Judith Degen

CONTACT INFORMATION	Department of Linguistics Stanford University Margaret Jacks Hall 450 Jane Stanford Way Stanford, CA 94305-2150	*Tel:* (650) 497-4016 *E-mail:* jdegen@stanford.edu *Personal:* www.stanford.edu/people/jdegen *Lab:* alpslab.stanford.edu

POSITIONS

Stanford University, since 2017
Assistant Professor in Linguistics
Director of the interActive Language Processing Lab at Stanford (ALPS Lab)

Center for the Study of Language and Information (CSLI), 2016 - 2017
Research fellow

Stanford University, 2013 - 2017
Postdoctoral scholar in Psychology

Google Inc., July 25-29, 2016
Visiting researcher

EDUCATION AND TRAINING

University of Rochester, October 2013
Ph.D., Brain and Cognitive Sciences; Linguistics (joint degree)
Thesis: Alternatives in Pragmatic Reasoning

ESSLLI, Copenhagen, Summer 2010

LSA Linguistic Institute, Berkeley, Summer 2009

University of Osnabrück, December 2008
M.Sc., Cognitive Science, Foci: Linguistics and Philosophy
Thesis: Processing Scalar Implicatures: An Eye-Tracking Study

LSA Linguistic Institute, Stanford, Summer 2007

University of Linköping, Sweden, Fall 2005
Visiting student, Cognitive Science

University of Osnabrück, October 2006
B.Sc., Cognitive Science
Thesis: Processing Scalar Implicatures: What Role Does the Question of Default Play for the Debate Between (Neo-)Griceanism and Relevance Theory?

ACADEMIC AWARDS AND HONORS

2019-2022 Richard E. Guggenhime Faculty Scholar, Stanford University
2008 MLP Award for Outstanding Academics
2007 Linguistic Society of America Summer Institute Fellowship

RESEARCH SUPPORT

2020 Stanford HAI Hoffman-Yee Research Grant: Project "Towards grounded, adaptive communication agents" (PI Christopher Potts; Co-PIs Judith Degen, Michael C. Frank, Noah D. Goodman, Thomas Icard, Dorsa Sadigh; Participating Faculty Mariano-Florentino Cullar)
2017 German Science Foundation XPrag.de Schwerpunktprogramm (SPP 1727): Project

"Probabilistic modeling of pragmatic processing and utterance production" (Co-PIs Judith Degen, Michael Franke)

2014 German Science Foundation XPrag.de Schwerpunktprogramm (SPP 1727): Project "Probabilistic computational models of pragmatic inference" (Co-PIs Judith Degen, Michael Franke, Gerhard Jäger)

2013 Swiss National Science Foundation (SNSF) Early Postdoc.Mobility fellowship

2012 EURO-XPRAG Travel Grant

2010 EURO-XPRAG Travel Grant

PAPERS IN
PEER-REVIEWED
JOURNALS

to appear. Degen, J. Rational Speech Act Theory. *Annual Review of Linguistics*, 8.

in press. Tonhauser, J., de Marneffe, M.-C., **Degen**, J. Evaluative adjective sentences: A question-based analysis of projection. *Glossa*.

2020. Schuster, S. and **Degen**, J. I know what you're probably going to say: Listener adaptation to variable use of uncertainty expressions. *Cognition*, 203, 104285. doi: 10.1016/j.cognition.2020.104285.

2020. Degen, J., Graf, C., Hawkins, R.D.X, and Goodman, N.D. When redundancy is useful: A Bayesian approach to 'overinformative' referring expressions. *Psychological Review*, 127(4), 591-621. doi: 10.1037/rev0000186.

2019. Scontras, G., **Degen**, J., and Goodman, N.D. On the grammatical source of adjective ordering preferences. *Semantics & Pragmatics*, 12(7), pp.1-21. doi: 10.3765/sp.12.7.

2019. Jasbi, M., Waldon, B., and **Degen**, J. Linking hypothesis and number of response options modulate inferred scalar implicature rate. *Frontiers in Psychology: Language Sciences*, 10(189). doi:10.3389/fpsyg.2019.00189.

2019. Degen, J., Trotzke, A., Scontras, G., Wittenberg, E., and Goodman, N.D. Definitely, maybe: A new experimental paradigm for investigating the pragmatics of evidential devices across languages. *Journal of Pragmatics*, 140, pp. 33-48. doi:10.1016/j.pragma.2018.11.015.

2018. Tonhauser, J., Beaver, D., and **Degen**, J. How projective is projective content? Gradience in projectivity and at-issueness. *Journal of Semantics*, 35(3), pp. 495-542. doi: 10.1093/jos/ffy007.

2017. Scontras, G., **Degen**, J., and Goodman, N.D. Subjectivity predicts adjective ordering preferences. *Open Mind: Discoveries in Cognitive Science*, 1(1), pp. 53-66. doi: 10.1162/OPMI_a_00005.

