TERRY REGIER

Curriculum vitae
January 16, 2024

ADDRESS

Department of Linguistics
1203 Dwinelle Hall
University of California
Berkeley, CA 94720-2650
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ADMINISTRATIVE AND EDITORIAL POSITIONS

Chair, Department of Linguistics, UC Berkeley, 2022-.
Co-director, Institute of Cognitive and Brain Sciences, UC Berkeley, 2019-2022.
Member, Board of Directors, Palestinian American Research Center, 2020-.
Director, Cognitive Science Program, UC Berkeley, 2010-2018; interim director, fall 2020.
President, Cognitive Science Society, 2017-2018.
Member, Governing Board, Cognitive Science Society, 2015-2021.
Associate editor, *Cognitive Science*, 2009-2013.
Editorial board of reviewers: *Cognitive Science,* 2004-2005.

EMPLOYMENT HISTORY

Professor, Department of Linguistics, Cognitive Science Program, UC Berkeley, 2012-.
Associate Professor, Department of Linguistics, Cognitive Science Program, UC Berkeley, 2009-2012.
Associate Professor, Department of Psychology, University of Chicago, 2001-2009.
Assistant Professor, Department of Psychology, University of Chicago, 1994-2001.
Lecturer, Computer Science, UC Berkeley, 1993.
Postdoctoral Fellow, International Computer Science Institute, Berkeley, CA, 1992.
Software Engineer, GTE Western Division, Mountain View, CA, 1983-1985.

HONORS AND AWARDS

2023. Honorary doctorate, University of Gothenburg, Sweden.
2018. Prize for best paper on computational modeling of language. 40th Annual Meeting of the Cognitive Science Society.
2018. Distinguished service award. UC Berkeley, Division of Social Sciences.
2015. Prize for best paper on computational modeling of language. 37th Annual Meeting of the Cognitive Science Society.

EDUCATION

Ph.D., Computer science, UC Berkeley, 1992.
B.S., Computer and communication sciences, with highest distinction, University of Michigan, Ann Arbor, 1983.

GRANTS

2017-2020: DTRA. *Identifying semantic components from cross-language variation, structured lexical resources, and corpora*. Co-PI, with Collin Baker (International Computer Science Institute, Berkeley) as PI.
2006-2016: NSF. *Spatial Intelligence and Learning Center (SILC)*. Member of the SILC leadership group. PI: Nora Newcombe (Temple University).
2004-2008: NSF. *Universals and variation in cross-language color naming.*
2002-2003 (extended to 2005): NSF. *Statistical analysis of cross-language color naming data.* Co-PI, with Paul Kay (International Computer Science Institute, Berkeley) as PI.
2000-2003 (extended to 2004): NIH. *Learning spatial terms: Constraints and malleability*.

JOURNAL ARTICLES

Lim, Z.W., Stuart, H., De Deyne, S., Regier, T., Vylomova, E., Cohn, T., & Kemp, C. (2024). A computational approach to identifying cultural keywords across languages. *Cognitive Science, 48*, e13402.

Hardy, J.L, Werner, J.S., Regier, T., Kay, P., & Frederick, C.M. (2023). Sunlight exposure cannot explain “grue” languages. *Scientific Reports, 13*, 1836.

Zaslavsky, N., Garvin, K., Kemp, C., Tishby, N., & Regier, T. (2022). The evolution of color naming reflects pressure for efficiency: Evidence from the recent past. *Journal of Language Evolution*.

Mollica, F., Bacon, G., Zaslavsky, N., Xu, Y., Regier, T., & Kemp C. (2021). The forms and meanings of grammatical markers support efficient communication. *Proceedings of the National Academy of Sciences, 118*, e2025993118.

Xu, Y., Liu, E., & Regier, T. (2020). Numeral systems across languages support efficient communication: From approximate numerosity to recursion. *Open Mind, 4*, 57-70.

Zaslavsky, N., Kemp, C., Tishby, N., & Regier, T. (2019). Communicative need in color naming. *Cognitive Neuropsychology*.

Zaslavsky, N., Kemp, C., Tishby, N., & Regier, T. (2019). Color naming reflects both perceptual structure and communicative need. *Topics in Cognitive Science, 11*, 207-219.

