



WORK OFFER

Ref. No. KR-2019-UST-007

Employer Information

Employer: UST (KIST-Korea Institute of Science & Technology)
 Seoul
 Seoul
 Korea, South

Website:
 Location of placement: Seoul
 Nearest airport:
 Working hours per week: 40.0
 Working hours per day: 8.0

Number of employees: 908
Business or products: -

Student Required

General Discipline: 40B-PHYSICS
 Other

Completed years of study: 3

Field of Study: physics, neural engineering, medical sciences

Language required: English Excellent

Required Knowledge and Experiences:

Other requirements:

Work Offered

Division of Bio-Medical
 Science & Technology

(Introduction of Laboratory)
 The Laboratory for Computational Cognitive & Systems Neuroscience investigates mechanisms underlying the activities of neuronal circuits in correlation with cognitive brain states. We are particularly interested in the emergence, development, and termination of collective behaviors across the various scales of neuronal organization, from individual neurons to functional ensembles. We combine theoretical tools such as nonlinear dynamics and statistical analysis to experimentally obtained multi-modal brain signals. In addition to conventional multi-unit and local field recordings, we emphasize the use of functional brain mapping techniques that allow us to monitor the regional activities in large area simultaneously. We use transgenic mouse model to correlate the molecular and cellular perturbation to large scale dynamics. (Internship Field)
 The fields will be determined upon the interests and educational backgrounds of the candidates.
 Programming skills including Matlab or Python are required.

Number of weeks offered: 8 - 8

Working environment: Research and development

Within the months: 01-JUL-2019 - 25-AUG-2019

Gross pay: 900,000 KRW / Month

Or within: -

Deduction to be expected: TBD

Holidays: -

Payment method / frequency: /

Accommodation

Canteen at work: Yes

Expected type of accommodation: Student dormitory

Estimated cost of lodging: 300,000 KRW / Month

Accommodation will be arranged by: UST (KIST-Korea Institute of Science & Technology)

Estimated cost of living incl. lodging: 900,000 KRW / Month

Additional Information

*Within the months: July 1, 2019 – August 23, 2019
 *Gross pay: 1,200,000 KRW / month (Master student)

*Website: <https://www.ust.ac.kr/eng.do>
https://eng.kist.re.kr/kist_eng/main/
 Computational Cognitive & Systems Neuroscience
<https://sites.google.com/site/jeelabhomepage/>

Nomination Information

Deadline for nomination: 15-MAR-2019

Please send nominations by Exchange Platform

Date: 16-FEB-2019

On behalf of receiving country: Moojin Kim