2016. Franke, M. and **Degen**, J. Reasoning in reference games: Individual- vs. population-level probabilistic modeling. *PLoS ONE*, 11(5), pp. 1-25. doi: 10.1371/journal.pone.0154854.

2016. Yildirim, I., **Degen**, J., Tanenhaus, M.K. and Jaeger, T.F. Talker-specificity and adaptation in quantifier interpretation. *Journal of Memory and Language*. 87, pp. 128-143. doi: 10.1016/j.jml.2015.08.003.

2016. **Degen**, J. and Tanenhaus, M.K. Availability of alternatives and the processing of scalar implicatures: A visual world eye-tracking study. *Cognitive Science*, 40(1), pp. 172-201. doi: 10.1111/cogs.12227.

2015. **Degen**, J. Investigating the distribution of *some* (but not *all*) implicatures using corpora and web-based methods. *Semantics and Pragmatics*, 8(11), pp. 1-55.
doi: 10.3765/sp.8.11.

2015. **Degen**, J. and Tanenhaus, M.K. Processing scalar implicature: A Constraint-Based approach. *Cognitive Science*, 39(4), pp. 667-710. doi: 10.1111/cogs.12171.

Papers in peer-reviewed conference proceedings

2020. Kreiss, E. and **Degen**, J. Production expectations modulate contrastive inference. In S. Denison, M. Mack, Y. Xu, and B.C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

2020. Kursat, L. and **Degen**, J. Probability and processing speed of scalar inferences is context-dependent. In S. Denison, M. Mack, Y. Xu, and B.C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

2020. Portelance, E., **Degen**, J., and Frank, M.C. Predicting age of acquisition in early word learning using recurrent neural networks. In S. Denison, M. Mack, Y. Xu, and B.C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

2020. Waldon, B. and **Degen**, J. Symmetric alternatives and semantic uncertainty modulate scalar inference. In S. Denison, M. Mack, Y. Xu, and B.C. Armstrong (Eds.), *Proceedings of the 42nd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

2020. Schuster, S., Chen, Y., and **Degen**, J. Harnessing the linguistic signal to predict pragmatic inferences. *Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics, pp. 5387?5403.*

2020. Waldon, B. and **Degen**, J. Modeling behavior in truth value judgment task experiments. *Proceedings of the Society for Computation in Linguistics.*

2019. Schuster, S. and **Degen**, J. Speaker-specific adaptation to variable use of uncertainty expressions. In A.K. Goel, C.M. Seifert and C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

2019. Kreiss, E., Franke, M., and **Degen**, J. Uncertain evidence statements and guilt perception in iterative reproductions of crime stories. In A.K. Goel, C.M. Seifert and C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

2018. Qing, C., Lassiter, D., and **Degen**, J. What do eye movements in the visual world reflect? A case study from adjectives. In C. Kalish, M. Rau, J. Zhu, and T. Rogers (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

2018. Hahn, M., **Degen**, J., Goodman, N., Jurafsky, D., and Futrell, R. An information-theoretic explanation of adjective ordering preferences. In C. Kalish, M. Rau, J. Zhu, and T. Rogers (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

2016. Franke, M., Dablander, F., Schöller, A., Bennett, E., **Degen**, J., Tessler, M.H., Kao, J., and Goodman, N.D. What does the crowd believe? A hierarchical approach to estimating subjective beliefs from empirical data. In A. Papafragou, D. Grodner, D. Mirman, and J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

2016. Graf, C., **Degen**, J., Hawkins, R.D.X, and Goodman, N.D. Animal, dog, or dalmatian? Level of abstraction in nominal referring expressions. In A. Papafragou, D. Grodner, D. Mirman, and J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

2015. **Degen**, J., Tessler, M.H., and Goodman, N.D. Wonky worlds: Listeners revise world knowledge when utterances are odd. In D.C. Noelle, R. Dale, A.S. Warlaumont, J. Yoshimi, T. Matlock, C.D. Jennings, and P.P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

2015. Hawkins, R.X.D., Stuhlmüller, A., **Degen**, J., and Goodman, N.D. Why do you ask? Good questions provoke informative answers. In D.C. Noelle, R. Dale, A.S. Warlaumont, J. Yoshimi, T. Matlock, C.D. Jennings, and P.P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

2014. **Degen**, J. and Goodman, N.D. Lost your marbles? The puzzle of dependent measures in experimental pragmatics. In P. Bello, M. Guarini, M. McShane, and B. Scassellati (Eds.), *Proceedings of the 36th Annual Conference of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

2013. **Degen**, J., Franke., M. and Jäger, G. Cost-based pragmatic inference about referential expressions. In M. Knauff, M. Pauen, N. Sebanz, and I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society*, pp. 376-381. Austin, TX: Cognitive Science Society.

