

Judith Degen

CONTACT INFORMATION	Department of Linguistics Stanford University Margaret Jacks Hall 450 Jane Stanford Way Stanford, CA 94305	<i>Tel:</i> (650) 497-4016 <i>E-mail:</i> jdegen@stanford.edu <i>Personal:</i> www.stanford.edu/people/jdegen <i>Lab:</i> alpslab.stanford.edu
POSITIONS	Stanford University , 2017 - present. Assistant Professor in Linguistics. 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 , 2008 - 2013. Ph.D., Brain and Cognitive Sciences; Linguistics (joint degree). <i>Thesis:</i> Alternatives in Pragmatic Reasoning. ESSLLI , Copenhagen, Summer 2010. LSA Institute , Berkeley, Summer 2009. University of Osnabrück , 2006-2008. M.Sc., Cognitive Science, Foci: Linguistics and Philosophy. <i>Thesis:</i> Processing scalar implicatures: an eye-tracking study. LSA Institute , Stanford, Summer 2007. University of Linköping , Sweden, Fall 2005. Visiting student, Cognitive Science. University of Osnabrück , 2003-2006. B.Sc., Cognitive Science. <i>Thesis:</i> Processing scalar implicatures: what role does the question of Default play for the debate between (Neo-)Griceanism and Relevance Theory?	
AWARDS AND FUNDING	2019-2022 Richard E. Guggenheimer Faculty Scholar, Stanford University. 2017 Co-PI. German Science Foundation XPrag.de Schwerpunktprogramm (SPP 1727): Project “Probabilistic modeling of pragmatic processing and utterance production” (w. Michael Franke, PI) – EUR 240,800 2014 German Science Foundation XPrag.de Schwerpunktprogramm (SPP 1727): Project “Probabilistic computational models of pragmatic inference” (w. Michael Franke & Gerhard Jäger) – EUR 236,540 2013 Swiss National Science Foundation (SNSF) Early Postdoc.Mobility fellowship – CHF 76,000 2012 EURO-XP prag Travel Grant (w. Michael Franke & Gerhard Jäger) – EUR 3000 2010 EURO-XP prag Travel Grant (w. Richard Breheny) – EUR 3000 2008 MLP Award for Outstanding Academics – EUR 500 2007 Linguistic Society of America Summer Institute Fellowship – tuition	

PUBLICATIONS
(PENDING)

in press. 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*.

to appear. Degen, J. and Tonhauser, J. Managing web experiments for psycholinguistics: An example from experimental semantics/pragmatics. In Berez-Kroeker, A., McDonnell, B., Koller, E., and Collister, L. (Eds.). *Open Handbook of Linguistic Data Management*.

under review. Kreiss, E. and Degen, J. Production expectations modulate contrastive inference.

under review. Kursat, L. and Degen, J. Probability and processing speed of scalar inferences is context-dependent.

under review. Portelance, E., Degen, J., and Frank, M.C. Predicting age of acquisition in early word learning using recurrent neural networks.

under review. Schuster, S., Loder, M., and Degen, J. Explaining away in semantic/pragmatic adaptation.

under review. Waldon, B. and Degen, J. Symmetric alternatives and semantic uncertainty modulate scalar inference.

under review. Schuster, S., Chen, Y., and Degen, J. Harnessing the richness of the linguistic signal to predict pragmatic inferences.

under revision. Schuster, S. and Degen, J. I know what you’re probably going to say: Listener adaptation to variable use of uncertainty expressions.

under revision. Tonhauser, J., Degen, J., de Marneffe, M.-C., and Simons, M. Evaluative adjective sentences: A question-based analysis of projection.

in prep. Degen, J., Tessler, M.H., and Goodman, N.D. Wonky worlds: Listeners revise common ground when utterances are odd.

in prep. Tonhauser and J., Degen. What is a ‘factive’ predicate? On the empirical purview of projection analyses.

PUBLICATIONS

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

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

2019. Schuster, S. and Degen, J. Speaker-specific adaptation to variable use of uncertainty expressions. In *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.

2019. Kreiss, E., Franke, M., and Degen, J. Uncertain evidence statements and guilt perception in iterative reproductions of crime stories. In *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.

