

Benjamin Koppel Bergen

bergen@hawaii.edu
http://www2.hawaii.edu/~bergen
808/956-3242

Linguistics Department
569 Moore Hall, 1890 East-West Rd.
Honolulu, HI 96822, U.S.A.

Positions held

2006-present Associate professor, University of Hawai`i at Manoa.
Spr-Sum 2005 Visiting researcher, Sony Computer Science Laboratory, Paris
Sum 2002 Visiting assistant professor, University of California, Berkeley.
2001-2006 Assistant professor, University of Hawai`i at Manoa.

Education

1992-1996 B.A. in Linguistics (French minor); University of California, Berkeley.
1994-1995 Institut d'Etudes Politiques; Université de Lyon II; Lyon, France.
1996-1997 M.A. in Linguistics; University of California, Berkeley.
1997-2001 Ph.D. in Linguistics; University of California, Berkeley.

Publications (in reverse chronological order; most available at <http://www2.hawaii.edu/~bergen>)

Peer-reviewed journal articles and book chapters

- Bergen, Benjamin and Kim Binsted. To appear. Embodied grammars and linguistic humor. In *Cognitive Linguistics and Humor Research*, Geert Brône, Tony Veale, and Kurt Feyaerts (eds.). Mouton de Gruyter
- Bergen, Benjamin and Jerome Feldman. To appear. It's the body, stupid! Concept learning according to cognitive science. In Sourabh Niyogi and Jesse Snedeker (eds.) *Solutions to Fodor's Puzzle of Concept Acquisition*.
- Wheeler, Kathryn and Benjamin Bergen. To appear. Meaning in the palm of your hand. In Sally Rice and John Newman (eds.) *Empirical and Experimental Methods in Conceptual structure, Discourse, and Language*. Stanford: CSLI.
- Bergen, Benjamin. 2007. Experimental methods for simulation semantics. In Monica Gonzalez-Marquez, Irene Mittelberg, Seana Coulson, and Michael J. Spivey (eds.) *Methods in Cognitive Linguistics. John Benjamins*.
- Bergen, Benjamin, Shane Lindsay, Teenie Matlock, and Srinu Narayanan. 2007. Spatial and linguistic aspects of visual imagery in sentence comprehension. *Cognitive Science*.
- Bergen, Benjamin, Carl Polley, and Kathryn Wheeler. 2007. Language and inner space. In Vyvyan Evans and Paul Chilton (Eds.) *Language, Cognition and Space: The State of the Art and New Directions* (2 vols). London: Equinox.
- Bergen, Benjamin and Seana Coulson. 2006. Frame-shifting humor in simulation-based language understanding. *IEEE Intelligent Systems* 21(2): 59-62.

- Bergen, Benjamin. 2005. Mental simulation in literal and figurative language. In Seana Coulson and Barbara Lewandowska-Tomaszczyk (eds.) *The Literal and Non-Literal in Language and Thought*. Frankfurt: Peter Lang: 255-278.
- Bergen, Benjamin and Nancy Chang. 2005. Embodied Construction Grammar in Simulation-Based Language Understanding. In Jan-Ola Östman and Miriam Fried (Eds.), *Construction Grammar(s): Cognitive Grounding and Theoretical Extensions*. Amsterdam: Benjamin: 147-190.
- Bergen, Benjamin and Madelaine Plauché. 2005. The convergent evolution of radial constructions: French and English deictics and existentials. *Cognitive Linguistics* 16(1): 1-42.
- Bergen, Benjamin. 2004. The psychological reality of phonaesthemes. *Language*, 80(2): 290-311.
- Bergen, Benjamin. 2004. To awaken a sleeping giant: Blending and metaphor in editorial cartoons after September 11. In Michel Achard and Suzanne Kemmer (Eds.) *Language, Culture, and Mind*. CSLI: 23-36.
- Bergen, Benjamin and Kim Binsted. 2004. The cognitive linguistics of scalar humor. In Michel Achard and Suzanne Kemmer (Eds.) *Language, Culture, and Mind*. CSLI: 79-92.
- Bergen, Benjamin. 2001. Nativization processes in L1 Esperanto. *Journal of Child Language*. 28(3): 575-595
- Bergen, Benjamin and Madelaine Plauché. 2001. Voilà *voilà*: Extensions of deictic constructions in French. In Alan Cienki, Barbara Luka, and Michael Smith (Eds.), *Conceptual and Discourse Factors in Linguistic Structure*. CSLI: 45-62.

