

Elise M. Stickles  
Curriculum Vitae

Stanford Introductory Studies  
Sweet Hall, Second Floor  
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Stanford University  
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**EDUCATION**

- 2016 Ph.D. in Linguistics  
University of California, Berkeley  
Dissertation: *The interaction of syntax and metaphor in gesture: A corpus-experimental approach*
- 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)

**PROFESSIONAL APPOINTMENTS**

- 2016- Postdoctoral Fellow  
current Thinking Matters Program, Stanford Introductory Studies  
Stanford University

**PUBLICATIONS**

**Journal Articles**

- 2017 **Stickles, Elise**, and Tasha N. Lewis. Wednesday's meeting really is on Friday: A meta-analysis and evaluation of ambiguous spatiotemporal language. *Cognitive Science* 42, 1015-1025. <https://doi.org/10.1111/cogs.12559>
- Lewis, Tasha N., and **Elise Stickles**. Gestural modality and addressee perspective influence how we reason about time. *Cognitive Linguistics* 28(1), 45-76. <https://doi.org/10.1515/cog-2015-0137>
- 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. <https://doi.org/10.1075/cf.8.2.03sti>

- 2016 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. <https://doi.org/10.1075/cf.8.2.04dav>

### Book Chapters

- Under review **Stickles, Elise**, and Ellen Dodge. Corpus-based computational frame and construction analysis of motion metaphors. In M. Petruck and N. Schneider (Eds.), *Computational Semantics with Frames and Constructions*. Springer.

Sweetser, Eve, David, Oana, and **Elise Stickles**. MetaNet: Automated metaphor identification across languages and domains. In M. Bolognesi, M. Brdar, & K. S. Despot (Eds.), *Fantastic Metaphors and Where to Find Them: Traditional and New Methods in Figurative Language Research*. John Benjamins.

### Conference Proceedings

- 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).
- 2016 **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 (HDLS) 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.
- 2009 Doorly, Nicole, Irving, Kira, McArthur, Giana, Combie, Keon, Engel, Virginia, Sakhtah, Hassan, **Stickles, Elise**, Rosenblum, Hannah, Gutierrez, Andres, Root, Robert, Liew, Chun-Wai, and Long Jr., John H. Biomimetic evolutionary analysis: Robotically-simulated vertebrates in a predator-prey ecology. *Proceedings of the 2009 IEEE Symposium on Artificial Life*.

### Edited Volumes

- 2013 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*.

