TEENIE MATLOCK

Vice Provost for the Faculty
McClatchy Chair in Communications & Professor of Cognitive Science
University of California, Merced, 5200 N. Lake Road, Merced, CA 95343

ACADEMIC APPOINTMENTS

Vice Provost for the Faculty, UC Merced, 2019-present
Interim Vice Provost for the Faculty, UC Merced, 2018-19
Professor of Cognitive Science, UC Merced, 2016-present
Associate Professor of Cognitive Science, UC Merced, 2009-2016
Visiting Scholar, Information School, UC Berkeley, 2010-11
Visiting Scholar, Linguistics Department, UC Berkeley, 2010-11
Assistant Professor of Cognitive Science, UC Merced, 2004-2009
Faculty, Linguistics Society of America Summer Institute, UC Berkeley, 2009
Visiting Scholar, Psychology Department, Stanford University, 2004-2005
Research Associate, Psychology Department and CSLI, Stanford University, 2003-2004
Lecturer, Cognitive Science Program, UC Berkeley, 2002
Postdoctoral research, Psychology, Stanford University, 2001-2003
Coordinator, Academic and Professional Development Program, UC San Diego, 1993-95
Contract Language Instructor, English Language Program, UC San Diego, 1993-95
Language Instructor, English Language Program, UC San Diego, 1990-93

ACADEMIC AFFILIATIONS

Digital Culture Lab, UCLA, 2014-present
Political Science Graduate Program, UC Merced, 2014-present
International Computer Science Institute, Berkeley, 2011-present
Sierra Nevada Research Institute, UC Merced, 2010-present
Center for Autonomous and Interactive Systems, UC Merced, 2009-present
CITRIS (Center for Information Technology Research in Society), 2006-present
Institute of Cognitive and Brain Sciences, UC Berkeley, 2006-present

EDITORIAL DUTIES

Associate Editor, *Cognitive Linguistics*, 2014-2018
Editorial Board, *Cognitive Science*, 2018-present
Editorial Board, *Metaphor & Symbol*, 2014-present
Editorial Board, *Environmental Communication: A Journal of Nature and Culture,* 2013-16
Editorial Board, *Cognitive Linguistics*, 2007-9
Review Editor, *Frontiers in Psychology* (Cognition section), 2013-17
Editorial Advisory Board, Human Cognitive Processing Book Series, John Benjamins, 2010-present

GOVERNING AND ADVISORY BOARDS

Crash Coalition Advisory Board – We Save Lives, 2014-16
Governing Board, Cognitive Science Society, 2013-19
Cognitive Science Fellows Committee, 2013-15
Executive Board, UCOP Discovery Grants (Digital Media), 2005-8

EDUCATIONAL BACKGROUND

Postdoctoral Research, Psychology, Stanford University, 2001-2003
Ph.D., Cognitive Psychology, University of California, Santa Cruz, 2001
Graduate studies, Linguistics, University of California, San Diego, 1985-1990
M.A., Linguistics, California State University, Fresno, 1985
B.A., Liberal Studies (high honors), California State University, Fresno, 1983

GRANTS AWARDED

External Funding

Andrew W. Mellon Foundation. *UC Merced: Pathways to a Diverse Faculty*. $574,000, Co-PI (PI M. Zatz and Co-PI Z. Valdez), 2018-20

California Energy Commission, EPC-15-078, *Risk modeling and cognitive science to characterize barriers to climate change adaptation and solutions for California's power sector*, $350,000 (total), Co-PI (PI Kammen, UC Berkeley), 2016-19

National Science Foundation, CNS-1305196, *Acquisition of Sensors and Displays for Research on Motion Synthesis and Rehabilitation*, $302,869 (total), Co-PI (PI Kallmann), 2013-16

Intelligence Advanced Research Projects Agency, IARPA-BAA-11-04 Metaphor Program, *MetaNet: A Multilingual Metaphor Extraction, Representation, and Validation System* ($300,000 for UC Merced), Senior Researcher (PI Narayanan, ICSI, Berkeley), 2012-15

National Science Foundation, SMA-1251685, *Workshop and Summer School on Dynamics of Language and Music*, $49,520 (total), Co-PI (PI Kello), 2012-13

National Science Foundation, BCS-1031903, *Levy Distributions in Foraging Games, Scene Perception, and Semantic Memory*, $316,969 (total), Co-PI (PI Kello), 2010-12

National Science Foundation, IIS-0915665, *Parameterization and Collection of Demonstrative Gestures for Interactive Virtual Humans*, $499,071 (total), Co-PI (PI Kallmann), 2009-12

National Science Foundation, CNS-0723281 (Amendment), *REU Supplement for MRI: Acquisition of Equipment to Establish a Cognitive Sensorium and Visualization Facility at UC Merced*, $5,493 (total), Co-PI (PI Kallmann), 2008

National Science Foundation, BCS-0821766 (MRI), *Acquisition of Robotic Hardware for Humanoid Research in Cognitive Science and Engineering*, $476,500 (total), Co-PI (PI Carpin), 2008-11

National Science Foundation, CNS-0723281 (MRI), *Acquisition of Equipment to Establish a Cognitive Sensorium and Visualization Facility*, $255,493 (total), Co-PI (PI Kallmann), 2007-10

National Science Foundation, BCS-0617714, *Future of Cognitive Science*, $26,174 (total), PI, 2006

Internal Funding *University of California and UC Merced*

University of California Office of the President Advancing Faculty Diversity Award, *Improving Climate and Retention for STEM Faculty through Inclusive Communities at UC Merced*, Co-PI (with PI Z. Valdez, and Co-PIs Dania Matos, T. Golash-Boza), $138,874, 2019-2021

University of California Office of the President Advancing Faculty Diversity Award, *Pathways to the Professoriate: Advancing Faculty Diversity in the Schools of Natural Sciences and Engineering at UC Merced*, $498,000, Co-PI (with PI Valdez. Co-PIs Golash-Boza, Zatz), 2018-19

CITRIS Seed Grant, *Forest management approaches in the southern Sierra Nevada ecoregion: Developing a photographic mapping survey to communicate climate change*, $44,000, Co-PI (with PI J. Jenkins), 2017

Center for the Humanities Seed Grant, *Metaphor and the voices of US immigrants*, $2,000, PI (with K. Moorman, graduate student), 2017

Center for the Humanities Seed Grant, *Cancer metaphors in Spanish health stories*, $1,900, Co-PI (with D. Magana and O. David), 2017

CITRIS Seed Grant, *Ariadne's Thread: A mobile digital companion for blind indoor navigation*, $54,000, Co-PI (lead Manduchi, UC Santa Cruz), 2015

CITRIS Seed Grant, *Crowd-sourcing the evaluation of climate change information credibility*, lead PI (with Ranney, UC Berkeley), $22,000, 2015

UC Berkeley Social Science Matrix Grant, *Metaphor across datasets and methodologies*, Co-PI (PI Sweetser), $5,000, 2015

Center for the Humanities Seed Grant, *UCM Linguistics Initiative*, $12,500, Co-PI (PI Shih), 2015

Center for Research in the Humanities and Arts, UC Merced, Conference Development Grant, *An Interdisciplinary Approach to Exploring the Human Experience and Conceptualization of Caves*, $12,000, Co-PI (PI Moyes), 2011

University of California, Merced Collaborative Research Grant, Center for Research in the Humanities and the Arts, *Cognition and Caves Faculty Workgroup Grant*, $4,610, Co-PI (PI Moyes), 2010

University of California Discovery Grant, Cognitive Animation Conference, $14,200, Co-PI (other Co-PI Kallmann), 2007

Graduate Research Council, Shared Equipment Grant, $950, PI, 2006

Graduate Research Council, Faculty Research Grant, $1,100, PI, 2006

University of California Office of the President Grant, UC Merced Cognitive Science Planning Workshop, $2,000, Co-PI (PI Shadish), 2004