Papers in proceedings of peer-reviewed conferences:

- de Beule, Joachim and Benjamin Bergen. 2006. On the emergence of compositionality. In *The Evolution of language: Proceedings of the 6th International Conference (EVOLANG6)*, Angelo Cangelosi, Andrew Smith, and Kenny Smith (eds.). World Scientific Publishing.
- Tseng, Meylysa, Jung-Hee Kim, and Benjamin Bergen. 2006. Can we simulate negation? The simulation effects of negation in English intransitive sentences. *Proceedings of the 32nd Annual Meeting of the Berkeley Linguistics Society*.
- Bergen, Benjamin. 2005. Mental Simulation in Spatial Language Processing. *Proceedings of the Twenty-Seventh Annual Conference of the Cognitive Science Society*.
- Bergen, Benjamin and Kathryn Wheeler. 2005. Sentence Understanding Engages Motor Processes. *Proceedings of the Twenty-Seventh Annual Conference of the Cognitive Science Society*.
- Tseng, Meylysa and Benjamin Bergen. 2005. Lexical Processing Drives Motor Simulation. *Proceedings of the Twenty-Seventh Annual Conference of the Cognitive Science Society*.
- Tseng, Meylysa, Yiran Hu, Wen-Wei Han, and Benjamin Bergen. 2005. "Searching for Happiness" or "Full of Joy"? Source Domain Activation Matters. *Proceedings of the 31st Annual Meeting of the Berkeley Linguistics Society*.
- Chan, Ting-Ting and Benjamin Bergen. 2005. Writing Direction Influences Spatial Cognition. *Proceedings of the Twenty-Seventh Annual Conference of the Cognitive Science Society*.
- Stark, Jeff, Kim Binsted, and Benjamin Bergen. 2005. Disjunctive Selection for One-Line Jokes. *Lecture Notes in Computer Science* 3814:174-182
- Bergen, Benjamin, Nancy Chang, and Shweta Narayan. 2004. Simulated Action in an Embodied Construction Grammar. *Proceedings of the Twenty-Sixth Annual Conference of the Cognitive Science Society*.

- Narayan, Shweta, Benjamin Bergen, and Zachary Weinberg. 2004. Embodied Verbal Semantics: Evidence from a Lexical Matching Task. *Proceedings of the 30th Annual Meeting of the Berkeley Linguistics Society*.
- Bergen, Benjamin, Shweta Narayan, and Jerome Feldman. 2003. Embodied verbal semantics: evidence from an image-verb matching task. *Proceedings of the Twenty-Fifth Annual Conference of the Cognitive Science Society*.
- Binsted, Kim, Benjamin Bergen, and Justin McKay. 2003. Pun and non-pun humor in second-language learning. *Proceedings of the Workshop on Humor Modeling in the Interface at Computer-Human Interaction (CHI)*.
- Bergen, Benjamin. 2000. Probability in phonological generalizations: Modeling optional French final consonants. In Alan Yu et al. (Eds.), *Proceedings of the 26th Annual Meeting of the Berkeley Linguistics Society*. Berkeley: Berkeley Linguistics Society.
- Bergen, Benjamin. 2000. Ramifications of phonology-syntax interactions for phonological models. In *Proceedings of the 24th Annual Penn Linguistics Colloquium*, 27-36.
- Madelaine Plauché and Benjamin Bergen. 1999. The Evolution of Binary Spatial Deictics: French *voilà* and *voici*. In Steve Chang et al. (Eds.), *Proceedings of the 25th Annual Meeting of the Berkeley Linguistics Society*. Berkeley: Berkeley Linguistics Society.

Non-peer-reviewed papers

- Evans, Vyvyan, Benjamin Bergen, and Jörg Zinken. Evans, Vyvyan, Benjamin Bergen and Jörg Zinken. 2006. The Cognitive Linguistics Enterprise: An Overview. In *The Cognitive Linguistics Reader*. Vyvyan Evans, Benjamin Bergen, and Jörg Zinken (eds.). London, Equinox.
- Bergen, Benjamin. 1999. Alfred Louis Kroeber. In John Ohala et al. (Eds.) *A Guide to the History of the Phonetic Sciences in the United States*. University of California, Berkeley, 101-102.
- Bergen, Benjamin. 1999. Pliny Earle Goddard. In John Ohala et al. (Eds.) *A Guide to the History of the Phonetic Sciences in the United States*. University of California, Berkeley, 91-92.