## CONFERENCE PRESENTATIONS

- 2018 **Stickles, Elise**, and Ellen Dodge. Mapping it all out: Delineating the role of metaphors and frames in a constructional approach. To be presented at Constructional semantics: Cognitive, functional and typological approaches, Helsinki, Finland. August 24-25.
- Dodge, Ellen, Luca, Gilardi, and **Elise Stickles**. Re-thinking frames from a constructional perspective. To be presented at Constructional semantics: Cognitive, functional and typological approaches, Helsinki, Finland. August 24-25.
- 2017 **Stickles, Elise**. An experimental approach to multimodal metaphoric utterances. The International Cognitive Linguistics Conference (ICLC 14), Tartu, Estonia. July 13.
- Dodge, Ellen, and **Elise Stickles**. Analyzing metaphoric source-domain language in corpora: A MetaNet approach. The International Cognitive Linguistics Conference (ICLC 14), Tartu, Estonia. July 13.
- Dodge, Ellen, Trott, Sean, Gilardi, Luca, and **Elise Stickles**. Grammar scaling: Leveraging FrameNet data to increase Embodied Construction Grammar coverage. The AAAI Symposium on Construction Grammar and Natural Language Understanding, Stanford, CA. March 27.
- 2016 **Stickles, Elise**, and Ellen Dodge. A computationally-aided frame and construction-based analysis of motion metaphors in corpora. The International Conference on Construction Grammar (ICCG 9), Juiz de Fora, Brazil. October 6.
- Stickles, Elise**. A multimodal Embodied Construction Grammar approach to image schematic structure in metaphoric gesture. Paper presented at The International Society for Gesture Studies (ISGS 7), Paris, France. July 22.
- Stickles, Elise**, and Ellen Dodge. Literal vs. figurative language use affects the frequency of syntactic patterns. The Annual Meeting of the Linguistic Society of America, Washington, D.C. January 7.
- 2015 **Stickles, Elise**, and Tasha N. Lewis. The effects of stimulus modality on interpretation of ambiguous temporal metaphors. The International Cognitive Linguistics Conference (ICLC 13), Newcastle upon Tyne, UK. July 22.
- David, Oana, Dodge, Ellen, **Stickles, Elise**, and Jisup Hong. Metonymy, metaphors, and constructions in a corpus-based Embodied Construction Grammar framework. The International Cognitive Linguistics Conference (ICLC 13), Newcastle upon Tyne, UK. July 24.
- Dodge, Ellen, Hong, Jisup, and **Elise Stickles**. MetaNet: Deep semantic automatic metaphor analysis. Workshop on Metaphor in NLP, NAACL HLT 2015. Denver, CO. June 5.
- 2014 **Stickles, Elise**, David, Oana, and Eve Sweetser. Frame role type constraints and frame metonymy in metaphoric interpretation. 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. Conceptual Structure, Discourse, and Language (CSDL 12), Santa Barbara, CA. November 5.
- Dodge, Ellen, David, Oana, **Stickles, Elise**, and Eve Sweetser. Constructions and metaphor: Integrating MetaNet and Embodied Construction Grammar. The International Conference on Construction Grammar (ICCG 8), Osnabrück, Germany. September 3-6.
- 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. The International Conference on Construction Grammar (ICCG 8), Osnabrück, Germany. September 3-6.
- Stickles, Elise**. The relation of color naming and the environment. The Cognitive Science Society. Quebec City, Quebec, Canada. July 26.
- Lewis, Tasha N., and **Elise Stickles**. Does physical co-presence mediate the effects of gesture on spatiotemporal metaphor?: Gestural priming in virtual discourse space. The International Society for Gesture Studies (ISGS 6), San Diego, CA. July 11.
- Stickles, Elise**. Semantic change in the visual-spatial modality: Evidence from cross-linguistic body-part naming. The International Society for Gesture Studies (ISGS 6), San Diego, CA. July 8.
- 2013 Dodge, Ellen, Hong, Jisup, **Stickles, Elise**, and Oana David. The MetaNet Wiki: A collaborative online resource for metaphor and image schema analysis. The International Cognitive Linguistics Conference (ICLC 12). Edmonton, AB. June 26.
- Stickles, Elise**, and Tasha N. Lewis. Can viewpoint and gesture prime spatiotemporal metaphor use?: The function of gestural metaphoric iconicity in resolving linguistic ambiguity. The International Cognitive Linguistics Conference (ICLC 12). Edmonton, AB. June 25.
- Hong, Jisup, **Stickles, Elise**, and Ellen Dodge. The MetaNet metaphor repository: Formalized representation and analysis of conceptual metaphor networks. The International Cognitive Linguistics Conference (ICLC 12). Edmonton, AB. June 24.
- 2012 **Stickles, Elise**. Focus constructions in ASL: Evidence from pseudoclefting and doubling. Penn Linguistics Colloquium. University of Pennsylvania, Philadelphia, PA. March 24.
- 2010 **Stickles, Elise**. Metaphors in the modals: ASL modals and mental spaces. The International Society for Gesture Studies (ISGS 4). Frankfurt (Oder), Germany. July 26.

### CAMPUS PRESENTATIONS

- 2018 **Stickles, Elise**, Tasha N. Lewis, and Matthew W. Kirkhart. The effects of mental imagery and spatial reasoning skills on gesture production. The UC Berkeley Gesture and Multimodality Group. April 6.

- 2017 **Stickles, Elise.** An experimental approach to metaphoric gesture. The UC Berkeley Gesture and Multimodality Group. March 10.
- 2016 Dodge, Ellen, **Stickles, Elise**, and Oana David. Computationally-aided deep analysis of cancer metaphors in web-based text. Workshop on Metaphor in Cancer Discourse, UC Berkeley. April 30.
- Stickles, Elise.** A corpus approach to grammar and metaphoric gesture. The UC Berkeley Gesture and Multimodality Group. April 1.
- 2015 **Stickles, Elise.** Image schemas in metaphoric path and manner gestures. The UC Berkeley Gesture and Multimodality Group. November 13.
- 2013 **Stickles, Elise**, and Tasha N. Lewis. Metaphoric gesture primes spatiotemporal metaphor use. The Stanford-Berkeley Talks. Stanford, CA. June 7.
- 2012 **Stickles, Elise.** Defining co-presence: The source for higher gesture rate in face-to-face communication? (EMCL 2012 Report). The UC Berkeley Gesture and Multimodality Group. September 28.
- 2010 **Stickles, Elise.** Modality in American Sign Language. The UC Berkeley Gesture and Multimodality Group. May 7.
- Stickles, Elise.** Wh-movement in ASL: Visual feature checking. The UC Berkeley Syntax and Semantics Circle. March 19.

