
MONICA YIN-CHEN LI

DEPARTMENT OF PSYCHOLOGICAL SCIENCES, UNIVERSITY OF CONNECTICUT
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EDUCATION

- 2014 – Present **PhD in Psychological Sciences - Perception, Action, Cognition: Language and Cognition**
University of Connecticut, Storrs, Connecticut, USA
- Advisor: Dr. James S. Magnuson
 - Qualifying Exam: “*Feedback Mechanisms in Spoken Word Recognition*” & “*Understanding the Hierarchy of Language Processes Through Cross-Frequency Coupling in Neural Oscillation*”
 - Committee: James S. Magnuson, Emily B. Myers, Whitney Tabor
 - Master’s Thesis: “*Subphonemic Sensitivity in Low Literacy Adults*”
 - Committee: James S. Magnuson, Gerry T.M. Altmann, David Braze, Whitney Tabor
- 2011 – 2013 **MS in Cognitive Neuroscience**
National Central University, Zhongli, Taiwan
- Advisor: Dr. Denise H. Wu
 - Thesis: “*Behavioral and fMRI investigations on the effects of phonological and visual similarity of English words on short-term memory in unbalanced Chinese-English bilinguals*”
 - Committee: Denise H. Wu, Angela K.Y. Tzeng, Wen-Jui Kuo, Chun-Yu Lin
- 2007 – 2011 **BS in Occupational Therapy**
National Cheng Kung University, Tainan, Taiwan

AWARDS AND HONORS

- 2017 – 2019 **IBACS-BIRC Research Assistantship in Neuroimaging**
- 2016 **Doctoral Student Travel Award, The Graduate School, University of Connecticut**
- 2014 – Present **Full Graduate Assistantship and Tuition Waiver, University of Connecticut**
- 2013 **Best Thesis Award, Taiwanese Psychological Association**
- 2013 **Honorary Member, The Phi Tau Phi Scholastic Honor Society of the Republic of China**
- 2013 **Excellent Student Scholarship, National Central University**
- 2012 **Funding for Participation of Domestic Graduate Students in International Academic Conferences, National Science Council, Taiwan; Grant #: NSC-101-2922-I-008-166**
- 2012 **Funding for Academic Exchange of Graduate Students, Office of International Affairs, National Central University, Taiwan**

PUBLICATIONS

- Li, M. Y.C., Braze, D., Kukona, A., Johns, C. L., Tabor, W., Van Dyke, J. A., ... Magnuson, J. S. (2019). Individual differences in subphonemic sensitivity and phonological skills. *Journal of Memory and Language*, 107, 195-215. doi: [10.1016/j.jml.2019.03.008](https://doi.org/10.1016/j.jml.2019.03.008)
- Magnuson, J. S., You, H., Nam, H., Allopenna, P. D., Brown, K., Escabi, M., Theodore, R. M., Luthra, S., Li, M. Y.C., & Rueckl, J. (2018) EARSHOT: A minimal neural network model of incremental human speech recognition. Manuscript submitted for publication. doi: [10.31234/osf.io/h7a4n](https://doi.org/10.31234/osf.io/h7a4n)
- Li, M. Y.C. (2018). *Feedback Mechanisms in Spoken Word Recognition*. Manuscript in preparation.
- Li, M. Y.C. (2018). *Understanding the Hierarchy of Language Processes Through Cross-Frequency Coupling in Neural Oscillation*. Manuscript in preparation.

