

**RAN LI**  
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## **WORK AND EDUCATION BACKGROUND**

<b>Hong Kong Baptist University</b> Assistant Professor Department of English Language and Literature	<b>Hong Kong</b> Feb 2024 – Present
<b>The University of Hong Kong</b> Postdoctoral Fellow The Speech, Language, and Reading Lab	<b>Hong Kong</b> Oct 2022 – Feb 2024
<b>Boston University</b> Ph.D., Speech, Language & Hearing Sciences Dissertation: Investigation of language impairment and treatment-induced recovery patterns between verbs and nouns in Mandarin-English bilinguals with aphasia	<b>Boston, USA</b> Aug 2022
<b>University of Maryland</b> M.A., Speech-Language Pathology Thesis: A comparison of verb and noun retrieval in Mandarin-English bilinguals with English-speaking monolinguals	<b>College Park, USA</b> May 2017
<b>University of Maryland</b> B.A., Dual Major: Linguistics, Hearing & Speech Sciences	<b>College Park, USA</b> May 2015

## **CLINICAL EXPERIENCE**

Fairland Elementary School Speech Therapy Intern	<b>Silver Spring, USA</b> Jan – May 2017
Adventist HealthCare (acute care) Speech Therapy Intern	<b>Shady Grove, USA</b> Sep – Dec 2016
University of Maryland Speech and Hearing Clinic Speech Therapy Intern	<b>College Park, USA</b> Jan 2015 – Aug 2016

## **GRANTS AND AWARDS**

HKU 43 <sup>rd</sup> Round Faculty Research Fund (HK\$35,781) PI (transferred to another PI due to job change) <i>Neuroplasticity Across the Bilingual Lifespan: Morphology Intervention in Hong Kong Mandarin-English Bilingual Children and Adults with and without Dyslexia</i>	Jan 2024 – Aug 2025
HKU 42 <sup>nd</sup> Round Faculty Research Fund (HK\$59,062), PI <i>Effect of semantic and prosodic intervention in Chinese-English bilingual children with dyslexia</i>	Dec 2022 – Aug 2024

Boston University Sargent Student Research Grant (\$5000), PI 2021 – 2022  
*Investigation of language impairment and treatment-induced recovery patterns between verbs and nouns in Mandarin-English bilinguals with aphasia*

NIH/NIDCD Academy of Aphasia Young Investigator Fellowship for the 57th AoA Annual Meeting (\$1200) Oct 2019

NIH/NIDCD RSCA Student Fellowship for the Annual Clinical Aphasiology Conference (\$1600) May 2019

University of Maryland MCM Fund for Student Research Excellence (\$450) 2016 – 2017

## PROFESSIONAL CERTIFICATES

### AI Literacy in Education

Teaching and Learning Innovation Centre  
The University of Hong Kong

## RESEARCH INTERESTS

Bilingualism  
Aphasia  
Dyslexia  
Language intervention  
Neuroimaging  
Machine learning

## PUBLICATIONS

### Journal Articles

1. **Li, R., & Kiran, S. (2023).** Treatment-Induced Recovery Patterns between Nouns and Verbs in Mandarin-English Bilingual Adults with Aphasia. *American Journal of Speech-Language Pathology*, 32(5), 2128-2145. [https://doi.org/10.1044/2023\\_AJSLP-22-00236](https://doi.org/10.1044/2023_AJSLP-22-00236)  
2022 SSCI Rank: 30/194 in Linguistics; 11/73 in Rehabilitation  
Impact Factor: 2.6
2. **Li, R., & Kiran, S. (2023).** Noun and Verb Impairment in Single-Word Naming and Discourse Production in Mandarin-English Bilingual Adults with Aphasia. *Aphasiology*, 1-29. <https://doi.org/10.1080/02687038.2023.2189994>  
2022 SSCI Rank: 52/194 in Linguistics; 30/73 in Rehabilitation  
Impact Factor: 2.0
3. **Li, R., Perrachione, T. K., Tourville, J. A., & Kiran, S. (2021).** Representation of semantic typicality in brain activation in healthy adults and individuals with aphasia: a multi-voxel pattern analysis. *Neuropsychologia*, 107893. <https://doi.org/10.1016/j.neuropsychologia.2021.107893>  
2021 SSCI Rank: 33/91 in Psychology, Experimental

