Shota Momma

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

Academic Positions

2017-2019	Lecturer, University of California, San Diego, Department of Linguistics
2018	Lecturer, University of California, San Diego, Department of Cognitive Science
2016-2019	Lecturer, University of California, San Diego, Department of Psychology
2016-current	Postdoctoral researcher in psychology, University of California, San Diego. Advisor: Victor Ferreira

Education

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

2017	Charles A. Caramello Distinguished Dissertation Award in social science (university-wide doctoral dissertation award). $1000.
2015-2016	National Science Foundation # BCS-1530332, DDRI: Fast and Slow Linguistic Prediction, (co-PI with Colin Phillips and Ellen Lau). $17,951.

Papers

Submitted   **Momma, S.** & Ferreira, S. V. *Beyond linear order: The role of argument structure in speaking.* Under review in *Cognitive Psychology.* Manuscript available upon request.

Momma, S. & Buffinton, J., Slevc L. R. & Phillips, C. *Syntactic category constrains lexical competition in speaking.* Under review in *Cognition.* Manuscript available upon request.

Gruberg, N. Ostrand, R., **Momma, S**. & Ferreira, S. V. *Syntactic entrainment: The repetition of syntactic structures in event descriptions.*

Under review in *Journal of Memory and Language.* Manuscript available upon request.

To appear **Momma, S.** Syntax and speaking. In Goodall, G. (Ed). *Cambridge Handbook of Experimental Syntax.* Manuscript available upon request.

2018 **Momma, S**., & Phillips, C. The relationship between parsing and generation. *Annual Review of Linguistics,* 4, 233-254.

2017 **Momma, S**., Slevc, L. R., & Phillips, C. Unaccusativity in sentence production. *Linguistic Inquiry,* 49 (1), 181-194.

2016 Chow, W-Y., **Momma, S**., Smith, C., Lau, E. & Phillips, C. Prediction as Memory Retrieval: Timing and Mechanisms. L*anguage, Cognition and Neuroscience,* 31, 617-627.

2015 Chacón, A. D., **Momma, S**., & Phillips, C. Linguistic representations and memory architectures: The devil is in the details. *Behavioral and Brain Sciences*, 39. e68.

 Momma, S., Slevc, L. R., & Phillips, C. The timing of verb planning in Japanese sentence production. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 42, 813-824.

2014 **Momma, S**., Slevc, L. R., & Phillips, C. The timing of verb selection in english active and passive sentences. *IEICE technical report*, 114 (176), 139-143.

In prep. **Momma, S**., Sakai, H., & Phillips, C. *Give me several hundred more milliseconds: Temporal dynamics of verb prediction in Japanese.* Abstract available here: https://shotam.github.io/Abstracts/CUNY2015_final.pdf

 Momma, S., Luo, Y., Sakai, H., & Phillips, C. *Prediction as syntactically-constrained memory retrieval: Evidence from EEG.* Abstract available here: https://shotam.github.io/Abstracts/CUNY2017_unacc_final.pdf

 Momma, S., Kraut, B., Slevc., L. R., Phillips, C. *Timing of syntactic and lexical priming reveals structure-building mechanisms in production.* Abstract available here: https://shotam.github.io/Abstracts/CUNY2017_prime_final.pdf

 Momma, S. & Ferreira, S. V. *Filling the gap in gap-filling: long-distance dependency formation in sentence production*. Abstract available here: https://shotam.github.io/Abstracts/CUNY2018_final.pdf

 Momma, S. Yoshida, M. & Ferreira, S. V. *The interaction between long-distance dependencies and dative alternations in speaking.* Abstract available here: https://shotam.github.io/Abstracts/CUNY2019_final.pdf

 Matchin, W. & **Momma, S**. *An incremental approach to syntactic islands.* Manuscript available upon request.

Schulter, Z., **Momma, S.** & Lau, E. *No grammatical illusion with L2-specific memory retrieval cues in agreement processing*. Manuscript available upon request.

Wittenberg, E., **Momma, S** & Kaiser, E. *Complexity matters only when it matters: Pronominal object and event reference rapidly access different aspects of situation models*. Manuscript available upon request.