PRESENTATIONS

- Li, M. Y.C., You, H., Luthra, S., Steiner, R., & Magnuson, J. S. (2018, November). Predictive Processing in Computational Models of Spoken Word Recognition. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA, USA.
- Gow, D. W., Li, M. Y.C., & Magnuson, J. S. (2018, November). The Consolations of Clumpiness: How Top-Down Lexical Influences Explain a Paradox in the Structure of Lexical Perceptual Space. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA, USA.
- Li, M. Y.C., Braze, D., Kukona, A., Shankweiler, D. P., Tabor, W., Van Dyke, J. A., Mencl, W. E., Johns, C. L., Pugh, K. R., & Magnuson, J. S. (2017, November). Individual Differences in Subphonemic Sensitivity and Reading Ability. Poster presented at the 9th Annual Meeting of the Society for the Neurobiology of Language, Washington, DC, USA.
- Li, M. Y.C., Martino, A. D., Stevens, M. C., Fein, D. A., & Eigsti, I. (2016, August). Language Comprehension and Functional Connectivity in Individuals with Optimal Outcome from Autism Spectrum Disorder. Poster presented at the 8th Annual Meeting of the Society for the Neurobiology of Language, London, UK.
- Li, M. Y.C. (2015, April). Current views on neural plasticity in bilingual phonology acquisition. Oral presentation at the UConn-UMass-Smith Language Acquisition Workshop, Storrs, CT, USA.
- Li, M. Y.C., Tzeng, O. J.-L., Hung, D. L., & Wu, D. H. (2014, April). The neuronal laterality of the phonological and visual similarity effects in probed serial recognition in Chinese-English bilinguals. Poster presented at the 21st Annual Meeting of the Cognitive Neuroscience Society, Boston, MA, USA.
- Li, M. Y.C., Tzeng, O. J.-L., Hung, D. L., & Wu, D. H. (2014, January). Functional MRI investigation of the effects of phonological and visual similarity of English words on short-term memory in unbalanced Chinese-English bilinguals. Poster presented at the 2nd Annual Meeting of the Taiwan Society of Cognitive Neuroscience, Zhongli City, Taoyuan County, Taiwan.

- Li, M. Y.C.**, Hung, D. L., Tzeng, O. J.-L., & Wu, D. H., (2013, October). Improving the Chinese Version of the Multilingual Naming Task. Poster presented at the 52nd Annual Meeting of Taiwanese Psychological Association, Taipei, Taiwan.
- Li, M. Y.C.**, Lin, E. Y.-C., Tzeng, O. J.-L., Hung, D. L., & Wu, D. H. (2012, November). The effects of phonological and visual similarity of English words on short-term memory in unbalanced Chinese-English bilinguals. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN, USA.

RESEARCH EXPERIENCE

- 2017 – 2019 **Research Assistant in Neuroimaging**
The Connecticut Institute for the Brain and Cognitive Sciences
Brain Imaging Research Center, University of Connecticut
- Assist faculty and graduate students conducting neuroimaging studies with experimental designs and analyses
- 2014 – Present **Research Assistant**
Computational Cognitive Neuroscience of Language Lab
Department of Psychological Sciences, University of Connecticut
- Conduct and analyze behavioral, eye-tracking, and fMRI studies; program for experiments; train undergraduate research assistants
- 2011 – 2014 **Research Assistant**
Concept and Language Lab
Institute of Cognitive Neuroscience, National Central University
- Conduct and analyze fMRI and behavioral studies; program for experiments; write research articles; train junior research assistants; organize talks and conferences

TEACHING EXPERIENCE

- Fall 2014 – **Teaching Assistant**, *Department of Psychological Sciences, University of Connecticut*
- Spring 2016 • Course: General Psychology I; Cognitive Psychology
- Teach lab sections or selective lectures; hold office tutoring hours; prepare and grade assignments and exams
- Fall 2011 – **Teaching Assistant**, *Institute of Cognitive Neuroscience, National Central University*
- Fall 2012 • Courses: General Psychology; The Learning Brain; Advanced Seminar
- Organize talks and lectures; grade assignments and exams

RESEARCH SKILLS

- **Statistical Analysis: SPSS, R**
- **Programming: Python, Matlab, Linux** shell languages
- **fMRI:** Analyze data using Analysis of Functional NeuroImages (**AFNI**) and Statistical Parametric Mapping (**SPM8**); operate **Siemens MRI Scanner MAGNETOM Prisma**
- **Eye-tracking:** operate the **Eyelink 1000 Plus Eye Tracker**; program experiments using Python along with the **pylink** module; analyze data using **Data Viewer** (SR Research) and **R**
- **Languages: Mandarin Chinese** (native) & **English** (fluent - IELTS: 7.5 out of 9)

PROFESSIONAL ACTIVITIES & AFFILIATIONS

Spring 2017 – Present	Connecticut Institute for the Brain and Cognitive Sciences (IBACS)
Fall 2015 – Present	Haskins Laboratories
Fall 2015	Reviewer, APS Student Grant Competition
Fall 2015 – Spring 2018	Member, IGERT Social Media Committee
Spring 2015	Member, UConn Language Fest Organizing Committee
Spring 2015	Member, IGERT Open House Committee
Fall 2014 – Fall 2017	Member, IGERT Diversity Committee
Fall 2014 – Present	Trainee, NSF-IGERT Program in Language Plasticity