

Gregory Scontras

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University of California, Irvine
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PROFESSIONAL POSITIONS

University of California, Irvine (2020–*present*)

Associate professor, Language Science

Affiliated faculty, Logic and Philosophy of Science

Affiliated faculty, Center for Theoretical Behavioral Sciences (founded 2022)

Affiliated faculty, Institute for Mathematical Behavioral Sciences (closed 2022)

University of California, Irvine (2016–2020)

Assistant professor, Language Science

Affiliated faculty, Logic and Philosophy of Science

Affiliated faculty, Institute for Mathematical Behavioral Sciences

Harvard University (Fall 2017)

Visiting assistant professor, Linguistics

Stanford University (2014–2016)

Post-doctoral scholar, Psychology (Computation & Cognition Lab)

EDUCATION AND TRAINING

European Summer School in Logic, Language and Information (2009, 2015)

Coursework in theoretical linguistics, statistics and philosophical logic

Harvard University (2008–2014)

Ph.D. in linguistics, November 2014

Thesis: *The Semantics of Measurement*

Advisor: Gennaro Chierchia

Massachusetts Institute of Technology (2008–2010)

Coursework in theoretical linguistics and cognitive science

Boston University (2004–2008)

B.A. *summa cum laude* in linguistics (with distinction) and in philosophy, May 2008

Thesis: *The Semantics of Plural Superlatives*

Minor: Spanish language and literature

FELLOWSHIPS, GRANTS, AND HONORS

Faculty Academy for Teaching Excellence fellow, UC Irvine (2024 inductee)

Building Intellectual Community Grant for the 15th Heritage Language Research Institute (with Julio Torres), UC Irvine Humanities Center (2023–2024)

Initiation of International Collaboration Grant for modeling the role of loopholes in polite communication (with Nicole Gotzner), Deutsche Forschungsgemeinschaft (German Research Foundation) (2023–2024)

William K. and Katherine W. Estes Fund Award for a summer school on computational cognitive modeling for language at UC Irvine (with Richard Futrell, Lisa Pearl, and Sameer Singh), Association for Psychological Science and Psychonomic Society (2020–2022)

Senior ZAS Fellowship in Semantics and Pragmatics, Leibniz-Zentrum Allgemeine Sprachwissenschaft, Berlin (2021)

Inclusive Excellence Spirit Award for a linguistic diversity film+talk series (with Judith Kroll, Elizabeth Peña, and Julio Torres), UC Irvine (2019–2020)

Mercator Fellowship, Deutsche Forschungsgemeinschaft (German Research Foundation), University of Tübingen (2018–2019)

ADVANCE Career Development Award, UC Irvine (2017)

Fellowship, SIAS Summer Institute on the investigation of linguistic meaning, National Humanities Center and Wissenschaftskolleg zu Berlin (2015–2016)

Mind/Brain/Behavior Initiative Graduate Student Award for experimental research, Harvard University (2011)

Sosland Family Graduate Fellowship, Harvard University (2009–2010)

Peter A. Bertocci Award for philosophical excellence, Boston University (2008)

Ken Hale Award in Linguistics, Boston University (2008)

Phi Beta Kappa junior inductee (2007)

Barbara Argote Junior Award in Linguistics, Boston University (2007)

PUBLICATIONS

Refereed Journal Articles

1. Scontras, Gregory, and Edward Gibson. 2011. A quantitative investigation of the imperative–and–declarative construction in English. *Language* 87, 817–829. doi:10.1353/lan.2011.0079.
2. Scontras, Gregory, Peter Graff, and Noah D. Goodman. 2012. Comparing pluralities. *Cognition* 123, 190–197. doi:10.1016/j.cognition.2011.12.012.
3. Scontras, Gregory, and Andreea Nicolae. 2014. Saturating syntax: Linkers and modification in Tagalog. *Lingua* 149, 17–33. doi:10.1016/j.lingua.2014.05.005.

4. Scontras, Gregory, William Badecker, Lisa Shank, Eunice Lim, and Evelina Fedorenko. 2015. Syntactic complexity effects in sentence production. *Cognitive Science* 39, 559–583. doi:10.1111/cogs.12168.
5. Scontras, Gregory, Zuzanna Fuchs, and Maria Polinsky. 2015. Heritage language and linguistic theory. *Frontiers in Psychology* 6, 1545. doi:10.3389/fpsyg.2015.01545.
6. Fuchs, Zuzanna, Maria Polinsky, and Gregory Scontras. 2015. The differential representation of number and gender in Spanish. *The Linguistic Review* 32, 703–737. doi:10.1515/tlr-2015-0008.
7. Scontras, Gregory, Judith Degen, and Noah D. Goodman. 2017. Subjectivity predicts adjective ordering preferences. *Open Mind* 1, 53–66. doi:10.1162/OPML_a.00005.
8. Scontras, Gregory. 2017. A new kind of degree. *Linguistics and Philosophy* 40, 165–205. doi:10.1007/s10988-016-9200-9.
9. Scontras, Gregory, Maria Polinsky, C.-Y. Edwin Tsai, and Kenneth Mai. 2017. Cross-linguistic scope ambiguity: When two systems meet. *Glossa: A journal of general linguistics* 2, 36. doi:10.5334/gjgl.198.
10. Scontras, Gregory, and Noah D. Goodman. 2017. Resolving uncertainty in plural predication. *Cognition* 168, 294–311. doi:10.1016/j.cognition.2017.07.002.
11. Scontras, Gregory, William Badecker, and Evelina Fedorenko. 2017. Syntactic complexity effects in sentence production: A reply to MacDonald et al. (2016). *Cognitive Science* 41, 2280–2287. doi:10.1111/cogs.12495.
12. Scontras, Gregory, Maria Polinsky, and Zuzanna Fuchs. 2018. In support of representational economy: Agreement in heritage Spanish. *Glossa: A journal of general linguistics* 3, 1. doi:10.5334/gjgl.164.
13. Degen, Judith, Andreas Trotzke, Gregory Scontras, Eva Wittenberg, and Noah D. Goodman. 2019. Definitely, maybe: A new experimental paradigm for investigating the pragmatics of evidential devices across languages. *Journal of Pragmatics* 140, 33–48. doi:10.1016/j.pragma.2018.11.015.
14. Scontras, Gregory, Judith Degen, and Noah D. Goodman. 2019. On the grammatical source of adjective ordering preferences. *Semantics and Pragmatics* 12, 7. doi:10.3765/sp.12.7.
15. Polinsky, Maria, and Gregory Scontras. 2020. Understanding heritage languages. *Bilingualism: Language and Cognition* 23, 4–20. doi:10.1017/S1366728919000245.
16. Polinsky, Maria, and Gregory Scontras. 2020. A roadmap for heritage language research. *Bilingualism: Language and Cognition* 23, 50–55. doi:10.1017/S1366728919000555.
17. Scontras, Gregory, and Michael T. Putnam. 2020. Lesser-studied heritage languages: An appeal to the dyad. *Heritage Language Journal* 17, 152–155. doi:10.46538/hlj.17.2.2.
18. Scontras, Gregory, and Lisa S. Pearl. 2021. When pragmatics matters more for truth-value judgments: An investigation of quantifier scope ambiguity. *Glossa: A journal of general linguistics* 6: 110, 1–37. doi:10.16995/glossa.5724.