Zaslavsky, N., Kemp, C., Regier, T., & Tishby, N. (2018). Efficient compression in color naming and its evolution. *Proceedings of the National Academy of Sciences, 115*, 7937-7942.

Kemp, C., Xu, Y., & Regier T. (2018). Semantic typology and efficient communication. *Annual Review of Linguistics, 4*, 109-128.

Regier, T. & Xu, Y. (2017). The Sapir-Whorf hypothesis and inference under uncertainty. *Wiley Interdisciplinary Reviews: Cognitive Science,* e1440.

Holmes, K.J., Moty, K., & Regier, T. (2017). Revisiting the role of language in spatial cognition: Categorical perception of spatial relations in English and Korean speakers. *Psychonomic Bulletin and Review*, *24*, 2031-2036.

Holmes, K.J., & Regier, T. (2017). Categorical perception beyond the basic level: The case of warm and cool colors. *Cognitive Science, 41,* 1135-1147.

Xu, Y., Regier, T., & Newcombe, N.S. (2017). An adaptive cue combination model of human spatial reorientation. *Cognition, 163*, 56-66.

Xu, Y., Regier, T., & Malt, B.C. (2016). Historical semantic chaining and efficient communication: The case of container names. *Cognitive Science, 40*, 2081-2094.

Abbott, J.T., Griffiths, T.L., & Regier, T. (2016). Focal colors across languages are representative members of color categories. *Proceedings of the National Academy of Sciences, 113,* 11178-11183.

Cibelli, E., Xu, Y., Austerweil, J.L., Griffiths, T.L., & Regier, T. (2016). The Sapir-Whorf hypothesis and probabilistic inference: Evidence from the domain of color. *PLOS ONE 11*(7): e0158725.

Regier, T., Carstensen, A., & Kemp, C. (2016). Languages support efficient communication about the environment: Words for snow revisited. *PLOS ONE 11*(4): e0151138.

Regier, T. (2016). Perceptions of Palestine: The view from large linguistic datasets. *Journal of Palestine Studies, XLV*, 41-54.

Regier, T., Khetarpal, N., & Majid, A. (2013). Inferring semantic maps. *Linguistic Typology, 17,* 89-105.

Kemp, C. & Regier, T. (2012). Kinship categories across languages reflect general communicative principles. *Science, 336*, 1049-1054.

Perfors, A., Tenenbaum, J., & Regier, T. (2011). The learnability of abstract syntactic principles. *Cognition, 118,* 306-338.

Regier, T., Kay, P., & Khetarpal, N. (2009). Color naming and the shape of color space. *Language, 85,* 884-892.

Regier, T. & Kay, P. (2009). On the status of prelinguistic color categories: Response to Roberson and Hanley. *Trends in Cognitive Sciences, 13,* 501.

Regier, T. & Kay, P. (2009). Language, thought, and color: Whorf was half right. *Trends in Cognitive Sciences, 13*, 439-446.

Foraker, S., Regier, T., Khetarpal, N., Perfors, A., & Tenenbaum, J. (2009). Indirect evidence and the poverty of the stimulus: The case of anaphoric *one*. *Cognitive Science, 33,* 287-300.

Regier, T. & Khalidi, M. A. (2009). The *Arab street*: Tracking a political metaphor. *Middle East Journal, 63,* 11-29.

Franklin, A., Drivonikou, G. V., Clifford, A., Kay, P., Regier, T., & Davies, I. R. L. (2008). Lateralization of categorical perception of color changes with color term acquisition. *Proceedings of the National Academy of Sciences, 105,* 18221-18225.

Gilbert, A., Regier, T., Kay, P., & Ivry, R. (2008). Support for lateralization of the Whorf effect beyond the realm of color discrimination. *Brain and Language 105,* 91-98.

Franklin, A., Drivonikou, G. V., Bevis, L., Davies, I. R. L., Kay, P., & Regier, T. (2008). Categorical perception of color is lateralized to the right hemisphere in infants, but to the left hemisphere in adults. *Proceedings of the National Academy of Sciences, 105*, 3221-3225.

Regier, T., Kay, P., & Khetarpal, N. (2007). Color naming reflects optimal partitions of color space. *Proceedings of the National Academy of Sciences, 104*, 1436-1441.