- 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.
- 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? Gradiance in projectivity and at-issueness. *Journal of Semantics*, 35(3), pp. 495-542. doi: 10.1093/jos/ffy007.
- 2018.** Qing, C., Lassiter, D., and Degen, J. What do eye movements in the visual world reflect? A case study from adjectives. In *Proceedings of the 40th Annual Conference of the Cognitive Science Society*.
- 2018.** Hahn, M., Degen, J., Goodman, N., Jurafsky, D., and Futrell, R. An information-theoretic explanation of adjective ordering preferences. In *Proceedings of the 40th Annual Conference of the Cognitive Science Society*.
- 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., 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 *Proceedings of the 38th Annual Conference of the 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 *Proceedings of the 38th Annual Conference of the Cognitive Science Society*.
- 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., 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, & 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, & P.P. Maglio (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

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.

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.

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, & 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, & 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, & 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. **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.

2007. Bauer, D., J. **Degen**, X. Deng, P. Herger, J. Gasthaus, E. Giesbrecht, L. Jansen, C. Kalina, T. Krüger, R. Martin, 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.

CONFERENCE PRESENTATIONS

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.

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

2020. Kreiss, E. and **Degen**, J. Production expectations modulate contrastive inferences. Poster to be presented at *CUNY 2020*, UMass Amherst, Mar 18-20.

- 2020.** Waldon, B. and **Degen**, J. Modeling behavior in truth value judgment task experiments. Poster presented at the Meeting of the *Society for Computation in Linguistics*.
- 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. Poster presented at *CAMP 2019*, UC Santa Cruz, Oct 26-27.
- 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. Poster presented at *CogSci 2019*, Montreal, Jul 24-27.
- 2019.** Kreiss, E., Franke, M., and **Degen**, J. Uncertain evidence statements and guilt perception in iterative reproductions of crime stories. Poster presented at *CogSci 2019*, Montreal, Jul 24-27.
- 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. To be presented at *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. Poster to be presented at *AMLaP 2018*, Berlin, Sep 6-8.
- 2018.** Qing, C., Lassiter, D., and **Degen**, J. What do eye movements in the visual world reflect? A case study from adjectives. Poster presented at *CogSci 2018*, Madison, Jul 26-29.
- 2018.** Hahn, M., **Degen**, J., Goodman, N., Jurafsky, D., and Futrell, R. An information-theoretic explanation of adjective ordering preferences. Poster presented at *CogSci 2018*, Madison, Jul 26-29.
- 2018.** Hahn, M., **Degen**, J., Goodman, N., Jurafsky, D., and Futrell, R. Mutual information impacts adjective ordering across languages. Poster presented at *CUNY 2018*, Davis, Mar 15-17.

- 2018.** Hahn, M., Futrell, R., and **Degen**, J. Exploring adjective ordering preferences via artificial language learning. Poster presented at *CUNY 2018*, Davis, Mar 15-17.
- 2018.** Qing, C., Lassiter, D., and **Degen**, J. What do eye movements in the visual world reflect? A case study from adjectives. Poster presented at *CUNY 2018*, Davis, Mar 15-17.
- 2018.** Tessler, M.H., Degen, J., Foster, C.J., Hall-Watley, C., and Goodman, N.D. People are strange: Investigating naturally occurring generics. Poster presented at *LSA Annual Meeting*, Salt Lake City, Jan 4-7.
- 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. Poster presented at *XPrag 2015*, Chicago, July 16-18.
- 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. Poster presented at *CUNY 2015*, Los Angeles, March 19-21.

- 2015.** Degen, J., Kao, J., Scontras, G., and Goodman, N.D. A cost and information-theoretic account of epistemic “must”. Poster presented at *CUNY 2015*, Los Angeles, March 19-21.
- 2015.** Kao, J., Degen, J., and Goodman, N.D. When “all” means not all: nonliteral interpretations of universal quantifiers. Poster presented at *CUNY 2015*, Los Angeles, March 19-21.
- 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. Poster presented at *Experimental Pragmatics 2013*, Utrecht, September 4-6.
- 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. Poster presented at *CUNY 2013*, Columbia SC, March 21-23.
- 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’. Poster presented at *AMLaP 2012*, Riva del Garda, September 6-8.
- 2012.** Degen, J. and Tanenhaus, M.K. Naturalness of lexical alternatives predicts time course of scalar implicatures. Poster presented at *CUNY 2012*, NY, March 16-18.
- 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. Poster presented at *Experimental Pragmatics 2011*, Barcelona, June 2-4.
- 2011.** Degen, J. and Jaeger, T.F. Trading off precision in conveyed meaning for robust communication. Poster presented at *CUNY 2011*, Stanford, January 24 - 26.
- 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’. Poster presented at *CUNY 2010*, NYU, March 18-20.

