

## Curriculum Vitae

YE MA

Email: ye.ma@uky.edu

Website: www.linkedin.com/in/yema1992

## PROFESSIONAL APPOINTMENT

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<b>Postdoctoral Researcher, Phonetics Lab</b>	10/2024 – present
<i>Department of Linguistics</i>	
<i>University of Kentucky</i>	<i>Lexington, KY</i>
<b>Postdoctoral Researcher, Semantics-Pragmatics Lab</b>	10/2023 – 7/2023
<i>Department of Linguistics, Languages, and Cultures</i>	
<i>Michigan State University</i>	<i>East Lansing, MI</i>
<b>Computational Linguist Intern</b>	05/2022 – 08/2022
<i>App Orchid Inc.</i>	<i>San Ramon, CA</i>
<b>Graduate Assistant, Psycholinguistics and Neurolinguistics Lab</b>	08/2017 – 08/2023
<i>Department of Linguistics, Languages, and Cultures</i>	
<i>Michigan State University</i>	<i>East Lansing, MI</i>
<b>Graduate Assistant</b>	09/2015 – 05/2017
<i>Department of Foreign Languages</i>	
<i>Beijing Normal University</i>	<i>Zhuhai, China</i>
<b>Visiting Student Researcher, Key Lab of Medical Molecular Imaging in Guangdong Province</b>	Summers, 2015 – 2018
<i>Shantou University Medical College</i>	<i>Shantou, China</i>

## EDUCATION

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<b>Ph.D. in Linguistics</b>	08/2017 – 08/2023
<i>Department of Linguistics, Languages, and Cultures - Michigan State University</i>	<i>East Lansing, MI</i>
<b>M.Ed. in English Language Teaching</b>	09/2015 – 05/2017
<i>Zhuhai Branch of Graduate School - Beijing Normal University</i>	<i>Zhuhai, China</i>
<i>Honor: Second Prize in English Teaching Skill Competition in Graduate School in 2016</i>	
<b>B.A. in English Education</b>	09/2011 – 05/2015
<i>School of English Education - Xi'an International Studies University</i>	<i>Xi'an, China</i>
<i>Honor: Merit Student and Second-Class Scholarship in Xi'an International Studies University from 2012 to 2014</i>	

## PUBLICATIONS

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### Peer-reviewed publications

9. Ma, Y.\*, Buccola, B., Cousins, S. & Beretta, A. (2023). A self-paced reading study of context effects in the processing of aspectual verbs in Mandarin. *Language and Cognition*, 1-25.  
[\*corresponding author]
8. Ma, Y.\*, Buccola, B., Wang, Z., Cousins, S., Godfroid, A. & Beretta, A. (2022). Expressions with aspectual verbs elicit slower reading times than those with psychological verbs: An eye-

tracking study in Mandarin Chinese. *Journal of Psycholinguistic Research*, 1-37.

**[\*corresponding author]**

7. Duan, S., **Ma, Y.**, Xie, L., Zheng, L., Huang, J., Guo, R., Sun, Z., Xie, Y., Lv, J., Lin, Z. & Ma, S. (2020). Effects of Chronic Ephedrine Toxicity on Functional Connections, Cell Apoptosis, and CREB-Related Proteins in the Prefrontal Cortex of Rhesus Monkeys. *Neurotoxicity research*, 37(3), 602-615.
6. Sun, Z., **Ma, Y.**, Xie, L., Huang, J., Duan, S., Guo, R., Xie, Y., Lv, J., Lin, Z. & Ma, S. (2019). Behavioral changes and neuronal damage in rhesus monkeys after 10 weeks of ketamine administration involve prefrontal cortex dopamine D2 receptor and dopamine transporter. *Neuroscience*, 415, 97-106.
5. Xie, L., **Ma, Y.**, Huang, J., Guo, R., Wang, J., Sun, Z., Duan, S., Wu, B., Lin, Z., Xiao, Y. & Ma, S. (2019). Exploring the neuromechanism of chronic ephedrine addiction in rhesus monkeys: A behavioural and brain resting-state fMRI study. *Behavioural brain research*, 359, 807-813.
4. Wu, B., **Ma, Y.\***, Xie, L., Huang, J., Sun, Z., Hou, Z., Guo, R., Lin, Z., Duan, S., Zhao, S., Sun, D., Zhu, C., & Ma, S. (2018). Impaired decision - making and functional neuronal network activity in systemic lupus erythematosus. *Journal of Magnetic Resonance Imaging*, 48(6), 1508-1517. **[\*co-first author]**
3. Sun, Z., **Ma, Y.**, Duan, S., Xie, L., Lv, J., Huang, J., Lin, Z., Guo, R. & Ma, S. (2017). cAMP response element binding protein expression in the Hippocampus of Rhesus Macaques with Chronic Ephedrine Addiction. *BioMed Research International*, 2017.
2. Sun, D., **Ma, Y.**, Sun, Z., Xie, L., Huang, J., Chen, W., Duan, S., Lin, Z., Guo, R., Le, H., Xu, W. & Ma, S. (2017). Decision-making in primary onset middle-age type 2 diabetes mellitus: A BOLD-fMRI study. *Scientific Reports*, 7(1), 1-12.
1. Zhu, C., **Ma, Y.\***, Xie, L., Huang, J. Z., Sun, Z. B., Duan, S. X., Lin, Z., Yin, J., Le, H., Sun, D., Xu W. & Ma, S. (2017). Spatial working memory impairment in patients with non-neuropsychiatric systemic lupus erythematosus: a blood-oxygen-level dependent functional magnetic resonance imaging study. *The Journal of rheumatology*, 44(2), 201-208. **[\*co-first author]**