Regier, T. & Zheng, M. (2007). Attention to endpoints: A cross-linguistic constraint on spatial meaning. *Cognitive Science, 31*, 705-719.

Drivonikou, G.V., Kay, P., Regier, T., Ivry, R.B., Gilbert, A.L., Franklin, A., & Davies, I.R.L. (2007). Further evidence that Whorfian effects are stronger in the right visual field than the left. *Proceedings of the National Academy of Sciences, 104*, 1097-1102.

Kay, P. & Regier, T. (2007). Color naming universals: The case of Berinmo. *Cognition, 102,* 289-298.

Gilbert, A., Regier, T., Kay, P., & Ivry, R. (2006). Whorf hypothesis is supported in the right visual field but not the left. *Proceedings of the National Academy of Sciences, 103*, 489-494.

Kay, P. & Regier, T. (2006). Language, thought, and color: Recent developments. *Trends in Cognitive Sciences, 10*, 51-54.

Regier, T. (2005). The emergence of words: Attentional learning in form and meaning. *Cognitive Science, 29,* 819-865.

Regier, T., Kay, P., & Cook, R. (2005). Focal colors are universal after all. *Proceedings of the National Academy of Sciences, 102,* 8386-8391.

Regier, T. & Gahl, S. (2004). Learning the unlearnable: The role of missing evidence. *Cognition, 93,* 147-155.

Regier, T. & Kay, P. (2004). Color naming and sunlight: Commentary on Lindsey and Brown (2002). *Psychological Science, 15,* 289-290.

Kay, P. & Regier, T. (2003). Resolving the question of color naming universals. *Proceedings of the National Academy of Sciences, 100*, 9085-9089.

Regier, T. (2003). Emergent constraints on word-learning: A computational review. *Trends in Cognitive Sciences, 7*, 263-268.

Levine, S., Regier, T., & Solomon, T. (2002). Did residual normality ever have a chance? *Behavioral and Brain Sciences, 25,* 759-760.

Regier, T. & Carlson, L. (2001). Grounding spatial language in perception: An empirical and computational investigation. *Journal of Experimental Psychology: General, 130,* 273-298.

Crawford, E., Regier, T., & Huttenlocher, J. (2000). Linguistic and non-linguistic spatial categorization. *Cognition, 75,* 209-235.

Regier, T. (1997). What is modeling for? *Behavioral and Brain Sciences, 20,* 34.

Gigerenzer, G., & Regier, T. (1996). How do we tell an association from a rule? Comment on Sloman (1996). *Psychological Bulletin, 119*, 23-26.

Regier, T. (1995). A model of the human capacity for categorizing spatial relations. *Cognitive Linguistics, 6,* 63-88.

CONFERENCE PAPERS

Anand, G. & Regier, T. (2023). Kinship terminologies reflect culture-specific communicative need: Evidence from Hindi and English. In M. Goldwater, F. Anggoro, B. Hayes, & D. Ong (Eds.), *Proceedings of the 45th Annual Meeting of the Cognitive Science Society*.

Carlsson, E., Dubhashi, D., & Regier, T. (2023). Iterated learning and communication jointly explain efficient color naming systems. In M. Goldwater, F. Anggoro, B. Hayes, & D. Ong (Eds.), *Proceedings of the 45th Annual Meeting of the Cognitive Science Society*.

Gao, S. & Regier, T. (2022). Culture, communicative need, and the efficiency of semantic categories. In J. Culbertson, A. Perfors, H. Rabagliati, & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Meeting of the Cognitive Science Society*.

Mollica, F., Bacon, G., Xu, Y., Regier, T., & Kemp, C. (2020). Grammatical marking and the tradeoff between code length and informativeness. In S. Denison, M. Mack, Y. Xu, B.C. Armstrong (Eds.), *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society*.

Zaslavsky, N., Regier, T., Tishby, N., & Kemp, C. (2020). Semantic categories of artifacts and animals reflect efficient coding [Abstract]. *Proceedings of the Society for Computation in Linguistics*, Vol. 3 , Article 61.

