

Yushuang Liu

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Updated December 2019

Education

PhD in Developmental Psychology and Language Science **University Park, PA**
The Pennsylvania State University *May 2021 (anticipated)*

◦ Advisor: Janet G. van Hell, PhD

MS in Psychology **University Park, PA**
The Pennsylvania State University *December 2018*

◦ Advisor: Janet G. van Hell, PhD

◦ Thesis: When Adults Learn Novel Word with Meanings: The Role of Consolidation in Word Learning and Memory Retention

MA in Psychology **San Diego, CA**
San Diego State University *August 2016*

◦ Advisor: Margaret Friend, PhD

◦ Thesis: Translation equivalents and early Executive Function in Simultaneous Bilinguals

BS in Psychology **Wuhan, China**
Wuhan University *Spring 2014*

◦ Advisor: Meimei Zhang, PhD

◦ Thesis: The study of the relationship between grandparent-raising-grandchildren's social behavior, attachment and grandparents' subjective reasons of raising grandchildren

Skills

Programming: R, MATLAB, E-Prime, Praat, SPSS

Data analyses: Regression, repeated-measure AONVA, growth curve analysis, cluster analysis

EEG data analyses: Event-related potentials (ERPs), time frequency representations (TFRs) using EEGLab and Fieldtrip

Languages: Mandarin (native proficiency), English (professional proficiency)

Awards and Honors

Adele Miccio Travel Award
Center for Language Science, the Pennsylvania State University 2019

NSF Partnerships in International Research and Education Fellowship
Center for Language Science, the Pennsylvania State University 2019

Travel award to the 59th Psychonomic Society <i>Child Study Center, the Pennsylvania State University</i>	2018
Travel award to the 10th Society for the Neurobiology of Language Meeting <i>Child Study Center, the Pennsylvania State University</i>	2018
Travel award to Psycholinguistics Shorts 2017 Meeting <i>Child Study Center, the Pennsylvania State University</i>	2017
1st prize Scholarship for Hong Kong, Macao and Taiwan students <i>Wuhan University, China</i>	2013
Baosteel Scholarship <i>Baosteel Education Foundation, China</i>	2012
3rd prize Scholarship for Hong Kong, Macao and Taiwan students <i>Wuhan University, China</i>	2011

First-author manuscripts in preparation

Child L2 learners' comprehension of L2 sentences with different accents

Liu, Y., Unsworth, S., & van Hell, J., G.

Tracking the lexical consolidation of novel word meanings: Time-frequency analyses

Liu, Y., & van Hell, J., G.

Peer-reviewed publication

Learning novel words with meanings: The role of consolidation in word learning and memory retention

Liu, Y., & van Hell, J., G.

Under review at the CoNSALL Special issue in Language Learning

A cross-language study of decontextualized vocabulary comprehension in toddlerhood and kindergarten readiness

Friend, M., Smolak, E., Liu, Y., Poulin-Dubois, D., & Zesiger, P.

Developmental Psychology, 54, 1317–1333. doi: 10.1037/dev0000514

Research experience

The Pennsylvania State University (2016 – present)

My current research assistantship responsibility is leading and conducting EEG language experiments, including stimuli creation, experimental designs, experimental programming, data collection in both adults and children, data preprocessing and analyses. My secondary responsibility is training and mentoring undergraduate research assistants.

San Diego State University (SDSU; 2014 – 2016)

My research assistantship responsibility at SDSU focused on database management across three collaborators' sites (SDSU, Concordia University, Canada and University of Geneva, Switzerland) using Filemaker, which included data entry, updating variables and constructs for subsequent waves, developing data entry dictionary to maintain consistency, and interacting with the SDSU IT for troubleshooting. I also mentored undergraduate research assistants and assisted with experiments and data collection.

Divergent thinking and STEM education

Research assistant

Spring 2017 – present

Speaker identity and accent effects

Research assistant

Fall 2017

L2 learning in adults and children

Research assistant

Fall 2016 – Spring 2017

Database management

Research assistant

Spring 2015 – Spring 2016

Teaching experience

My teaching assistantship responsibility broadly includes teaching guest lectures, grading assignments and exams and providing feedback, proctoring exams, holding office hours, organizing make-up exams and producing engaging in-class activities.

Neurological Bases of Human Behavior

Teaching assistant

Fall 2019

L1 Acquisition

Teaching assistant

Spring 2017

The Psychology of Gender

Teaching assistant

Fall 2016

Psychology of Infant and Child Development

Teaching assistant

Fall 2014

Oral presentations

Psycholinguistics in Flanders (PiF) 2019, Antwerp, Belgium

Liu, Y., & van Hell, J., G.

May 2019

- o Learning Novel Words with Novel Meanings: An ERP Study of Semantic Integration and Offline Consolidation

UD Linguistics and Cognitive Science Student Conference, Newark, DE

Liu, Y., & van Hell, J., G.

April 2019

- o Learning novel word with meanings: an ERP investigation of semantic integration and offline consolidation

Poster presentations

60th Annual Psychonomic Society, Montréal, Canada

Lei, D., Liu, Y., & van Hell, J., G.

November 2019

- o Word learning with definitions and visualizations: An ERP study

60th Annual Psychonomic Society, Montréal, Canada

Grey, S., Liu, Y., Zink, H., & van Hell, J., G.

November 2019

- o Natural conversation boosts speaker identity effects in native- and foreign-accented spoken sentence comprehension: An auditory ERP study

Cognitive Neuroscience Society 2019, San Francisco, CA

Jończyk, R., Liu, Y., Kremer, G., Siddique, Z., & van Hell, J., G.

March 2019

- o How creativity training modulates electrophysiological responses to novel metaphors

59th Annual Psychonomic Society, New Orleans, LA

Liu, Y., & van Hell, J., G.

November 2018

- o Novel word learning: An ERP study on lexical consolidation in monolingual, inexperienced foreign language learners

59th Annual Psychonomic Society, New Orleans, LA

Jończyk, R., Liu, Y., Kremer, G., Siddique, Z., & van Hell, J., G.

November 2018

- o Engineering creativity: Electrophysiological responses to novel metaphors differ as a function of prior knowledge

10th Society for Neurobiology of Language, Québec City, Canada

Liu, Y., & van Hell, J., G.

August 2018

- o Learning novel words with meanings: The role of consolidation in word learning and memory retention

Psycholinguistics Shorts 2017, Ottawa, Canada

Liu, Y., & van Hell, J., G.

February 2017

- o The role of semantics in L2 word learning and consolidation: An ERP study

ICIS 20th Biennial Meeting, New Orleans, LA

Barlam, D., Liu, Y., Poulin-Dubois, D., Zesiger, P. & Friend, M.

May 2016

- o Early executive function in Spanish-English bilingual and Spanish monolingual children

Cognitive Development Society 9th Biennial Meeting, Columbus, OH

Liu, Y., Poulin-Dubois, D., Zesiger, P. & Friend, M.

October 2015

- o Translation equivalents and early executive function in simultaneous bilinguals

References

Janet G. van Hell, Ph.D.

The Pennsylvania State University, University Park, PA

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- o Professor of Psychology and Co-director of Center for Language Science

Margaret Friend, Ph.D.

San Diego State University, San Diego, CA

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- o Professor of Psychology

Georg E. Matt, Ph.D.

San Diego State University, San Diego, CA

gmatt@mail.sdsu.edu

- o Professor and Department Head of Psychology