19. Laleko, Oksana, and Gregory Scontras. 2021. On the many dimensions of complexity in heritage languages. *Heritage Language Journal* 18(2), 1–37. doi:10.1163/15507076-12340009.
20. Achimova, Asya, Gregory Scontras, Christian Stegemann–Philipps, Johannes Lohmann, and Martin V. Butz. 2022. Learning about others: Modeling social inference through ambiguity resolution. *Cognition* 218, 104862. doi:10.1016/j.cognition.2021.104862.
21. Scontras, Gregory. 2022. On the semantics of number morphology. *Linguistics and Philosophy* 45, 1165–1196. doi:10.1007/s10988-021-09345-8.
22. Kroll, Judith F., Ariel Chan, Andrew Cheng, and Gregory Scontras. 2023. How to frame bilingualism in context: Putting people and places in mind. *Bilingualism: Language and Cognition* 26, 17–19. doi:10.1017/S1366728922000074.
23. Scontras, Gregory. 2023. Adjective ordering across languages. *Annual Review of Linguistics* 9, 357–376. doi:10.1146/annurev-linguistics-030521-041835.
24. Achimova, Asya, Gregory Scontras, Ella Eisemann, and Martin V. Butz. 2023. Active iterative social inference in multi-trial signaling games. *Open Mind* 7, 111–129. doi:10.1162/opmi_a_00074.
25. Dyer, William, Charles Torres, Gregory Scontras, and Richard Futrell. 2023. Evaluating a century of progress on the cognitive science of adjective ordering. *Transactions of the Association for Computational Linguistics* 11, 1185–1200. doi:10.1162/tacl_a_00596.
26. Scontras, Gregory. 2024. On the compatibility of models with experiments. *Linguistic Approaches to Bilingualism* 14, 96–98. doi:10.1075/lab.23050.sco.
27. Gotzner, Nicole, and Gregory Scontras. 2024. On the role of loopholes in polite communication: Linking subjectivity and pragmatic inference. *Open Mind* 8, 500–510. doi:10.1162/opmi_a_00133.
28. Coon, Jeff, Alexander Etz, Gregory Scontras, and Barbara W. Sarnecka. 2024. Esports as a cultural microcosm for studying psycholinguistics. *Games and Culture* 19, 357–372. doi:10.1177/15554120231164554.

Refereed Conference Proceedings

29. Nicolae, Andreea, and Gregory Scontras. 2011. How does *who* compose? In L. Clemens, G. Scontras, and M. Polinsky (Eds.) *Proceedings of AFLA 18*, 125–139.
30. Scontras, Gregory. 2013. A unified semantics for number marking, numerals, and nominal structure. In E. Chemla, V. Homer, and G. Winterstein (Eds.) *Proceedings of Sinn und Bedeutung 17*, 545–562.
31. Scontras, Gregory. 2013. Accounting for counting: A unified semantics for measure terms and classifiers. In T. Snider (Ed.) *Proceedings of SALT 23*, 549–569.
32. Scontras, Gregory, C.-Y. Edwin Tsai, Kenneth Mai, and Maria Polinsky. 2014. Chinese scope: An experimental investigation. In U. Etxeberria, A. Fălăuş, A. Irurtzun, and B. Leferman (Eds.) *Proceedings of Sinn und Bedeutung 18*, 396–414.
33. Scontras, Gregory. 2014. Amount semantics. In T. Snider (Ed.) *Proceedings of SALT 24*, 310–329.