## **TEACHING EXPERIENCE**

### **Postdoctoral Teaching Fellow (2016-current) Thinking Matters Program, Stanford University**

Team teaching of first year interdisciplinary seminars with a focus on critical thinking, analysis, and writing skills. Teaching responsibilities include teaching discussion seminars, leading small group and individual student tutorials, grading assignments, and giving guest lectures. Course development responsibilities include designing syllabi, lesson plans, assignments, and grading rubrics. As course coordinator, I organize and run teaching team meetings; develop and maintain course materials; schedule and plan class outings; mediate any team concerns; and serve as liaison to the program administration. As technology coordinator, I maintain the course management system, handle all aspects of classroom audio/video technology, and provide technology support to students.

Think 54: 100,000 Years of War (Spring 2018) – course coordinator

Think 59: Worlds of Sound: Ways of Listening (Winter 2018) – course coordinator

Think 53: Food Talks: The Language of Food (Spring 2017)

Think 46: Why So Few? Gender and Diversity in Leadership (Winter 2017) – tech coordinator

Think 3: Breaking Codes, Finding Patterns (Fall 2016, Fall 2018) – course coordinator

**Instructor (2018)**  
**Stanford Pre-Collegiate Studies Institute**

SPCS is an intensive summer program for advanced high school students. I designed and taught a course titled *Linguistics: Language, Gesture, and Cognition*, which combined elements of gesture studies, linguistics, and cognitive psychology. In this course, students learn gesture analysis and design and carry out a research project. In addition to teaching the course, I supervised two teaching assistants.

**Course Instructor/Graduate Student Instructor (2011-2015)**  
**Linguistics and Cognitive Science, UC Berkeley**

Graduate Student Instructor responsibilities include teaching discussion sections, developing assignments and rubrics, grading assignments, and maintaining course management sites. In addition to the above, course instructors develop and teach their own courses, including leading lectures and discussion sections and designing syllabi. In the case of Linguistics 125, I proposed and completely designed the course.

Cognitive Science 1: Introduction to Cognitive Science (Fall 2014, Fall 2015)

Cognitive Science 101/Linguistics C105: The Mind and Language (Spring 2011, Spring 2012)

Linguistics R1B: Endangered Languages: What We Lose when a Language Dies (Spring 2015)  
Reading and composition course; Course Instructor

Linguistics 5: Language and Linguistics (Fall 2010, Summer 2013)  
Course Instructor (2013)

Linguistics 100: Introduction to Linguistic Science (Fall 2012)

Linguistics 106: Metaphor (Fall 2011)

Linguistics 125: Gesture, Cognition, and Culture (Summer 2014, Summer 2015)  
Course Instructor; self-designed class

Linguistics 375: Training for New Linguistics Teaching Assistants (Fall 2013)

**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  
          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

2009 Oppi Handler Graduate Study Fellowship, Vassar College  
Phi Beta Kappa, Mu Chapter of Vassar College  
Sigma Xi, Vassar College Chapter

### **RESEARCH EXPERIENCE**

2012-2015 Graduate Student Researcher, MetaNet Project  
International Computer Science Institute, Berkeley, CA  
Developed a large-scale linguistic network analysis of conceptual metaphors and frame structures in a database for automatic metaphor identification; performed statistical text corpus analysis. Funded by DARPA.

2010 Graduate Student Researcher, Up Project  
UC Berkeley  
Psycholinguistics of longitudinal speech production and adult language development

### **PROFESSIONAL SERVICE**

Pre-Major Advisor, Stanford University

Mentor, UC Berkeley Linguistics Research Apprenticeship Program

Co-organizer, Workshop on Metaphor in Cancer Discourse, UC Berkeley

Co-organizer, UC Berkeley Social Sciences Matrix Seminar Metaphor: Across Datasets and Methodologies

Founder and co-organizer, UC Berkeley Linguistics CogNetwork

Executive Committee Member, Berkeley Linguistics Society

Publication Peer Review: *Cognitive Linguistics*, *Cognitive Processing*, *Cognitive Science*, *Gesture*

### **ADDITIONAL EDUCATION**

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

2009-2012 Coursework in American Sign Language and Deaf Culture Studies  
Berkeley City College, Berkeley, CA

2009 Linguistic Society of America Summer Institute  
UC Berkeley

## **ACADEMIC SOCIETY MEMBERSHIPS**

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

## **LANGUAGES AND TECHNICAL SKILLS**

Languages	English (native) American Sign Language (intermediate) French (reading) Hebrew (beginning) Garifuna (Arawak: Belize; fieldwork)
Programming	R, Python, Java
Linguistics	ELAN, FLEx, Praat
Experimental	Amazon Mechanical Turk, Qualtrics, Google Forms
Other	LaTeX, SQL, iMovie, Microsoft Office, G Suite