2013. Yildirim, I., **Degen**, J., Jaeger, T.F. and Tanenhaus, M.K. Linguistic variability and adaptation in quantifier meanings. In M. Knauff, M. Pauen, N. Sebanz, and I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society*, pp. 3835-3840. Austin, TX: Cognitive Science Society.

2012. **Degen**, J. and Franke., M. Optimal reasoning about referential expressions. In S. Brown-Schmidt, J. Ginzburg, and S. Larsson (Eds.), *Proceedings of The 16th Workshop on the Semantics and Pragmatics of Dialogue*, pp. 2 - 11.

2011. **Degen**, J. and Tanenhaus, M.K. Making inferences: The case of scalar implicature processing. In L. Carlson, C. Hölscher, and T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*, pp. 3299-3304. Austin, TX: Cognitive Science Society.

2007. Bauer, D., J. **Degen**, X. Deng, P. Herger, J. Gasthaus, E. Giesbrecht, L. Jansen, C. Kalina, T. Krüger, R. Märtin, M. Schmidt, S. Scholler, J. Steger, E. Stemle and S. Evert. Filtering the Internet by Automatic Subtree Classification, Osnabrück. In *Proceedings of the Third Web as Corpus Workshop (WAC3), CLEANEVAL Session*, Louvain-la-Neuve, Belgium.

BOOK CHAPTERS	**to appear. Degen**, J. and Tonhauser, J. Managing web experiments for psycholinguistics: An example from experimental semantics/pragmatics. In A. Berez-Kroeker, B. McDonnell, E. Koller, and L. Collister(Eds.). *Open Handbook of Linguistic Data Management.*
	2019. Degen, J. and Tanenhaus, M.K. Constraint-based pragmatic processing. In C. Cummins and N. Katsos (Eds.). *Handbook of Experimental Semantics & Pragmatics.* Oxford University Press.
OTHER MANUSCRIPTS	**under review.** Tonhauser, J. and **Degen**, J. Which predicates are factive? An empirical investigation.
	under revision. Hahn, M., **Degen**, J., and Futrell, R. Modeling word and morpheme order in natural language as an efficient tradeoff of memory and surprisal.
	under revision. Schuster, S., Loder, M., and **Degen**, J. Explaining away in semantic/pragmatic adaptation.
	in prep. Degen, J., Tessler, M.H., and Goodman, N.D. Wonky worlds: Listeners revise common ground when utterances are odd.
	in prep. Degen, J. and Tonhauser, J. Higher-probability content is more projective than lower-probability content.
	in prep. Kreiss, E. and **Degen**, J. A Bayesian explanation of the occurrence and strength of contrastive inferences.
	2007. Degen, J. Processing scalar implicatures: What role does the question of Default play for the debate between (Neo-)Griceanism and Relevance Theory? *Publications of the Institute of Cognitive Science, University of Osnabrück*, Volume 3-2007.
CONFERENCE PRESENTATIONS	**2020.** Schuster, S., Loder, M., and **Degen**, J. Explaining away in semantic/pragmatic adaptation. *AMLaP 2020*, Sep 4-6. (Poster.)
	2020. Kreiss, E. and **Degen**, J. Production expectations modulate contrastive inference. *CogSci 2020*, Jul 29-Aug 1.
	2020. Kursat, L. and **Degen**, J. Probability and processing speed of scalar inferences is context-dependent. *CogSci 2020*, Jul 29-Aug 1. (Poster.)
	2020. Portelance, E., **Degen**, J., and Frank, M.C. Predicting age of acquisition in early word learning using recurrent neural networks. *CogSci 2020*, Jul 29-Aug 1.
	2020. Waldon, B. and **Degen**, J. Symmetric alternatives and semantic uncertainty modulate scalar inference. *CogSci 2020*, Jul 29-Aug 1.
	2020. Schuster, S., Chen, Y., and **Degen**, J. Harnessing the linguistic signal to predict pragmatic inferences. *ACL 2020*, Jul 6-8.
	2020. Kursat, L. and **Degen**, J. Probability and processing speed of scalar inferences is context-dependent. Poster to be presented at *Experiments in Linguistic Meaning (ELM) Conference*, UPenn, Jun 10-12. **Postponed due to COVID-19**.

2020. Waldon, B. and **Degen**, J. Priming scalar inferences. To be presented at *Experiments in Linguistic Meaning (ELM) Conference*, UPenn, Jun 10-12. **Postponed due to COVID-19**.

2020. Kreiss, E. and **Degen**, J. Production expectations modulate contrastive inferences. *CUNY 2020*, UMass Amherst, Mar 18-20. (Poster.)

2020. Waldon, B. and **Degen**, J. Modeling behavior in truth value judgment task experiments. *Meeting of the Society for Computation in Linguistics*, New Orleans, Jan 2-5. (Poster.)

