Yongjia Song

30 Via Lucca, Apt F300, Irvine, CA 92612

Phone: (949) 887-7601

Email: yongjias@uci.edu

EDUCATION

University of California, Irvine

Bachelor of Arts in Psychology   Expected June 2020

Minor in Statistics, Informatics

- Overall GPA: 3.692
- Dean's Honor List, 7 quarters
- Honor student, Honors Program in Psychology and Cognitive Sciences
  Honors thesis: "Comparison of two English Scopally Ambiguous Structures of Sentence structures in Mandarin"

RESEARCH EXPERIENCE

Bilingualism, Mind and Brain Lab at University of California, Irvine   September 2019-present

Cognitive processes that support the acquisition and proficient use of a second language.

Research Assistant

Principal Investigator: Dr. Judith Kroll

- Reviewed literatures related to cognitive processes of bilinguals processing two languages and factors caused the differences between bilinguals and monolinguals;
- Been trained to run experiments conducted in the lab such as picture-naming task, verbal fluency task, and AX-CPT;
- Transcribed the recording of verbal fluency tasks on Chinese-English speakers and translated Chinese transcriptions to English;
- Been trained to do the pre-processing of ERP data on MATLAB.

Summer Undergraduate Research Program (SURP) Fellowship   June 2019-present

Project: "Comparison of two English Scopally Ambiguous Structures of Sentence in Mandarin"

- Wrote a proposal about studying Mandarin speakers' performance on interpreting scopally ambiguous sentences in Mandarin which has similar ambiguous structures to English;
- Been awarded the Summer Undergraduate Research Opportunity Program (SURP) fellowship with $1400 stipend;
- Wrote for experiments the stories which have similar pattern to stories used in previous studies;
- Designed and conducted English scope ambiguity experiments through JavaScript to ensure the validity of the study and set a baseline for the comparison to Mandarin experiments;
- Designed and conducted similar Mandarin scope ambiguity experiments through JavaScript;

Digital Learning Lab (DLL) at University of California, Irvine   Winter 2018-present

Conversational agents to promote children's literacy skills and scientific thinking.

Research Assistant

Principal Investigator: Dr. Mark Warschauer

- Translated Chinese questionnaires related to children's motivation of reading on digital devices to English;
- Reviewed and compared literatures about parent's attitudes based on parenting styles on children using digital devices to read;
- Reviewed and compared literatures about the effect of conversational agents/robots on young children's development on literacy skills, knowledge acquirement, and emotions.
- Edited and sorted videos about children's performance on answering story-related questions asked conversational agents;
- Transcribed children's answers in videos about story-related questions when interacting with conversational agents.

Undergraduate Research Opportunities Program (UROP) Fellowship   January 2019-May 2019

Project: "Young children's Reading with Conversational Agents: The role of Age and Language Status"

- Wrote a proposal about studying the performance of children from different age group and language status (native-English speaker/bilinguals/English learner) on the interaction with conversational agents and comprehension on story;
- Sorted and cleaned children's answers of in-story questions asked by conversational agents and comprehension questions in post-session through R;
- Analyzed and compared the children's scores of in-story questions, comprehension questions, and EOWPVT (Expressive One Word Picture Vocabulary Test, which is used to test children's proficiency of English);
- Been awarded the Undergraduate Research Opportunity Program (UROP) fellowship with $500 funding;
- Designed a poster of the project and presented at the UROP Symposium in May 2019.

PRESENTATIONS

Song, Y., & Deng, X., & Xu, Y., & Warschauer, M. (Spring, 2019). *Young children's Reading with Conversational Agents: The role of Age and Language Status.* Poster presented at the Undergraduate Research Opportunity Program Symposium at the University of California, Irvine, CA

LANGUAGE

- Mandarin: native speaker
- English: fluent speaking, advanced reading, writing, and listening

COMPUTER SOFTWARE OR TECHNOLOGY

- Programming: Experienced in R, Python, JavaScript, HTML
- Computer software: Experienced in Word, Excel, PowerPoint, SPSS