34. Tsai, C.-Y. Edwin, Gregory Scontras, Kenneth Mai, and Maria Polinsky. 2014. Prohibiting inverse scope: An experimental study of Chinese vs. English. In C. Piñón (Ed.) *Empirical Issues in Syntax and Semantics 10*, 305–322.
35. Scontras, Gregory, Kathryn Davidson, Amy Rose Deal, and Sarah E. Murray. 2017. *Who has more?* The influence of linguistic form on quantity judgments. *Proceedings of the Linguistic Society of America* 2, 41:1–15.
36. Savinelli, K. J., Gregory Scontras, and Lisa Pearl. 2017. Modeling scope ambiguity resolution as pragmatic inference: Formalizing differences in child and adult behavior. *Proceedings of the 39th Annual Meeting of the Cognitive Science Society*, 3064–3069.
37. Savinelli, K. J., Gregory Scontras, and Lisa Pearl. 2018. Exactly two things to learn from modeling scope ambiguity resolution: Developmental continuity and numeral semantics. *Proceedings of the 8th Workshop on Cognitive Modeling and Computational Linguistics (CMCL 2018)*, 67–75.
38. Bar-Sever, Galia, Rachael Lee, Gregory Scontras, and Lisa Pearl. 2018. Little lexical learners: Quantitatively assessing the development of adjective ordering preferences. *Proceedings of the 42nd Annual Boston University Conference on Language Development*, 58–71.
39. Rosales, Cesar Manuel, Jr., and Gregory Scontras. 2019. On the role of conjunction in adjective ordering preferences. *Proceedings of the Linguistic Society of America* 4, 32:1–12.
40. Samonte, Suttera, and Gregory Scontras. 2019. Adjective ordering in Tagalog: A cross-linguistic comparison of subjectivity-based preferences. *Proceedings of the Linguistic Society of America* 4, 33:1–13.
41. Franke, Michael, Gregory Scontras, and Mihael Simonič. 2019. Subjectivity-based adjective ordering maximizes communicative success. *Proceedings of the 41st Annual Meeting of the Cognitive Science Society*, 344–350.
42. Lund, Gunnar, Rebecca Jarvis, and Gregory Scontras. 2019. The pragmatics of semantic change: Modeling the progressive-to-imperfective shift. *Proceedings of Sinn und Bedeutung* 23, 73–90.
43. Shi, Yuxin, and Gregory Scontras. 2020. Mandarin has subjectivity-based adjective ordering preferences in the presence of ‘de’. *Proceedings of the Linguistic Society of America* 5, 410–418.
44. Kachakeche, Zeinab, and Gregory Scontras. 2020. Adjective ordering in Arabic: Post-nominal structure and subjectivity-based preferences. *Proceedings of the Linguistic Society of America* 5, 419–430.
45. Futrell, Richard, William Dyer, and Gregory Scontras. 2020. What determines the order of adjectives in English? Comparing efficiency-based theories using dependency treebanks. *Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics*, 2003–2012.
46. Scontras, Gregory, Galia Bar-Sever, Zeinab Kachakeche, Cesar Manuel Rosales Jr., and Suttera Samonte. 2020. Incremental semantic restriction and subjectivity-based adjective ordering. *Proceedings of Sinn und Bedeutung* 24, 253–270.

47. Attali, Noa, Gregory Scontras, and Lisa S. Pearl. 2021. Every quantifier isn't the same: Informativity matters for ambiguity resolution in quantifier-negation sentences. *Proceedings of the Society for Computation in Linguistics* 4, article 44.
48. Song, Yongjia, Abimael Hernandez Jimenez, and Gregory Scontras. 2021. Cross-linguistic scope ambiguity: An investigation of English, Spanish, and Mandarin. *Proceedings of the Linguistic Society of America* 6, 572–586.
49. Kachakeche, Zeinab, Richard Futrell, and Gregory Scontras. 2021. Word order affects the frequency of adjective use across languages. *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society*, 3006–3012.
50. Coon, Jeff, Alexander Etz, Gregory Scontras, and Barbara Sarnecka. 2021. Experts interpret generalizations differently than novices. *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society*, 3109–3115.
51. Attali, Noa, Gregory Scontras, and Lisa S. Pearl. 2021. Pragmatic factors can explain variation in interpretation preferences for quantifier-negation utterances: A computational approach. *Proceedings of the 43rd Annual Meeting of the Cognitive Science Society*, 917–923.
52. Dyer, William, Richard Futrell, Zoey Liu, and Gregory Scontras. 2021. Predicting cross-linguistic adjective order with information gain. *Findings of the Association for Computational Linguistics*, 957–967.
53. Kachakeche, Zeinab, Gregory Scontras, and Richard Futrell. 2022. The efficiency of dropping vowels in Romanised Arabic script. *Proceedings of the 44th Annual Meeting of the Cognitive Science Society*, 1505–1511.
54. Coon, Jeff, Alexander Etz, Gregory Scontras, and Barbara Sarnecka. 2022. Adjusting the use of generalizations based on audience expertise. *Proceedings of the 44th Annual Meeting of the Cognitive Science Society*, 1827–1833.
55. Attali, Noa, Lisa S. Pearl, and Gregory Scontras. 2023. Corpus evidence for the role of world knowledge in ambiguity reduction: Using high positive expectations to inform quantifier scope. *Proceedings of ELM* 2, 13–23.
56. Yeaton, Jeremy, María Muelas Gil, and Gregory Scontras. 2023. Gender-inclusive language as a Rational Speech Act in Spanish. *Proceedings of the Linguistic Society of America* 8, 5529.
57. Li, Yanting, Gregory Scontras, and Richard Futrell. 2023. Chinese words shorten in more predictive contexts. *Proceedings of the 45th Annual Meeting of the Cognitive Science Society*, 1286–1291.
58. Song, Yongjia, Kathlyn Canales, Yuting Gu, Jiachen Jin, Jian Meng, Yiqun Zhang, Judith Kroll, and Gregory Scontras. 2023. Lexical entrainment in bilingual language use. *Proceedings of the 45th Annual Meeting of the Cognitive Science Society*, 2296–3002.
59. Scontras, Gregory, and Judith Tonhauser. Projection without lexically-specified presupposition: A model for *know*. To appear in *Proceedings of Sinn und Bedeutung* 29.

Book Chapters and Working Papers

60. Nicolae, Andreea, and Gregory Scontras. 2015. The progression of gender from Latin to Romanian. In A. Nicolae and G. Scontras (Eds.) *Harvard Working Papers in Linguistics 13*, 81–99.
61. Scontras, Gregory. Measure phrases. 2021. In D. Gutzmann, L. Matthewson, C. Meier, H. Rullmann, and T. E. Zimmermann (Eds.) *The Wiley Blackwell Companion to Semantics*. doi:10.1002/9781118788516.sem002.
62. Nicolae, Andreea, and Gregory Scontras. 2022. On the status of post-nominal Q superlatives in Romanian. In N. Gotzner and U. Sauerland (Eds.) *Measurements, Numerals and Scales: Essays in Honour of Stephanie Solt*, 211–229. doi:10.1007/978-3-030-73323-0_11.
63. Fuchs, Zuzanna, Maria Polinsky, and Gregory Scontras. 2024. Explaining gender: Lessons from Heritage Spanish. In Kleanthes Grohmann (Ed.) *Multifaceted Multilingualism*, 292–326. doi:10.1075/sibil.66.12fuc.
64. Varatharaj, Ashvini, Gregory Scontras, and Naomi Nagy. 2024. A multi-generational analysis of heritage language complexity. In M. Polinsky and M. T. Putnam (eds.), *Formal approaches to complexity in heritage languages*, 133–152. doi:10.5281/zenodo.12090443.