Hermalin, N. & Regier, T. (2019). Efficient use of ambiguity in an early writing system: Evidence from Sumerian cuneiform. In A. Goel, C. Seifert, & C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.

Kemp, C., Gaby, A., & Regier, T. (2019). Season naming and the local environment. In A. Goel, C. Seifert, & C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.

Zaslavsky, N., Regier, T., Tishby, N., & Kemp, C. (2019). Semantic categories of artifacts and animals reflect efficient coding. In A. Goel, C. Seifert, & C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.

Zaslavsky, N., Garvin, K., Kemp, C., Tishby, N., & Regier, T. (2019). Evolution and efficiency in color naming: The case of Nafaanra [Abstract]. In A. Goel, C. Seifert, & C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.

Carstensen, A., Kachergis, G., Hermalin, N., & Regier, T. (2019). "Natural concepts" revisited in the spatial-topological domain: Universal tendencies in focal spatial relations. In A. Goel, C. Seifert, & C. Freksa (Eds.), *Proceedings of the 41st Annual Conference of the Cognitive Science Society*.

Zaslavsky, N., Kemp, C., Tishby, N., & Regier, T. (2018). Color naming reflects both perceptual structure and communicative need. In T.T. Rogers, M. Rau, X. Zhu, & C.W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (pp. 1250-1255). Austin, TX: Cognitive Science Society. **Received conference prize for best paper on computational modeling of language**.

Zaslavsky, N., Kemp, C., Regier, T., & Tishby, N. (2018). Information-theoretic efficiency and semantic variation: The case of color naming [Abstract]. In T.T. Rogers, M. Rau, X. Zhu, & C.W. Kalish (Eds.), *Proceedings of the 40th Annual Conference of the Cognitive Science Society* (p. 71). Austin, TX: Cognitive Science Society.

Tseng, C., Carstensen, A., Regier, T., & Xu, Y. (2016). A computational investigation of the Sapir-Whorf hypothesis: The case of spatial relations. In Papafragou, A., Grodner, D., Mirman, D., & Trueswell, J.C. (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 2231-2236). Austin, TX: Cognitive Science Society.

Cibelli, E., Xu, Y., Austerweil, J.L, Griffiths, T.L., & Regier, T. (2016). The Sapir-Whorf hypothesis and probabilistic inference: Evidence from the domain of color [Abstract]. In Papafragou, A., Grodner, D., Mirman, D., & Trueswell, J.C. (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (p. 2847). Austin, TX: Cognitive Science Society.

Xu, Y., Regier, T. & Malt, B.C. (2015). Semantic chaining and efficient communication: The case of container names. In D.C. Noelle et al. (Eds.) *Proceedings of the 37th Annual Meeting of the Cognitive Science Society* (pp. 2709-2714). Austin, TX: Cognitive Science Society. **Received conference prize for best paper on computational modeling of language**.

Carstensen, A., Xu, J., Smith, C.T., & Regier, T. (2015). Language evolution in the lab tends toward informative communication. In D.C. Noelle et al. (Eds.) *Proceedings of the 37th Annual Meeting of the Cognitive Science Society* (pp. 303-308). Austin, TX: Cognitive Science Society.

Xu, Y., Regier, T. & Newcombe, N. (2015). An adaptive cue combination model of spatial reorientation. In D.C. Noelle et al. (Eds.) *Proceedings of the 37th Annual Meeting of the Cognitive Science Society* (pp. 2715-2720). Austin, TX: Cognitive Science Society.

Carstensen, A., Kon, E., & Regier, T. (2014). Testing a rational account of pragmatic reasoning: The case of spatial language. In P. Bello et al. (Eds.), *Proceedings of the 36th Annual Meeting of the Cognitive Science Society* (pp. 2009-2013). Austin, TX: Cognitive Science Society.

Xu, Y. & Regier, T. (2014). Numeral systems across languages support efficient communication: From approximate numerosity to recursion. In P. Bello et al. (Eds.), *Proceedings of the 36th Annual Meeting of the Cognitive Science Society* (pp. 1802-1807). Austin, TX: Cognitive Science Society.

