

# JULIAN GROVE

## CONTACT INFORMATION

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ADDRESS: 507 Lattimore Hall  
Department of Linguistics  
University of Rochester  
500 Joseph C. Wilson Blvd.  
Rochester, New York 14627  
United States

EMAIL [julian.grove@gmail.com](mailto:julian.grove@gmail.com)  
WEB [juliangrove.github.io/](http://juliangrove.github.io/)  
GITHUB <https://github.com/juliangrove/>

## EMPLOYMENT

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2022– **The University of Rochester**  
Post-doctoral researcher  
FACTS.lab (directed by Aaron Steven White)  
Department Linguistics  
2020–2022 **The University of Gothenburg**  
Post-doctoral researcher  
Centre for Linguistic Theory and Studies in Probability  
Department of Philosophy, Linguistics and Theory of Science

## EDUCATION

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2012–2019 **The University of Chicago**  
PhD in Linguistics  
*Thesis:* Scope-taking and presupposition satisfaction  
*Committee:* Chris Kennedy (chair), Itamar Francez, Greg Kobele, Malte Willer  
2006–2010 **Johns Hopkins University**  
BA (with general and departmental honors) in Cognitive Science

## PUBLICATIONS

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### Papers

- 2022 **Julian Grove**. Presupposition projection as a scope phenomenon. In *Semantics & Pragmatics* 15(15). doi:[10.3765/sp.15.15](https://doi.org/10.3765/sp.15.15).
- 2022 **Julian Grove** & Jean-Philippe Bernardy. Algebraic effects for extensible dynamic semantics. In *Journal of Logic, Language and Information*. Early access. doi:[10.1007/s10849-022-09378-7](https://doi.org/10.1007/s10849-022-09378-7).
- 2022 Jean-Philippe Bernardy, **Julian Grove**, & Christine Howes. Rational Speect Act models are utterance-independent updates of world priors. Proceedings of the 26th Workshop on the Semantics and Pragmatics of Dialogue. Available at <http://semdial.org/anthology/papers/Z/Z22/Z22-3013/>.
- 2022 **Julian Grove** & Jean-Philippe Bernardy. Probabilistic compositional semantics, purely. To appear in proceedings of JSAIL-2021/LENLS18. Currently available at <https://lingbuzz.net/lingbuzz/006284/>.
- 2021 **Julian Grove**, Jean-Philippe Bernardy, & Stergios Chatzikyriakidis. From compositional semantics to Bayesian pragmatics via logical inference. Proceedings of Natural Logic Meets Machine Learning II, Workshop @IWCS. Published by the Association for Computational Linguistics. Available at <https://aclanthology.org/2021.naloma-1.8/>.
- 2019 Ming Xiang, **Julian Grove**, & Jason Merchant. Structural priming in production through ‘silence’: An investigation of verb phrase ellipsis and null complement anaphora. In *Glossa: a journal of general linguistics* 4(1): 67. 125. doi:[10.5334/gjgl.726](https://doi.org/10.5334/gjgl.726).

- 2017 Emily Hanink & **Julian Grove**. German relative clauses and the severed-index hypothesis. In Proceedings of the 34th annual meeting of the West Coast Conference on Formal Linguistics, ed. Aaron Kaplan, et al., 241-248, Somerville, MA: Cascadia Proceedings Project.
- 2016 Ming Xiang, **Julian Grove**, & Anastasia Giannakidou. Semantic and pragmatic processes in the comprehension of negation: an event related potential study of negative polarity sensitivity. In *Journal of Neurolinguistics*, 38:71-88.
- 2016 **Julian Grove** & Emily Hanink. Article selection and anaphora in the German relative clause. In Proceedings of the 26th annual meeting of Semantics and Linguistic Theory, ed. Mary Maroney, Carol-Rose Little, Jacob Collard, and Dan Burgdorf, 417-432. Ithaca, NY: Cornell.
- 2015 **Julian Grove**. Singular count pseudo-partitives. In Proceedings of Sinn und Bedeutung 19, 248-265.
- 2014 **Julian Grove**. The lexical semantics of much: conversion from intervals to degrees. In Proceedings of the 44th Annual Meeting of the North Eastern Linguistic Society.
- 2013 Ming Xiang, **Julian Grove**, & Anastasia Giannakidou. Dependency-dependent interference: NPI interference, agreement attraction, and global pragmatic inferences. In *Frontiers in Psychology*, 4(708). DOI:10.3389/fpsyg.2013.00708.
- 2011 Carissa Abrego-Collier, **Julian Grove**, Morgan Sonderegger, & Alan Yu. Effects of speaker evaluation on phonetic convergence. In Proceedings of the 17th International Congress of Phonetic Sciences.
- 2011 Alan Yu, **Julian Grove**, Martina Martinović, & Morgan Sonderegger. Effects of working working memory capacity and “autistic traits” on phonotactic effects in speech perception. In Proceedings of the 17th International Congress of Phonetic Sciences.