Conference Presentations

2019	**Momma, S**., Yoshida, M. & Ferreira, V. *Structure before content: long-long-distance dependency in sentence production*. Talk to be given at the 32nd annual CUNY conference on human sentence processing. Boulder, CO, March 29-31. 6.67% acceptance rate for spoken presentations.
2018	**Momma, S**. & Ferriera, V. *Filling the gap in gap filling*. Talk at the 2nd California Meeting on Psycholinguistics. Los Angeles, CA. December 1-2.
	Lau, S., **Momma, S**. & Ferriera, V. *Learning structural alternations: What guides learners' generalization?* Poster at the 8th International Workshop on Language Production (IWLP). Nimegen, Netherlands. July 2-4. Recipient of the 2nd best student research award (€100 award).
	Momma, S. & Ferreira, S. V. *Filling the gap in gap-filling: Long-distance dependency formation in sentence production*. Poster at the 31st annual CUNY Conference on Human Sentence Processing, Davis, CA. March 15-17.
2017	Rodrigues-torres, J., Fung, M., Ferreira, V. & **Momma, S**. *Limits of incrementality in sentence production*. Talk at the 1st California Meeting on Psycholinguistics, Los Angeles, CA. December 2-3.
	Wittenberg, E., **Momma, S.**, Skipper, J. & Kaiser, E. *Complexity matters only when it matters: Pronominal object and event reference rapidly access different aspects of situation models*. Talk at the Architectures & Mechanisms for Language Processing. September 7-9.
	Momma, S., Bowen, Y., Ferreira, V. *Non-linear lexical planning in sentence production*. Talk at the 30th annual CUNY Conference on Human Sentence Processing, Cambridge, MA. March 30-April 1. 10.02% acceptance rate for spoken presentations.
	Momma, S., Kraut, R., Slevc, L. R., Phillips, C. *Timing of syntactic and lexical priming reveals structure-building mechanisms in production*. Poster presented at the 30th annual CUNY Conference on Human Sentence Processing, Cambridge, MA. March 30-April 1.
	Schlueter, Z., **Momma, S.**, Lau, E. *No grammatical illusion with L2-specific memory retrieval cues in agreement processing*. Poster presented

at the 30th annual CUNY Conference on Human Sentence Processing, Cambridge, MA. March 30-April 1.

2016   Schlueter, Z., **Momma, S.**, Lau, E. *Grammatical knowledge without native-like processing routines: Subject-verb agreement in Chinese L2 learners of English.* Talk at the 35th Second Language Research Forum, New York, NY. September 23-24.

Momma, S., Sakai, H., Luo, Y. & Phillips, C. *Lexical predictions and the structure of semantic memory: EEG evidence from case changes.* Talk 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 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, Velletta, Malta. September 3-5.

Slevc, R., & **Momma, S**. *Noisy evidence and plausibility influence structural priming.* Poster presented at Architectures & Mechanisms for Language Processing 2015, Velletta, 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 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

2019	*Unifying parsing and generation.* Job talk at the University of Delaware, Department of Linguistics and Cognitive Sciences.
	Unifying parsing and generation. Job talk at the University of Toronto, Department of Linguistics.
	Unifying parsing and generation. Job talk at the University of Massachusetts, Amherst, Department of Linguistics.
	Unifying parsing and generation. Job talk at Cornell University, Department of Linguistics.
2018	*Aligning parsing and generation.* Job talk at Massachusetts Institute of Technology, Department of Linguistics.
	Aligning parsing and generation. Job talk at the McGill University, Department of Linguistics.
	Aligning parsing and generation. Job talk at Brown University, Department of Cognitive, Linguistic, and Psychological Sciences.
2017	*Aligning parsing and generation.* Job talk at the Stanford University, Department of Linguistics.
	Aligning parsing and generation. Job talk at the University of California, Santa Cruz, Department of Linguistics.
2016	*Are head-final languages really awful?* Talk at Tohoku University seminar in psycholinguistics.
	Are head-final languages really awful? Talk at the Tohoku University MiCS (Michinoku Communication Science Seminar).