AWARDS, HONORS & ELECTED TITLES
Senate Award for Excellence in Faculty Mentorship, 2015-16
The Young Investigator Award (national award, all scientific fields, Sigma Xi), 2011
Vice Chair, American Indian Council of Mariposa County, 2010-2013
Senate Faculty Distinguished Undergraduate Teaching Award, 2008-9
Distinguished Service Award, Sigma Xi, UC Merced Chapter, 2008-9
Invited Faculty, Linguistics Society of America Summer Institute, 2009
President, Sigma Xi, Merced Chapter, 2008-9
Chapter of Excellence Award, Sigma Xi, 2008-9 (National Award)
Vice President, Sigma Xi, Merced Chapter, 2007-8
Chapter Outstanding Program Award, Sigma Xi, 2007-8 (national level award)
Elected Charter member, Sigma Xi, Merced Chapter, 2007
Invited faculty, Experimental Methods in Cognitive Linguistics Workshop, Cornell University, 2003
Outstanding Teaching Award, Psychology Department, UC Santa Cruz, 1999
Dissertation Research Award Psychology Department, UC Santa Cruz, 1999
Graduate Fellowship, Psychology Department, UCSC, 1995-96
San Diego Graduate & Opportunity Fellowship, Linguistics Department, UCSD, 1986-7, 1985-6

PROFESSIONAL ORGANIZATIONS
American Indian Science and Engineering Society
American Psychological Society
Cognitive Science Society
International Cognitive Linguistics Association
International Environmental Communication Association
International Trumpet Guild
Linguistics Society of America
Psychonomic Society
Sigma Xi, the Scientific Research Society

TEACHING
COGS 5, Introduction to Language & Linguistics, UCM, 2017, 2015, 2014, 2012, 2010, 2007
COGS 159, Metaphor and Thought, UCM, 2016, 2015, 2013, 2012, 2009
COGS 90x, Music and the Brain, UCM, 2011
LSA 112, Experimental Semantics, UC Berkeley, Summer 2009 (LSA Summer Institute)
COGS 1, Introduction to Cognitive Science, UCM, Fall 2008, 2007, 2006, 2005

COGS 180, Language & Cognition (Topics in Cognitive Science), UCM, Spring 2006
COGS 250, Mind, Technology, and Society, UCM, 2014, 2011, 2008, 2007, 2006
COGS 296, Metaphor: Foundation and Applications, UCM, 2018
COGS 1, Introduction to Cognitive Science, UC Berkeley, Summer 2002

ADVISING & MENTORING

Graduate Students   *solo or lead co-advisor unless otherwise specified*

Ayme Tomson, UCM Cognitive and Information Sciences
Gina Pretzer, UCM Cognitive and Information Sciences (PhD 2019)
Chelsea Coe, UCM Political Science (PhD 2018; co-advisor, with Nicholson, Political Science)
David Vinson, UCM Cognitive and Information Sciences (PhD 2017; co-advisor, with Dale)
Patricia Lichtenstein, UCM Cognitive and Information Sciences (PhD 2017, co-advisor, with Shih)
Bodo Winter, UCM Cognitive and Information Sciences (PhD 2016)
Till Bergmann, UCM Cognitive and Information Sciences (PhD 2016)
Justin Matthews, UCM Cognitive and Information Sciences (PhD 2014)
Stephanie Huette, UCM Cognitive and Information Sciences (PhD 2013, co-advisor, with Spivey)

Dissertation and Graduate Committees

Morgan Fleming, UCM Cognitive and Information Sciences
Chelsea Gordon, UCM Cognitive and Information Sciences
Matthew Turner, UCM Cognitive and Information Sciences
Brandon Batzlof, UCM Cognitive and Information Sciences
Umesh Krishnamurthy, UCM Cognitive and Information Sciences
Sam Spevak, UCM Cognitive and Information Sciences (PhD 2019)
Pat Samermit, UC Santa Cruz Psychology (PhD 2018)
Corrine Occhino Kehoe, University of New Mexico Linguistics (PhD 2016)
Esther Walker, UC San Diego Cognitive Science (PhD 2016)
Steve Duman, CU Boulder Linguistics (PhD 2016)
Shana Erickson, UCM Cognitive and Information Sciences (PhD 2015)
Alexandra Paxton, UCM Cognitive and Information Sciences (PhD 2015)
Tyler Marghetis, UC San Diego Cognitive Science (PhD 2015)
Paola Di Giuseppantonio Di Franco, UCM World Cultures (PhD 2014)
Fabrizio Galleazzi, UCM World Cultures (PhD 2014)
David Huang, UCM Electrical Engineering and Computer Science (PhD 2013)
Trent Kriete, UCM Cognitive Science (PhD 2010)
Michelle Gumbrecht, Stanford University Psychology (PhD 2006)
Shweta Narayan, UC Berkeley Linguistics
Carl Ponzio, UCM Spanish Literature (MA 2013)
Michael Romano, UCM Cognitive Science (PhD 2011)

Mentoring Postdoctoral Researchers and Project Scientists

Alexander Hereen, Postdoc, UCM Center for Climate Communication (2017-2018, with M. Conklin)
Oana David, Chancellor's Postdoc Fellow, UCM Cognitive and Information Sciences (2016-2018)
Emmanuel Vincent, Project Scientist, UCM Center for Climate Communication (2015-2017)
Timothy Gann, Postdoc, UCM Center for Climate Communication (2013-15)
Marcus Perlman, Postdoc, UCM Cognitive and Information Sciences (2012-13)

Mentoring Assistant Professors

Kristina Backer, UCM Cognitive and Information Sciences
Colin Holbrook, UCM Cognitive and Information Sciences
Paul Smaldino, UCM Cognitive and Information Sciences
Dalia Magana, UCM (Spanish Linguistics)
Susana Ramirez, UCM (Public Health)
Carolyn Jennings, UCM Cognitive and Information Sciences
Anne Warlaumont, UCM Cognitive and Information Sciences (now at UCLA)
Stephanie Shih, UCM Cognitive and Information Sciences (now at USC)

U.S. PATENT

Character Input Interface for Compact Electronic Devices, #6744427, issued 2004

PUBLICATIONS

Edited Volumes and Special Reports

Noelle, D. C., Dale, R., Warlaumont, A. S., Yoshimi, J., **Matlock**, T., Jennings, C. D. & Maglio, P. P. (Eds.) (2015). *Proceedings of the 37th Annual Meeting of the Cognitive Science Society*.

Ramanathan, V., Allison, J.E., Auffhammer, M., Auston, D., Barnosky, A.D., Chiang, L., Collins, W.D., Davis, S.J., Forman, F., Hecht, S.B., Kammen, D., Lin Lawell, C.-Y. , **Matlock**, T., Press, D., Rotman, D., Samuelsen, S., Solomon, G., Victor, D. G., & Washom, B. (2015). Executive Summary. *Bending the Curve: 10 Scalable Solutions for Carbon Neutrality and Climate Stability*. University of California.

Articles Peer-reviewed

Magaña, D., & **Matlock**, T. (in press). "*Esta batalla la tenía que ganar*": *La metáfora, modalidad y el género en narrativas de cáncer. Signos.* Special issue on Studies in Systemic Functional Linguistics in/about Spanish, J. Arús Hita and N. Kaplan (Eds.)

Heeren, A., Pathak, T. B., Matlock, T., & Conklin, M. (2019). Public Perceptions of California's Exceptional Drought. *JAWRA Journal of the American Water Resources Association*, *55*(6), 1564-1571.

Thibodeau, P. **Matlock**, T., & Flusberg, S. (2019). The role of metaphor in communication and thought. *Language & Linguistics Compass*.

David, O., & **Matlock**, T. (2018). Cross-linguistic automated detection of metaphors for poverty and cancer. *Language and Cognition*, *10(3)*, 467-493.

Flusberg, S., **Matlock**, T., & Thibodeau, P. (2018). War metaphors in public discourse. *Metaphor & Symbol*, *33,* 1-18.

Magana, D., & **Matlock**, T. (2018). How Spanish speakers use metaphor to describe their experiences with cancer. *Discourse and Communication, 12(4),* 1-18.

Winter, B., Daguna, J., & **Matlock**, T. (2018). Metaphor-enriched social cognition and a possible role for spatial bias in courtrooms. *Metaphor and the Social World,* 8(1), 81-98.