Khetarpal, N., Neveu, G., Majid, A., Michael, L., & Regier, T. (2013). Spatial terms across languages support near-optimal communication: Evidence from Peruvian Amazonia, and computational analyses. In M. Knauff, M. Pauen, N. Sebanz, and I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Meeting of the Cognitive Science Society* (pp. 764-769). Austin, TX: Cognitive Science Society.

Carstensen, A. & Regier, T. (2013). Individuals recapitulate the proposed evolutionary development of spatial lexicons. In M. Knauff, M. Pauen, N. Sebanz, and I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Meeting of the Cognitive Science Society* (pp. 293-298). Austin, TX: Cognitive Science Society.

Abbott, J. A., Regier, T., & Griffiths, T. L. (2012). Predicting focal colors with a rational model of representativeness. In N. Miyake, D. Peebles, and R. P. Cooper (Eds.), *Proceedings of the 34th Annual Meeting of the Cognitive Science Society* (pp. 60-65). Austin, TX: Cognitive Science Society.

Regier, T. (2011). Inferring conceptual structure from cross-language data. In Hoelscher, C., Shipley, T. F., & Carlson, L. (Eds.), *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*, (p. 1488). Austin, TX: Cognitive Science Society.

Khetarpal, N., Majid, A., Malt, B., Sloman, S., & Regier, T. (2010). Similarity judgments reflect both language and cross-language tendencies: Evidence from two semantic domains. In Ohlsson, S. & Catrambone, R. (Eds.), *Proceedings of the 32nd Annual Meeting of the Cognitive Science Society* (pp. 358-363). Austin, TX: Cognitive Science Society.

Khetarpal, N., Majid, A., & Regier, T. (2009). Spatial terms reflect near-optimal spatial categories. In Taatgen, N., van Rijn, H., Schomaker, L., & Nerbonne, J. (Eds.), *Proceedings of the 31st Annual Meeting of the Cognitive Science Society* (pp. 2396-2401). Austin, TX: Cognitive Science Society.

Regier, T., Kay, P., & Khetarpal, N. (2007). Color naming is near optimal. In McNamara, D. S. & Trafton, J. G. (Eds.), *Proceedings of the 29th Annual Meeting of the Cognitive Science Society* (p. 15). Austin, TX: Cognitive Science Society.

Foraker, S., Regier, T., Khetarpal, N., Perfors, A., & Tenenbaum, J. (2007). Indirect evidence and the poverty of the stimulus: The case of anaphoric 'one'. In McNamara, D. S. & Trafton, J. G. (Eds.), *Proceedings of the 29th Annual Meeting of the Cognitive Science Society* (pp. 275-280). Austin, TX: Cognitive Science Society.

Perfors, A., Tenenbaum, J., & Regier, T. (2006). Poverty of the stimulus? A rational approach. In Sun, R. & Miyake, N. (Eds.), *Proceedings of the 28th Annual Meeting of the Cognitive Science Society* (pp. 663-668). Austin, TX: Cognitive Science Society.

Regier, T., Kay, P., & Cook, R. (2005). Universal foci and varying boundaries in linguistic color categories. In Bara, B., Barsalou, L., & Bucciarelli, M. (Eds.), *Proceedings of the 27th Annual Meeting of the Cognitive Science Society* (pp. 1827-1832). Austin, TX: Cognitive Science Society.

Regier, T. & Zheng, M. (2003). An attentional constraint on spatial meaning. In Alterman, R. & Kirsh, D. (Eds.), *Proceedings of the 25th Annual Meeting of the Cognitive Science Society* (p. 50). Austin, TX: Cognitive Science Society.

Regier, T., Corrigan, B., Cabasaan, R., Woodward, A., Gasser, M., & Smith, L. (2001). The emergence of words. In Moore, J. & Stenning, K. (Eds.), *Proceedings of the 23rd Annual Meeting of the Cognitive Science Society* (pp. 815-820). Mahwah, NJ: Erlbaum.

Regier, T. (1998). Reduplication and the arbitrariness of the sign. In Gernsbacher, M. & Derry, S. (Eds.), *Proceedings of the 20th Annual Meeting of the Cognitive Science Society* (pp. 887-892). Mahwah, NJ: Erlbaum.

BOOK

Regier, T. (1996). *The human semantic potential: Spatial language and constrained connectionism.* Cambridge, MA: MIT Press.

