

CURRICULUM VITAE

- Name: Che-Yi Hsu (許哲禕)
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Education

- Ph.D. Candidate (present)
Institute of Cognitive Neuroscience, National Central University
- M.S. Graduate School of Human Sexuality, Shu-Te University,
- B.S. Applied Foreign Language, Diwan University

Research Experiences

- Feb. 2013 – Aug. 2016
Research assistant in Dr. May Chen and Dr. Chi-Hung Juan's lab
Institute of Cognitive Neuroscience, National Central University

Academic Awards

- STU: College of Applied Social Sciences. 2013 thesis competition 3rd position
- MOST Doctoral Dissertation Fellowships of the Humanities and Social Sciences (2024/8/1~2025/7/31)

Publications

1. **Che-Yi Hsu** and Chun-Ming Shih (2013) Explicit and Implicit Measures of Sexual Double Standard of University Students and Their Association. *Shu-Te Online Studies of Humanities and Social Sciences*,9(2), 19-48.
2. Che-chien Chang, **Che-Yi Hsu**, Chun-hao Wang (2018) Neural Correlates of Tennis/Non-athletes Differences in Temporal Preparation: An Event-Related Potential Study. *Physical Education Journal*, 51:1,59-71.
3. Trung Van Nguyen, **Che-Yi Hsu**, Satish Jaiswal, Neil G. Muggleton, Wei-Kuang Liang, Chi-Hung Juan (2021). To Go or Not to Go: Degrees of Dynamic Inhibitory Control Revealed by the Function of Grip Force and Early Electrophysiological Indices. *Frontiers in human neuroscience*, 15, 614978.
4. **Che-Yi Hsu**, Tzu-Ling Liu, Dong-Han Lee, Ding-Ruey Yeh, Yan-Hsun Chen, Wei-Kuang Liang, Chi-Hung Juan (2023). Amplitude modulating frequency

overrides carrier frequency in tACS-induced phosphene percept. *Human brain mapping*, 44(3), 914–926.

5. **Che-Yi Hsu**, Tzu-Ling Liu, Chi-Hung Juan (in press). Oscillatory transcranial electric stimulation and amplitude-modulated frequency dictate the quantitative features of phosphenes. *European Journal of Neuroscience*.

Conference Presentations

1. **Che-Yi Hsu** and Chun-Ming Shih (2013) Explicit and Implicit Measures of Sexual Double Standard. Taiwan Education Research Association, Kaohsiung, Taiwan. (Oral)
2. Nguyen Van Trung, **Che-Yi Hsu**, Wei-Kuang Liang, Neil G. Muggleton and Chi-Hung Juan (2017) In search of point of no return in prepotential action. International Conference on Cognitive Science, Taichung, Taiwan. (Poster)
3. Tzu-Ling Liu, **Che-Yi Hsu**, Yan-Hsun Chen, Ding-Ruey Yeh, Dong-Han Lee, Chi-Hung Juan (2022) Amplitude modulating frequency overrides carrier frequency in tACS-induced phosphene percept. Transcranial Brain Stimulation in Cognitive Neuroscience Workshop, Rovereto, Italy.
4. **Che-Yi Hsu**, Tzu-Ling Liu, Chi-Hung Juan (2024). Characteristics of Oscillatory and Amplitude Modulated tDCS Dictate the Quality of Phosphene Perception. The 3rd Taiwan Society for Neurosciences (TSfN), Taipei, Taiwan. (Poster)