### In prep

- in prep. **Julian Grove**. An alternative semantics for presupposition. To appear in the Proceedings of the Amsterdam Colloquium 2022.
- in prep. **Julian Grove** & Jean-Philippe Bernardy. Bayesian semantics in typed  $\lambda$ -calculus.
- in prep. Jean-Philippe Bernardy, **Julian Grove**, and Chris Howes. The informative speech act.

### Edited volumes

- 2016 Ross Burkholder, Carlos Cisneros, Emily R. Coppess, **Julian Grove**, Emily A. Hanink, Hilary McMahan, Cherry Meyer, Natalia Pavlou, Özge Sarıgül, Adam Roth Singerman, & Anqi Zhang (eds.). *Proceedings of the Fiftieth Annual Meeting of the Chicago Linguistic Society*. CLS.

### Selected code

- 2021 Haskell code for the paper ‘Probabilistic compositional semantics, purely’, presented at LENLS18. Available at <https://github.com/juliangrove/grove-bernardy-lenls18>.
- 2021 Haskell code for the paper ‘From compositional semantics to Bayesian pragmatics via logical inference’, in the proceedings of NALOMA II. Available at <https://github.com/juliangrove/grove-bernardy-chatzikyriakidis-naloma2021>.
- 2019 Grammar fragment implementing a significant portion of my dissertation work, written in Haskell. Available at <https://github.com/juliangrove/presupposition>.

## PRESENTATIONS

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### Invited talks

- 2022 **Julian Grove.** Probabilities for the stubborn semanticist. Invited talk at the Manchester Forum in Linguistics, Department of Linguistics and English Language, the University of Manchester.
- 2021 **Julian Grove.** Presupposition projection as a scope phenomenon. Talk presented at the LINGUAE research group, Institut Jean-Nicod.
- 2019 **Julian Grove.** Satisfaction without provisos. Talk presented at the SURGE reading group, Department of Linguistics, Rutgers University.

### Refereed conference presentations

- 2022 Jean-Philippe Bernardy, **Julian Grove**, & Christine Howes. Rational Speech Act models are utterance-independent updates of world priors. Paper presented at the 26th Workshop on the Semantics and Pragmatics of Dialogue. Slides available at [https://juliangrove.github.io/slides/sem2022\\_talk.pdf](https://juliangrove.github.io/slides/sem2022_talk.pdf).
- 2021 **Julian Grove** & Jean-Philippe Bernardy. Probabilistic compositional semantics, purely. Paper presented at Logic and Engineering of Natural Language Semantics 18.
- 2021 **Julian Grove**, Jean-Philippe Bernardy, & Stergios Chatzikyriakidis. From compositional semantics to Bayesian pragmatics via logical inference. Paper presented at Natural Logic Meets Machine Learning II, Workshop @IWCS 2021.
- 2016 Emily Hanink & **Julian Grove**. German relative clauses and the severed-index hypothesis. Talk presented at the 52nd annual meeting of the Chicago Linguistic Society. April, Chicago.
- 2016 **Julian Grove**, Emily Hanink, & Ming Xiang. Comprehension priming evidence for elliptical structures. Poster presented at the 29th annual meeting of the CUNY Conference on Human Sentence Processing. March, Gainesville.
- 2015 **Julian Grove**. Semantic layers in DP. Poster presented at the 33rd West Coast Conference on Formal Linguistics. March, Vancouver.
- 2014 **Julian Grove**. The ubiquitous pseudopartitive head: evidence from Spanish and English. Talk presented at GWAMP 14, University of Wisconsin-Milwaukee. October, Milwaukee.
- 2014 **Julian Grove**, Emily Hanink, & Ming Xiang. Comprehension Priming Evidence for Elliptical Structures. Poster presented at the 20th annual meeting of AMLaP. September, Edinburgh.
- 2014 **Julian Grove**. The semantics of much-support. Talk presented at the 88th annual meeting of the Linguistic Society of America. January, Minneapolis.
- 2014 Ming Xiang, **Julian Grove**, Jason Merchant, Genna Vegh, Stefan Bartel, & Katina Vradelis. Ellipsis sites induce syntactic priming effects. Poster presented at the 88th annual meeting of the Linguistic Society of America. January, Minneapolis.
- 2013 Ming Xiang, **Julian Grove**, & Anastasia Giannakidou. Semantic and pragmatic licensing of NPIs. Talk presented at the 5th Experimental Pragmatics Conference. June, Utrecht.
- 2013 Ming Xiang, **Julian Grove**, Jason Merchant, Genna Vegh, Stefan Bartel, & Katina Vradelis. Silent structures in ellipsis: evidence from syntactic priming. Poster presented at the 26th annual meeting of the CUNY Conference on Human Sentence Processing. March, Columbia.
- 2012 Ming Xiang, **Julian Grove**, & Anastasia Giannakidou. Processing lexical semantic features on functional words—a case of negative polarity items. Poster presented at the 4th Neurobiology of Language Conference. October, San Sebastian.
- 2012 Ming Xiang, Anastasia Giannakidou, & **Julian Grove**. Two stages of NPI licensing: an ERP study. Poster presented at the 25th annual meeting of the CUNY Conference on Human Sentence Processing. March, NYC.