Impact Factor: 3.054

4. Faroqi-Shah, Y., Kevas, Y., & **Li, R.** (2021). Lexical category differences in bilingual picture naming: implications for models of lexical representation. *Bilingualism: Language and Cognition*, 24(5), 849-863. <https://doi.org/10.1017/S1366728921000213>  
2021 SSCI Rank: 8/195 in Linguistics; 12/91 in Psychology, Experimental  
Impact Factor: 4.763
5. **Li, R.**, Li, W., & Kiran, S. (2020). Effect of Mandarin Verb Network Strengthening Treatment (VNeST) in Mandarin-English bilinguals with aphasia: A single-case experimental design. *Neuropsychological Rehabilitation*, 31(8), 1224-1253. <https://doi.org/10.1080/09602011.2020.1773278>  
2020 SCIE Rank: 193/273 in Neurosciences; 36/77 in Psychology  
Impact Factor: 2.868
6. **Li, R.**, Faroqi-Shah, Y., & Wang, M. (2019). A comparison of verb and noun retrieval in Mandarin-English bilinguals with English-speaking monolinguals. *Bilingualism: Language and Cognition*, 22(5), 1005-1028. <https://doi.org/10.1017/S1366728918000913>  
2019 SSCI Rank: 18/187 in Linguistics; 38/89 in Psychology, Experimental  
Impact Factor: 2.210

### Book Chapters

7. **Li, R.**, Mukadam, N., & Kiran, S. (2022). Functional MRI evidence for reorganization of language networks after stroke. In *Handbook of Clinical Neurology* (Vol. 185, pp. 131-150). Elsevier.

### WORKING PAPERS

1. **Li, R.** (Under revision). A Viewpoint on Linguistic Distance in Bilingual Aphasia Treatment: Insight from Chinese and English. *Journal of Speech, Language, and Hearing Research*.
2. **Li, R.**, Chen, SM., & Kiran, S. (Under revision). The active ingredients of semantic-based intervention for nouns and verbs in Mandarin-English bilinguals with aphasia. *Journal of Speech, Language, and Hearing Research*.
3. **Li, R.**, Cain, K., & Tong, XL. (Under revision). The dimensionality of morphological awareness in Cantonese-English bilingual children. *Bilingualism: Language and Cognition*.
4. **Li, R.**, Cain, K., & Tong, XL. (Under review). Pathways of morphological awareness to L1 Chinese and L2 English reading comprehension among Hong Kong Chinese-English bilingual children. *Language Learning*.

5. **Li, R.**, Gilmore, N., O'Connell, M., & Kiran, S. (Under review). Evolution of speech errors after complexity-based semantic naming treatment in individuals with aphasia. *Aphasiology*.
6. Sung, J.E., Scimeca, M., **Li, R.**, & Kiran, S. (Under review). Assessment of naming abilities for bilingual adults with aphasia from crosslinguistic and multicultural perspectives. *American Journal of Speech-Language Pathology*.
7. **Li, R.\***, Grasemann, U.\*, Peñalosa, C., Miikkulainen, R., & Kiran, S. Simulating and predicting language impairment and treatment-induced recovery outcomes in Mandarin-English bilingual adults with aphasia. *In manuscript (target journal: Nature Human Behavior)*
8. **Li, R.**, Peñalosa, C., Scimeca, M., & Kiran, S. The influence of bilingual language history on bilingual lexical access: A comparison between Spanish-English and Mandarin-English healthy bilinguals and bilinguals with aphasia. *In manuscript*.

## CONFERENCE PRESENTATIONS

Note: presenter

### Symposium Talks

1. Sung, J.E., Scimeca, M., **Li, R.**, & Kiran, S. (Nov 2023). *Crosslinguistic and multicultural considerations in evaluating bilingual adults with aphasia*. Seminar at the 2023 annual convention of the American Speech-Language-Hearing Association, Boston, USA.
2. **Li, R.**, Cain, K., & Tong, X.L. (Accepted). *What's the dimensionality of morphological awareness across languages? Evidence from Hong Kong Cantonese-English bilingual children*. Society for the Scientific Study of Reading 30<sup>th</sup> Annual Meeting.
3. **Li, R.**, & Kiran, S. (Dec 2022). *Does semantic-based naming treatment show similar treatment effects in nouns and verbs? Evidence from Mandarin-English bilinguals with aphasia*. 12<sup>th</sup> World Congress for Neurorehabilitation.
4. **Li, R.**, Chen, S.M., & Kiran, S. (May 2022). *The active ingredients of semantic-based intervention in Mandarin-English bilinguals with aphasia*. 51<sup>st</sup> Clinical Aphasiology Conference, Wrightsville Beach, North Carolina, USA.
5. **Li, R.**, Li, W., & Kiran, S. (May 2019). *Effect of Chinese Verb Network Strengthening Treatment in Mandarin-English bilinguals with aphasia*. NIH/NIDCD platform presentation at the 2019 Clinical Aphasiology Conference, Whitefish, Montana, USA.

