

2019 Summer Research Internship at Tohoku University Vision Lab

- **Date***: July 1 – August 9, 2019 (*start date can be flexible)
- **Location**: RIEC, Tohoku University, Sendai Japan
- **Descriptions**:

We are looking for international students to join our international collaboration projects as research intern students. Admitted students will receive training at a full-time capacity (i.e. 8 hours a day) to assist in psychophysical and electrophysiological projects from staff members in vision lab at Tohoku University. The program will be conducted in English, and it may include activities from all stages of research, e.g. literature search, stimuli preparation, data collection, analysis, and presentation.

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- **Qualifications:**

We welcome applications from undergraduate and graduate students majored in psychology, cognitive sciences, computer science, neuroscience, or engineering. Prior research experience and programming abilities will be a plus.

- **Funding:**

Applicants need to cover their own flight, lodging, and visa applications. Travel supports may be available for outstanding candidates.

Research Projects

- **Social Communication in Contagious Yawning:**

We examine the “social communication theory on contagious yawning” via eye-tracking, EEG, and cross-cultural methods. The research team includes Japan, Hong Kong, USA, and Taiwan.

- **Interpersonal Understanding in Joint Improvisation:**

We use motion tracker systems to analyze the high-level understanding across performers and spectators in performances. The research team includes Japan, France, Taiwan, and Finland.

- **Motion synchrony in immersive virtual reality (IVR):**

By combining the technology of IVR and haptic feedback from vibrotactile actuators, we investigate the social benefits from walking step synchrony. The research team includes Japan, Italy, and Mexico.

Application Details

- Important Dates:

April 21: application deadline

April 22-30: Interview

May 3: Decision Announcement

Applicants please send (1) your CV including your education training background, available skills, and prior research record (if any) & (2) your motivation and other supporting information by April 21 to:

Dr. Chia-huei Tseng (tseng@riec.tohoku.ac.jp)

More Information

- Enquiries please contact

Dr. Chia-huei Tseng (tseng@riec.tohoku.ac.jp)

RIEC, Tohoku University

<http://www.riec.tohoku.ac.jp/en/>

Tohoku Vision Lab

<http://www.vision.riec.tohoku.ac.jp>