- 2012 Ming Xiang, Anastasia Giannakidou, & **Julian Grove**. Strength of negation and licensing negative polarity items: an ERP study. Poster presented at the Cognitive Neuroscience Society annual meeting. March, Chicago.
- 2012 Ming Xiang, Jason Merchant, & **Julian Grove**. Silent Structures in Ellipsis: Priming and Anti-priming Effects. Poster presented at the 86th annual meeting of the Linguistics Society of America, Portland.
- 2011 Ming Xiang, **Julian Grove**, & Anastasia Giannakidou. 2011. Interference “licensing” of NPIs: Pragmatic reasoning and individual differences. Poster presented at the 24th annual meeting of the CUNY Conference on Human Sentence Processing. March, Stanford.

### Other presentations

- 2022 **Julian Grove**. Some questions about vagueness and metalinguistic uncertainty. Talk presented at the FACTS.lab, Department of Linguistics, University of Rochester.
- 2021 **Julian Grove**. Probabilistic compositional semantics, purely. Talk presented at the Centre for Linguistic Theory and Studies in Probability, Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg.
- 2021 **Julian Grove**. Presupposition projection as a scope phenomenon. Talk presented at the Linguistics Research Seminar, University of Gothenburg.
- 2020 **Julian Grove**. Algebraic effects in Montague semantics. Talk presented at the Centre for Linguistic Theory and Studies in Probability, Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg.
- 2018 **Julian Grove**. Presuppositions taking scope. Talk presented at the University of Chicago Linguistics & Philosophy workshop.

## TEACHING & OTHER WORK

### The University of Gothenburg

- 2022 Instructor, Type theory and effect systems in computational semantics

### The University of Chicago

- 2019 Instructor, Introduction to Linguistics
- 2019 Instructor, Introduction to Semantics and Pragmatics
- 2018 TA, Elementary Logic (Instructor: Malte Willer)
- 2018 TA, Cognition (Instructors: Chris Kennedy and Jason Bridges)
- 2017 TA, Elementary Logic (Instructor: Thomas Pashby)
- 2017 TA, Code Making, Code Breaking (Instructor: Chris Kennedy)
- 2017 Instructor, Introduction to Syntax
- 2016 TA, Introduction to Semantics and Pragmatics (Instructor: Itamar Francez)
- 2016 TA, Introduction to Linguistics (Instructor: Katie Franich)
- 2015 TA, Introduction to Semantics (2017 LSA Summer Institute; Instructor: Chris Kennedy)
- 2014 TA, Introduction to Linguistics (Instructor: Karlos Arregi)
- 2018 (summer) Research assistant, University of Chicago, Department of Linguistics (PI: Chris Kennedy)
- 2010–2012 Lab manager, University of Chicago Language Processing Lab (PI: Ming Xiang) and University of Chicago Phonology Lab (PI: Alan Yu)

## SERVICE

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2022	Reviewer, EACL 2023
2022	Reviewer, Synthese
2022	Reviewer, (Dis)embodiment Workshop 2022 (held at the University of Gothenburg)
2022	Reviewer, Journal of Semantics
2022	Reviewer, Linguistics and Philosophy
2021	Reviewer, Journal of Logic, Language and Information
2019	Reviewer, 55th Annual Meeting of the Chicago Linguistic Society
2018	Reviewer, 54th Annual Meeting of the Chicago Linguistic Society
2017	Reviewer, 53rd Annual Meeting of the Chicago Linguistic Society
2016	Reviewer, 52nd Annual Meeting of the Chicago Linguistic Society
2015	Reviewer, 51st Annual Meeting of the Chicago Linguistic Society
2014	Conference organizer and reviewer, 50th Annual Meeting of the Chicago Linguistic Society
2013	Reviewer, 49th Annual Meeting of the Chicago Linguistic Society

## ADDITIONAL SKILLS

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Natural languages	English (native), Spanish (advanced), German (intermediate)
Programming languages	Haskell, Coq, Ocaml, Nix, Java, R, Python
Markup languages and software	TEX, Emacs, E-Prime, HTML, Praat
Tools	Linux (Arch and NixOS) and Unix, Amazon Mechanical Turk