Flusberg, S., **Matlock**, T., & Thibodeau, P. (2017). Metaphors for the war (or race) against climate change. *Environmental Communication,* 11(6), 1-15.

Flusberg, S., **Matlock**, T., & Thibodeau, P. (2017). Thinking about the future: The role of spatial metaphors for time. *Proceedings of the 39th annual meeting of the Cognitive Science Society* (pp. 3789-3974).

Matlock, T. (2017). Metaphor, simulation and fictive motion. In Barbara Dancygier (Ed.), *Cambridge Handbook of Cognitive Linguistics.* New York, N.Y.: Cambridge University Press.

Matlock, T., Coe, C.M., & Westerling, A.L. (2017). Monster wildfires and metaphor in risk communication. *Metaphor & Symbol*, 32(4), 250-261.

Moyes, H, Rigoli, L., Huette, S., Montello, D.R., **Matlock**, T., & Spivey, M. (2017). Darkness and the imagination: The role of environment in the development of spiritual belief. In C. Papadopoulos and G. Earl (Eds.), *The Oxford handbook of light in archaeology*. Oxford: Oxford University Press.

Ramanathan, V., Han, H., & **Matlock**, T. (2017). Educating children to bend the curve: For a stable climate, sustainable nature and sustainable humanity. In *Children and Sustainable Development* (pp. 3-16). Springer International Publishing.

Vinson, D.W., Engelen, J., Zwaan, R.A., **Matlock,** T., & Dale, R. (2017). Implied motion language can influence visual spatial memory. *Memory and Cognition*.

Winter, B., & **Matlock**, T. (2017). Primary metaphors are both cultural and embodied. In Beate Hampe (Ed.), *Metaphor: Embodied cognition and discourse*. New York, N.Y.: Cambridge University Press.

Barnosky, A.D. & **Matlock**, T. (co-lead authors), with Christensen, J., Han, H., Miles, J., Rice, R.E., Westerling, A.L., & White, L. (2016). Establishing common ground: Finding better ways to communicate about climate disruption. In *Bending the Curve: 10 scalable solutions for carbon neutrality and climate stability*. Collabra, 1-20.

Huette, S., & **Matlock**, T. (2016). Figurative language processing: Fictive motion and the visual world. In P. Knoeferle, P. Pyykkönen-Klauck, & M. W. Crocker (Eds.), *Visually Situated Language Comprehension* (pp. 185-204). John Benjamins.

Di Giuseppantonio Di Franco, P., Matthews, J.L., & **Matlock**, T. (2015). Framing the past: How virtual experience affects bodily descriptions of artefacts. *Journal of Cultural Heritage*.

Fusaroli, R., Perlman, M., Mislove, A., Paxton, A., **Matlock**, T., & Dale, R. (2015). Timescales of massive human entrainment. *PLOS ONE*, 10(4), e0122742.

Maglio, P. P. Montoya, A.J., & **Matlock**, T. (2015). Grounding and the service encounter. *The 2015 Naples Forum on Service*.

Matlock, T., & Bergmann, T. (2015). Fictive motion. In E. Dąbrowska & D. Divjak (Eds.), *Handbook of Cognitive Linguistics* (pp. 546-561). DeGruyter Mouton.

Matlock, T., Gann, T., Bergmann, T., & Coe, C. (2015). Metaphor in communicating wildfire risk. *Proceedings of the 12th Biennial Conference on Communication and the Environment.*

Matlock, T., & Winter, B. (2015). Experimental semantics. In B. Heine and H. Narrog (Eds.), *Oxford Handbook of Linguistic Analysis* (pp. 771-790). Oxford: Oxford University Press.

Sagi, E., Gann, T.M., & **Matlock**, T. (2015). The moral rhetoric of climate change. In *Proceedings of the 37th annual meeting of the Cognitive Science Society*.

Winter, B., Marghetis, T., & **Matlock**, T. (2015). Of magnitudes and metaphors: Explaining cognitive interactions between space, time, and number. *Cortex*, 64, 209-224.

Winter, B., **Matlock**, T., Shaki, S., & Fisher, M.H. (2015). Mental number space in three dimensions. *Neuroscience & Biobehavioral Reviews*.

Gann, T., & **Matlock**, T. (2014). The semantics of climate change and global warming. *Proceedings of the 36th annual meeting of the Cognitive Science Society* (pp. 505-510) Austin, TX: Cognitive Science Society.

Huette, S., Winter, B., **Matlock**, T., Ardell, D., & Spivey, M.J. (2014). Eye movements during listening reveal spontaneous grammatical processing. *Frontiers in Cognitive Science*.

Matlock, T., Castro, S.C., Fleming, M., Gann, T., & Maglio, P. (2014). Spatial metaphors in web use. *Spatial Cognition and Computation*, *14*, 306-320.

Matlock, T., Sparks, D., Matthews, J.L., Hunter, J., & Huette, S. (2014). Smashing new results on aspectual framing: How people describe car accidents. In N.B. Gisborne and W. Hollmann (Eds.), *Theory and data in cognitive linguistics* (pp.239-259). John Benjamins.

Vinson, D.W., Abney, D.H., Dale, R., & **Matlock**, T. (2014) High-level context effects on spatial displacement: the effects of body orientation on language and memory. *Frontiers in Psychology – Cognitive Science* 5:637. doi:10.3389/fpsyg. 2014.00637

Anderson, S., **Matlock**, T., & Spivey, M.J. (2013). Grammatical aspect and temporal distance in motion descriptions. *Frontiers in Psychology – Cognitive Science, 4:* Article 337. Cognitive Science.

Matlock, T. (2013). Motion metaphors in political races. In M. Borkent, B. Dancygier, and J. Hinnell (Eds.), *Language and the creative mind* (pp. 193-201). Stanford, CA: CSLI Publications.

Winter, B., & **Matlock**, T. (2013). Creativity and the sensorimotor grounding of mathematics. In M. Borkent, B. Dancygier, and J. Hinnell (Eds.), *Language and the creative mind* (pp.37-48). Stanford, CA: CSLI Publications.

Winter, B., & **Matlock**, T. (2013). Making judgments based on similarity and proximity. *Metaphor & Symbol*, *28*, 1-14.

Winter, B., & **Matlock**, T. (2013). More is up… and right: Random number generation along two axes. *Proceedings of the 35th annual meeting of the Cognitive Science Society* (pp. 3789-3974). Austin, TX: Cognitive Science Society.

Winter, B., Perlman, M., & **Matlock**, T. (2013). Using space to talk and gesture about numbers: Evidence from the TV News Archive. *Gesture*, 13, 377-408.

Flores, C., **Matlock**, T., & Dávila, L.P. (2012). Enhancing materials research through innovative 3D environments and interactive manuals for data visualization and analysis. *MRS Proceedings*, 1472, mrss12-1472-zz01-03 doi:10.1557/pol.2012.1257.

Huette, S., Winter, B., **Matlock**, T., & Spivey, M. (2012). Processing motion implied in language: Eye-movement differences during aspect comprehension. *Cognitive Processing*, *13*, 193-197.

Matlock, T. (2012). Framing political messages with grammar and metaphor. *American Scientist*, 100, 478-483.

Matlock, T., Sparks, D., Matthews, J.L., Hunter, J., & Huette, S. (2012). Smashing new results on aspectual framing: How people describe car accidents. *Studies in Language*, 36, 699-720.

Doblack, B., Flores, C., **Matlock**, T., & Dávila, L. (2011). The emergence of immersive low-cost 3D virtual reality environments for interactive learning in materials science and engineering. *MRS Proceedings*, *1320*, mrsf10-1320-xx04-01 doi:10.1557/opl.2011.636

Fausey, C.M., & **Matlock**, T. (2011). Can grammar win elections? *Political Psychology, 32*, 563–574.

