

Elise M. Stickles  
Curriculum Vitae

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Thinking Matters Program  
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Stanford University  
Stanford, CA 94305

*Education*

- 2016** Ph.D. in Linguistics  
University of California, Berkeley  
Dissertation title: *The interaction of syntax and metaphor in gesture: A corpus-experimental approach*  
Committee: Eve Sweetser (Chair), Terry Regier, Mahesh Srinivasan (Psychology)
- 2011** M.A. in Linguistics  
University of California, Berkeley
- 2009** A.B., graduated with general and dual departmental honors in Language, Cognition, and Computation (Independent Major) and in Anthropology; correlate in Computer Science  
Vassar College (Poughkeepsie, NY)

*Publications*

- Accepted** **Stickles, Elise**, and Tasha N. Lewis. Wednesday's meeting really is on Friday: A meta-analysis and evaluation of ambiguous spatiotemporal language. *Cognitive Science*.
- 2017** Dodge, Ellen; Trott, Sean; Gilardi, Luca; and **Elise Stickles**. Grammar scaling: Leveraging FrameNet data to increase Embodied Construction Grammar coverage. *The AAAI 2017 Spring Symposium on Computational Construction Grammar and Natural Language Understanding Technical Report SS-17-02* (pp. 154-162).
- Lewis, Tasha N., and **Elise Stickles**. Gestural modality and addressee perspective influence how we reason about time. *Cognitive Linguistics* 28(1), 45-76.
- 2016** **Stickles, Elise**; Dodge, Ellen; David, Oana; and Jisup Hong. Formalizing contemporary conceptual metaphor theory: A structured repository for metaphor analysis. *Constructions and Frames* 8(2), 166-213.
- David, Oana; Lakoff, George; and **Elise Stickles**. Cascades in metaphor and grammar: A case study of metaphors in the gun debate. *Constructions and Frames* 8(2), 214-253.
- Stickles, Elise**; David, Oana; and Eve Sweetser. Grammatical constructions, frame structure, and metonymy: Their contributions to metaphor computation. *Proceedings of the 11<sup>th</sup> Meeting of the High Desert Linguistics Society (HDL S) 2015* (pp. 317-345).
- 2015** Dodge, Ellen; Hong, Jisup; and **Elise Stickles**. MetaNet: Deep semantic automatic metaphor analysis. In E. Shutova, B. B. Klebanov, & P. Lichtenstein (Eds). *Proceedings of NAACL 2015 Workshop on Metaphor* (pp. 40-49).
- 2013** **Stickles, Elise**. Focus constructions in ASL: Evidence from pseudoclefting and doubling. *University of Pennsylvania Working Papers in Linguistics* 19(1): 207-216.
- Cathcart, Chundra; Chen, I-Hsuan; Finley, Greg; Kang, Shinae; Sandy, Clare S.; and **Elise Stickles**, eds. *Proceedings of the 37<sup>th</sup> Annual Meeting of the Berkeley Linguistics Society* (BLS).

- 2009 Doorly, N.; Irving, K.; McArthur, G.; Combie, K.; Engel, V.; Sakhtah, H.; **Stickles, E.**; Rosenblum, H.; Gutierrez, A.; Root, R.; Liew, C.-W.; and Long, J.H. Biomimetic evolutionary analysis: Robotically-simulated vertebrates in a predator-prey ecology. *Proceedings of the 2009 IEEE Symposium on Artificial Life*.