Submitted papers

- Bergen, Benjamin, Narayan, Shweta, Wheeler, Kathryn, Stojanovic, Diana, and Ting Ting Chan. Submitted to *Cognition*. Arm, hand, and mouth representations in verbal semantics.
- Kaplan, Frederic, Pierre-Yves Oudeyer, and Benjamin Bergen. Under revision for *Infant and Child Development*. Learning biases and language learnability.
- Sato, Manami., Schafer, Amy, and Benjamin Bergen. Submitted to *Cognitive Science*. Picture perception influences metaphorical sentence production.
- Steels, Luc, Martin Loetzsch, and Benjamin Bergen. Submitted to *Nature*. Why human languages mark perspective.
- Timyam, Napasri and Benjamin Bergen. Submitted to *Contrastive Construction Grammar*. A Contrastive Study of the Dative and Ditransitive Constructions in English and Thai

Edited Volumes

The Cognitive Linguistics Reader. 2006. Vyv Evans, Benjamin Bergen, and Jörg Zinken (eds.) London: Equinox Press.

Proceedings of the 24th Annual Meeting of the Berkeley Linguistics Society. 1998. Benjamin Bergen, Madelaine C. Plauché and Ashlee Bailey (eds.) Berkeley: Berkeley Linguistics Society.

Proceedings of the Special Session on Indo-European Subgrouping and Internal Relations: 24th Annual Meeting of the Berkeley Linguistics Society. 1998. Benjamin Bergen, Madelaine C. Plauché and Ashlee Bailey (eds.) Berkeley: Berkeley Linguistics Society.

Presentations

Invited presentations

2007 Narrative comprehension and the construction of mental scenes. Departmental colloquium, Case Western Reserve University, Department of Cognitive Science, January.

2006 Mental simulation, Embodiment, and Grammar. Invited Plenary Lecture, Conceptual Structure, Discourse, and Language 8, San Diego, November.

Invited Faculty Participant, Empirical Methods in Cognitive Linguistics 3, Murcia, Spain. October.

Mental Simulation and Embodiment. Invited Plenary Lecture, 5th International Conference of the Spanish Cognitive Linguistics Association, Murcia, Spain. October.

Mental imagery in language understanding. Departmental colloquium, Case Western Reserve University, Department of Cognitive Science, January.

2005 Spatial imagery in language understanding. Invited lecture, theme session on Language, Cognition and Space: The State of the Art and New Directions, Eighth International Cognitive Linguistics Conference, Seoul, July.

Linguistic benchmarks for Fluid Construction Grammar. Invited lecture, Fourth Workshop on Fluid Construction Grammar, Paris, April.

Embodiment and Construction Grammars. Invited lecture, Laboratoire Dynamique du Langage, Université Lyon II, Lyon, May.

2004 Mental imagery in language understanding. Departmental colloquium, COGS, University of Sussex, July.

2003 Introduction to Embodied Construction Grammar (with Nancy Chang). Invited lecture, theme Session on Embodied Construction Grammar; Seventh International Cognitive Linguistics Conference, La Rioja, Spain. July.

Spatial imagery in the processing of literal and metaphorical motion sentences. Invited lecture, theme Session on Fictive and Metaphorical Motion; Seventh International Cognitive Linguistics Conference, La Rioja, Spain. July.