2019. Kreiss, E. and **Degen**, J. Production expectations modulate contrastive inferences. *CAMP 2019*, UC Santa Cruz, Oct 26-27.

2019. Schuster, S., Loder, M., and **Degen**, J. Explaining away in semantic adaptation. *CAMP 2019*, UC Santa Cruz, Oct 26-27. (Poster.)

2019. Waldon, B. and **Degen**, J. Priming scalar inferences. *CAMP 2019*, UC Santa Cruz, Oct 26-27.

2019. Schuster, S. and **Degen**, J. Speaker-specific adaptation to variable use of uncertainty expressions. *CogSci 2019*, Montreal, Jul 24-27. (Poster.)

2019. Kreiss, E., Franke, M., and **Degen**, J. Uncertain evidence statements and guilt perception in iterative reproductions of crime stories. *CogSci 2019*, Montreal, Jul 24-27. (Poster.)

2019. Schuster, S., and **Degen**, J. Speaker-specific adaptation to variable use of uncertainty expressions. *XPrag 2019*, Edinburgh, Jun 19-21.

2019. Tonhauser, J., and **Degen**, J. Higher-probability content is more projective than lower-probability content. *XPrag 2019*, Edinburgh, Jun 19-21.

2019. Schuster, S., and **Degen**, J. A computational model of listener adaptation to variable use of uncertainty expressions. *CMCL 2019*, Minneapolis, Jun 2-7.

2019. Hahn, M., **Degen**, J., and Futrell, R. Crosslinguistic word orders enable an efficient tradeoff of memory and surprisal. *CUNY 2019*, Boulder, Mar 29-31.

2019. Schuster, S., and **Degen**, J. Adaptation to variable use of expressions of uncertainty. *20th Annual SemFest*, Stanford, Mar 15-16.

2019. Tonhauser, J., and **Degen**, J. An empirical challenge to the categorical notion of factivity. *20th Annual SemFest*, Stanford, Mar 15-16.

2018. Schuster, S., and **Degen**, J. Listener adaptation to variable use of uncertainty expressions.*CoMPPrag2018: Computational Models of Language Generation and Processing in Pragmatics*, Bochum, Sep 26-28.

2018. Schuster, S., and **Degen**, J. Adaptation to variable use of expressions of uncertainty. *AMLaP 2018*, Berlin, Sep 6-8. (Poster.)

2018. Qing, C., Lassiter, D., and **Degen**, J. What do eye movements in the visual world reflect? A case study from adjectives. *CogSci 2018*, Madison, Jul 26-29. (Poster.)

2018. Hahn, M., **Degen**, J., Goodman, N., Jurafsky, D., and Futrell, R. An information-theoretic explanation of adjective ordering preferences. *CogSci 2018*, Madison, Jul 26-29. (Poster.)

2018. Hahn, M., **Degen**, J., Goodman, N., Jurafsky, D., and Futrell, R. Mutual information impacts adjective ordering across languages. *CUNY 2018*, Davis, Mar 15-17. (Poster.)

2018. Hahn, M., Futrell, R., and **Degen**, J. Exploring adjective ordering preferences via artificial language learning. *CUNY 2018*, Davis, Mar 15-17. (Poster.)

2018. Qing, C., Lassiter, D., and **Degen**, J. What do eye movements in the visual world reflect? A case study from adjectives. *CUNY 2018*, Davis, Mar 15-17. (Poster.)

2018. Tessler, M.H., Degen, J., Foster, C.J., Hall-Watley, C., and Goodman, N.D. People are strange: Investigating naturally occurring generics. *LSA Annual Meeting*, Salt Lake City, Jan 4-7. (Poster.)

2017. Kreiss, E., Degen, J., Hawkins, R.D.X, and Goodman, N.D. Mentioning atypical properties of objects is communicatively efficient. *CogSci 2017*, London, Jul 27-29.

2017. Kreiss, E., Degen, J., Hawkins, R.D.X, and Goodman, N.D. Mentioning atypical properties of objects is communicatively efficient. *XPrag 2017*, Cologne, Jun 21-23.

2017. Degen, J., Kreiss, E., Hawkins, R.D.X, and Goodman, N.D. Mentioning atypical properties of objects is communicatively efficient. *CUNY 2017*, Boston, Mar 30-Apr 1.

2017. Degen, J., Graf, C., Hawkins, R.D.X, and Goodman, N.D. "Overinformative"referring expressions aren't really overinformative. *LSA Annual Meeting*, Austin, Jan 8-10.

2017. Scontras, G., Degen, J., and Goodman, N.D. Subjectivity predicts adjective ordering preferences. *LSA Annual Meeting*, Austin, Jan 8-10.