*Presentations and Posters*

- 2017 **Stickles, Elise**. “An experimental approach to multimodal metaphoric utterances.” Paper presented at the 14<sup>th</sup> meeting of the International Cognitive Linguistics Conference (ICLC 14), Tartu, Estonia. July 13, 2017.
- Dodge, Ellen; and **Elise Stickles**. “Analyzing metaphoric source-domain language in corpora: A MetaNet approach.” Paper presented at the 14<sup>th</sup> meeting of the International Cognitive Linguistics Conference (ICLC 14), Tartu, Estonia. July 13, 2017.
- Dodge, Ellen; Trott, Sean; Gilardi, Luca; and **Elise Stickles**. “Grammar scaling: Leveraging FrameNet data to increase Embodied Construction Grammar coverage.” Paper presented at the AAAI Symposium on Construction Grammar and Natural Language Understanding, Stanford, CA. March 27, 2017.
- 2016 **Stickles, Elise**; and Ellen Dodge. “A computationally-aided frame and construction-based analysis of motion metaphors in corpora.” Paper presented at the 9<sup>th</sup> meeting of the International Conference on Construction Grammar (ICCG 9), Juiz de Fora, Brazil. October 6, 2016.
- Stickles, Elise**. “A multimodal Embodied Construction Grammar approach to image schematic structure in metaphoric gesture”. Paper presented at the 7<sup>th</sup> meeting of the International Society for Gesture Studies (ISGS 7), Paris, France. July 22, 2016.
- Stickles, Elise**; and Ellen Dodge. “Literal vs. figurative language use affects the frequency of syntactic patterns.” Paper presented at the 90<sup>th</sup> Annual Meeting of the Linguistic Society of America, Washington, D.C. January 7, 2016.
- 2015 **Stickles, Elise**; and Tasha N. Lewis. “The effects of stimulus modality on interpretation of ambiguous temporal metaphors.” Paper presented at the 13<sup>th</sup> meeting of the International Cognitive Linguistics Conference (ICLC 13), Newcastle upon Tyne, UK. July 22, 2015.
- David, Oana; Dodge, Ellen; **Stickles, Elise**; and Jisup Hong. “Metonymy, metaphors, and constructions in a corpus-based Embodied Construction Grammar framework.” Paper presented at the 13<sup>th</sup> meeting of the International Cognitive Linguistics Conference (ICLC 13), Newcastle upon Tyne, UK. July 24, 2015.
- Dodge, Ellen; Hong, Jisup; and **Elise Stickles**. “MetaNet: Deep semantic automatic metaphor analysis.” Paper presented at the 3<sup>rd</sup> Workshop on Metaphor in NLP, NAACL HLT 2015. Denver, CO. June 5, 2015.
- 2014 **Stickles, Elise**; David, Oana; and Eve Sweetser. “Frame role type constraints and frame metonymy in metaphoric interpretation.” Poster presented at the 11<sup>th</sup> meeting of the High Desert Linguistics Society (HDLS 11), Albuquerque, NM. November 15, 2014.
- Stickles, Elise**; Dodge, Ellen; and Jisup Hong. “A construction-driven, MetaNet-based approach to metaphor extraction and corpus analysis.” Paper presented at the 12<sup>th</sup> meeting of Conceptual Structure, Discourse, and Language (CSDL 12), Santa Barbara, CA. November 5, 2014.
- Dodge, Ellen; David, Oana; **Stickles, Elise**; and Eve Sweetser. “Constructions and metaphor: Integrating MetaNet and Embodied Construction Grammar.” Paper presented at the Constructionist Resources Workshop in honor of Charles Fillmore at the 8<sup>th</sup> International Conference on Construction Grammar (ICCG 8), Osnabrück, Germany. September 2014.
- David, Oana; Dodge, Ellen; Hong, Jisup; **Stickles, Elise**; and Eve Sweetser. “Building the MetaNet metaphor repository: The natural symbiosis of metaphor analysis and construction grammar.” Paper presented at the Constructionist Resources Workshop in honor of Charles Fillmore at the 8<sup>th</sup> International Conference on Construction Grammar (ICCG 8), Osnabrück, Germany. September 2014.
- Stickles, Elise**. “The relation of color naming and the environment.” Poster presented at the 36<sup>th</sup> annual conference of the Cognitive Science Society. Quebec City, Canada. July 26, 2014.

Lewis, Tasha N., and **Elise Stickles**. "Does physical co-presence mediate the effects of gesture on spatiotemporal metaphor?: Gestural priming in virtual discourse space." Paper presented at the 6<sup>th</sup> meeting of the International Society for Gesture Studies (ISGS 6), San Diego, CA. July 11, 2014.

**Stickles, Elise**. "Semantic change in the visual-spatial modality: Evidence from cross-linguistic body-part naming." Paper presented at the 6<sup>th</sup> meeting of the International Society for Gesture Studies (ISGS 6), San Diego, CA. July 8, 2014.

**2013** Dodge, Ellen; Hong, Jisup; **Stickles, Elise**; and Oana David. "The MetaNet Wiki: A collaborative online resource for metaphor and image schema analysis." Paper presented at the 12<sup>th</sup> International Cognitive Linguistics Conference (ICLC 12). Edmonton, AB. June 26, 2013.

