

Shota Momma

Department of Psychology
University of California, San Diego
9500 Gilman Dr. La Jolla, CA 92093
Phone: 240-755-9523
Email: smomma@ucsd.edu

Education

- 2016- Postdoctoral researcher in psychology, University of California, San Diego. Advisor: Victor Ferreira
- 2011-2016 Ph.D. in linguistics, University of Maryland. Advisor: Colin Phillips Integrative Graduate Education and Research Traineeship (IGERT)
- 2009-2011 B.S in Psychology (with honors) and B.A in Linguistics, *magna cum laude*, University of Washington. Advisor: Lee Osterhout
- 2007-2009 Associate of Arts, Pierce College

Grants & Awards

- 2015-2016 National Science Foundation # BCS-1530332, DDRI: Fast and Slow Linguistic Prediction, (co-PI with Colin Phillips and Ellen Lau) \$17,951

Papers

- 2016 Chow, W-Y., **Momma, S.**, Smith, C., Lau, E. & Phillips, C. Prediction as Memory Retrieval: Timing and Mechanisms. *Language, Cognition and Neuroscience*. Waiting assignment to an issue.
- 2015 Chacón, A. D., **Momma, S.**, & Phillips, C. Linguistic representations and memory architectures: The devil is in the details. *Behavioral and Brain Sciences* (commentary on target article by Christiansen & Chater). Waiting assignment to an issue.
- Momma, S.**, Slevc, L. R., & Phillips, C. The timing of verb planning in Japanese sentence production. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 41, 6.
- 2014 **Momma, S.**, Slevc, L. R., & Phillips, C. The timing of verb retrieval in English passive and active sentences. *Proceedings of Mental Architecture for Processing and Learning of Language 2014*.
- Under review **Momma, S.**, Slevc, L. R., & Phillips, C. Unaccusativity in sentence production. Under review in *Linguistic Inquiry*.

In prep. **Momma, S.**, Sakai, H., & Phillips, C. Give me several hundred more milliseconds: Temporal dynamics of verb prediction.

In prep. **Momma, S.**, Slevc, L. R., Buffinton, J. & Phillips, C. Grammatical category limits lexical selection in language production.

Conference Presentations

2016 **Momma, S.**, Sakai, H., Luo, Y. & Phillips, C. *Lexical predictions and the structure of semantic memory: EEG evidence from case changes*. Talk given at the 29th annual CUNY Conference on Human Sentence Processing, Gainesville, FL. March 3-5.

Momma, S., Slevc, L. R., & Phillips, C. *Split intransitivity modulates look-ahead effects in sentence planning*. Poster presented at the 29th annual CUNY Conference on Human Sentence Processing, Gainesville, FL. March 3-5.

Momma, S., Slevc, L. R., Buffinton, J. & Phillips, C. *Similar words compete, but only when they're from the same category*. Poster presented at the 29th annual CUNY Conference on Human Sentence Processing, Gainesville, FL. March 3-5.

Momma, S., Slevc, L. R., Buffinton, J. & Phillips, C. *Grammatical category limits lexical selection in language production*. Talk given at the 90th annual meeting of Linguistic Society of America, Washington, DC. January 7-10.

2015 **Momma, S.**, Slevc, L. R., & Phillips, C. *A grammatically conditioned semantic interference effect in a sentence-picture interference study*. Poster presented at Architectures & Mechanisms for Language Processing 2015, Velletra, Malta. September 3-5.

Slevc, R., & **Momma, S.** *Noisy evidence and plausibility influence structural priming*. Poster presented at Architectures & Mechanisms for Language Processing 2015, Velletra, Malta. September 3-5.

Momma, S., Sakai, H., & Phillips, C. *Give me several hundred more milliseconds: the temporal dynamics of verb prediction*. Talk presented at the 28th annual CUNY Conference on Human Sentence Processing, Los Angeles, CA. March 19-21.

