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Contact Information

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Education

- Spring 2019 – Present PhD student in Cognitive Neuroscience
Centre for Cognitive Neuroscience, Paris Lodron University Salzburg
Advisor: Nathan Weisz, Ph.D., Anne Hauswald, Ph.D.
Research topic: Temporal evolution of vocoded speech processing
- Fall 2016 – Spring 2018 Master of Science in Psychology (mainly trained in Cognitive Neuroscience)
Department of Psychology, College of Science, National Taiwan University (NTU)
Advisor: Bo-Cheng Kuo, Ph.D.
Thesis title: Neural correlates for location-shared and feature-bound representations in visual working memory: An MEG study
Overall GPA: 4.13/4.30
- Fall 2006 – Spring 2010 Bachelor of Science in Occupational Therapy
School of Occupational Therapy, College of Medicine, NTU
Overall GPA: 3.85/4.30; Rank: 3/34

Publications

- Journal Article
- **Chen YP**, Schmidt F, Keitel A, Rösch S, Hauswald A, Weisz, N. (2023). Speech intelligibility changes the temporal evolution of neural speech tracking. *NeuroImage*, 119894.
 - Hauswald, A, Keitel, A, **Chen, YP**, Rösch, S, Weisz, N. Degradation levels of continuous speech affect neural speech tracking and alpha power differently. *European Journal of Neuroscience*, 00: 1– 15.
 - Chen FT, **Chen YP**, Schneider S, Kao SC, Huang CM, Chang YK. (2019). Effects of exercise modes on neural processing of working memory in late middle-aged adults: An fMRI study. *Frontiers in Aging Neuroscience*, 11, 224.
 - Fan YT, Fang YW, **Chen YP**, Tzeng OJL, Huang HW, Huang CM. (2018). Aging, cognition, and the brain: Effects of age-related variation in white matter integrity on neuropsychological function. *Aging and Mental Health*, 10, 1-9.
 - Wang HLS, Rau CL, Li YM, **Chen YP**, Yu R. (2015). Disrupted thalamic resting-state functional networks in schizophrenia. *Frontiers in Behavioral Neuroscience*, 9, 45.
 - Wang HL, **Chen YP**, Rau CL, Yu CH. (2014). An interactive wireless communication system for visually impaired people using city bus transport. *International Journal of Environmental Research and Public Health*, 11, 4560-4571.
 - Rau CL, **Chen YP**, Lai JS, Chen SC, Kuo TS, Jaw FS, Luh JJ. (2013). Low-cost tele-assessment system for home-based evaluation of reaching ability following stroke. *Telemedicine and e-Health*, 19, 973-978.
 - Rau CL, **Chen YP**, Lin CY, Liou TH. (2012). [Preliminary Study of Disability Special Medical Clinic Initiative in Taiwan]. *Journal of Disability Research*, 10, 252-264.

Poster and Talk

- **Chen YP.** (2022). How do human beings process degraded speech? **Talk.** Toronto Auditory Research Group (TARG), Toronto, Canada.
- **Chen YP,** Schmidt F, Keitel A, Rösch S, Hauswald A, & Weisz, N. (2022). Speech intelligibility changes the temporal evolution of neural speech tracking. **Poster Presentation.** Society for Neuroscience Annual Meeting (SfN), San Diego, California, USA.
- **Chen YP,** Neff P, Leske S, Wong DDE, Peter N, Obleser J, Kleinjung T, Dimitrijevic A, Dalal S, Weisz N. (2022). Cochlear implantation for single-sided deafness improves speech perception in both CI and non-CI ears: A longitudinal EEG study. **Poster Presentation.** Advances and Perspectives in Auditory Neuroscience (APAN), San Diego, California, USA.
- **Chen YP,** Schmidt F, Keitel A, Rösch S, Hauswald A, Weisz N. (2020) Neural temporal dynamics of continuous degraded speech processing. **Poster Presentation.** Advances and Perspectives in Auditory Neuroscience (APAN), online virtual meeting.
- **Chen YP,** Saiki J, Kuo BC. (2019). Retrospective searching for feature binding of color and letter from within visual working memory representations. **Poster Presentation.** Annual Meeting of the Organization for Human Brain Mapping (OHBM), Rome, Italy.
- **Chen YP & Kuo BC.** (2017). The influences of selection history on working memory: An EEG study. **Poster Presentation.** International Conference for Cognitive Neuroscience (ICON), Amsterdam, Netherlands.
- **Chen YP,** Fang YW, Lin CP, Tzeng OJL, Huang HW, Huang CM. (2016). Age-related and individual differences in the neural correlates of spatial and temporal information in working memory. **Poster Presentation.** Annual Meeting of Cognitive Neuroscience Society (CNS), New York, New York, USA.
- **Chen YP,** Fang YW, Lin CP, Tzeng OJL, Huang HW, Huang CM. (2016). Age-related differences in working memory for order information: An fMRI study. **Poster Presentation.** Annual Meeting of Taiwan Society of Cognitive Neuroscience Society, Taipei, Taiwan.
- **Chen YP,** Fang YW, Lin CP, Tzeng OJL, Huang HW, Huang CM. (2015). The neural correlates of working memory for temporal order information: An fMRI study. **Poster Presentation.** Annual Meeting of Society for Neuroscience (SfN), Chicago, Illinois, USA.
- Wong J, **Chen YP,** Gau SF, Chien YL, VanRullen R, Wu CT. (2013). Atypical visio-temporal processing in Schizophrenia and Autism Spectrum Disorders revealed by the continuous wagon wheel illusion. **Poster Presentation.** Annual Meeting of Vision Science Society (VSS), Naples, Florida, USA.
- **Chen YP,** Chen PC. (2010). Effects of muscle strengthening on activities of daily living in Guillain-Barre syndrome: A single case study. **Talk.** Occupational Therapists Union of the Republic of China Conference, Tainan, Taiwan.