Title: Visiting Fellow in Industrial/Product Design

Duration: Six (6) months

Posted on: 12th November 2020

Location: Wyss Center for Bio and Neuro Engineering, Campus Biotech, Geneva Switzerland

About the Wyss Center for Bio and Neuroengineering, Geneva, Switzerland

The Wyss Center is an independent, non-profit research and development organization that advances our understanding of the brain to realize therapies and improve lives.

The Wyss Center staff, together with the Center’s academic, clinical and industrial collaborators, pursue innovations and new approaches in neurobiology, neuroimaging and neurotechnology.

Wyss Center advances reveal unique insights into the mechanisms underlying the dynamics of the brain and the treatment of disease to accelerate the development of devices and therapies for unmet medical needs. The Wyss Center was established by a generous donation from the Swiss entrepreneur and philanthropist Hansjörg Wyss in 2014. Additional resources from funding agencies and other sources help the Wyss Center accelerate its mission.

About the Position

The Visiting Fellow in Industrial/Product Design will collaborate with the Wyss Center’s technical team towards the development of wearable brain monitoring devices/systems. More information on the projects can be found here.

The Visiting Fellow will work to integrate social, cultural and environmental aspects in the Center’s design and development process, to improve the physical appearance, functionality and manufacturability of engineering prototypes. The experience will provide the individual with the opportunity to design, create and test components of state-of-the-art medical products, as well as to interact with an interdisciplinary team of scientists, engineers and clinicians. The Visiting Fellow will also work with end users to assess how user experience is enhanced through specific designs or approaches.

Required competence and experience:

– MS or PhD in Industrial Design, Engineering or related discipline; faculty are welcome
– Experience in all phases of industrial design such as interacting with users to determine requirements, sketching out ideas or creation of renderings on paper or computer, creation of physical prototypes, and evaluation of design aspects such as materials, manufacturing, safety, appearance and function
– Experience with drawing, computer-aided design and drafting (CADD) and 3D modeling
– Passionate about user centered design processes
– Experience in wearable systems would be a plus
– Previous practical experience in designing and building devices would be a plus
– Experience with usability tests would be a plus
– Aptitude for innovation, passion for quality
– Results oriented, with urgency and drive
– Good communication and presentation skills
– Fluent in English; French a plus

This position is available immediately

To apply, please send your CV and covering letter describing your qualifications, background and interest in this position to HR@wysscenter.ch no later than 11th December 2020.