Momma, S., Slevc, L. R., & Phillips, C. *The timing of verb planning in active and passive sentence production*. Poster presented at the 28th annual CUNY Conference on Human Sentence Processing, Los Angeles, CA. March 19-21.

- 2014 **Momma, S.**, & Phillips, C. *Looking ahead to verbs in comprehension and production*. Poster presented at Gradient Symbolic Computation Workshop, Baltimore, MD. November 14-15.
- Momma, S.**, Slevc, L. R., & Phillips, C. *The timing of verb retrieval in English passive and active sentences*. Talk given at Mental Architecture for Processing and Learning of Language, Tokyo, Japan. August 12-13.
- Momma, S.**, Slevc, L. R., & Phillips, C. *The effect of syntactic category on advance planning in sentence production*. Poster presented at the 27th annual CUNY Conference on Human Sentence Processing, Columbus, OH. March 13-15.
- 2013 **Momma, S.**, Slevc, L. R., & Phillips, C. *Advance selection of verbs in head-final language production*. Poster presented at the 26th annual CUNY Conference on Human Sentence Processing, Columbia, SC. March 21-23.

Invited Talks

- 2016 *Aligning generation and parsing*. Talk given at the international workshop on language production, La Jolla, California. July 27.
- Are head-final language awful?* Talk given at the Sproctet (sentence processing lab meeting at Northwestern University), Evanston, Illinois. March 10.
- Fast and Slow Linguistic Prediction*. Talk given at Masaya Yoshida's lab meeting, Evanston, Illinois. March 9.
- 2015 *Fast and Slow Linguistic Prediction*. Talk given at the Waseda University 1st BLIT Colloquium, Tokyo, Japan. July 28.
- 2014 *Incrementality and Advance Planning in Sentence Production*. Talk given at the Hiroshima University 91st Kagamiyama Language Science Colloquium, Hiroshima, Japan. July 17.

Teaching Experience

Courses

- Fall 2014 Instructor, LING449D, Undergraduate seminar: Grammatical processes in speaking, University of Maryland: Full responsibility for the course.
- Fall 2013 Teaching Assistant, LING200, Introductory linguistics, University of Maryland: Taught a section of ~30 students, did grading and office hours.

Fall 2012 Teaching Assistant, LING200, Introductory linguistics, University of Maryland: Taught a section of ~30 students, did grading and office hours.

Students Mentored

2015-current Rebecca Kraut, University of Maryland.

2014-Sp2015 Shweta Roy, Eleanor Roosevelt High School, Greenbelt, MD: advised her project on speech word production, which won second prize at the district science fair.

Fall 2014- John Mathena, University of Maryland.

Research Experience

2009-2011 Undergraduate Research Assistant, Osterhout's Cognitive Neuroscience of Language lab, University of Washington.

Professional Services

2014 Co-chair of the committee for Winter Storm 2014 (two-week intensive interdisciplinary workshop on language science)

2013 Member of the committee for Winter Storm 2013 (two-week intensive interdisciplinary workshop on language science)

2013 Co-chair of the committee for Mayfest 2013 (two-day workshop on predictive language processing)

2012 Member of the committee for Mayfest 2012 (two-day workshop on computational psycholinguistics)

Ad Hoc Reviewer

Frontiers in Psychology

Technical Skills

Proficient in programming (MATLAB, Python, R)

Proficient in statistical analysis using R

Proficient in psychological experimental software (Psychopy, PsychToolBox (MATLAB))

Proficient in Event Related Potential (ERP) techniques for Electroencephalography (EEG) data

Language Background

Japanese (Native); English (proficient)

Collaborators

Julia Buffinton	University of Maryland (Linguistics)
Alix Kowalski	University of Maryland (Hearing & Speech Sciences)
Takuya Kubo	Hiroshima University
Ellen Lau	University of Maryland (Linguistics)
Yingyi Luo	Hiroshima University
Hiromu Sakai	Waseda University/Hiroshima University
L. Robert Slevc	University of Maryland (Psychology)
Andrea Zukowki	University of Maryland (Linguistics)

Last updated: 9/15/2016