Aligning generation and parsing. Talk at the international workshop on language production, La Jolla, California. July 27.

Are head-final languages awful? Talk at the Northwestern University Sprocet (sentence processing lab meeting)

Fast and Slow Linguistic Prediction. Talk at Masaya Yoshida's lab meeting at Northwestern University, Evanston, Illinois. March 9.

2015   *Fast and Slow Linguistic Prediction.* Talk at Waseda University 1st BLIT Colloquium, Tokyo, Japan. July 28.

2014   *Incrementality and Advance Planning in Sentence Production.* Talk at Hiroshima University 91st Kagamiyama Language Science Colloquium. July 17.

Teaching Experience

Graduate-level

Spr. 2018   Instructor, LING240, Research Method (graduate level, 6 students). University of California, San Diego.

Fall 2017   Instructor, LING221, Introduction to syntactic theory (graduate level, ~15 students), University of California, San Diego. Full responsibility for the course.

Undergraduate-level

Spr. 2019   Instructor, LIGN 121, Syntax (~90 students), University of California, San Diego. Full responsibility for the course.

Fall 2019   Instructor, COG 101C, Language (~240 students), University of California, San Diego. Full responsibility for the course.

Fall 2019   Instructor, PSYC145, Psychology of Language (~75 students), University of California, San Diego. Full responsibility for the course.

Spr. 2018   Instructor, LING170, Psycholinguistics (~50 students). University of California, San Diego.

Fall 2017   Instructor, PSYC145, Psychology of Language (~100 students), University of California, San Diego. Full responsibility for the course.

Fall 2016   Instructor, PSYC145, Psychology of Language (~60 students), University of California, San Diego. Full responsibility for the course.

Fall 2014   Instructor, LING449D, Undergraduate seminar: Grammatical processes in speaking (~10 students), 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

2018-current	Jiayi Wang, University of California, San Diego
2018-current	Amanda Allaf, University of California, San Diego
2018-current	Mari Kugemoto, International Christian University
2018-current	Angie Wang, University of California, San Diego
2018-current	Selen Iskenderoglu, University of California, San Diego
2018	Seyedeh Shariatipour, University of California, San Diego
2018	Stephanie Ngo, University of California, San Diego
2016-current	Michelle Fung, University of California, San Diego
2016-2017	Jairo Rodrigues-torres, University of California, San Diego
2016-2017	Yashna Bowen, University of California, San Diego
2014-2017	John Mathena, University of Maryland.
2015-2017	Rebecca Kraut, University of Maryland.
2014-2015	Shweta Roy, Eleanor Roosevelt High School, Greenbelt, MD: advised her project on speech word production, which won second prize at the district science fair.

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

Journal

Frontiers in Psychology; Journal of Cognition; Journal of Memory and Language; Journal of Neurolinguistics; PLoSone; Linguistics in Netherland; Proceedings of the National

Academy of Sciences; Journal of Experimental Psychology: Learning, Memory and Cognition; Second Language Research

Conference

CUNY human sentence processing conference

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.

Experience in setting up an EEG system

Language Background

Japanese (Native); English (proficient)

Collaborators

Julia Buffinton	University of Maryland (Linguistics)
Julie Fadlon	University of California, San Diego (Psychology)
Victor Ferreira	University of California, San Diego (Psychology)
Iva Ivanona	University of Texas at El Paso (Psychology)
Alix Kowalski	University of Maryland (Hearing & Speech Sciences)
Ellen Lau	University of Maryland (Linguistics)
William Matchin	University of California, San Diego (Linguistics)
Naho Orita	Tohoku Univesrity (Information Science)
Colin Phillips	University of Maryland (Linguistics)
Hiromu Sakai	Waseda University/Hiroshima University
Zoe Schlueter	University of Maryland (Linguistics)
L. Robert Slevc	University of Maryland (Psychology)
Eva Wittenberg	University of California, San Diego (Linguistics)
Masaya Yoshida	Northwestern University (Linguistics)
Andrea Zukowki	University of Maryland (Linguistics)