Huang, Y., Matthews, J.L., **Matlock**, T., & Kallmann, M. (2011). Modeling gaze behavior for virtual demonstrators. In H. Högni Vilhjálmsson et al. (Eds.), *Proceedings of the 11th International Conference on Intelligent Virtual Agents*, Reykjavík, Iceland, LNAI 6895 (pp. 155-161). Berlin/Heidelberg: Springer-Verlag. doi:10.1007/978-3-642-23974-8_17

Huette, S., Anderson, S., **Matlock**, T., & Spivey, M.J. (2011). A one-stage distributed processing account of linguistic negation. *Proceedings of the 33rd annual meeting of the Cognitive Science Society* (pp. 2037-2042). Austin, TX: Cognitive Science Society.

Huette, S., Huang, Y., Kallmann, M., **Matlock**, T., & Matthews, J.L. (2011). Gesture variants and cognitive constraints for interactive virtual reality training systems. *Proceedings of the 2011 International Conference on Intelligent User Interfaces*. ACM press.

Matlock, T. (2011). The conceptual motivation of aspect. In K. Panther and G. Radden (Eds.), *Motivation in Grammar and the Lexicon* (pp. 133-147) Amsterdam: Philadelphia: John Benjamins.

Matlock, T., Holmes, K.J., Srinivasan, M., & Ramscar, M. (2011). Even abstract motion influences the understanding of time. *Metaphor and Symbol, 26*, 260-271.

Matthews, J.L., & **Matlock**, T. (2011). Understanding the link between spatial distance and social distance. *Social Psychology, 42*, 185-192.

Anderson, S., Huette, S., **Matlock**, T., & Spivey, M.J. (2010). Comprehending negated sentences with binary states and locations. *Proceedings of the 32nd annual meeting of the Cognitive Science Society* (pp.1192-1197). Austin, TX: Cognitive Science Society.

Anderson, S., Huette, S., **Matlock**, T., & Spivey, M.J. (2010). On the temporal dynamics of negated perceptual simulations. In F. Parrill, V. Tobin, and M. Turner (Eds.) *Meaning, Form, and Body*. CSLI Press.

Anderson, S., **Matlock**, T., & Spivey, M.J. (2010). On-line interactions of context and grammatical aspect. *Proceedings of the 32nd annual meeting of the Cognitive Science Society* (pp. 1198-1203). Austin, TX: Cognitive Science Society.

Anderson, S., **Matlock**, & Spivey, M.J. (2010). The role of grammatical aspect in the dynamics of spatial descriptions. *Spatial Cognition VII* (pp. 139-151). Springer Lecture Notes in Computer Science Series. Spring Verlag.

Fausey, C.M., & **Matlock**, T. (2010). Can grammar influence voting? *Proceedings of the 32nd annual meeting of the Cognitive Science Society* (pp. 1330-1335). Austin, TX: Cognitive Science Society.

Forte, M., Kurillo, G., & **Matlock**, T. (2010). Teleimmersive archaeology: Simulation and cognitive impact. *EuroMed 2010 – Digital Heritage* (pp. 422-431). Springer Lecture Notes in Computer Science Series.

Huette, S., **Matlock**, T., & Spivey. (2010). The online processing of modal verbs: Parallel activation of competing mental models. *Proceedings of the 32nd annual meeting of the Cognitive Science Society* (pp. 1154-1159). Austin, TX: Cognitive Science Society.

Matlock, T. (2010). Abstract motion is no longer abstract. *Language and Cognition, 2*, 243-260.

Matthews, J.L., & **Matlock**, T. (2010). The spatial and temporal underpinnings of social distance. *Proceedings of Spatial Cognition VII* (pp. 19-31). Springer Lecture Notes in Computer Science/Lecture Notes in Artificial Intelligence Series.

Ramscar, M., **Matlock**, T., & Boroditsky, L. (2010). Time, motion and meaning - the experiential basis of abstract thought. In L. Smith, K. Mix, & M. Gasser (Eds.), *Spatial Foundations of Cognition and Language* (pp. 67-86). Oxford University Press.

Ramscar, M., **Matlock**, T., & Dye, M. (2010). Running down the clock: the role of expectation in our understanding of time and motion. *Language and Cognitive Processes, 25*, 589-615.

Coulson, S., & **Matlock**, T. (2009). Cognitive science. In S. Dominiek, J.O. Östman and J. Verschueren (Eds.), *Cognition and Pragmatics* (pp. 86–109). Amsterdam: John Benjamins.

Anderson, S., **Matlock**, T., Fausey, C.M., & Spivey, M.J. (2008). On the path to understanding the on-line processing of grammatical aspect. *Proceedings of the 30th annual meeting of the Cognitive Science Society* (pp. 2253-2258).

Gibbs, R.W., & **Matlock**, T. (2008). Metaphor, imagination, and simulation: Psycholinguistic evidence. In R. Gibbs (Ed.) *Cambridge handbook of metaphor and thought* (pp. 161-176). New York: Cambridge University Press.

Glushko, R.J., Maglio, P.P., **Matlock**, T., & Barsalou, L. (2008). Categorization in the wild. *Trends in Cognitive Science, 12*, 129-135.

Bergen, B., Lindsay, S., **Matlock**, T., & Narayanan, S. (2007). Spatial and linguistic aspects of visual imagery in sentence comprehension. *Cognitive Science, 31*, 733-764.

Fausey, C.M., **Matlock**, T., & Richardson, D.C. (2007). Agents and affordances: Listeners look for what they don't hear. *Proceedings of the 29th Annual Conference of the Cognitive Science Society* (pp. 245-250). Mahwah, NJ: Lawrence Erlbaum. 20.

Glushko, R.E., Maglio, P.P., **Matlock**, T., & Barsalou, L. (2007). Semantics in the wild. *Proceedings of the 29th Annual Conference of the Cognitive Science Society* (pp.27-28). Mahwah, NJ: Lawrence Erlbaum.

Richardson, D.C., & **Matlock**, T. (2007). The integration of figurative language and static depictions: An eye movement study of fictive motion, *Cognition, 102*, 129-138.

Matlock, T. (2006). Depicting fictive motion in drawings. In J. Luchenbroers, (Ed.) *Cognitive Linguistics Investigations: Across languages, fields and philosophical boundaries* (pp. 67-85). Amsterdam: John Benjamins.

Richardson, D.C., **Matlock**, T., Crosby, J.R., & Dale, R. (2006). Figurative, spontaneous, interactive and potentially offensive: Three projects with rich visual and linguistic stimuli. Paper presented at workshop: What have eye movements told us so far, and what is next? *Proceedings of the 28th Annual Meeting of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum.

Coulson, S., & **Matlock**, T. (2005). Cognitive science. In J. Verschueren and J. Ostman (Eds.) *Handbook of pragmatics* (pp.1-29). Amsterdam: John Benjamins.

Matlock, T., Ramscar, M., & Boroditsky, L. (2005). On the experiential link between spatial and temporal language. *Cognitive Science, 29*, 655-664.

Matlock, T. (2004). The conceptual motivation of fictive motion. In G. Radden and R. Dirven (Eds.), *Motivation in grammar* (pp. 221-248). Amsterdam: John H. Benjamins.

Matlock, T. (2004). Fictive motion as cognitive simulation. *Memory & Cognition*, 32, 1389-1400.

Matlock, T., Ramscar, M., & Boroditsky, L. (2004). The experiential basis of motion language. In A. Soares da Silva, A. Torres, & M. Goncalves (Eds.), *Linguagem, cultura e cognicao: Estudo de linguistica cognitiva* (pp.43-57). Coimbra: Almedina.

Matlock, T., & Richardson, D.C. (2004). Do eye movements go with fictive motion? *Proceedings of the 26th Annual Conference of the Cognitive Science Society* (pp.909-914). Mahwah, NJ: Lawrence Erlbaum.

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Articles in Preparation

Tomson, A., & **Matlock**, T. (under review). Percent hyperbole in everyday language.

Woodin, G., Winter, B., Perlman, M., Littlemore, J., & **Matlock,** T. (under review). Metaphoric gestures for numerical quantity and emotional valence in the TV News Archive.

Turner, M.A., Maglio, P., & **Matlock,** T. (in progress). Metaphorical violence in political discourse.