## Books

6. Tao, W., Xie, Q., Cui, Y., Sun, Y., Lang F., Dai, J., **Ma, Y.**, Xia, Y., Kuang, Y., Kang Z.& Wang, X. (Eds.). (2022) 华时代大学英语综合教程教师用书4 [College English in the Chinese era: Comprehensive course teacher's book 4]. Fudan University Press. ISBN978-7-89407-550-5/T.H511
5. Tao, W., Xie, Q., Cui, Y., Sun, Y., Lang F., Dai, J., **Ma, Y.**, Xia, Y., Kuang, Y., Kang Z.& Wang, X. (Eds.). (2022) 华时代大学英语自主练习4 [College English in the Chinese era: Workbook 4]. Fudan University Press. ISBN978-7-309-16182-3/H.3161
4. Tao, W., Xie, Q., Cui, Y., Sun, Y., Lang F., Dai, J., **Ma, Y.**, Xia, Y., Kuang, Y., Kang Z.& Wang, X. (Eds.). (2022) 华时代大学英语综合教程学生用书4 [College English in the Chinese era: Comprehensive course student book 4]. Fudan University Press. ISBN978-7-309-16166-3/H.3150
3. Tao, W., Xie, Q., Cui, Y., Sun, Y., Lang F., Dai, J., **Ma, Y.**, Xia, Y., Kuang, Y., Kang Z.& Wang, X. (Eds.). (2021) 华时代大学英语综合教程教师用书3 [College English in the Chinese

- era: Comprehensive course teacher's book 3]. Fudan University Press. ISBN978-7-89407-550-0/T.H481
2. Tao, W., Xie, Q., Cui, Y., Sun, Y., Lang F., Dai, J., **Ma, Y.**, Xia, Y., Kuang, Y., Kang Z. & Wang, X. (Eds.). (2021) 华时代大学英语自主练习3 [College English in the Chinese era: Workbook 3]. Fudan University Press. ISBN978-7-309-15739-0/H.3099
  1. Tao, W., Xie, Q., Cui, Y., Sun, Y., Lang F., Dai, J., **Ma, Y.**, Xia, Y., Kuang, Y., Kang Z. & Wang, X. (Eds.). (2021) 华时代大学英语综合教程学生用书3 [College English in the Chinese era: Comprehensive course student book 3]. Fudan University Press. ISBN978-7-309-15745-1/H.3103

### Manuscript in preparation

1. **Ma, Y.** & Buccola, B. (2024). Mandarin Chinese collocations support a structural theory of alternatives.

### TEACHING EXPERIENCES

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Fall 2025

*University of Kentucky*

#### **LIN 317-003 Language and Society: Animal Communication**

- Role: Instructor
- Type of students: undergraduates
- Class size: 30

#### **LIN 317-005 Language and Society: Language and the Brain**

- Role: Instructor
- Type of students: undergraduates
- Class size: 30

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Spring 2025

*University of Kentucky*

#### **LIN 317-004 Language and Society: Animal Communication**

- Role: Instructor
- Type of students: undergraduates
- Class size: 30
- Responsibilities: lesson planning, syllabus design, curriculum development, teaching materials selection, class teaching, evaluation, class management