### Posters

6. **Li, R.**, Gilmore, N., O'Connell M., & Kiran, S. (June 2022). *What can errors that evolve during rehabilitation tell us about the CATE hypothesis*. 2022 International Aphasia Rehabilitation Conference.

7. **Li, R.**, Perrachione, T. K., Tourville, J. A., & Kiran, S. (Oct 2020). *Predicting typicality effect from brain activation patterns in healthy adults and individuals with aphasia: a multi-voxel pattern analysis*. Academy of Aphasia 58th Annual Meeting, Online.
8. **Li, R.**, Perrachione, T. K., Tourville, J. A., & Kiran, S. (May 2020). *Predicting typicality effect from brain activation patterns in healthy adults and individuals with aphasia: a multi-voxel pattern analysis*. 2020 Cognitive Neuroscience Society Virtual Meeting.
9. **Li, R.**, Li, W., & Kiran, S. (Oct 2019). *Effect of Chinese Verb Network Strengthening Treatment in Mandarin-English bilinguals with aphasia*. Academy of Aphasia 57th Annual Meeting, Macau SAR.
10. **Faroqi-Shah, Y.**, Milman, L., **Li, R.** (Oct 2019). *Comparing language performance in bilinguals and monolinguals: some measures are more equal than others*. Academy of Aphasia 57th Annual Meeting, Macau SAR.
11. **Li, R.**, Faroqi-Shah, Y., & Wang, M. (Oct 2017). *Investigation of bilingual disadvantage in verb and noun retrieval in Mandarin-English bilinguals*. Academy of Aphasia 55th Annual Meeting, Baltimore, USA.
12. **Faroqi-Shah, Y.**, **Li, R.**, Milman, L., Pranger, M., & Evans, T. M. (Nov 2016). *Language performance in bilinguals: some measures are more equal than others*. American Speech-Language Hearing Association Annual Convention, Philadelphia, USA.

## PROFESSIONAL ACTIVITIES

### Reviewer

Journal of the International Neuropsychological Society  
 Journal of Experimental and Theoretical Artificial Intelligence  
 Glossa: A Journal of General Linguistics  
 Career Development International

## TEACHING

<b>Guest Lecture, Hong Kong Baptist University</b> Exploring Bilingualism and Bilingual Education	Feb 2024
<b>Guest Lecture, Hong Kong Baptist University</b> Exploring Bilingualism and Bilingual Education	Mar 2023
<b>Guest Lecture, Ewha Womans University</b> Special Topic: Noun and verb treatment in bilingual aphasia	Nov 2022
<b>Guest Lecture, Boston University</b> Research in the Professions & Evidence-Based Practice SH 531 Introduction to Speech, Language, and Hearing Sciences	Dec 2021
<b>Guest Lecture, Boston University</b> Special Topic: Bilingual Aphasia	Oct 2021

SH 548 Introduction to Language Disorders Across the Lifespan

**Teaching Assistant, University of Maryland**

Jan – May 2014

HESP 120 Introduction to Linguistics

## **ADVISING**

**Undergraduate Research Opportunities Program**

Fall 2021

**Boston University**

ShiMin Chen

Project: Investigating the direct responses to semantic-based treatment in Mandarin-English bilinguals with aphasia

**Research in Science & Engineering Internship Program**

Summer 2019

**Boston University**

Rebecca Golovanov, now an undergraduate student at University of Chicago

**Aphasia Research Laboratory**

2017 – 2022

**Boston University**

Supervisor for > 10 undergraduate and graduate RAs

## **WORKSHOPS**

**Mixed Effect Models in Aphasia Research**

April 2021

Aphasia Research Laboratory, Boston University

Organizer & Presenter

## **PROFESSIONAL ORGANIZATIONS**

Academy of Aphasia Student Membership

2020 – present

ASHA Asian Pacific Islander Caucus Member

2020 – present

ASHA Special Interest Group 2: Neurogenic Communication

2019 – present

Disorders Member

National Student Speech-Language Hearing Association

2018 – present

(NSSLHA) Member

## **SKILLS**

Languages: Mandarin (native), English (highly fluent)

Programming languages: R, MATLAB, LaTeX

Neuroimaging processing: SPM12, PRoNT0, The Decoding Toolbox, CoSMoMVPA