Matlock, T., & Bergmann, T. (in progress). Fictive motion in the wild: Speech and gesture in television news

Published Abstracts *posters unless specified otherwise*

Conklin, M., Heeren, A., Pathak, T., Safeeq, M., & **Matlock**, T. (2018, December). Strategies for communicating about climate change, drought, and agriculture in California. 51st Annual American Geophysical Union Fall Meeting. Washington, DC.

Turner, M.A., Bernacchi, L., Maglio, P., & **Matlock**, T. (2018, December). How regulations strangle business: Lessons for science communication based on violence metaphors in the 2016 presidential election. 51st Annual American Geophysical Union Fall Meeting. Washington, DC.

Thibodeau, P., Hendricks, R., Boroditsky, L., Flusberg, S., & **Matlock,** T. (2017, November). How linguistic metaphor scaffolds reasoning. *Abstracts of the Psychonomic Society*, 58th Annual Meeting (p. 45).

Vincent, E., **Matlock**, T., & Westerling, A. (2015, December). Climate feedback: Bringing the scientific community to provide direct feedback on the credibility of climate media coverage. *48th American Geophysical Union Fall Meeting*. San Francisco, CA.

Bergmann, T. & **Matlock**, T. (2015, July). Watching fictive motion in action: discourse data from the TV News Archive. *Proceedings of the 37th annual meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Coe, C., Bergmann, T., & **Matlock**, T. (2015, July). Violence metaphors in presidential debates. *Proceedings of the 37th annual meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Winter, B., Perlman, M., & **Matlock**, T. (2015, July). "Tiny" and "low" numbers: Gestures in the TV News reflect mental number space. *Proceedings of the 37th annual meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Gann, T. M., Conklin, M., Gonzales, J. P. & **Matlock**, T. (2015, January). Engaging with the public in California about drought. 95th Annual Meeting of the American Meteorological Society. Phoenix, AZ.

Gann, T. M., Conklin, M., Gonzales, J. P. & **Matlock**, T. (2014, December). The science of effectively communicating about drought in California. 47th American Geophysical Union Fall Meeting. San Francisco, CA.

Matlock, T., Westerling, A.L., Gann, T., Bergmann, T., & Banks, C. (2014). How we talk about wildfires. Ninth Symposium on Policy and Socio-Economic Research. American Meteorological Society. Atlanta, Georgia.

Greenwood, M., Matthews, J.L., Spivey, M.J., & **Matlock**, T. (2013). Taking someone else's perspective: When body "position" is more important than body "presence." *Proceedings of the 35th annual meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Lichtenstein, P., Perlman, M., & **Matlock**, T. (2013). A crosslingustic look at how metaphor, manner, and aspect propel politicians through campaign races. *Proceedings of the 35th annual meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Matthews, J.L., & **Matlock**, T. (2013). Bridging the gap between friends: How imagined proximity of friends skews our estimation of bridge length. *Proceedings of the 35th annual meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Vinson, D.W., Abney, D.H., Dale, R., & **Matlock**, T. (2013). The influence of motion language and gaze orientation on spatial memory. *Proceedings of the 35th annual meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Winter, B., & **Matlock**, T. (2013). More is up… and right: Random number generation along two axes. *Proceedings of the 35th annual meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Huette, S., **Matlock,** T., & Spivey, M.J. (2012). Eye movements reveal processing differences between modal verbs *should* and *must*. *Abstracts of the Psychonomic Society*, 53rd Annual Meeting (p.194).

Greenwood, M., **Matlock**, T., Spivey, M.J., and Matthews, J.L. (2011). Looking at the social dynamics of viewpoint. *Proceedings of the 33rd annual meeting of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

Huang, Y, Matthews, J.L., Kallmann, M., & **Matlock**, T. (2011). Developing natural full-body motion synthesis in virtual humans. *Proceedings of the 33rd annual meeting of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

Matlock, T., & Matthews, J.L. (2011). Space in the workplace: How perspective and valence of anticipated information matter. *Abstracts of the Psychonomic Society, 52nd Annual Meeting* (p. 172).

Matthews, J.L., & **Matlock**, T. (2011). Employers and employees: How narrative perspective influences virtual agent placement in a simulated work environment. *Proceedings of the 33rd annual meeting of the Cognitive Science Society.* Austin, TX: Cognitive Science Society.

Greenwood, M., **Matlock**, T., Spivey, M.J., and Matthews, J.L. (2010) Am I a robot? How verb agency and agent depiction influence perspective in visual scenes. *Proceedings of the 32nd annual meeting of the Cognitive Science Society* (p. 611). Austin, TX: Cognitive Science Society.

Matthews, J.L., & **Matlock**, T. (2010). How agent placement can influence perceived boss/co-worker agreement in a simulated work environment. *Proceedings of the 32nd annual meeting of the Cognitive Science Society* (p. 524). Austin, TX: Cognitive Science Society.

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Matthews, J.L., & **Matlock**, T. (2009). Effects of social information on drawn route traversals. *Proceedings of the 31st annual meeting of the Cognitive Science Society* (p. 2005). Amsterdam, The Netherlands.

Matthews, J.L., & **Matlock**, T. (2008). Effects of social information on distance estimation. Proceedings of the 30th annual meeting of the Cognitive Science Society (p. 2028). Washington, D.C.

Matlock, T., Fausey, C.M., Cargill, S., & Spivey, M.J. (2007). On the path toward understanding the dynamics of aspect in descriptions of motion events. *Abstracts of the Psychonomic Society, 48th Annual Meeting* (p. 25). (oral presentation)

Gumbrecht, M., **Matlock**, T., & Clark, H.H. (2007). Should I call or should I email? *Proceedings of the 29th Annual Conference of the Cognitive Science Society* (p.1766). Mahwah, NJ: Lawrence Erlbaum.

Matthews, J.L., & **Matlock,** T. (2007). How spatial is social distance? *Proceedings of the 29th Annual Conference of the Cognitive Science Society* (p.1813). Mahwah, NJ: Lawrence Erlbaum.

Matlock, T., & Richardson, D.C. (2006). The dynamics of fictive motion. *Abstracts of the Psychonomic Society, 47th Annual Meeting* (p.133).

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Maglio, P., & **Matlock**, T. (1998). Emergent structure in information space. *Conceptual Structure in Discourse and Language conference*. Emory University, Atlanta, GA.

Matlock, T., & Modjeska, D. (1998). An experiential approach to getting around in information spaces. *Proceedings of the Second Swedish Symposium on Multimodal Communication*. Lund University, Lund, Sweden. (oral presentation)

Matlock, T. & Maglio, P. P. (1996). Apparent motion on the World Wide Web. *Proceedings of the 18th Annual Conference of the Cognitive Science Society*. Erlbaum: Mahwah, NJ.

PRESENTATIONS

Talks at Conferences *not already listed under publications*

David, O., Quintana, G. & **Matlock, T.** (2018, March). Blogging about cancer is a perilous journey: Metaphor in English and Spanish cancer narratives. Symposium at the Society for Personality and Social Psychology Annual Convention (SPSP 2018). Atlanta, Georgia.

Matlock, T., David, O. & Turner, M. (2018, March). Violence metaphors are not always the good, the bad, and the ugly. Symposium at the Society for Personality and Social Psychology Annual Convention (SPSP 2018). Atlanta, Georgia.

David, O., **Matlock, T.** & Magana, D. (2017, July). Computational and corpus-linguistic methods in the cross-linguistic study of cancer metaphors. The 14th International Cognitive Linguistics Conference, Tartu, Estonia.

Magaña, D., **Matlock**, T., & Quintana, G. (2017, July). An Analysis of Metaphor in Spanish Cancer Narratives. 14th International Cognitive Linguistics Conference (ICLC): Linguistic Diversity and Cognitive Linguistics. Tartu, Estonia.

Magaña, D., & **Matlock**, T. (2017, June). Genre and metaphor analysis in Spanish cancer narratives. 27th European Systemic Functional Linguistics Conference: Intercultural and Contrastive Descriptions of Language. Salamanca, Spain.

Turner, M. A., Maglio, P. P., & **Matlock, T.** (2017, July). A corpus analysis of the dynamics of violence metaphors in cable news programming on US politics. 14th International Cognitive Linguistics Conference (ICLC). Tartu, Estonia.