Technical Reports

65. Pearl, Lisa, Gregory Scontras, and Sameer Singh. 2017. Large-scale sophisticated linguistic monitoring. *A Decadal Survey of the Social and Behavioral Sciences for National Security*, Division of Behavioral and Social Sciences and Education (DBASSE) of the National Academies.

Edited Volumes

66. Clemens, Lauren, Vera Gribova, and Gregory Scontras (eds.). 2025. Syntax in Uncharted Territories: Essays in Honor of Maria Polinsky. *eScholarship*. Retrieved from https://escholarship.org/uc/uci_langsci_festschrifts_polinsky.

Books (Web)

67. Scontras, Gregory, Michael Henry Tessler, and Michael Franke. *Probabilistic language understanding: An introduction to the Rational Speech Act framework*. Retrieved from <https://www.problang.org/>.

REFEREED CONFERENCE PRESENTATIONS

- Scontras, Gregory. 2009. Group Comparison: Evidence from Plural Superlatives. Poster presented at Console XVIII.
- Graff, Peter and Gregory Scontras. 2010. Metathesis as Asymmetric Perceptual Realignment. 84th Annual Meeting of the Linguistic Society of America.
- Scontras, Gregory, Peter Graff and Noah Goodman. 2010. Comparing Pluralities. The 46th Annual Meeting of the Chicago Linguistic Society.

- Graff, Peter, and Gregory Scontras. 2010. Metathesis as Asymmetric Perceptual Realignment. Poster presented at The 28th West Coast Conference on Formal Linguistics.
- Nicolae, Andreea, and Gregory Scontras. 2010. What Austronesian Tells us about *Who*. The 17th Annual Meeting of the Austronesian Formal Linguistics Association.
- Scontras, Gregory, Peter Graff and Noah Goodman. 2011. Plural Comparison and Collective Predication. The 85th Annual Meeting of the Linguistic Society of America.
- Nicolae, Andreea, and Gregory Scontras. 2011. Simplifying Semantic Composition: Evidence from Tagalog. The 18th Annual Meeting of the Austronesian Formal Linguistics Association.
- Scontras, Gregory. 2011. Stubborn Distributivity and Groups. Poster presented at The 29th West Coast Conference on Formal Linguistics.
- Nicolae, Andreea, and Gregory Scontras. 2011. Saturating Syntax: Linkers and Modification in Tagalog. Workshop on Modification (with & without modifiers). CCHC-CSIC, Madrid.
- Scontras, Gregory. 2012. A Unified Semantics for Number Marking, Numerals, and Nominal Structure. *Sinn und Bedeutung* (SuB) 17.
- Scontras, Gregory, Peter Graff, Tami Forrester, and Noah D. Goodman. 2013. Context Sensitivity in Collective Predication. Poster presented at the 87th Annual Meeting of the Linguistic Society of America.
- Gibson, Edward, and Gregory Scontras. 2013. Working memory and syntactic islands revisited. Poster presented at the 26th Annual CUNY Conference on Human Sentence Processing.
- Scontras, Gregory. 2013. Accounting for Counting: A Unified Semantics for Measure Terms and Classifiers. Poster presented at Semantics and Linguistic Theory (SALT) 23.
- Scontras, Gregory, Cheng-Yu Edwin Tsai, Kenneth Mai, and Maria Polinsky. 2013. Chinese Scope: An experimental investigation. *Sinn und Bedeutung* (SuB) 18.
- Scontras, Gregory, Cheng-Yu Edwin Tsai, Kenneth Mai, and Maria Polinsky. 2013. Prohibiting Inverse Scope: An Experimental Study of Chinese vs. English. *Colloque de Syntaxe et Sémantique à Paris (CSSP)*.
- Fuchs, Zuzanna, Maria Polinsky, and Gregory Scontras. 2014. The Differential Representation of Number and Gender in Spanish. *Generative Linguistics in the Old World (GLOW)* 37.
- Scontras, Gregory. 2014. Amount Semantics. Poster presented at Semantics and Linguistic Theory (SALT) 24.
- Degen, Judith, Justin Kao, Gregory Scontras, and Noah D. Goodman. 2015. A cost- and information-theoretic account of epistemic “must”. Poster presented at the 28th Annual CUNY Conference on Human Sentence Processing.
- Scontras, Gregory, and Noah D. Goodman. 2015. The role of context in plural predication. *Experimental Pragmatics (XPRAG)*.
- Scontras, Gregory, and Noah D. Goodman. 2015. Interpreting collective predication. *Experimental Approaches to Semantics (ExAS)*, held at the 27th European Summer School in Logic, Language and Information (ESSLLI).