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Fall 2018 – Spring 2020

*Michigan State University*

#### **LIN 226 (LIN 291) Language and the Animals** (Spring 2020, Spring 2021, and Spring 2022)

- Role: Instructor
- Type of students: undergraduates
- Class size: 10 - 25

**IAH 231C Roles of Language in Society: Language and the Brain** (Fall 2018, Fall 2019, Fall 2020, Fall 2021, and Fall 2022)

- Role: Teaching assistant
- Type of students: undergraduates
- Class size: 120 - 150
- Responsibilities: recitation teaching, evaluation, class management

## CONFERENCE PRESENTATIONS

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|------|---|
| 2025 | Biasing Context Facilitates the Processing of Aspectual Verbs in Mandarin Chinese. Poster presented at The 38th Annual Conference on Human Sentence Processing (HSP). March 29, 2025                                |
| 2021 | Aspectual Verbs with Underspecified Representation: An Eye-tracking Study in Mandarin Chinese. Talk presented at The 33rd meeting of the North American Conference on Chinese Linguistics (NACCL-33). June 24, 2021 |
| 2020 | Processing of Complement Coercion: An Eye-tracking Study in Mandarin Chinese. Talk presented at Graduate Linguistics Expo At Michigan State (GLEAMS). October 30, 2020  |
| 2020 | An Eye-tracking Study of Complement Coercion in Mandarin Chinese. Talk presented at Words in the World (WoW) Conference. October 18, 2020   |
| 2019 | Interactions Between Syntax and Semantics. Poster presented at Psycholinguistics in Iceland – Parsing and Prediction Conference. June 19, 2019  |
| 2019 | Semantic Attraction in Sentence Processing. Poster presented at CUNY 2019 32nd Annual CUNY Conference on Human Sentence Processing (CUNY-HSP). March 30, 2019   |
| 2018 | Testing the Independence of the Semantic Analyzer: An ERP Study. Talk presented at Graduate Linguistics Expo At Michigan State (GLEAMS). November 2, 2018   |

### **HONORS AND AWARDS (Total: \$32,800)**

### Special distinction awards

<b>Varg-Sullivan Award for Outstanding Achievement in the Letters (\$2,600)</b> <i>The College of Arts and Letters at Michigan State University</i>	05/2022
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- This award is presented to only one graduate student in the entire College of Arts and Letters every year and recognizes the best-published article in the letters.

### Other competitive awards

Dissertation Completion Fellowship (\$10,000)	Spring 2023
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Graduate School at Michigan State University

Research Enhancement Award (\$600) 06/2022

*Graduate School at Michigan State University*

Summer College Research Abroad Monies (\$3,000) 03/2021

*College of Arts and Letters at Michigan State University*

Summer Support Fellowship (\$4,500) <i>College of Arts and Letters at Michigan State University</i>	02/2020
Graduate School Travel Fellowship (\$1,000) <i>Graduate School at Michigan State University</i>	05/2019
Graduate Student Travel Funding (\$600) <i>Department of Linguistics at Michigan State University</i>	05/2019
Summer Support Fellowship (\$4,500) <i>College of Arts and Letters at Michigan State University</i>	02/2019

## **SERVICE**

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### **For scientific community**

Reviewer for *Cerebral Cortex*, 2023

Reviewer for Psycholinguistics in Iceland – Parsing and Prediction Conference, 2019

### **For university and department**

08/2021 – 05/2022	Department Representative to the Council of Graduate Students at Michigan State University - Contributed to the promotion of a culture of anti-discrimination, diversity, equity, and inclusion for graduate and professional students across the university
08/2021 – 05/2022	Department Representative to the University Committee for the Library
10/2021 – 04/2022	Linguistic Graduate Program’s Annual Review Committee - Co-initiated the amendment of the departmental Annual Review process and led a more transparent annual evaluation structure in the department
08/2018 – 05/2020	Treasurer in Michigan State University Linguistics Student Organization

## **SKILLS**

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**Programming Languages:** R, MATLAB, Python

**Neuroimaging Data Processing:** AFNI (Analysis of Functional NeuroImages), SPM8 (Statistical Parametric Mapping), EEGLAB

**Research and Analytical Methods:** Experimental design, quantitative and qualitative data collection and management, large-dataset data cleaning, univariate and multivariate statistics, hierarchical modeling, model selection, linear and logistic regression, data visualization

**Natural Language Processing (NLP):** various machine learning models and neural networks, Python NLP packages (nlTK, scikit-learn, TensorFlow, Keras, etc.), regular expressions, CoreNLP, VS Code, command line, git, Google Colab