Turner, M. A., Bernacchi, L., Maglio, P. P., & **Matlock, T**. (2017, June). Breaking news: the EPA is strangling the economy! An analysis of metaphorical violence and US environmental regulators. 2017 Conference on Communication and the Environment (COCE). Leicester, United Kingdom.

Tomson, A., & **Matlock**, T. (2017, July). A 1,000 Percent Worthwhile Analysis of Numerical Hyperbole. The 14th International Cognitive Linguistics Conference. Tartu, Estonia.

Heeren, A., Pathak, T., Conklin, M., & **Matlock**, T. (2017, July). Perceptions of drought and water management among rural Californians. Rural Sociological Society Conference.

Masterson, A., Winter, B., & **Matlock**, T. (2016, July). Spatial metaphors underlie gesture in musical conducting. *Researching and Applying Metaphor 11 conference (RaAM).* Berlin, Germany.

Masterson, A., Winter, B., & **Matlock**, T. (2016, July). Spatial metaphors underlie gesture in musical conducting. *7th Conference of the International Society for Gestures Studies (ICGS).* Paris, France.

Bergmann, T., & **Matlock,** T. (2014, November). Looking at fictive motion in natural discourse. The 12th Conceptual Structure in Discourse and Language Conference (CSDL). Santa Barbara.

Gann, T. M., Conklin, M., Gonzales, J. P. & **Matlock**, T. (2015, January). Engaging with the public in California about drought. 95th Annual Meeting of the American Meteorological Society. Phoenix, AZ.

Gann, T. M., Conklin, M., Gonzales, J. P. & **Matlock**, T. (2014, December). The science of effectively communicating about drought in California. 47th American Geophysical Union Fall Meeting. San Francisco, CA.

Coe, C., Winter, B., & **Matlock**, T. (2014, November). Sticks and stones may break bones but words are just as deadly: Metaphors in current politics. The 12th Conceptual Structure in Discourse and Language Conference (CSDL). Santa Barbara.

Gann, T. M. & **Matlock**, T. (2014, November). Machine classification of climate messages in partisan media. 44th Annual Meeting of the Society for Computers in Psychology. Long Beach, CA.

Vinson, D.W., Zwaan, R., Dale, D., **Matlock**, T. & Engelen, J. **(**2014, November). Motion language mediates gravitational effects on spatial memory. The 12th Conceptual Structure in Discourse and Language Conference (CSDL). Santa Barbara.

Coe, C., Winter, B., & **Matlock**, T. (2014, August). How sticks and stones metaphorically break bones in presidential elections. Embodied and Situated Language Processing Conference (ESLP). Rotterdam.

Daguna J.J., Winter, B., & **Matlock**, T. (2014, August). How embodied metaphors of social distance may affect courtroom decisions. Embodied and Situated Language Processing Conference (ESLP). Rotterdam.

Winter, B., Perlman, M., & **Matlock**, T. (2014, July). Tiny numbers are actually tiny: Precision grips map onto implied quantity. 6th Conference of the International Society for Gesture Studies. San Diego, CA.

Bergmann, T., Banks, C., & **Matlock, T.** Watching fictive motion in action. (2014, June). Research and Applying metaphor 10 conference (RaAM). Cagliari, Italy.

Matlock, T., Westerling, A.L., Gann, T., Bergmann, T., & Banks, C. (2014, February). How we talk about wildfires. Ninth Symposium on Policy and Socio-Economic Research. American Meteorological Society. Atlanta, Georgia.

Winter, B., Perlman, M., & **Matlock**, T. (2013, August). How do people talk and gesture about numbers?: Evidence from TV News Casts. Sixth Embodied and Situated Language Processing Conference. Potsdam, Germany.

Coe, C., Winter, B., & **Matlock**, T. (2013, June). Argument is war metaphors in current politics. The 12th International Cognitive Linguistics Conference. Edmonton, Canada.

Matlock, T., Perlman, M., Fleming, M., & Coe, C. (2013, June). How motion metaphors drive political races. The 12th International Cognitive Linguistics Conference. Edmonton, Canada.

Winter, B., & **Matlock**, T. (2013, June). Testing similarity is proximity in realistic reasoning type situations. The 12th International Cognitive Linguistics Conference. Edmonton, Canada.

Bergmann, T., & **Matlock**, T. (2013, July). Fictive motion in action: Gestures and visual representations co-occurring with fictive motion sentences in TV news. Embodied and Situated Language Processing Conference (ESLP). Potsdam, Germany.

Winter, B., Perlman, M., Mislove, A., & **Matlock**, T. (2013, July). How do people talk and gesture about numbers? Evidence from TV news casts. Embodied and Situated Language Processing Conference (ESLP). Potsdam, Germany.

Castro, S.C., Maglio, P., & **Matlock**, T. (2012, May). How people conceptualize the web today. The 11th Conceptual Structure in Discourse and Language Conference (CSDL). University of British Columbia, Vancouver, Canada.

Winter, B., & **Matlock**, T. (2012, May). More is bigger: Physical size in mental arithmetic. The 11th Conceptual Structure in Discourse and Language Conference (CSDL). University of British Columbia, Vancouver, Canada.

Matthews, J.L., Huang, Y., **Matlock**, T., & Kallmann, M. (2012, April). See what I mean? Modeling gaze behavior for virtual demonstrators. The 33rd annual Central California Research Symposium. Fresno, CA.

Huang, Y., Matthews, J.L., **Matlock**, T., & Kallmann, M. (2011, September). Modeling gaze behavior for virtual demonstrators. The 11th International Conference on Intelligent Virtual Agents, Reykjavik, Iceland.

Anderson, S., **Matlock**, T., & Spivey, M.J. (2011, August). The future of grammatical aspect: The impact of aspect and tense on motor output. Embodied and Situated Language Processing Workshop (ESLP). Bielefeld, Germany.

Greenwood, M., **Matlock**, T., Matthews, J.L., & Spivey, M.J. (2011, April). Looking at how affordances change viewpoint. The 32nd annual Central California Research Symposium. Fresno, CA.

Matthews, J.L. & **Matlock**, T. (2011, April). When viewpoint matters: How narrative perspective and social distance influence virtual agent placement. The 32nd annual Central California Research Symposium. Fresno, CA.

Huette, S., Winter, B., **Matlock**, T., & Spivey, M. (2011, March). Spatiotemporal fixation differences on a blank screen during aspect comprehension. Twenty-fourth CUNY Conference on Sentence Processing. Stanford, CA.

Doblack, B., Flores, C., **Matlock**, T., & Davila, L. (2010, November). The effectiveness of interactive low-cost 3D virtual reality environments on materials science education. Symposium XX: Materials Education Development and Outreach – From K-Grad. Materials Research Society Fall Meeting, Boston, MA.

Anderson, S., **Matlock**, T., Spivey, M.J., & Huette, S. (2010, September). Dynamic on-line processing of grammatical aspect and context. Embodied and Situated Language Processing Workshop and Conceptual, Structure, Discourse, and Language Conference (joint meeting). La Jolla, CA.

Anderson, S., Huette, S., **Matlock**, T., & Spivey, M.J. (2009, July). Remembering and comprehending negated binary-state sentences. Embodied and Situated Language Processing Workshop (ESLP). Rotterdam, The Netherlands.

Matthews, J.L., & **Matlock**, T. (2009, April). Effects of social information on drawn route traversals. 30th annual Central California Research symposium, Fresno, Ca.

Matlock, T., Cargill, S., Fausey, C.M., Spivey, M.J, & Huette, S. (2008, August). On the path to understanding the dynamics of aspect. The International Conference on Language, Culture and Cognition. Brighton, UK. (Presented by Huette)

Matlock, T., Cargill, S., Fausey, C.M., & Spivey, M.J. (2007, August). The influence of linguistic aspect on motion trajectories: On the path to understanding the dynamics of perceptual simulation. Embodied and Situated Language Processing Workshop (ESLP, formerly Embodied Sentence Processing Workshop). Saarland University, Saarbruecken, Germany. (Presented by Cargill)

Matlock, T. (2007, August). The semantics of tagging. The 29th Annual Conference of the Cognitive Science Society. Nashville, TN. (in Semantics in the Wild Symposium)

Matlock, T., & Richardson, D.C. (2006, November). The dynamics of fictive motion. The 8th Conference on Conceptual Structure in Discourse and Language (CSDL). UCSD, La Jolla, CA.

