*Curriculum Vitae*

## YE MA
Email: ye.ma@uky.edu
Website: www.linkedin.com/in/yema1992

## PROFESSIONAL APPOINTMENT

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

## EDUCATION

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

## PUBLICATIONS

### 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.


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

### Special distinction awards

**Varg-Sullivan Award for Outstanding Achievement in the Letters** ($2,600)　　　05/2022
*The College of Arts and Letters at Michigan State University*
- 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.

**The 2020 Chinese Government Award for Outstanding Self-financed Students Abroad** ($6,000)
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　09/2021
*Consulate General of The People's Republic of China*
- This award is presented to only 500 doctoral students worldwide every year and recognizes outstanding academic accomplishments during overseas study.


### Other competitive awards

Dissertation Completion Fellowship ($10,000)　　　　　　　　　　　Spring 2023
　　*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)　　　　　　　　　　　　　　　02/2020
　　*College of Arts and Letters at Michigan State University*
Graduate School Travel Fellowship ($1,000)　　　　　　　　　　　　05/2019
　　*Graduate School at Michigan State University*
Graduate Student Travel Funding ($600)　　　　　　　　　　　　　05/2019
　　*Department of Linguistics at Michigan State University*
Summer Support Fellowship ($4,500)　　　　　　　　　　　　　　　02/2019
　　*College of Arts and Letters at Michigan State University*

## TEACHING EXPERIENCES

*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
- Responsibilities: lesson planning, syllabus design, curriculum development, teaching materials selection, class teaching, student evaluation, class management

**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, student evaluation, class management

## CONFERENCE PRESENTATIONS

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. 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

## SERVICE

### 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

**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