2003 Invited faculty participant in the Empirical Methods in Cognitive Linguistics Workshop, Cornell. May.

Standard presentations

- 2006 Metaphor Patterns Differentiate Near Synonyms (with Meylysa Tseng, Sara Olson, and Wen-Wei Han). Conceptual Structure, Discourse, and Language 8, San Diego, November.
Aspectual constructions modulate mental simulation (with Kathryn Wheeler). Fourth International Conference on Construction Grammar, Tokyo, September.
Effects of picture perception on the expression of abstract concepts in sentence production (with Manami Sato and Amy Schafer). 19th Annual CUNY Conference on Human Sentence Processing, New York, March
Can we simulate negation? The simulation effects of negation in English intransitive sentences (with Meylysa Tseng and Jung-Hee Kim). 32nd Annual Meeting of the Berkeley Linguistics Society, Berkeley, February.
- 2005 Motor simulation when processing language involving third persons. (with Kathryn Wheeler). Society for Text and Discourse, Amsterdam, June.
Mental Simulation in Spatial Language Processing. Twenty-Seventh Annual Conference of the Cognitive Science Society, Italy, July.
Sentence Understanding Engages Motor Processes (with Kathryn Wheeler). Twenty-Seventh Annual Conference of the Cognitive Science Society, Italy, July.
Lexical Processing Drives Motor Simulation (with Meylysa Tseng). Twenty-Seventh Annual Conference of the Cognitive Science Society, Italy, July.
Writing Direction Influences Spatial Cognition (with Ting-Ting Chan). Twenty-Seventh Annual Conference of the Cognitive Science Society, Italy, July.
“Searching for Happiness” or “Full of Joy”? Source Domain Activation Matters (with Meylysa Tseng, Yiran Hu, and Wen-Wei Han). 31st Annual Meeting of the Berkeley Linguistics Society, Berkeley, February.
I really do see what you mean: Experimental evidence for visual imagery in language understanding. 79th Meeting of the Linguistic Society of America, Oakland, January.
- 2004 Experimental Evidence for Simulation Semantics. Seventh Conference on Conceptual Structure, Discourse, and Language, Edmonton, October.
Writing Direction Influences Spatial Cognition. (with Ting Ting Chan). Seventh Conference on Conceptual Structure, Discourse, and Language, Edmonton, October.
Simulated Action in an Embodied Construction Grammar (with Nancy Chang and Shweta Narayan). Twenty-Sixth Annual Conference of the Cognitive Science Society. Chicago, August.
Mental Simulation and Embodied Construction Grammar (with Nancy Chang). 3rd International Conference On Construction Grammar, Marseille, July.
The roles of motor and perceptual imagery in communication. International Conference on Language, Culture and Mind, Portsmouth, July.
Image schemas and Writing Direction (with Ting Ting Chan). Empirical Methods in Cognitive Linguistics: Image Schemas and Linguistic Relativity, Portsmouth, July.
Embodied Verbal Semantics: Evidence from a Lexical Matching Task (with Shweta Narayan and Zach Weinberg). Annual Meeting of the Berkeley Linguistics Society, Berkeley, February.
- 2003 Embodied verbal semantics: evidence from an image-verb matching task (with Shweta

- Narayan and Jerome Feldman). Twenty-Fifth Annual Conference of the Cognitive Science Society, Boston, August.
- Metonymy and agreement in Embodied Construction Grammar (with George Lakoff), Theme Session on Metonymy and Metaphor in Grammar, organized by Antonio Barcelona, Guenter Radden, Linda Thornburg and Klaus U. Panther; Seventh International Cognitive Linguistics Conference, La Rioja, Spain. July.
- 2002 To awaken a sleeping giant: Blending and metaphor in editorial cartoons after September 11. Sixth Conference on Conceptual Structure, Discourse, and Language, Houston. October.
- The cognitive linguistics of scalar humor (with Kim Binsted). Sixth Conference on Conceptual Structure, Discourse, and Language, Houston. October. Also presented at the Seventh International Cognitive Linguistics Conference, La Rioja, Spain. July 2003.
- 2001 Language of the individual, language of the community: the case of French liaison. Sixth International Cognitive Linguistics Conference, Santa Barbara, July.
- Usage-based generalization and constructional re-organization: evidence from early syntactic development (with Nancy Chang). Sixth International Cognitive Linguistics Conference, Santa Barbara, July.
- Phonaesthemes in language processing. Annual Meeting of the Linguistic Society of America, Washington, D.C. January.
- Semantic agreement and construal (with Nancy Chang). Annual Meeting of the Linguistic Society of America, Washington, D.C. January.
- 2000 Prepositional semantics in Embodied Construction Grammar (with Nancy Chang). Fifth Berkeley-Paris Cognitive-Enunciative Conference, Berkeley. May.
- The novel use of Primary versus Complex Metaphors: evidence from native speaker intuition (with Madelaine C. Plauché). Fourth Berkeley-Paris Cognitive-Enunciative Conference, Paris. May
- Probabilistic associations between sound and meaning: Belief Networks for modeling phonaesthemes. Fifth Conference on Conceptual Structure, Discourse, and Language, Santa Barbara. May.
- Spatial schematicity of prepositions in Neural Grammar (with Nancy Chang). Fifth Conference on Conceptual Structure, Discourse, and Language, Santa Barbara. May.
- Ramifications of phonology-syntax interactions for phonological models. 24th Annual Penn Linguistics Colloquium, Philadelphia. February.
- Probability in phonological generalizations: Modeling optional French final consonants. 26th Annual Meeting of the Berkeley Linguistics Society, Berkeley. February.
- 1999 Creolization effects in Native Esperanto. 1999 Boston University Conference on Language Development, Boston. November.
- Embodiment in Cognitive Phonology. Sixth International Cognitive Linguistics Conference, Stockholm. July.
- Benefits of using Cognitive Linguistics in second language teaching pedagogy (with Jocelyn Ahlers). Sixth International Cognitive Linguistics Conference, Stockholm. July.
- Tutorial on the Neural Theory of Language Project (with George Lakoff). Sixth International Cognitive Linguistics Conference, Stockholm. July.
- The evolution of binary spatial deictics: French *voilà* and *voici* (with Madelaine C. Plauché).