- Scontras, Gregory, Judith Degen, and Noah D. Goodman. 2016. Property subjectivity predicts adjective ordering preferences. Adjective Order: Theory and Experiment workshop, held at the 38th Annual Conference of the German Linguistic Society (DGfS).
- Scontras, Gregory, Kathryn Davidson, Amy Rose Deal, and Sarah E. Murray. 2017. *Who has more?* The influence of linguistic form on quantity judgments. The 91st Annual Meeting of the Linguistic Society of America.
- Scontras, Gregory, Judith Degen, and Noah D. Goodman. 2017. Subjectivity predicts adjective ordering preferences. The 91st Annual Meeting of the Linguistic Society of America. **Winner of the Five-Minute Linguist plenary event*
- Savinelli, K. J., Gregory Scontras, and Lisa Pearl. 2017. The development of scope ambiguity resolution: New frontiers in the RSA framework. Poster presented at the CSLI Workshop: Bridging computational and psycholinguistic approaches to the study of meaning.
- Fuchs, Zuzanna, Gregory Scontras, and Maria Polinsky. 2017. Restructuring in heritage grammars. Generative Linguistics in the Old World (GLOW) 40.
- Savinelli, K. J., Gregory Scontras, and Lisa Pearl. 2017. Context management vs. grammatical processing in children's scope ambiguity resolution. Poster presented at the 30th Annual CUNY Conference on Human Sentence Processing.
- Savinelli, K. J., Gregory Scontras, and Lisa Pearl. 2017. Modeling scope ambiguity resolution as pragmatic inference: Formalizing differences in child and adult behavior. Poster presented at the 39th Annual Meeting of the Cognitive Science Society.
- Bar-Sever, Galia, Rachael Lee, Gregory Scontras, and Lisa Pearl. 2017. Subjective little learners: Hyperarticulated input and the early development of adjective ordering preferences. Boston University Conference on Language Development 42.
- Savinelli, K. J., Gregory Scontras, and Lisa Pearl. 2018. Exactly two things to learn from modeling scope ambiguity resolution: Developmental continuity and numeral semantics. Poster presented at Cognitive Modeling and Computational Linguistics 2018.
- Bar-Sever, Galia, Rachael Lee, Gregory Scontras, and Lisa Pearl. 2018. Quantitatively assessing the development of adjective ordering preferences using child-directed and child-produced speech corpora. Poster presented at the 1st Annual Meeting of the Society for Computation in Linguistics.
- Scontras, Gregory, K.J. Savinelli, and Lisa Pearl. 2018. The pragmatics of truth-value judgments. The 92nd Annual Meeting of the Linguistic Society of America.
- Lund, Gunnar, Becky Jarvis, and Gregory Scontras. 2018. The pragmatics of semantic change: Modeling the progressive-to-imperfective shift. Sinn und Bedeutung (SuB) 23.
- Lund, Gunnar, Becky Jarvis, and Gregory Scontras. 2018. The progressive-to-imperfective shift: What computational pragmatics can tell us about diachronic semantics. Formal Diachronic Semantics (FoDS) 3.
- Scontras, Gregory, Lisa Pearl, and K.J. Savinelli. 2018. Child behavior in truth-value judgments: The pragmatics of ambiguity resolution. Conference on Interdisciplinary Approaches to Linguistic Theory (CIALT) 2.

Rosales, Cesar M. Jr., and Gregory Scontras. 2019. On the role of conjunction in adjective ordering preferences. The 93rd Annual Meeting of the Linguistic Society of America.

Samonte, Suttera, and Gregory Scontras. 2019. Adjective ordering in Tagalog: A cross-linguistic comparison of subjectivity-based preferences. The 93rd Annual Meeting of the Linguistic Society of America. **Winner of the Committee on Ethnic Diversity in Linguistics travel award (to S. Samonte)*

Scontras, Gregory, Asya Achimova, Christian Stegemann, and Martin Butz. 2019. The added informativity of ambiguous utterances. Poster presented at Experimental Pragmatics (XPRAG).

Franke, Michael, Gregory Scontras, and Mihael Simonič. 2019. The evolutionary pressure for subjectivity-based adjective ordering preferences. Poster presented at the Workshop on Interaction and the Evolution of Linguistic Complexity.

Scontras, Gregory, Asya Achimova, Christian Stegemann, and Martin Butz. 2019. On the purpose of ambiguous utterances. Poster presented at the 41st Annual Meeting of the Cognitive Science Society.

Franke, Michael, Gregory Scontras, and Mihael Simonič. 2019. Subjectivity-based adjective ordering maximizes communicative success. The 41st Annual Meeting of the Cognitive Science Society.

Scontras, Gregory, Galia Bar-Sever, Zeinab Kachakeche, Cesar Manuel Rosales Jr., and Suttera Samonte. 2019. Incremental semantic restriction and subjectivity-based adjective ordering. *Sinn und Bedeutung (SuB)* 24.

Kachakeche, Zeinab, and Gregory Scontras. 2020. Adjective ordering in Arabic: Post-nominal structure and subjectivity-based preferences. The 94th Annual Meeting of the Linguistic Society of America.

Shi, Yuxin, and Gregory Scontras. 2020. Mandarin has subjectivity-based adjective ordering preferences in the presence of ‘de’. Poster presented at the 94th Annual Meeting of the Linguistic Society of America.

Futrell, Richard, William Dyer, and Gregory Scontras. 2020. What determines the order of adjectives in English? Comparing efficiency-based theories using dependency treebanks. The 58th annual meeting of the Association for Computational Linguistics.

Song, Yongjia, Abimael Hernandez Jimenez, and Gregory Scontras. 2020. A cross-linguistic investigation of QUD effects on scope-ambiguity resolution. Poster presented at the 26th Architectures and Mechanisms for Language Processing Conference (AMLaP).

Song, Yongjia, Abimael Hernandez Jimenez, and Gregory Scontras. 2021. Cross-linguistic scope ambiguity: An investigation of English, Spanish, and Mandarin. Poster presented at the 95th Annual Meeting of the Linguistic Society of America.

Futrell, Richard, William Dyer, and Gregory Scontras. 2021. Comparing efficiency-based theories of adjective order in dependency treebanks. *Theoretical and Experimental Approaches to Modification*.

Scontras, Gregory, Zeinab Kachakeche, Austin Nguyen, Cesar Rosales, Suttera Samonte, Einat Shetreet, Yuxin Shi, Elli Tourtouri, and Nitzan Trainin. 2021. Cross-linguistic evidence for

subjectivity-based adjective ordering preferences. Theoretical and Experimental Approaches to Modification.

Attali, Noa, Gregory Scontras, and Lisa Pearl. 2021. Every quantifier isn't the same: Informativity matters for ambiguity resolution in quantifier-negation sentences. Poster presented at the 4th Annual Meeting of the Society for Computation in Linguistics.

Varatharaj, Ashvini, Gregory Scontras, and Naomi Nagy. 2021. On the role of language dyads in heritage language complexity: An information-theoretic analysis. Poster presented at the 13th Heritage Language Research Institute.