**Stickles, Elise**, and Tasha N. Lewis. "Can viewpoint and gesture prime spatiotemporal metaphor use?: The function of gestural metaphoric iconicity in resolving linguistic ambiguity." Paper presented at the 12<sup>th</sup> International Cognitive Linguistics Conference (ICLC 12). Edmonton, AB. June 25, 2013.

Hong, Jisup; **Stickles, Elise**, and Ellen Dodge. "The MetaNet metaphor repository: Formalized representation and analysis of conceptual metaphor networks." Paper presented at the 12<sup>th</sup> International Cognitive Linguistics Conference (ICLC 12). Edmonton, AB. June 24, 2013.

**2012** **Stickles, Elise**. "Focus constructions in ASL: Evidence from pseudoclefting and doubling." Paper presented at the 36<sup>th</sup> Penn Linguistics Colloquium. University of Pennsylvania. March 24, 2012.

**2010** **Stickles, Elise**. "Metaphors in the modals: ASL modals and mental spaces." Paper presented at the 4<sup>th</sup> meeting of the International Society for Gesture Studies (ISGS 4). Frankfurt (Oder), Germany. July 26, 2010.

**2009** **Stickles, E.**; Sakhtah, H.; Doorly, N.; Liew, C.-W.; Root, R.; Long, J. "Modeling swimming behavior with perception-action feedback loops in autonomous biorobotic fish." Poster presented at the annual meeting of the Society of Integrative and Comparative Biology, Boston, MA. January 4, 2009.

**2008** Doorly, N.; **Stickles, E.**; Sahktah, H.; Rosenblum, H.; Gutierrez, A.; McArthur, G.; Liew, C.-W.; Root, R.; Long, J. "Selection on behavior drives evolution of motor and sensory characters in autonomous fish-like robots." Poster presented at the annual meeting of the Society of Integrative and Comparative Biology, San Antonio, TX. January 3, 2008.

McArthur, G.; Gutierrez, A.; Rosenblum, H.; Sahktah, H.; **Stickles, E.**; Doorly, N.; Long, J. "Locomotor performance of free-swimming robots propelled by biomimetic tails." Poster presented at the annual meeting of the Society of Integrative and Comparative Biology, San Antonio, TX. January 3rd, 2008.

#### *Non-Refereed Talks*

**2017** **Stickles, Elise**. "An experimental approach to metaphoric gesture." Presentation and workshop at the UC Berkeley Gesture and Multimodality Group. Talk presented March 10, 2017.

**2016** Dodge, Ellen, **Stickles, Elise**, and Oana David. "Computationally-aided deep analysis of cancer metaphors in web-based text." Talk presented at Workshop on Metaphor in Cancer Discourse, UC Berkeley. April 30, 2016.

**Stickles, Elise**. "A corpus approach to grammar and metaphoric gesture." Presentation and workshop at the UC Berkeley Gesture and Multimodality Group. Talk presented April 1, 2016.

**2015** **Stickles, Elise**. "Image schemas in metaphoric path and manner gestures." Presentation and workshop at the UC Berkeley Gesture and Multimodality Group. Talk presented November 13, 2015.

**2013** **Stickles, Elise**, and Tasha N. Lewis. "Metaphoric gesture primes spatiotemporal metaphor use." Talk presented at the Stanford-Berkeley Talks. Stanford, CA. June 7, 2013.

**2012** **Stickles, Elise**. "Defining co-presence: The source for higher gesture rate in face-to-face communication?" (EMCL 2012 Report). Presentation and workshop at the UC Berkeley Gesture and Multimodality Group. September 28, 2012.

**2010** **Stickles, Elise.** "Modality in American Sign Language." Presentation and workshop at the UC Berkeley Gesture and Multimodality Group. May 7, 2010.

**Stickles, Elise.** "Wh-movement in ASL: Visual feature checking." Talk presented at the UC Berkeley Syntax and Semantics Circle. March 19, 2010.

