Shuang Geng

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Curriculum Vitae

EDUCATION

2018 - 2023 PhD candidate candidate in Cognitive Neuroscience
Basque Center on Cognition Brain and Language

2014 - 2017 MS in Psychology and Cognitive Neuroscience
East China Normal University,

2010 - 2014 BS in Fundamental Psychology
South China Normal University

PUBLICATIONS

Geng, S., Quiñones, I., Gil-Robles, S., Pomposo Gastelu, I. C., Bermudez, G., Timofeeva, P., Molinaro, N., Carreiras, M., & Amoruso, L. (2023). "Neural dynamics supporting longitudinal plasticity of action naming across languages: MEG evidence from bilingual brain tumor patients". Neuropsychologia, 181, 108494. https://doi.org/10.1016/j.neuropsychologia.2023.108494

Timofeeva, P., Quiñones I., **Geng, S.,** Angela de Bruin; Carreiras, M,. & Amoruso, L. (in press). Behavioral and oscillatory signatures of switch costs in highly proficient bilinguals. Submtted to the journal of *Cortex*.

Geng, S., Molinaro, N., Timofeeva, P., Quiñones, I., Carreiras, M., & Amoruso, L. (2022). Oscillatory dynamics underlying noun and verb production in highly proficient bilinguals. *Scientific Reports*, *12*(1), 1–10. https://doi.org/10.1038/s41598-021-04737-z

Amoruso, L., **Geng, S.,** Molinaro, N., Timofeeva, P., Gisbert-Muñoz, S., Gil-Robles, S., Pomposo, I., Quiñones, I., & Carreiras, M. (2020). Oscillatory and structural signatures of language plasticity in brain tumor patients: A longitudinal study. *Human Brain Mapping*, *December*, 0–17. https://doi.org/10.1002/hbm.25328

Gisbert-Muñoz, S., Quiñones, I., Amoruso, L., Timofeeva, P., **Geng, S**., Boudelaa, S., Pomposo, I., Gil-Robles, S., & Carreiras, M. (2020). MULTIMAP: Multilingual picture naming test for mapping eloquent areas during awake surgeries. *Behavior Research Methods*, *September*. https://doi.org/10.3758/s13428-020-01467-4

Zhang, M., Tan, X., Shen, L., Wang, A., **Geng, S**., & Chen, Q. (2014). Interaction between allocentric and egocentric reference frames in deaf and hearing populations. *Neuropsychologia*, *54*(1), 68–76. https://doi.org/10.1016/j.neuropsychologia.2013.12.015

张洁婷, 张敏强, & 耿爽. (2012). 心理学研究中潜变量空间的特性探讨. *心理学探新, 5.*

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GRANT

Predoctoral Researcher-Severo Ochoa FPI Fellow 2019-2023

CONFERENCES

Geng, S., Molinaro, N., Carreiras, M., and Amoruso, L. "Noun and verb processing in the bilingual brain: An MEG study". Poster presentation at the 13th Cognitive Neuroscience Society annual meeting (CNS, 2020) Virtual conference.

Geng, S., Amoruso, L., Molinaro, N., & Carreiras, M. (2019). Spatio-temporal dynamics of noun and verb naming in early bilinguals. Poster presentation at the Eleventh Annual Meeting of the Society for the Neurobiology of Language (SNL 2019), Helsinki, Finland.

Geng, S., Amoruso, L., Timofeeva, P., Gil Robles, S., Pomposo, I., Molinaro, N., & Carreiras, M. (2018). Oscillatory dynamics during lexico-semantic retrieval: Evidence for neuroplasticity of language in patients with left-hemisphere temporal tumors. Poster presentation at 10th Anniversary of the Society for the Neurobiology of Language (SNL 2018), Québec, Canada.

Geng, S., Qi, S., Shuai, W., Xing, T., Qing, C. (2017), Sequece processing and language lateralization. Poster presentation at Annual Meeting of the Cognitive Neuroscience Society, 2017, San Francciso, CA

Lily, T., **Geng, S.,** Huang, Y, C., Miao, M, Z., Qing, C. (2016) ,Cortical tracking of hierarchical linguistic structures during visual processing of the first and second language. Poster presentation at International Conference on the Processing of East Asian Languages (ICPEAL), Guangzhou

SHORT STAY

15th Oct – 31th December Short stay

Magnetic Resonance Imaging Research Center of the Institue of Psychology, Chinese Academy of Sciences