

Jiaqi (Jenny) Geng

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EDUCATION

University of California, Davis

September 2017 – Summer 2021

B.A. in Psychology

UC GPA: 3.442/4.00

Advanced GPA: 3.875/4.00

HONORS

Yale Psychology Sneak Peek Program

August 2022 – present

- Selected for a competitive program providing application mentorship to talented under-represented graduate school applicants.

UC Davis Dean's Honor List

Spring 2020

RESEARCH EXPERIENCE

Research Assistant, lab of Dr. Yuko Munakata

March 2022 – present

Cognition in Context Lab, UC Davis, CA

- Developed and implemented protocols, organized an umbrella IRB amendment, recruited participants, and independently ran participants aged 11-14 for a study in the Spark Math Project.
- Building the groundwork and taking the lead on identifying, defining, and coding executive-function characterized strategy markers in the context of a card game from video recordings.
- Taking a part of the lab management's responsibilities for coordinating lab's day-to-day affairs.

Research Assistant, lab of Dr. Elizabeth Peña

July 2022 – present

Human Abilities in Bilingual Language Acquisition Lab, UC Irvine, CA

- Transcribing, evaluating, and rating Spanish-English children's free responses of narratives and storytelling in English for the TELL (Test of English Language Learners) – a project that aims to develop a language assessment that can be given in English that will accurately identify language impairment in children who are learning English as a second language.

Research Assistant, lab of Dr. Tamara Swaab

June 2022 – present

Cognitive Neuroscience of Language Lab, UC Davis, CA

- Generating predictability manipulation stimuli for the project using machine learning and EEG to explore the automaticity of prediction in auditory sentences.
- Taking the lead on building a survey on Qualtrics to test the predictability of stimuli.

Summer Internship, lab of Dr. Charles Chang

May 2022 – August 2022

Phonetics, Acquisition & Multilingualism Lab, Boston University, MA

- Annotated uttered words, phonemes, and phonological stops for 275 segments of speech in Mandarin by Mandarin-English bilingual speakers using Praat as a part of the Intoxication in

Bilingual Speech Project, investigating the relationship between speech production variations in L1 and in L2 for intoxicated and sober individuals across three bilingual groups.

Summer Internship, AtaGe Technology Co., Ltd.
Shenzhen, China.

July 2019 – Sep 2019

- Reviewed studies across a broad range of areas within Cognitive Psychology and Clinical Psychology and led weekly meetings to propose possible methodological or conceptual replications for an interdisciplinary project aimed at building a behavioral-detection AI model to be embedded in the school's counseling system.

RELEVANT COURSEWORK AND PROFESSIONAL DEVELOPMENT

Harvard Psychology's Prospective PhD and RA Event in Psychology (PPREP)

October 2022

- Selected for a program providing panel discussions, application workshops, and one-to-one mentorship to marginalized prospective graduate students in psychology.

EEGLAB Laboratory Seminar

March 2020 – May 2020

Psychology seminar by Dr. Tamara Swaab, UC Davis, CA

- Acquired skills in MATLAB operations, including how to create bin-based epochs, identify N400, remove artifacts, and replot grand-average ERPs.

ORAL PRESENTATIONS

Geng, J.Q. (2021, April). Positive aging: theory of socioemotional selectivity and how emotion experience improves with age. Seminar presentation, UC Davis Undergraduate Research Seminar by Dr. Wiebke Bleidorn.

Geng, J.Q. (2020, November). Cognate effect in picture naming: Does cross-language activation survive a change of script (Hoshino and Kroll, 2018). Class presentation, Language and Cognition by Dr. Tamara Swaab.

Geng, J.Q. (2019, October). Orbitofrontal cortex as a cognitive map of task space. Seminar presentation, UC Davis Undergraduate Research Seminar by Dr. Erie D Boorman.

Geng, J.Q. (2019, July). Affective preferences and semantic violence in music. Project presentation. Peking University Graduate School.

WRITTEN WORK

Zengilowski, A., **Geng, J.Q.**, Boudaie, S., Katz, B., Shah, P., & Munakata, Y. (Submitted). *Making Math Fun: Developing Executive Function Strategies and Math-Positivity Through Gameplay* [Poster Abstract]. 2023 American Psychological Association, Washington DC, United States.

Geng, J.Q. (2022). Phonological Assistance, Contextual Effects, and Universality in Bilingual Language Acquisition: A Review Study. *UC Davis Aggie Transcript*. <https://aggietranscript.ucdavis.edu/phonological-assistance-contextual-effects-and-generalizability-in-bilingual-language-acquisition-a-review-study/>

SKILLS

Language: Fluent in Mandarin

Experiment implementation: Qualtrics

Programming: MATLAB, Python

Other skills: Praat, ELAN, Zotero, SiteFarm

Experience running studies with the following populations: Children aged 11-14 and their parents.