- Sixth International Cognitive Linguistics Conference, Stockholm. July.
- 1998 The experiential foundations of metaphors for society: Metaphorical Analogy and the personification of society. Fourth Conference on Conceptual Structure, Discourse, and Language, Atlanta. October.
- Voilà *voilà*: Extensions of deictic constructions in French (with Madelaine C. Plauché). 4th Conference on Conceptual Structure, Discourse, and Language, Atlanta. October.
- Radial categories of constructions: the case of French *voilà* (with Madelaine C. Plauché). First Berkeley-Paris Cognitive-Enunciative Conference, Berkeley. May.

Professional Activities

Conference organization

- 2003 Co-organizer: Theme Session on Embodied Construction Grammar; Seventh International Cognitive Linguistics Conference, La Rioja, Spain. July. (With George Lakoff)
- Co-organizer: Theme Session on Fictive and Metaphorical Motion; Seventh International Cognitive Linguistics Conference, La Rioja, Spain. July. (With Teenie Matlock)
- 1998 Co-organizer: Berkeley Linguistics Society Conference
- 1997 Co-organizer: Berkeley Linguistics Society Conference

Professional Affiliations

- Since 2001 Cognitive Science Society
- Since 1998 Linguistic Society of America
- Since 1998 International Cognitive Linguistic Association

Series Editor

(with Vyvyan Evans, Jörg Zinken) Advances in Cognitive Linguistics, Equinox

Ad hoc journal and book reviewing

Cognitive Science	Linguistic Iconicity
Cognitive Linguistics	Psychonomic Bulletin and Review
Artificial Intelligence	Quarterly Journal of Experimental Psychology
Constructions	Discourse Processes
Journal of Child Language	Lawrence Erlbaum Associates
Language and Speech	Oxford University Press
Applied Linguistics	Cambridge University Press

Conference reviewing

- 6th-10th International Cognitive Linguistics Conference
- 24th-29th Cognitive Science Society Conference
- 5th-8th Conceptual Structure, Discourse, and Language Conference

Teaching

Corpus Linguistics	Fall 2005	U.H. Manoa
Simulation Semantics (grad seminar)	Spring 2004, 2006	U.H. Manoa
Metaphor in language and thought (undergrad)	Spring 2002-2006	U.H. Manoa
Connectionist language modeling (grad, undergrad)	Fall 2002-2004, 2006	U.H. Manoa
Cognitive linguistics (grad, undergrad)	Fall 2001-2006	U.H. Manoa
Embodied Construction Grammar (grad seminar)	Spring 2003, 2005	U.H. Manoa
Mind and language (undergrad)	Summer 2002	U.C. Berkeley
General linguistics (undergrad)	Spring 2002	U.H. Manoa
Introduction to linguistics (undergrad)	Summer 2000	U.C. Berkeley

Awards and Grants

Submitted January 2007	NSF proposal 'Mental Simulation and Grammar', (PI: Bergen): \$298,410
2006	LLL RTRT Research Grant (with Kamil ud Deen): \$1000
2006	Chancellor's Citation for Meritorious Teaching, University of Hawai'i at Manoa: \$500
2004	College of Languages Linguistics and Literatures Travel Grant: \$800
2004	University Research Council Faculty Travel Grant: \$2,000
2003	University Research Council Faculty Travel Grant: \$2,000
2002	University Research Council Faculty Travel Grant: \$1,500
2000	Outstanding Graduate Student Instructor Award, U.C. Berkeley

January, 2007