*Stanford Teaching Experience*

Postdoctoral Lecturer, Thinking Matters Program  
Team-teaching of interdisciplinary freshman critical thinking seminars

**Spring 2017** Think 53: Food Talks: The Language of Food

**Winter 2017** Think 46: Why So Few? Gender and Diversity in Leadership

**Fall 2016** Think 3: Breaking Codes, Finding Patterns

*UC Berkeley Work and Supervision Experience*

**2013 -** Mentor  
**2016** Linguistics Research Apprenticeship Program  
Mentor/research advisor to undergraduate research assistants/undergraduate research projects

**2012 -** Graduate Student Researcher, MetaNet Project at the International Computer Science Institute  
**2015** Large-scale linguistic network analysis of conceptual metaphors and frame structures; development of a metaphor repository database for automatic metaphor identification; statistical text corpus analysis; supervision of undergraduate research assistants  
Principal Investigators: Prof. Srinu Narayanan and Prof. George Lakoff

**2010** Graduate Student Researcher  
Up Project: Psycholinguistics of longitudinal speech production and adult language development  
Principal Investigator: Prof. Susanne Gahl

*UC Berkeley Teaching Experience*

**Fall 2015** Graduate Student Instructor  
Cognitive Science 1: Introduction to Cognitive Science  
Instructor: Prof. Terry Regier

**Summer 2015** Acting Instructor (taught course)  
Linguistics 125: Gesture, Cognition, and Culture  
Self-designed class

**Spring 2015** Graduate Student Instructor (taught course)  
Linguistics R1B: Endangered Languages: What We Lose when a Language Dies

**Fall 2014** Graduate Student Instructor  
Cognitive Science 1: Introduction to Cognitive Science  
Instructor: Prof. Terry Regier

**Summer 2014** Acting Instructor (taught course)  
Linguistics 125: Gesture, Cognition, and Culture  
Self-designed class

**Fall 2013** Graduate Student Instructor  
Linguistics 375: Training for New Linguistics Teaching Assistants  
Instructor: Prof. Terry Regier

- Summer 2013** Graduate Student Instructor (taught course)  
Linguistics 5: Language and Linguistics
- Fall 2012** Graduate Student Instructor  
Linguistics 100: Introduction to Linguistic Science  
Instructor: Prof. Darya Kavitskaya
- Spring 2012** Graduate Student Instructor  
Cognitive Science 101/Linguistics C105: The Mind and Language  
Instructor: Prof. George Lakoff
- Fall 2011** Graduate Student Instructor  
Linguistics 106: Metaphor  
Instructor: Prof. Eve Sweetser
- Spring 2011** Graduate Student Instructor  
Cognitive Science 101/Linguistics C105: The Mind and Language  
Instructor: Prof. Eve Sweetser
- Fall 2010** Graduate Student Instructor  
Linguistics 5: Language and Linguistics  
Instructor: Prof. Larry Hyman

*Professional Activities and Service*

- 2017-2018** Pre-Major Advisor, Stanford University
- 2016** Co-organizer, Workshop on Metaphor in Cancer Discourse, UC Berkeley
- 2015-2016** Social Sciences Matrix Seminar Metaphor: Across Datasets and Methodologies  
Organizer: Eve Sweetser
- 2013 - 2016** Founding co-organizer, UC Berkeley Linguistics CogNetwork
- 2010 - 2011** Executive Committee Member, Berkeley Linguistics Society

**Publication Peer Review**

*Cognitive Linguistics, Gesture*

**Academic Society Memberships**

Linguistic Society of America, International Cognitive Linguistics Association, International Society for Gesture Studies, Cognitive Science Society

*Fellowships and Awards*

- 2015** Phi Beta Kappa Northern California Association Graduate Fellowship
- 2013** UC Berkeley Graduate Division Dean's Normative Time Fellowship
- 2012** UC Berkeley Graduate Division Outstanding Graduate Student Instructor Award (Linguistics Dept.)  
Richard A. Diebold, Jr. Fellowship Endowment Summer Study and Travel Grant
- 2011** UC Berkeley Graduate Division Summer Study Grant

**2009** Linguistics Department Block Grant Fellowship  
Oppi Handler Graduate Study Fellowship, Vassar College  
Phi Beta Kappa, Mu Chapter of Vassar College  
Sigma Xi, Vassar College Chapter

*Summer Schools and Additional Education*

**2012** Empirical Methods in Cognitive Linguistics 6  
Case Western University, Cleveland, OH

**2009** - Coursework in American Sign Language and Deaf Culture Studies

**2012** Berkeley City College

**2009** Linguistic Society of America Summer Institute  
UC Berkeley

*Languages and Skills*

**Human** English (native), American Sign Language (advanced intermediate), French (reading),  
Hebrew (intermediate), Garifuna (Arawak, Belize: fieldwork)

**Computer** ELAN, FLEx, Praat, Wavesurfer, iMovie  
Python, R, Matlab, Java  
LaTeX, HTML, CSS, Unix