2016. Degen, J., Graf, C., Hawkins, R.D.X, and Goodman, N.D. Rationally redundant referring expressions: Over "overinformativeness." *AMLaP 2016*, Bilbao, Sep 1-3.

2016. Franke, M., Dablander, F., Schöller, A., Bennett, E., Degen, J., Tessler, M.H., Kao, J., and Goodman, N.D. What does the crowd believe? A hierarchical approach to estimating subjective beliefs from empirical data. *38th Annual Conference of the Cognitive Science Society*, Aug 10-13.

2016. Graf, C., Degen, J., Hawkins, R.D.X, and Goodman, N.D. Animal, dog, or dalmatian? Level of abstraction in nominal referring expressions. *38th Annual Conference of the Cognitive Science Society*, Aug 10-13.

2016. Scontras, G., Degen, J., and Goodman, N.D. Adjective subjectivity predicts ordering preferences. Workshop *Adjective Order: Theory and Experiment*, Konstanz, February 25-26.

2015. Kao, J., Degen, J., and Goodman, N.D. When "all" means not all: Nonliteral interpretations of universal quantifiers. *XPrag 2015*, Chicago, July 16-18. (Poster.)

2015. Tonhauser, J., Beaver, D., Degen, J., de Marneffe, M., Roberts, C., and Simons, M. Negated evaluative adjective sentences: What projects, and why? *XPrag 2015*, Chicago, July 16-18.

2015. Degen, J., Tessler, M.H., and Goodman, N.D. Non-sinking marbles are wonky: World knowledge in scalar implicature computation. *CUNY 2015*, Los Angeles, March 19-21. (Poster.)

2015. Degen, J., Kao, J., Scontras, G., and Goodman, N.D. A cost and information-theoretic account of epistemic "must". *CUNY 2015*, Los Angeles, March 19-21. (Poster.)

2015. Kao, J., Degen, J., and Goodman, N.D. When "all" means not all: Nonliteral interpretations of universal quantifiers. *CUNY 2015*, Los Angeles, March 19-21. (Poster.)

2014. Degen, J. and Goodman, N.D. Lost your marbles? The puzzle of dependent measures in experimental pragmatics. *CogSci*, Quebec City, July 23-26.

2013. Degen, J., Gunlogson, C., and Tanenhaus, M.K. Frequency and distribution of *some* (but not *all*) implicatures. *Experimental Pragmatics 2013*, Utrecht, September 4-6. (Poster.)

2013. Degen, J. and Franke., M.. Rational models of production and comprehension of referential expressions. *Experimental Pragmatics 2013*, Utrecht, September 4-6.

2013. Degen, J., Franke., M. and Jäger, G. Cost-based pragmatic inference about referential expressions. *CogSci*, Berlin, July 31-August 3.

2013. Degen, J., Gunlogson, C., and Tanenhaus, M.K. Frequency and distribution of *some* (but not *all*) implicatures. *CUNY 2013*, Columbia SC, March 21-23. (Poster.)

2012. Degen, J. and Franke, M. Optimal reasoning about referential expressions. *The 16th Workshop on the Semantics and Pragmatics of Dialogue (SeineDial)*, Paris, September 19-22.

2012. Degen, J. and Jaeger, T.F. Meaning and production pressures in speakers' choices: Partitive 'some'. *AMLaP 2012*, Riva del Garda, September 6-8. (Poster.)

2012. Degen, J. and Tanenhaus, M.K. Naturalness of lexical alternatives predicts time course of scalar implicatures. *CUNY 2012*, NY, March 16-18. (Poster.)

2011. Degen, J. and Breheny, R. The role of lexical alternatives in different forms of pragmatic processing. *Euro-XPrag Pisa Workshop*, Pisa, September 30 - October 2.

2011. Degen, J. and Jaeger, T.F. Speakers sacrifice some (of the) precision in conveyed meaning to accommodate robust communication. *Experimental Pragmatics 2011*, Barcelona, June 2-4.

2011. Degen, J. and Tanenhaus, M.K. A constraint-based approach to scalar implicature processing. *Experimental Pragmatics 2011*, Barcelona, June 2-4. (Poster.)

2011. Degen, J. and Jaeger, T.F. Trading off precision in conveyed meaning for robust communication. *CUNY 2011*, Stanford, January 24 - 26. (Poster.)

2011. Degen, J. and Jaeger, T.F. Speakers sacrifice some (of the) precision in conveyed meaning to accommodate robust communication. *LSA 2011*, Pittsburgh, January 6-9. **(one of twelve abstracts selected by LSA reviewers as media-worthy.)**

2010. Degen, J. and Tanenhaus, M.K. Naturalness of lexical alternatives influences interpretation of 'some'. *CUNY 2010*, NYU, March 18-20. (Poster.)

2010. Degen, J. and Tanenhaus, M.K. When contrast is salient, pragmatic 'some' precedes logical 'some'. *CUNY 2010*, NYU, March 18-20. (Poster.)