CHAPTERS

Regier, T., Kemp, C., & Kay, P. (2015). Word meanings across languages reflect general communicative principles. In B. MacWhinney & W. O'Grady (Eds.), *The handbook of language emergence* (pp. 237-263). Hoboken, NJ: Wiley-Blackwell.

Regier, T. (2012). Computational approaches to language and thought. In M. Spivey, K. McRae, & M. Joanisse (Eds.), *The Cambridge handbook of psycholinguistics* (pp. 633-652). New York: Cambridge University Press.

Perfors, A., Tenenbaum, J., Gibson, E., & Regier, T. (2010). How recursive is language? A Bayesian exploration. In H. van der Hulst (Ed.), *Recursion and human language* (pp. 159-175). Berlin: De Gruyter.

Regier, T., Kay, P., Gilbert, A., & Ivry, R. (2010). Language and thought: Which side are you on anyway? In B. Malt & P. Wolff (Eds.), *Words and the world: How words capture human experience* (pp. 165-182). New York: Oxford University Press.

Regier, T., Carlson L., & Corrigan, B. (2005). Attention in spatial language: Bridging geometry and function. In Carlson, L., & van der Zee, E. (Eds.), *Functional features in language and space: Insights from perception, categorization, and development* (pp. 191-204). Oxford: Oxford University Press.

Cook, R., Kay, P., & Regier, T. (2005). The World Color Survey database: History and use. In Cohen, H. & Lefebvre, C. (Eds.), *Handbook of Categorization in Cognitive Science* (pp. 223-242). Amsterdam: Elsevier.

Carlson, L., Regier, T., & Covey, E. (2003). Defining spatial relations: Reconciling axis and vector representations. In van der Zee, E. & Slack, J. (Eds.), *Representing Direction in Language and Space* (pp. 111-131). Oxford: Oxford University Press.

Regier, T. (2003). Constraining computational models of cognition. In Nadel, L. (Ed.), *Encyclopedia of Cognitive Science* (pp. 611-615). London: Macmillan.

Regier, T. & Carlson, L. (2002). Spatial language: Perceptual constraints and linguistic variation. In Stein, N., Bauer, P., & Rabinowitz, M. (Eds.), *Representation, Memory, and Development: Essays in Honor of Jean Mandler* (pp. 199-221). Mahwah, NJ: Erlbaum.

Regier, T. (1997). Constraints on the learning of spatial terms: A computational investigation. In Goldstone, R., Schyns, P., & Medin, D., (Eds.), *Psychology of Learning and Motivation, Volume 36: Mechanisms of Perceptual Learning* (pp. 171-217). San Diego, CA: Academic Press.

INVITED COURSES

Course on language and cognition, LSA Linguistic Institute, UC Davis. June 24 - July 19, 2019.

