

Anya Yu

Brain, Language and Computation Lab
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EDUCATION

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| Ph.D. Cognitive Psychology
Advisor: Dr. Ping Li | Pennsylvania State University | 2016 – Present |
| MSc. Cognitive Neuroscience
Advisor: Dr. Denise Wu
Thesis: <i>Correlations of statistical learning of different implicit transitional probabilities with Chinese literacy acquisition in non-native adult learners</i> | National Central University | 2014 – 2016 |
| BSc. Psychobiology | University of California, Los Angeles | 2009 – 2013 |

PUBLICATION

Tzeng, A., Cherodath, S., Yu, A., Chen, M., Hung, D., Wu, D. (under review) Neuroimaging evidence for sensitivity to orthography-to-phonology conversion in native readers and foreign learners of Chinese. *Journal of Neurolinguistics*.

Zhang, F., Yu, A., Zhao, X., Li, P. (under review) Language History Questionnaire (LHQ 3.0) : an enhanced tool for assessing multilingual experience. *Bilingualism: Language and Cognition*.

CONFERENCE CONTRIBUTION

- Yu, A.,** Schloss, B., Hsu, C., Li, P. (in prep) Individual Differences in Text Comprehension: Results from Resting-State Functional Connectivity. Society of Neurobiology of Language (Quebec City, Canada)
- Yu, A.,** Frost, R., Brice., H., Wu., D. (April, 2016). Sensitivity to regularity of combinatorial visual stimuli correlates with Chinese character recognition. *Cognitive Neuroscience Society*. (New York, NY).
- Yu, A.,** Hsuan, E.-Y., Wu, D. (October, 2015). Characteristics of different visual statistical learning tasks: Evidence from native Taiwanese participants. *Taiwan Psychology Association*. (Taipei, Taiwan).
- Yu, A.,** Wu, D. (June, 2015). Role of statistical learning and continued learning in determining L2 acquisition: Evidence from non-native Chinese learners. *International Conference on Interdisciplinary Advances in Statistical*. (San Sebastian, Spain).
- Yu, A.,** Wu, D. (November, 2015). Bilingual advantage in inhibition control: Evidence from late Chinese-English bilinguals. *The Psychonomic Society*. (Long Beach, CA).

SYPOSIUM TALKS

Yu, A., Wu, D. (January 2016). Feature combination of visual stimuli: Unveiling different aspects of statistical learning. *Taiwan Society of Cognitive Neuroscience* (Taipei, Taiwan).

RESEARCH EXPERIENCE

2017 July – August **Research Assistant**
Pennsylvania State University
Supervisor: Dr. Ping Li

2013 – 2014 **Research Assistant**
National Central University
Supervisor: Dr. Denise Wu

- Investigated relationships between bilingualism and executive function in healthy young adults via the number Stroop task.

TEACHING EXPERIENCE

2016 – present **Teaching assistantship** Pennsylvania State University

- PSYCH 261 Learning and Behavior
- PSYCH 268 Animal Minds
- PSYCH 426 Language and Thought
- PSYCH 452 Learning and Memory
- PSYCH 456 Advanced Cognitive Psychology
- PSYCH 260 Abnormal Psychology
- PSYCH 105 Psychology as a Science and Profession

2013 – 2016 **Teaching assistantship** National Central University

- NS5001 Cognitive Psychology
- NS5011 Special Topics in Cognitive Neuroscience: Seminar

SKILLS

Experimental: Basic principles and experiment design of **fMRI** studies
MRI: GLM with **SPM 12**, regions of interest analysis with **Marsbar**

Programming: **Matlab:** beginner
 Python: beginner
 R: intermediate
 SPSS: intermediate

Languages **Mandarin:** native
 English: native
 Korean: proficient
 French: beginner