2010. Cieschinger, M., Degen, J., Ebert, C. and Schütze, M. Are intermediate scope readings dependent on embedding operators? *Linguistic Evidence 2010*, Tübingen, February 11-13.

2009. Degen, J., Reeder, P.A., Carbary, K. and Tanenhaus, M.K. Using a novel experimental paradigm to investigate the processing of scalar implicatures. *Experimental Pragmatics 2009*, Lyon, April 23-25.

2009. Degen, J., Reeder, P.A., Carbary, K. and Tanenhaus, M.K. Using a novel experimental paradigm to investigate the processing of scalar implicatures. *CUNY 2009*, UC Davis, March 26-28. (Poster.)

2007. Degen, J. Scalar implicatures experimentally: Some theoretical implications. *Experimental Pragmatics 2007*, Berlin, December 13-16. (Poster.)

INVITED TALKS   **2021**. TBD. *NYU Linguistics Colloquium*, NYU, date TBD.

2020. Harnessing the richness of the linguistic signal to predict pragmatic inferences. *Language and Computation Series*, MIT, Mar 16 – **postponed due to COVID-19**.

2020. Harnessing the richness of the linguistic signal to predict pragmatic inferences. *Linguistics Universals Workshop*, Harvard University, Mar 13 – **postponed due to COVID-19**.

2019. Harnessing the richness of the linguistic signal to predict pragmatic inferences. *Cornell Linguistics Circle*, Cornell University, Oct 31.

2019. The Rational Speech Act framework: An integrative theory of the interaction between literal meaning, world knowledge, and context. *Sinn und Bedeutung*, Osnabrück, Sep 4-6.

2019. The Rational Speech Act framework: An integrative theory of the interaction between literal meaning, world knowledge, and context. *XPRAG 2019*, Edinburgh, Jun 19-21.

2019. Harnessing the richness of the linguistic signal in predicting pragmatic inferences. *Evolutionary approaches to pragmatics*, Edinburgh, Jun 18.

2019. On the natural distribution of 'some' and 'or': Consequences for theories of scalar implicature. *CRC Information Density and Linguistic Encoding*, Saarbrücken, Feb 15.

2018. On the natural distribution of 'some' and 'or': Consequences for theories of scalar implicature. *IMS Forschungskolloquium*, University of Stuttgart, Dec 18.

2018. Rethinking 'overinformativeness' as rationally redundant reference. *Quantitative Approaches to Language Science*, IMBS, Irvine, May 4-5.

2017. Overinformativeness? Rationally redundant reference. *Bay Area Philosophy of Science Group*, San Francisco State University, Sep 29.

2017. Overinformativeness? Rationally redundant reference. *Philosophy Colloquium*, Carnegie Mellon University, Sep 14.

2017. Overinformativeness? Rationally redundant reference. *Linguistics Colloquium*, OSU, Sep 8.

2017. Black lives matter: The role of prior beliefs and the QUD in (preventing) exhaustivity inferences. *New Advances in Formal Pragmatics Workshop: From Scalar Implicatures to Social Meaning*, cole normale suprieure, Paris, Mar 28-29.

2017. Informativeness in language production and comprehension. *Psychology Colloquium*, UC Berkeley, Feb 13.

2017. Informativeness in language production and comprehension. *Linguistics Colloquium*, Stanford University, Feb 7.

2017. Informativeness in language production and comprehension. *Linguistics Department*, UC Davis, Jan 30.

2017. Informativeness in language production and comprehension. *Linguistics Department*, Dartmouth College, Jan 23.

2016. Over 'overinformativeness': Rationally redundant referring expressions. *Linguistics Colloquium*, McGill University, Nov 4.

2016. 'Overinformativeness' in language production. *Perception, Cognition, and Cognitive Neuroscience Brown Bag*, UC Davis, Oct 28.

2016. Quantifiers and alternatives. Conference on *Psycholinguistic Investigations into Number and Quantification in Natural Language*, Wroclaw, Poland, Aug 29-30.

2016. Pragmatics in production and comprehension. *Google*, Mountain View, Apr 14.

2016. Context in pragmatic inference. *Linguistics Department*, University of Arizona, Feb 18.

2016. Rethinking "overinformativeness": Noise and redundancy in referential expressions. *RefNet mini-symposium "Prediction and probability in reading, listening, and speaking"*, University of Aberdeen, Jan 15-16.

2016. Context in language understanding. *Cognitive Science Department*, Johns Hopkins University, Jan 4.

2015. Context in pragmatic inference. *Colloquium of the Institute of Cognitive Science*, University of Osnabrück, Dec 9.

2015. Context in language understanding. *Psychology Department*, Washington University in St. Louis, Nov 6.

2015. Wonky worlds: Modeling prior beliefs and common ground in pragmatic inference. *ESSLLI Workshop on Bridging Logical and Probabilistic Approaches to Language and Cognition*, Barcelona, Aug 7.