INVITED PRESENTATIONS

Opening remarks at a workshop associated with my receiving an honorary doctorate, University of Gothenburg, Sweden. October 18, 2023.
Invited conference presentation, Austrian Academy of Sciences, Vienna [remote presentation]. May 12, 2023.
Language science colloquium, University of California, Irvine. October 4, 2022.
Cognitive science colloquium, University of Pennsylvania. September 30, 2022.
Keynote address, Amsterdam Colloquium, Amsterdam, Netherlands. December 18, 2019.
Computational linguistics group, University of Toronto. April 23, 2019.
Centre for Linguistic Theory and Studies in Probability, University of Gothenburg, Sweden. March 6, 2019.
Keynote address, Chalmers Artificial Intelligence Research Centre, Gothenburg, Sweden. March 5, 2019.
Conference on formal modeling and analysis of color categorization, University of California, Irvine. November 3, 2018.
Cognitive science colloquium. University of Arizona. September 7, 2018.
Cognition and language workshop, Stanford University. October 12, 2017.
Workshop on searching for cognitive universals, MIT. March 29, 2017.
Invited participant at specialist meeting on spatial language. UCSB. December 7-9, 2016.
Institute for Language, Cognition and Computation, University of Edinburgh. September 30, 2016.
Keynote address, German Cognitive Science Society Conference, Bremen, Germany. September 27, 2016.
Santa Fe Institute. March 17, 2016.
Max Planck Institute for Mathematics in the Sciences, Leipzig, Germany. April 2015. Delivered remotely.
Institute for Research in Cognitive Science, University of Pennsylvania. Oct. 24, 2014.
American University of Beirut. Dec. 13, 2013.
Spatial memory conference, University of Richmond. May 15, 2013.
California cognitive science conference, UC Berkeley. May 4, 2013.
Stanford University. February 21, 2013.
Bay area cognitive science group, UC Berkeley. September 21, 2012.
Cognitive Science department, Johns Hopkins University. February 9, 2012.
Institute of Cognitive and Brain Sciences, UC Berkeley. April 29, 2011.
York University, Toronto, March 21, 2011.
Stanford University, October 28, 2010.
Spatial Cognition conference, Mt. Hood, Oregon, August 15, 2010.
Workshop on input and syntactic acquisition. UC Irvine. September 11, 2009.
Workshop on probabilistic models of cognitive development. Banff, Canada. May 26, 2009.
UC Berkeley, December 5, 2008.
International Computer Science Institute, Berkeley, CA. October 24, 2008.
UC Merced, October 6, 2008.
UC Berkeley, September 15, 2008.
Lecturer, cognitive science summer school, New Bulgarian University, Sofia, July 7-13, 2008.
NSF SILC conference on spatial language, Chicago, June 11, 2008.
University of Illinois at Urbana-Champaign, April 11, 2008.
Northwestern University, March 31, 2008.
University of Chicago, March 27, 2008.
Workshop on the evolution of psychological categories. University of California at Irvine, March 14, 2008.
UC Irvine, March 13, 2008.
Keynote address. Color Imaging Conference, Albuquerque. November 7, 2007.

University of Aarhus, Denmark. October 11, 2007.
Max Planck Institute, Nijmegen, Netherlands. June 8, 2007.
University of Trento, Rovereto, Italy. May 29, 2007.
Association for Psychological Science conference, Washington DC. May 26, 2007.
University of Richmond. November 30, 2006.
Words and the World conference, Lehigh University. June 7, 2005.

EXTRACURRICULAR SERVICE

Ad hoc reviewer for journals, e.g. *Adaptive Behavior; Brain and Language; Cognition; Cognitive Linguistics; Cognitive Psychology; Computational Linguistics; Developmental Psychology; Journal of Experimental Psychology: General; Journal of Memory and Language; Language; PNAS; Psychological Review; Psychological Science; Vision Research.*

Co-chair, with Dedre Gentner and Kenneth D. Forbus, of the 2004 annual meeting of the Cognitive Science Society.

Co-organizer, with Michael Gasser, of a conference on *Grounding of Word Meaning: Data and Models*. Madison, Wisconsin. July 1998.

Co-organizer, with Daniel Jurafsky, of the *Computational Psycholinguistics* conference. Berkeley, California. August 1997.

UNIVERSITY SERVICE

Member, Committee on academic freedom, UC Berkeley, 2015-2018, 2019-2021.
Member, Committee on course materials fees, UC Berkeley, 2013-2016.

TEACHING

Taught courses on the following topics:
- Language and cognition
- Computational linguistics
- Introduction to cognitive science
- Neural networks
- Professional development

POSTDOCTORAL SCHOLARS MENTORED

Yang Xu (2013-2017). Presently associate professor of computer science and cognitive science, University of Toronto.

Kevin Holmes (2013-2014). Presently associate professor of psychology, Reed College.

VISITING DOCTORAL STUDENTS MENTORED

Emil Carlsson, computer science, Chalmers University of Technology, Sweden.

Noga Zaslavsky, computational neuroscience, Hebrew University. Presently assistant professor of language science, UC Irvine.

DOCTORAL STUDENTS MENTORED

Noah Hermalin, Linguistics, UC Berkeley (current).

Geoffrey Bacon, Linguistics, UC Berkeley (PhD 2020). Presently computational linguist at Google.

Alexandra Carstensen, Psychology, UC Berkeley (PhD 2016). Presently assistant professor of psychology at Arizona State University, New College.

Elisabeth Wehling, Linguistics, UC Berkeley (PhD 2013).

Naveen Khetarpal, Psychology, University of Chicago (PhD 2012).