2010. Degen, J. and Tanenhaus, M.K. When contrast is salient, pragmatic ‘some’ precedes logical ‘some’. Poster presented at *CUNY 2010*, NYU, March 18-20.

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. Poster presented at *CUNY 2009*, UC Davis, March 26-28.

2007. Degen, J. Scalar implicatures experimentally: some theoretical implications. Poster presented at *Experimental Pragmatics 2007*, Berlin, December 13-16.

INVITED TALKS

2020. Harnessing the richness of the linguistic signal to predict pragmatic inferences. . *Language and Computation Series*, MIT, Mar 16.

2020. Harnessing the richness of the linguistic signal to predict pragmatic inferences. . *Linguistics Universals Workshop*, Harvard University, Mar 13.

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, November 4.
- 2016.** ‘Overinformativeness’ in language production. *Perception, Cognition, and Cognitive Neuroscience Brown Bag*, UC Davis, October 28.
- 2016.** Quantifiers and alternatives. Conference on *Psycholinguistic Investigations into Number and Quantification in Natural Language*, Wroclaw, Poland, August 29-30.
- 2016.** Pragmatics in production and comprehension. *Google*, Mountain View, April 14.
- 2016.** Context in pragmatic inference. *Linguistics Department*, University of Arizona, February 18.
- 2016.** Rethinking “overinformativeness”: noise and redundancy in referential expressions. *RefNet mini-symposium “Prediction and probability in reading, listening, and speaking”*, University of Aberdeen, January 15-16.
- 2016.** Context in language understanding. *Cognitive Science Department*, Johns Hopkins University, January 4.
- 2015.** Context in pragmatic inference. *Colloquium of the Institute of Cognitive Science*, University of Osnabrück, December 9.
- 2015.** Context in language understanding. *Psychology Department*, Washington University in St. Louis, November 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, August 7.
- 2014.** Context in pragmatic inference. *Center for Research in Language*, University of California San Diego, October 28.
- 2014.** Context in pragmatic inference. *ESSLLI Workshop on Formal and Experimental Pragmatics*, Tübingen, August 11-15.
- 2014.** Inferring weights on alternatives from behavioral data. *CogSci Symposium: The Role of Alternatives in Pragmatic Inference*, Quebec City, July 23-26.

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

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

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

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

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

2013. Frequency and distribution of *some* (but not *all*) scalar implicatures. Talk given to the *Semantikzirkel*, Zentrum für Allgemeine Sprachwissenschaft, Berlin, January 7.

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

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

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

TEACHING
EXPERIENCE

Projective content: From theory to data and back (with Judith Tonhauserr)
Instructor, ESSLI 2020, Utrecht, Aug 3-14, 2020.

Methods in Psycholinguistics, LINGUIST245B
Instructor, Linguistics department, Stanford University, Spring 2020.

Formal Pragmatics, LINGUIST230P
Instructor, Linguistics, Stanford University, Spring 2020.

Introduction to Psycholinguistics, PSYCH140/LINGUIST145/LINGUIST245A
Instructor, Psychology/Linguistics, Stanford University, Fall 2019.

Probabilistic Pragmatics (invited)
Instructor, DGfS Summer School 2019 *Experimental Pragmatics: Theory, Methods, Interfaces*, Berlin, Aug 5-16, 2019.

Experimental Pragmatics (invited)
Instructor, LSA Institute 2019, Davis, Jun 24-Jul 19 , 2019.

Methods in Psycholinguistics, LINGUIST245B
Instructor, Linguistics department, Stanford University, Spring 2019.

Advanced Topics in Psycholinguistics – Experimental Pragmatics, LINGUIST247
Instructor, Linguistics, Stanford University, Fall 2018.

Introduction to Psycholinguistics, PSYCH140/LINGUIST145/LINGUIST245A
Instructor, Psychology/Linguistics, Stanford University, Fall 2018.

Computational Pragmatics

Instructor, NASSLLI 2018, Pittsburgh, Jun 25-29.

Methods in Psycholinguistics, LINGUIST245

Instructor, Linguistics department, Stanford University, Spring 2018.