2014. Context in pragmatic inference. *Center for Research in Language*, University of California San Diego, Oct 28.

2014. Context in pragmatic inference. *ESSLLI Workshop on Formal and Experimental Pragmatics*, Tübingen, Aug 11-15.

2014. Inferring weights on alternatives from behavioral data. *CogSci Symposium: The Role of Alternatives in Pragmatic Inference*, Quebec City, Jul 23-26.

2014. Context-dependence in scalar implicature processing. *Language Processing Brown Bag*, University of Illinois at Urbana-Champaign, Mar 20.

2014. Context in pragmatic inference. *The 27th Annual CUNY Conference on Sentence Processing*, The Ohio State University, Mar 13.

2014. Context in pragmatic inference. Talk given to the *Linguistics Department*, Northwestern University, Feb 26.

2013. Alternatives in pragmatic reasoning. Talk given at *FriSem, Psychology Department*, Stanford University, Oct 18.

2013. Reasoning about referential expressions. *Workshop Experimental Pragmatics Meets Game Theory*, University of Tübingen, Jan 14.

2013. Frequency and distribution of *some* (but not *all*) scalar implicatures. *Semantikzirkel*, Zentrum für Allgemeine Sprachwissenschaft, Berlin, Jan 7.

2011. Processing scalar implicatures. Guest lecture in "Introduction to Psycholinguistics" (taught by Shari Speer), *Ohio State University*, Jan 10.

2010. Linguistic and extra-linguistic factors in scalar implicature processing. Talk given to the *Pragmatics reading group* at University College London, Dec 8.

2009. Scalar implicatures - a view from processing. *Semantic Theory and Empirical Evidence Workshop*, University of Osnabrück, Germany, Sep 18-19.

COURSES TAUGHT AT STANFORD	**Introduction to Psycholinguistics** PSYCH 140/LINGUIST 145/LINGUIST 245A, Autumn 2017, 2018, 2019, 2020 **Methods in Psycholinguistics** LINGUIST 245B, Spring 2017, 2018, 2019, 2020 **Formal Pragmatics** LINGUIST 230P, Spring 2020 **Advanced Topics in Psycholinguistics – Experimental Pragmatics** LINGUIST 247, Autumn 2018
SHORT COURSES TAUGHT AT SUMMER SCHOOLS/OTHER UNIVERSITIES	**Projective Content: From Theory to Data and Back** (with Judith Tonhauser.) ESSLLI 2020, Utrecht, Aug 3-14, 2020. **Postponed due to COVID-19** **Probabilistic Pragmatics (invited).** DGfS Summer School 2019 *Experimental Pragmatics: Theory, Methods, Interfaces*, Berlin, Aug 5-16, 2019 **Experimental Pragmatics (invited).** LSA Linguistic Institute, Davis, Jun 24-Jul 19, 2019 **Computational Pragmatics.** NASSLLI, Pittsburgh, Jun 25-29, 2018 **Probabilistic Pragmatics: An Introduction to the RSA Framework (invited).** XPrag.de Methods Workshop, Cologne, Sep 20-22, 2017 **Statistics Workshop: Mixed Effects Modeling (invited).** Linguistics department, Rutgers University, Sep 16-17, 2016 **Corpus Methods for Research in Pragmatics.** ESSLLI, Bolzano, Aug 15-26, 2016 **Probabilistic and Experimental Pragmatics** (with Michael Franke.) ESSLLI 2015, Barcelona, Aug 3-7, 2015

[Probabilistic Pragmatics](#) (with Dan Lassiter.) LSA Linguistic Institute 2015, Chicago, Jul 6-17, 2015

CSLI Eye-Tracking Workshop (invited, with Mike Frank and Dan Lassiter.) Stanford University, Jun 15-16 2013

Formal Pragmatics, LIN 266 (with Christine Gunlogson.) University of Rochester, Spring 2011

OTHER TEACHING AND ADVISING	**PhD students**:

PhD students:
Jiayi Lu (Linguistics, expected June 2024)
Elisa Kreiss (Linguistics, expected June 2023)
Brandon Waldon (Linguistics, expected June 2022)
Eva Portelance (Linguistics, expected June 2022)
Daisy Leigh (Linguistics, expected June 2021, co-chair)
Michael Hahn (Linguistics, expected June 2021, chair)
Sebastian Schuster (Linguistics, expected August 2020, chair)
Ciyang Qing (Linguistics, June 2020, committee member)
Robert Hawkins (Psychology, June 2019, committee member)
Simon Todd (Linguistics, June 2019, committee member)

MA students:
Elissa Li (Symbolic Systems, expected June 2021, chair)
Pratyusha Javangula (Symbolic Systems, June 2019, chair)
Yuxing Chen (Symbolic Systems, June 2019, chair)