Coon, Jeff, Alexander Etz, Gregory Scontras, and Barbara Sarnecka. 2021. Experts interpret generalizations differently than novices. Poster presented at the 47th Annual Meeting of the Society for Philosophy and Psychology (SPP).

Varatharaj, Ashvini, Gregory Scontras, and Naomi Nagy. 2021. Heritage language complexity in flux: An information-theoretic analysis. International Symposium on Bilingualism (ISB13).

Kachakeche, Zeinab, Richard Futrell, and Gregory Scontras. 2021. Word order affects the frequency of adjective use across languages. Poster presented at the 43rd Annual Meeting of the Cognitive Science Society.

Coon, Jeff, Alexander Etz, Gregory Scontras, and Barbara Sarnecka. 2021. Experts interpret generalizations differently than novices. Poster presented at the 43rd Annual Meeting of the Cognitive Science Society.

Attali, Noa, Gregory Scontras, and Lisa S. Pearl. 2021. Pragmatic factors can explain variation in interpretation preferences for quantifier-negation utterances: A computational approach. The 43rd Annual Meeting of the Cognitive Science Society.

Coon, Jeff, Alexander Etz, Gregory Scontras, and Barbara Sarnecka. 2021. Esports as a cultural microcosm for studying psycholinguistics. UCI Esports Conference.

Gu, Yuting, Yongjia Song, Judith Kroll, and Gregory Scontras. 2021. Lexical entrainment in Mandarin-English bilinguals. The 7th Annual Florida Psycholinguistics Meeting.

Song, Yongjia, Judith Kroll, and Gregory Scontras. 2021. Lexical entrainment in bilinguals L1 and L2. The 62nd Annual Meeting of the Psychonomic Society.

Kachakeche, Zeinab, Richard Futrell, and Gregory Scontras. 2022. Adjective use across languages. The 96th Annual Meeting of the Linguistic Society of America.

Attali, Noa, Lisa S. Pearl, and Gregory Scontras. 2022. Corpus evidence for the role of world knowledge in ambiguity reduction: Using high positive expectations to inform quantifier scope. Experiments in Linguistic Meaning (ELM) 2.

Kachakeche, Zeinab, Gregory Scontras, and Richard Futrell. 2022. The efficiency of dropping vowels in Romanised Arabic script. Poster presented at the 44th Annual Meeting of the Cognitive Science Society.

Coon, Jeff, Alexander Etz, Gregory Scontras, and Barbara Sarnecka. 2022. Adjusting the use of generalizations based on audience expertise. Poster presented at the 44th Annual Meeting of the Cognitive Science Society.

- Attali, Noa, Lisa S. Pearl, and Gregory Scontras. 2022. Prosody reflects probability of a scope interpretation in naturalistic speech. Poster presented at Experimental Pragmatics (XPRAG).
- Muelas Gil, María, Jeremy Yeaton, and Gregory Scontras. 2023. Modeling the inclusiveness of gender-inclusive language in Spanish. Poster presented at the 97th Annual Meeting of the Linguistic Society of America.
- Song, Yongjia, Kathlyn Canales, Yuting Gu, Jiachen Jin, Jian Meng, Yiqun Zhang, Judith Kroll, and Gregory Scontras. 2023. Lexical entrainment in bilingual language use. Poster presented at the 14th Heritage Language Research Institute.
- Meng, Jian, Yongjia Song, Kathlyn Canales, Yuting Gu, Jiachen Jin, Judith Kroll, and Gregory Scontras. 2023. On the role of language proficiency in bilingual lexical entrainment. Poster presented at the 14th International Symposium on Bilingualism.
- Li, Yanting, Gregory Scontras, and Richard Futrell. 2023. Chinese words shorten in more predictive contexts. Poster presented at the 45th Annual Meeting of the Cognitive Science Society.
- Song, Yongjia, Kathlyn Canales, Yuting Gu, Jiachen Jin, Jian Meng, Yiqun Zhang, Judith Kroll, and Gregory Scontras. 2023. Lexical entrainment in bilinguals' language use. Poster presented at the 45th Annual Meeting of the Cognitive Science Society.
- Gotzner, Nicole, and Gregory Scontras. 2023. Leave yourself a (negative) loophole: How subjectivity predicts negative strengthening. The 10th biennial meeting of Experimental Pragmatics (XPRAG).
- Attali, Noa, Pearl Lisa, and Gregory Scontras. 2023. Disambiguating information in context and prosody. Poster presented at the 10th biennial meeting of Experimental Pragmatics (XPRAG).
- Upadhye, Shiva, Noa Attali, and Gregory Scontras. 2023. The role of world knowledge for interpreting aspect ambiguity. Poster presented at the 10th biennial meeting of Experimental Pragmatics (XPRAG).
- Li, Yanting, Gregory Scontras, and Richard Futrell. 2024. The meaning behind a code-switch. Poster presented at the 37th annual conference on Human Sentence Processing (HSP).
- Attali, Noa, Pearl Lisa, and Gregory Scontras. 2024. Navigating ambiguity: The usefulness of context and prosody for naturalistic scope interpretations. Poster presented at Experiments in Linguistics Meaning (ELM) 3.
- Coon, Jeff, and Gregory Scontras. 2024. Expertise, overhypotheses, and generic statements. 2024. Poster presented at the 50th annual meeting of the Society for Philosophy & Psychology (SPP).
- Dyer, William, Charles Torres, Gregory Scontras, and Richard Futrell. 2024. Evaluating a century of progress on the cognitive science of adjective ordering. Poster presented at the Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL).
- Scontras, Gregory, and Judith Tonhauser. 2024. Projection without presupposition: A model of clause-embedding predicates. *Sinn und Bedeutung (SuB)* 29.

Gotzner, Nicole, and Gregory Scontras. 2024. Speakers use loopholes to avoid face-threatening meanings. *Experimental Pragmatics in Italy (XPRAG.it)* 5.

Li, Yanting, Jiaxuan Li, Shiva Upadhye, Noa Attali, and Gregory Scontras. 2025. Language models (LMs) prefer ambiguous utterances following informative contexts. Poster presented at the 38th Annual Conference on Human Sentence Processing (HSP).

