience in magnetic resonance imaging, including but not limited to functional MRI. Knowledge in diffusion and other imaging modalities is also desirable. The successful candidate will be responsible for managing and supervising a 3T MRI facility fully dedicated to neuroscience research and particularly cognitive brain imaging, which constitutes an integral part of the Brain and Behavior Laboratory (<https://bbl.unige.ch/>) at the University of Geneva (UNIGE). Responsibilities include oversight of technical operations and maintenance of the scanner to guarantee the smooth running of the MRI platform; ensuring interfaces with various equipment for use in neuroscience research and enforcing safety policies; bringing solutions for hardware compatibility or design appropriate to research in the MR environment; support to researchers for scientific activities and student training; data management; as well as MRI protocol optimization. The post-holder will directly supervise a radiology technician in charge of day-to-day acquisitions and planning, and have close interactions with other staff in the laboratory in charge of informatics and general lab management.

The current position is opened at the Swiss Center for Affective Sciences at the University of Geneva, and the post-holder will be a core member of the CIBM Center for Biomedical Imaging.

The post-holder will also be strongly involved in the organization of the 7T MRI located at Campus Biotech Geneva and will be a member of the 7T MRI Operational Team.

The post-holder will have opportunities to develop independent scientific research depending on personal interest and skills, in addition to intense collaborations on various short-term or long-term projects with

research groups working in basic and clinical neuroscience, cognitive psychology, EEG, or computer sciences, from various departments and faculties. Close interactions are expected with other imaging facilities part of the CIBM, and the Campus Biotech of Geneva.

## Description

Contract planned for unlimited duration (CDI).

The salary will be commensurate with the candidate's qualifications, in accordance with the Canton of Geneva's regulations for public employees (maximum salary grade: 21; [see here](#)).

Find here a detailed description of the position and responsibilities "[Cahier des charges](#)"

## Application Documents

The application must include the following information:

- Detailed curriculum vitae
- Motivation statement
- Any representative publications
- A short description of independent research interests (max 1 page)
- At least 2 reference letters
- Copy of highest diploma

### How to apply

Applications must be submitted exclusively online on the UNIGE website by clicking on the link "[Apply/Apply now](#)" before 10.11.2023 (11:59 p.m. Geneva time). Review of applications will begin immediately and continue until the position is filled.

Requests for further information should be addressed by email to Professor Patrik Vuilleumier ([Patrik.Vuilleumier@unige.ch](mailto:Patrik.Vuilleumier@unige.ch))

APPLICATIONS SENT BY EMAIL WILL NOT BE TAKEN INTO ACCOUNT

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## About CIBM

The CIBM Center for Biomedical Imaging was founded in 2004 and is the result of a major research and teaching initiative of the partners in the Science-Vie-Société (SVS) project between the Ecole Polytechnique Fédérale de Lausanne (EPFL), the Université de Lausanne (UNIL), Université de Genève (UNIGE), the Hôpitaux Universitaires de Genève (HUG) and the Centre Hospitalier Universitaire Vaudois (CHUV), with the generous support from the Fondation Leenaards and Fondation Louis-Jeantet.

CIBM brings together highly qualified, diverse, complementary and multidisciplinary groups of people with common interest in biomedical imaging.

**We welcome you in joining the CIBM Community.**