BA students:
Khuyen Le (Symbolic Systems, expected June 2021, chair)
Elizabeth Swanson (Linguistics, expected June 2021, reader)
Sophie Regan (Symbolic Systems, June 2020, reader)
Elisa Kreiss (Cognitive Science, August 2018, chair)
Caroline Graf (Cognitive Science, August 2016, chair)
Laurel Raymond (Brain and Cognitive Sciences, June 2013, reader)

Undergraduate research assistants:
since Jan 2020. Dean Manko, Madigan Brodsky, Matthew Early.
Oct 2018 - May 2019. Lexi Kuppersmith.
Oct 2018 - Dec 2018. Emma Marie Dolan, Jane Boettcher.
Jan 2018 - Dec 2018. Cindy Torma.
Jan 2018 - May 2018. Lindy Clute, Caroline Gao, Cindy Torma.
May 2017 - Nov 2017. Stela Ilieva, Neele Witte, Ji Xiang (Eberhard-Karls Universität Tübingen, with Michael Franke)
Jan 2017 - Jun 2017. Charles Foster, Chakia Larie Hall-Watley
before 2017. Nicole Craycraft, Caroline Graf, Caitlin Hilliard, Elisa Kreiss, Swapna Kumar

SERVICE	**Editorial roles**

Editorial roles
since May 2019. Associate Editor, *Semantics & Pragmatics*.

Peer review
Journals
Applied Psycholinguistics; Cognition; Cognitive Psychology; Cognitive Science; Developmental Psychology; Frontiers in Psychology: section Language Sciences; Glossa; Journal of Experimental Psychology: Learning, Memory, and Cognition; Journal of Memory and Language; Journal of Pragmatics; Journal of Semantics; Language, Cognition, and Neuroscience; Language Learning; Linguistics and Philosophy; Nature Human

Behavior; Open Mind: Discoveries in Cognitive Science; Oxford Studies in Experimental Philosophy; PNAS; Psychological Review; Psychological Science; Psychonomic Bulletin and Review; Quarterly Journal of Experimental Psychology; Semantics and Pragmatics; topiCS; WIREs Cognitive Science

Conferences
ACL; Amsterdam Colloquium; COLING; EMNLP; CUNY Conference on Human Sentence Processing; ESSLLI Student Session; Experimental Pragmatics (XPrag); Generative Linguistics in the Old World (GLOW); LSA Annual Meeting; CogSci; Semantics And Linguistic Theory (SALT); SemDial; Sinn und Bedeutung (SuB)

Funding agencies
Austrian Science Fund (FWF); European Research Council (ERC); Leverhulme Trust; French National Research Agency (ANR); National Science Foundation (NSF); Netherlands Organisation for Scientific Research (NWO)

Other professional activities
2020. Organizer of ESSLLI 2020 Workshop *Approaches to implicature: Rational choice and/or exhaustification*, August 3-14, Utrecht, (with Dan Lassiter and Benjamin Spector). **postponed due to COVID-19**.

2018-2020. LSA Media Expert in Psycholinguistics/Neurolinguistics: Language Processing/Language Comprehension, Language and the Brain.

2018. Organizer of Workshop *Sociolinguistic, Psycholinguistic and Formal Perspectives on Meaning*, July 2-3, Paris (with Heather Burnett).

2017. Organizer of CSLI Workshop *Bridging computational and psycholinguistic approaches to the study of meaning*, February 17-18, Stanford University.

2015. Organizer of XPrag.de Workshop *Formal and experimental pragmatics: Methodological issues of a nascent liaison*, June 1-3, Zentrum für Allgemeine Sprachwissenschaft, Berlin (with Anton Benz, Michael Franke, Nicole Gotzner, Gerhard Jäger, Anthea Schöller).

2014. Organizer of ESSLLI 2014 Workshop *Formal and Experimental Pragmatics*, August 10-15, Tübingen, (with Michael Franke and Noah Goodman).

2014. Organizer of CogSci 2014 Symposium *The Role of Alternatives in Pragmatic Inference*, July 23-26, Quebec City (with Noah Goodman).

Department service
since 2017. Organizer of interdisciplinary Geballe Research Workshop *Cognition and Language*, Stanford University.

2018 - 2020. Stanford Department of Linguistics Search Committee Member (Open Rank Sociolinguistics Position).

Apr 2018-May 2019. Organizer of Stanford Linguistics Department Colloquium.

Professional memberships
Cognitive Science Society, Linguistic Society of America, Association for Computational Linguistics

Languages   **Swiss German** (native), **Standard German** (native-level proficiency), **English** (native-level proficiency), **Spanish** (ILR scale limited working proficiency), **French** (ILR scale limited working proficiency), **Swedish** (ILR scale elementary proficiency)