INVITED TALKS

“Exploring plural comparison: What adjective semantics tells us about plurality.” October 12, 2012. Department of Linguistics, Boston University.

“Collective predication: The view from plural comparison.” Stanford Psychology of Linguistics Tea (SPLaT!). January 31, 2013. Stanford University.

“Cross-linguistic scope ambiguity.” Workshop on Quantifier Scope: Syntactic, Semantic, and Experimental Approaches. June 12, 2014. CNRS-IKER.

“A new kind of degree.” Stanford Construction of Meaning workshop. October 24, 2014. Stanford University.

“Resolving uncertainty in plural predication.” Syntax and Semantics Circle. June 8, 2015. UC Santa Cruz.

“Formalizing the role of context in ambiguity resolution.” Syntax and Semantics Circle. October 23, 2015. UC Berkeley.

“Property noise and ambiguity resolution: The case of stubborn distributivity.” Stanford Sem-Prag Group. January 12, 2016. Stanford University.

“Subjectivity predicts adjective ordering preferences.” February 10, 2016. Department of Linguistics, University of Chicago.

“A new kind of degree.” February 10, 2016. Department of Linguistics, University of Chicago.

“Formalizing the role of context in ambiguity resolution.” February 23, 2016. University of Tübingen.

“Modeling ambiguity resolution as pragmatic inference.” 26th Annual Linguistics Symposium. April 12, 2017. CSU Fullerton.

“Degrees and kinds: Rethinking the ontology.” Workshop on Number. June 13, 2017. Inter University Center in Dubrovnik.

“The strategic use of noise in ambiguity resolution.” June 19, 2017. ZAS Berlin.

“Ambiguity resolution in heritage grammars.” June 20, 2017. ZAS Berlin.

“Property noise and ambiguity resolution: The case of stubborn distributivity.” September 15, 2017. Department of Linguistics, Harvard University.

“Learning from heritage languages” (with Maria Polinsky). International Conference on Bilingualism: Language & Heritage. December 18, 2017. University of Cambridge – Chinese University of Hong Kong Joint Laboratory for Bilingualism.

- “The pragmatics of truth-value judgments.” UConn Logic Group. March 30, 2018. University of Connecticut.
- “On the semantics of number morphology.” June 29, 2018. The Ohio State University Emergence of Number Conference.
- “Scope ambiguity and heritage languages.” October 18, 2018. University of Tübingen.
- “The role of subjectivity in adjective ordering preferences.” October 30, 2018. Goethe University Frankfurt.
- “Modeling the pragmatics of ambiguity resolution.” Workshop on Ambiguity as (Information) Gaps: Processes of Creation and Resolution. November 16, 2018. University of Tübingen.
- “On the purpose of ambiguous language.” February 23, 2019. University of Tübingen.
- “The added informativity of ambiguous language.” Stanford SemFest. March 15, 2019. Stanford University.
- “The pragmatics of truth-value judgments.” SemanticsBabble. April 23, 2019. UC San Diego.
- “Lesser-studied heritage languages” (with Michael Putnam). Heritage Language Research Institute. June 11, 2019. University of New Mexico.
- “(Heritage) language complexity”. Heritage Language Research Institute. June 11, 2020. Penn State.
- “The pragmatics of truth-value judgments.” March 22, 2021. Department of Linguistics, University of Florida.
- Closing discussion. Heritage Language Research Institute. June 10, 2021. University of North Carolina at Chapel Hill and Duke University.
- “On the semantics of number morphology.” October 21, 2021. Leibniz-Zentrum Allgemeine Sprachwissenschaft, Berlin.
- “Subjectivity and adjective ordering preferences.” Workshop on Subjectivity in Semantic Interpretation, North American Summer School in Logic, Language, and Information. June, 2022. University of Southern California.
- “A multi-generational analysis of heritage language complexity.” Heritage Language Syntax 3. October 20, 2022. University of Paris 8.
- “The pragmatics of ambiguity resolution.” Annual Linguistics Symposium. May 19, 2023. CSU Fullerton.
- “Notes on plural superlatives.” logic \wedge grammar \wedge meaning: The pipe (line) connecting 50 years of semantics. June 7, 2023. University of Milano–Bicocca.
- “Formalizing the pragmatics of truth-value judgments.” The third Nancy–Irvine workshop on Formalization in Logic, Language, and Mathematics. September 15, 2023. Archives Henri-Poincaré.
- “Politeness as a rational speech act.” Workshop on the role of loopholes in communication. September 29, 2023. University of Osnabrück.

“Modeling truth-value judgments as a rational speech act.” November 2, 2023. Department of Foreign Languages and Literatures, National Yang Ming Chiao Tung University, Taiwan.

“On the role of subjectivity in adjective ordering across languages.” Annual Linguistics Symposium. April 26, 2024. CSU Fullerton.

“Adjective ordering across languages.” Mayfest 2024: The science of linguistic diversity. May 4, 2024. University of Maryland.

“On the role of subjectivity in cross-linguistic adjective ordering preferences.” The Scandinavian Association for Language and Cognition, thematic session on explaining semantic universals. June 6, 2024. Norwegian University of Science and Technology.

“The social reasoning behind ambiguity resolution.” November 22, 2024. Department of Philosophy, University of Massachusetts, Amherst.

“Prior beliefs and projection: An RSA-based approach” (with Judith Tonhauser). Workshop on Background Beliefs in the Construction of Meaning. January 9–10, 2025. University of Tübingen.

“Understanding ambiguity.” April 11, 2025. Department of Linguistics, Stanford University.

TEACHING

2010 *Ling 98a Junior Tutorial – Imperatives.* Harvard.

2011 *Ling 97r Sophomore Tutorial – Experimental Methods in Linguistics.* Harvard.
Ling 98a Junior Tutorial – Plurality. Harvard.

2012 *Ling 97r Sophomore Tutorial – Experimental Methods in Linguistics.* Harvard.
Ling 97r Sophomore Tutorial – Number Marking. Harvard.

2013 *Public Speaking for International TFs* (with Virginia Maurer). Harvard.