Introduction to Psycholinguistics, PSYCH140/LINGUIST145

Instructor, Psychology/Linguistics, Stanford University, Fall 2017.

Probabilistic pragmatics: an introduction to the RSA framework (invited)

Instructor, XPrag.de Methods Workshop, Cologne, Sep 20-22, 2017.

Methods in Psycholinguistics, LINGUIST245

Instructor, Linguistics department, Stanford University, Spring 2017.

Introduction to Psycholinguistics, PSYCH140/LINGUIST145

Instructor, Psychology/Linguistics, Stanford University, Fall 2016.

Statistics workshop (invited)

Instructor, Linguistics department, Rutgers University, Sep 16-17, 2016.

Corpus Methods for Research in Pragmatics

Instructor, ESSLLI 2016, Bolzano, Aug 15-26, 2016.

Probabilistic and Experimental Pragmatics (with Michael Franke)

Instructor, ESSLLI 2015, Barcelona, Aug 3-7, 2015.

Probabilistic Pragmatics, LSA 328 (with Dan Lassiter)

Instructor, LSA Institute 2015, Chicago, Jul 6-17, 2015.

CSLI Eye-Tracking Workshop (invited) (with Mike Frank and Dan Lassiter)

Instructor, Stanford University, Jun 15-16 2013.

Formal Pragmatics, LIN 266 (with Christine Gunlogson)

Instructor, University of Rochester, Spring 2011.

Language and Psycholinguistics, BCS 152 (taught by Patricia Reeder)

Teaching Assistant, University of Rochester, Fall 2010.

Language and Psycholinguistics, BCS 152 (taught by T. Florian Jaeger)

Teaching Assistant, University of Rochester, Fall 2009.

Psycholinguistics and Syntactic Corpora, LSA 125 (taught by T. Florian Jaeger)

Teaching Assistant, LSA Institute 2009, UC Berkeley, Jul 6-23, 2009.

Foundations of Cognitive Science, BCS 112 (taught by Matt Dye)

Teaching Assistant, University of Rochester, Spring 2009.

Introduction to the Philosophy of Mind (taught by Achim Stephan)

Teaching Assistant, University of Osnabrück, Spring 2007.

Introduction to Computational Linguistics (taught by Stefan Evert)

Teaching Assistant, University of Osnabrück, Spring 2006.

Introduction to the Philosophy of Mind (taught by Achim Stephan)

Teaching Assistant, University of Osnabrück, Spring 2005.

Introduction to Computational Linguistics (taught by Stefan Evert and Graham Katz)

Teaching Assistant, University of Osnabrück, Spring 2005.

SUPERVISED
STUDENTS

PhD students:

Sebastian Schuster (expected June 2020)
Daisy Leigh (expected June 2021)
Michael Hahn (expected June 2021)
Brandon Waldon (expected June 2022)
Elisa Kreiss (expected June 2023)

Master's students:

since Jan 2020. Elissa Li.

2017-2019. Pratyusha Javangula. Thesis: *The Role of Prior Belief and the QUD in Exhaustivity Inference*.

2018-2019. Yuxing Chen. Thesis: *Probing the Pragmatic Information Encoded in Neural Networks' Word Embedding Space*.

Independent undergraduate study:

since Jan 2020. Khuyen Le.

Sep 2016 - 2018. Elisa Kreiss. Honors thesis: *Modeling Natural Language in the RSA Framework: Typicality Effects in Overinformative Referring Expressions*.

Oct 2015 - Sep 2016. Caroline Graf. Honors thesis: *Animal, Dog, or Dalmatian? Level of Abstraction in Nominal Referring Expressions*.

Jan 2012 - May 2013. Laurel Raymond. Honors thesis: *Manipulating Relevance in Scalar Implicature Generation*.

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

Organization

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

since Aug 2018. Stanford Linguistics Department Search Committee Member (Open Rank Sociolinguistics Position).

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

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

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).

Editorial positions

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

Ad hoc reviewing

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; Open Mind: Discoveries in Cognitive Science; Oxford Studies in Experimental Philosophy; 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)

Professional memberships

Cognitive Science Society, Linguistic Society of America

Other

July 16-17, 2019. Participant in Department of Defense [Future Directions Workshop on Human-Machine Teaming](#). Arlington, VA.

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

2015-2017. Volunteer instructor for [Girls Who Code](#)

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)