Matlock, T. (2004, October). Where eye movements go with fictive motion. The 7th Conceptual Structure in Discourse and Language Conference (CSDL). University of Alberta, Canada.

Matlock, T. (2003, July). Looking at fictive motion. The 8th International Cognitive Linguistics Conference. La Rioja, Spain.

Matlock, T., &. Clark, H.H. (2003, July). Gesture in space and language. The 8th International Cognitive Linguistics Conference. La Rioja, Spain.

Matlock, T., Ramscar, M., & Boroditsky, L. (2003, July). The experiential basis of motion language. Language, Culture, and Cognition: An International Conference on Cognitive Linguistics. Braga, Portugal.

Matlock, T. (2002, October). The psychology of subjectively experienced motion. The 6th Conceptual Structure in Discourse and Language Conference (CSDL), Rice University, Houston, TX.

Matlock, T. (2001, July). Fictive motion is real motion. The 7th International Cognitive Linguistics Conference. University of California, Santa Barbara.

Matlock, T. (2001, April). Looking at fictive motion. The 4th International Conference on Research & Applying Metaphor (RAAM IV). Tunis, Tunisia.

Matlock, T. (1999, July). A conceptual analysis of the polysemous verb "make": The emergence and interaction of meaning structures. The 6th International Cognitive Linguistics Conference. Stockholm, Sweden.

Matlock, T., & Modjeska, D. (1998, October). An experiential approach to getting around in virtual information spaces. The 2nd Swedish Symposium on Multimodal Communication. Cognitive Science Department. Lund University, Sweden.

Appel, R., & **Matlock**, T. (1998, April). Acquiring polysemous word meanings: The challenge for first and second language learners. The AERA Annual Meeting, San Diego.

Matlock, T., Heredia, R., & McLaughlin, B. (1996, October). Phrasal verbs and second language learners: A crosslinguistic look at lexical disambiguation. The Second Language Research Forum, Tucson, AZ.

Posters at Conferences *poster presentations not already listed under publications*

Gann, T., Abney, D., & **Matlock**, T. (2015,June). Political ideology and the language of certainty in climate communication. 2015 Conference on Communication and Environment. Boulder, Colorado.

Gann, T. M. & **Matlock**, T. (2014, December). Improving climate communication through comprehensive linguistic analyses using computational tools. 47th American Geophysical Union Fall Meeting. San Francisco, CA.

Coe, C., Winter, B., & **Matlock**, T. (2014, August). How sticks and stones metaphorically break bones in presidential elections. Embodied and Situated Language Processing Conference (ESLP). Rotterdam, Germany.

Matlock, T., Bergmann, T., Banks, C., Perlman, M., & Winter, B. (2014, July). TheTV News archive: An innovative new tool for gesture research. Sixth Conference of the International Society for Gesture Studies. San Diego, CA.

Matthews, J.L., & **Matlock**, T. (2014, July). Bridging the gap between spatial and social reasoning: A look at social distance and estimated caloric expenditure. The 36th Annual Conference of Cognitive Science Society. Quebec City, Quebec.

Matthews, J.L., & **Matlock**, T. (2014, May). Your friends stand influences how many calories you expect to burn. The 26th American Psychological Society Annual Convention. San Francisco, CA.

Coe, C., Winter, B., & **Matlock**, T. (2013, August). ARGUMENT IS WAR metaphors in current politics. Cognition and Language workshop (CLaW). Santa Barbara, CA.

Bergmann, T., & **Matlock**, T. (2013, July). Fictive motion in action: Gestures and visual representations co-occurring with fictive motion sentences in TV news. Embodied and Situated Language Processing Conference (ESLP).   Potsdam, Germany.

Winter, B., & **Matlock**, T. (2013, July). Reasoning about SIMILIARY IS PROXIMITY. Embodied and Situated Language Processing Conference (ESLP).   Potsdam, Germany.

Vinson, D.W., Abney, D.H., Dale, R., & **Matlock**, T. (2013, July). Visuospatial memory's sensitivity to language and image orientation. Embodied and Situated Language Processing Conference (ESLP).   Potsdam, Germany.

Matthews, J.L., & **Matlock**, T. (2013, May). Bridging the gap between friends: How presence biases distance estimation. The 35th American Psychological Society Convention. Washington, D.C.

Greenwood, M.D., **Matlock**, T., Spivey, M.J., & Matthews, J.L. (2012, August). Looking at how affordances change viewpoint through presence of agents and verb agency. Embodied and Situated Language Processing Conference (ESLP). Newcastle, UK.

Greenwood, M.D., **Matlock**, T., Spivey, M.J., & Matthews, J.L. (2012, April). Looking at how affordances change viewpoint through agent presence and verb agency. The 6th Annual UC Merced Research Week. Merced, CA. Best poster award.

Flores, C., **Matlock**, T., & Davila, L.P. (2012, April). Expanding nanoscience research through the adaptation of immersive environments for effective visualization and learning. Symposium XX: Transforming education in materials science and engineering. Materials Research Society, San Francisco, CA.

Greenwood, M.D., **Matlock**, T., Spivey, M.J., & Matthews, J.L. (2011, August). Looking at the social dynamics of viewpoint. The 33rd Annual Conference of Cognitive Science Society. Boston, MA.

Huang, Y., Matthews, J.L., Huette, S., **Matlock**, T., & Kallmann, M. (2011, April) Gesture modeling and parameterization for autonomous virtual trainers. The 5th Annual UC Merced Research Week, Merced, CA.

Doblack, B., Flores, C., **Matlock**, T., & Davila, L. (2010, November). The emergence of immersive low-cost 3D virtual reality environments as an interactive learning tool in materials science education. Symposium XX: Materials Education Development and Outreach – From K-Grad. Materials Research Society, Boston, MA.

Huette, S., Winter, B., **Matlock**, T., & Spivey, M. (2010, September). The time course of perceptual simulation in the comprehension of aspect. Conceptual Structure in Discourse and Language/Embodied and Situated Language Processing (joint meeting). La Jolla, CA.

Ramscar, M., **Matlock**, T., & Dye, M. (2010, September). The role of expectation in our understanding of time and motion. Conceptual Structure in Discourse and Language/Embodied and Situated Language Processing (joint meeting). La Jolla, CA.

Greenwood, M., **Matlock**, T., Spivey, M.J., & Matthews, J.L. (2010, August). How agent presence and verb agency influence perspective-taking in spatial scenes. Spatial Cognition. Mt. Hood, OR.

Greenwood, M., **Matlock**, T., Spivey, M.J.,& Matthews, J.L. (2010, April). Humanoid agents and linguistics factors in perspective-taking. The 31rd annual Central California Research Symposium. Fresno, CA.

Flores, C., **Matlock**, T., & Davila, L. (2010, April). The Effectiveness of low-cost 3D virtual reality environments on learning. The 4th annual UC Merced Research Week, Merced, CA. 2nd place undergraduate student Cognitive Science poster award

Huette, S., & **Matlock**, T., & Spivey, M.J. (2010, April). Perceptual simulation and logical negation in a simulated neural network. The 4th annual UC Merced Research Week, Merced, CA. 2nd place graduate student Cognitive Science poster award

Hunter, J., Sparks, D., Chestnut, J., Valencia, C., Yee, K.H., Huette, S., Matthews, J.L., & **Matlock**, T. (2010, April). Smashing new results on how grammar can influence accident reports. 4th annual UC Merced Research Week, Merced, CA. *1st place undergraduate Cognitive Science student poster award*

Matthews, J.L., & **Matlock**, T. (2010, April). How agent placement can influence perceived boss/co-worker agreement in a simulated work environment. The 4th annual UC Merced Research Week, Merced, CA. *1st place graduate Cognitive Science student poster award*

Flores, C., **Matlock**, T., & Davila, L. (2009, September). The effectiveness of 3D virtual reality and its impact on visual learning in nanoscience. UC Merced Center of Integrated Nanomechanical Systems (COINS) summer research program, Merced, CA.