2016 *Composition in Probabilistic Language Understanding.* European Summer School in Logic, Language, and Information (ESSLLI), Free University of Bozen-Bolzano, Italy.

2017 *Ling 143 Intro to Formal Semantics.* UC Irvine.
Ling 109 Special Topics in Computational Linguistics. UC Irvine.
Ling 155/Psych 150 Psychology of Language. UC Irvine.
Ling 236 Probabilistic Understanding of Language. Harvard.

2018 *Ling 155/Psych 150 Psychology of Language.* UC Irvine.
Ling 107M/Psych 157M Computational Methods for Language Research. UC Irvine.
Ling 159 Current Topics in the Biology and Evolution of Language. UC Irvine.
Probabilistic Language Understanding. European Summer School in Logic, Language, and Information (ESSLLI), Sofia University, Bulgaria.

2019 *LSci 155/Psych 150 Psychology of Language.* UC Irvine.
LSci 107M/Psych 157M Computational Methods for Language Research. UC Irvine.

LSci 189 Presentation Skills for Language Science. UC Irvine.

2020 *LSci 155/Psych 150 Psychology of Language.* UC Irvine.

LSci 107M/Psych 157M Computational Methods for Language Research. UC Irvine.

2021 *LSci 107M/Psych 157M Computational Methods for Language Research.* UC Irvine.

LSci 202C Presentation Skills for Language Science. UC Irvine.

Probabilistic Language Understanding. European Summer School in Logic, Language, and Information (ESSLLI), Utrecht University, Netherlands.

2022 *LSci 155/Psych 150 Psychology of Language.* UC Irvine.

LSci 107M/Psych 157M Computational Methods for Language Research. UC Irvine.

LSci 202C Presentation Skills for Language Science. UC Irvine.

Probabilistic Language Understanding. UC Irvine Summer School on Computational Cognitive Modeling for Language, UC Irvine.

2023 *LSci 155/Psych 150 Psychology of Language.* UC Irvine.

LSci 107M/Psych 157M Computational Methods for Language Research. UC Irvine.

LSci 202C Presentation Skills for Language Science. UC Irvine.

Probabilistic Language Understanding. Linguistic Society of America Summer Institute, UMass Amherst.

2024 *LSci 155/Psych 150 Psychology of Language.* UC Irvine.

LSci 143/249 Intro to Formal Semantics. UC Irvine.

LSci 202C Presentation Skills for Language Science. UC Irvine.

2025 *LSci 155/Psych 150 Psychology of Language.* UC Irvine.

LSci 107M/Psych 157M Computational Methods for Language Research. UC Irvine.

SERVICE

Reviewer for *Cambridge Elements*, *Cognition*, *Corpus Linguistics and Linguistic Theory*, *Dialectica*, *Glossa*, *Glossa Psycholinguistics*, *Heritage Language Journal*, *International Journal of Bilingualism*, *Journal of Linguistics*, *Journal of Memory and Language*, *Journal of Semantics*, *Language*, *Languages*, *Language Acquisition*, *Language and Cognition*, *Lecture Notes in Computer Science*, *Linguistic Inquiry*, *Linguistic Typology*, *Linguistics*, *Linguistics and Philosophy*, *Linguistics Vanguard*, *Mind*, *Natural Language & Linguistic Theory*, *Natural Language Semantics*, *Open Mind*, *PeerJ*, *Philosophers' Imprint*, *Philosophical Transactions B*, *Proceedings of the National Academy of Sciences*, *Second Language Research*, *Semantics and Pragmatics*, and *Topics in Cognitive Science*.

2022–present. Member, Center for Theoretical Behavioral Sciences Advisory Board, UC Irvine.

2022–present. Advisor, Language and Linguistics Club, UC Irvine.

- 2020–*present*. Associate Director, Center for the Advancement of Logic, its Philosophy, History and Applications (C-ALPHA), UC Irvine.
- 2019–*present*. Member, *Glossa* Editorial Board.
- 2019–*present*. Undergraduate Director, Department of Language Science, UC Irvine.
- 2024–2025. Chair, Language Science Assistant Professor Search Committee, UC Irvine.
- 2020–2024. Associate Editor, *Heritage Language Journal*.
2024. Co-organizer (with Nicole Gotzner), the Second Osnabrück–Irvine Workshop on the Role of Loopholes in Polite Communication, UC Irvine.
2024. Co-organizer (with Julio Torres), the 15th Heritage Language Research Institute, UC Irvine.
2022. Co-organizer, UC Irvine Summer School on Cognitive Modeling for Language, UC Irvine.
- 2020–2021. Chair, Language Science Assistant Professor Search Committee (x2), UC Irvine.
- 2016–2020. Member, Language Science Graduate Program Committee, UC Irvine.
2020. Acting Chair, Department of Language Science, UC Irvine.
- 2016–2019. Director, Language Science Colloquium, UC Irvine.
2019. Co-organizer (with Kai Wehmeier), The Second UC Irvine Workshop in Logical Semantics.
2018. Co-organizer, Conference on Quantitative Approaches to Language Science, UC Irvine.
2018. Acting Chair, Department of Language Science, UC Irvine.
2018. Acting Undergraduate Director, Department of Language Science, UC Irvine.
2018. Co-organizer, North American Computational Linguistics Olympiad, UC Irvine.
2017. Organizer, California Universities Semantics and Pragmatics (CUSP) 10, UC Irvine.
2017. Co-organizer (with Kai Wehmeier), The First UC Irvine Workshop in Logical Semantics.
2017. Co-organizer, North American Computational Linguistics Olympiad, UC Irvine.
- 2016–2017. Member, Linguistics Syntax Search Committee, UC Irvine.
- 2010–2014. Department of Linguistics Representative on the Mind, Brain, and Behavior Graduate Student Steering Committee, Harvard.
- 2012–2013. Departmental Teaching Fellow in Linguistics, the Derek Bok Center for Teaching and Learning, Harvard.
2011. Co-organizer (with Lauren Eby Clemens). 18th Meeting of the Austronesian Formal Linguistics Association.