

Liu, Tzu-Ling

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Education

- 2000/09 – 2004/06 B.S., Department of Psychology, National Chengchi University, Taipei, Taiwan
- 2004/09 – 2009/01 M.S., Department of Psychology (Experimental Psychology branch), National Chengchi University, Taipei, Taiwan
- 2011/09 – 2018/06 Ph.D., Institute of Cognitive Neuroscience, National Central University, Taoyuan, Taiwan

Work Experiences

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|-------------|-------------------|---|
| 2004 – 2006 | Student R.A. | Department of Psychology, National Chengchi University, Taipei, Taiwan |
| 2004 – 2008 | Student T.A. | Department of Psychology, National Chengchi University, Taipei, Taiwan |
| 2009 – 2011 | R.A. | Institute of Cognitive Neuroscience, National Central University, Taoyuan, Taiwan |
| 2017– 2018 | Part-time lecture | Department of Applied Psychology, Hsuan Chuang University, Hsinchu, Taiwan |
| 2018 - | Postdoc fellow | Graduate Institute of Mind Brain and Consciousness, Taipei Medical University, Taiwan |

Degree Thesis

Doctoral degree thesis: The effect of emotional encoding context on the memory control processes during encoding and retrieval

Supervisor: Shih-kuen Cheng PhD, Institute of Cognitive Neuroscience, National Central University, Taoyuan, Taiwan.

Master degree thesis: Behavioral and event-related potential studies of emotional effect on recognition memory

Supervisor: Nai-Shing Yen PhD, Department of Psychology, National Chengchi University, Taipei, Taiwan.

Publications

Conference posters

Tzu-Ling Liu, Cheng-Ta Li, Shih-kuen Cheng (2018) "Retrieval orientation for emotional memories in healthy and depressive patients: An ERP study." Taiwan Society of Cognitive Neuroscience Annual Meeting.

Tzu-Ling Liu, Daisy L. Hung, Ovid J.-L. Tzeng, Shih-kuen Cheng (2015) "The emotional context modulates the processing of the mnemonic instructions in intentional forgetting: An ERP study." The 22nd Annual meeting of Cognitive Neuroscience Society.

Tzu-Ling Liu, Yi-Jhong Han, Shih-kuen Cheng, (2014) "An ERP study of the dissociation between recollection- and familiarity-related prestimulus encoding activities" The 21st Annual meeting of Cognitive Neuroscience Society.

Tzu-Ling Liu, Daisy L. Hung, Ovid J.-L. Tzeng, Shih-kuen Cheng, (2011) "The modulation of emotional context on the item-method directed forgetting effect: An ERP study." The 18th Annual meeting of Cognitive Neuroscience Society.

Liu, T. L., Lin, H. Y., (2008) "Emotional context affects recognition accuracy but not ERP memory effect." The 20th Annual Convention of Association for Psychological Science, Association for Psychological Science.

Wang, C. C., Yen, N. S., Liao, K. M., Chen, K. H., **Liu, T. L.**, (2006) "The effects of task difficulty and spatial ability on the Mozart effect." The 18th Annual Convention of Association for Psychological Science, Association for Psychological Science.

Journal article

Liu, T.-L., Lin, S.-D., and Cheng, S. k. (in prep.). The electrophysiological correlates of retrieval orientation in emotional encoding context.

Liu, T.-L., Chen, N.-F., Cheng, S.-k. (2017). Emotional context effect on selective rehearsal, but not attentional inhibition in item-method directed forgetting. *Biological Psychology*, Vol. 123, 15-24. PMID: 27890705 DOI: 10.1016/j.biopsycho.2016.11.012

- Liu, T.-L.**, Han, Y.-J., Cheng, S.-k. (2015) An ERP study of the dissociation between recollection- and familiarity-related prestimulus encoding activities. (2015). *Chinese Journal of Psychology*, Vol. 57, No. 4, 339-352.
- Kuo, Y.-C., Lee, C.-Y., Chen, M.-C., **Liu, T.-L.**, & Cheng, S.-k.* (2014). The impact of spectral resolution on the mismatch response to Mandarin Chinese tones: An ERP study of cochlear implant simulations. *Clinical Neurophysiology*, Vol. 125, 1568-1575.
- Lin, W.-J., Kuo, Y.-C., **Liu, T.-L.**, Y.-J. Han, & Cheng, S.-k.* (2013). Intentional forgetting reduces the semantic processing of to-be-forgotten items: An ERP study of item-method directed forgetting. *Psychophysiology*, Vol. 50, 1120-1132.

Book translation

- Frazzetto, G. (2014). *How We Feel: Understanding What Neuroscience Can and Cannot Tell Us About Our Emotions*. (Lin, C.-H. & Liu, T.-L. Trans). Business Weekly Publications. (Original work published in 2013)

Awards

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| 2006 | Outstanding Academic Thesis, College of Science, National Chengchi University, Taipei, Taiwan |
| 2008 | Outstanding Academic Thesis, College of Science, National Chengchi University, Taipei, Taiwan |
| 2012-2016 | Hsing Tian Kong Culture and Education Foundation: Foster long-term scholarships of gifted students |