

## **PhD position at the Coma Science Group**

The GIGA-Consciousness headed by Pr. Steven Laureys, and the Coma Science Group, headed by Drs Olivia Gosseries and Aurore Thibaut, invite applications for a PhD position (fully funded for 4 years, including 1 year probation period). The candidate will be based at the Coma Science Group - GIGA, University of Liège, Belgium. Positions will be available starting from March 2021.

The candidate will work on non-invasive brain stimulation with patients with disorders of consciousness (coma, vegetative/unresponsive state, minimally conscious state, locked-in syndrome) and with different behavioral and EEG tools aimed at advancing our understanding of consciousness recovery after coma.

**The appointed researcher will mainly work with 2 techniques** to promote the recovery of patients with disorders of consciousness: repeated transcranial magnetic stimulation and vagal nerve stimulation to assess top-down and bottom-up processes respectively.

### **Required diploma**

- Successfully or nearly finished MSc or equivalent graduate degrees in Psychology, Neuroscience, Biomedical Science, Physical Therapy, or a closely related field. Candidates with excellent grades and a strong interest in conducting research from an interdisciplinary perspective are encouraged to apply.

### **Expected qualifications**

- Highly motivated and strong interest in understanding human consciousness and improving diagnosis, prognosis and treatment of patients with disorders of consciousness.
- Experience in clinics and in neurophysiological techniques is required.
- Demonstrated experience in experimental research is an advantage, as well as good scientific skills and an ability to work with patients with severe brain injuries.
- Ability to work independently at a multidisciplinary level and to engage close internal collaborations.
- Team-working abilities and interpersonal skills.
- Candidates must speak fluent French as well as English. A good knowledge of Flemish/Dutch is an advantage.

### **The application must include**

- Curriculum Vitae
- Copies of educational certificates
- Contact details of 2-3 references
- Two letters of recommendation

Applications can be sent to the following address: [athibaut@uliege.be](mailto:athibaut@uliege.be) or [ogosseries@uliege.be](mailto:ogosseries@uliege.be). All documents should be in English or French. Any questions related to the position can be directed to Aurore Thibaut or Olivia Gosseries.

Deadline to receive application: February 15 2021