Flores, C., **Matlock**, T., & Davila, L. (2009, August). The effectiveness of 3D virtual reality and its impact on visual leaning in nanoscience. UC Berkeley Center of Integrated Nanomechanical systems (COINS) summer research program, Berkeley, CA.

Matthews, J.L., & **Matlock**, T. (2009, March). Effects of social information on drawn route traversals. The 3rd annual UC Merced Research Week, Merced, CA. *1st place graduate student award (overall)*

Matthews, J.L., & **Matlock**, T. (2008, June). Effects of social information on distance estimation. Cognitive Animation Workshop, Yosemite, CA.

Matthews, J.L. & **Matlock**, T. (2008, April). Effects of social information on distance estimation. The 2nd annual UC Merced Research Week. Merced, CA.

Matthews, J.L. & **Matlock**, T. (2007, April). How spatial is social distance? The 28th annual Central California Research Symposium. Fresno, CA.

Matlock, T., & Maglio, P. (1998, May). Emergent structure in information space. Conceptual Structure in Discourse and Language. Atlanta, GA.

Invited Presentations
UC Merced Women We Admire Series, November, 2019
UC Berkeley Commencement Speaker, Cognitive Science graduation, May, 2019
National Parks Institute, UC Merced, April, 2019
CITRIS Harnessing the AI Revolution Symposium, UCSC Silicon Valley, November, 2018
Simulation Semantics Workshop, UC Merced, October, 2017
Center for Environmental Politics, University of Washington, October, 2017
Beyond Time Workshop, University of Colorado, Boulder, April, 2017
Dynamics of Language Workshop, UC Santa Barbara, February, 2017
Linguistics Department, University of New Mexico, October, 2016
Time and Language Conference, Linguistic Association of Finland, August, 2016
Linguistics Department, Groningen University, the Netherlands, January, 2016
Information Sciences Department, University of Colorado, Boulder, January, 2016
Cognitive Science Program, University of Arizona, November, 2015
UC Summit on Carbon and Climate Neutrality, UC San Diego, October, 2015
CogNet, Linguistics Department, UC Berkeley, April, 2015
Spatial Search Workshop, Santa Barbara, December, 2014
Linguistics Department, Stanford University, November, 2014
SNRI Directors Council Meeting, Sacramento, February, 2014
Cognitive and Information Sciences, UC Merced, November, 2013
Psychology Department, UC Santa Cruz, November, 2012
Center for Mind, Brain, and Culture, Emory University, October, 2012
Conceptual Structure in Discourse & Language, Vancouver, May, 2012
Psychological & Brain Sciences, UC Santa Barbara, March, 2012
Invited award talk, Sigma Xi Convention, Raleigh, North Carolina, November, 2011
National Parks Institute, UC Merced, April, 2011

International Computer Science Institute, UC Berkeley, April, 2011
Institute of Cognitive and Brain Studies, UC Berkeley, March, 2011
Conceptual Structure in Discourse & Language, UC San Diego, September, 2010
National Parks Institute, UC Merced, May, 2010
Linguistics Department, UC Davis, October, 2009
Linguistics Department, University of New Mexico, April, 2009
Cognitive Science Department, UC San Diego, November, 2008
Linguistics Department, California State University, Fresno, April, 2008
Linguistics Department, University of Alberta, Canada, March, 2008
Cognitive Friday seminar, Psychology Department, Stanford University, May, 2007
International Computer Science Institute, UC Berkeley, April, 2007
Cognitive Friday seminar, Psychology Department, UC Santa Cruz, September, 2006
Mind, Technology, and Society Colloquium, UC Merced, September, 2006
Cognitive Science Speaker Series, CSU Fresno, March, 2006
Cognitive Science Department, UC San Diego, October, 2005
Frontiers in Science and Engineering talk series, UC Merced, April, 2005
Linguistics Department, CSU Fresno, April, 2005
Cognitive Colloquium, Psychology Department, UC Santa Cruz, February, 2004
Symbolic Systems Forum, Stanford, November, 2003
Cognitive Friday seminar, Psychology Department, Stanford University, May, 2003
Empirical Methods in Cognitive Linguistics Workshop, Cornell, May, 2003
International Computer Science Institute, Berkeley, March, 2003
Center for Advanced Studies in Behavioral Sciences, Stanford University, May, 2002
Department of Linguistics, University of Hawaii, May, 2002
Cognitive Friday seminar, Psychology Department, Stanford University, March, 2002
International Computer Science Institute, UC Berkeley, December, 2001
Cognitive Science Department, UC San Diego, December, 2001
Cognitive Colloquium, Psychology Department, UC Santa Cruz, November, 2001

Selected Guest Lectures
Cognitive Science 1, UC Berkeley, March, 2018
SIO 209, Special Topics Seminar, Scripps Institute of Oceanography & UC San Diego, May, 2016
Cognitive Science 180, UC Merced, February, 2016
Cognitive Science 1, UC Berkeley, March, 2014
Cognitive Science Pro-seminar, UC Merced, October, 2008
Cognitive Science 105, UC Merced, October, 2008
World Culture and History Graduate Seminar, UC Merced, November, 2007
Psychology Pro-seminar, UC Merced, November, 2007
Computational Vision Graduate Seminar, UC Merced, November, 2007
World Culture and History Graduate Seminar, UC Merced, April, 2007
Introduction to Cognitive Psychology, Stanford University, July, 2006
Cognitive Science 1, UC Berkeley, July, 2005
UC Merced SSHA Roundtable, October, 2004
Linguistics 247, Stanford University, February, 2004
Psychology 196, Stanford University, October, 2003
Semantics seminar, Linguistics Department, UC Berkeley, October, 2002
Psychology 196, Stanford University, October, 2002

PROFESSIONAL SERVICE

Conference and Workshop Committees
Co-Organizer, Workshop on Metaphor in Cancer Discourse, UC Merced, 2016
Co-Organizer, 37th Annual Cognitive Science Society Meeting, Pasadena, 2015

Co-Organizer, Bilingualism workshop, UC Merced, 2014
Co-Organizer, The Dynamics of Music and Language Summer School, 2014
Co-Organizer, Future of Cognitive Science Conference, 2009
Co-Organizer, Cognitive Animation Workshop, 2008
Co-Organizer, UC Merced Cognitive Science Planning Workshop, 2005
Scientific committee, Conceptual Structure, Discourse, and Language Conference, 2004, 2013
Co-Organizer, theme session on fictive and metaphorical motion, ICLC, 2003

Reviewing Activities

Grant reviewing

NIH, Regular study section member (standing), Language and Communication, 2010-2016
NIH, NRSA Study section member (ad hoc), Fall 2009
NSF, Panel member, Perception, Action, and Cognition, Fall 2005
NSF, External reviewer, Perception, Action, and Cognition, 2006-7
NSF, External reviewer, Linguistics, 2005-6
UCOP Discovery Grants (Digital Media), Panelist, 2004-9

Journal reviewing

American Journal of Psychology, Cognition, Cognitive Linguistics, Cognitive Science, Current Anthropology, Current Directions in Psychological Science, Discourse Processes, Elementa: Science of the Anthropocene, Journal of Experimental Psychology: General, Journal of Memory & Language, Journal of Pragmatics, Language and Cognition, Language and Cognitive Processes, Memory & Cognition, Metaphor & Symbol, National Geographic, Quarterly Journal of Experimental Psychology, Phenomenology and the Cognitive Sciences, Psychological Bulletin and Review, Psychological Research, SKY Journal of Linguistics, Social Cognition

Conference and Workshop reviewing

Conceptual Structure, Discourse and Language; Cognitive Science Society Meeting; Embodied and Situated Language Processing; Hawaii International Conference on System Sciences; International Cognitive Linguistics Conference

UNIVERSITY SERVICE

University of California   *systemwide*

CITRIS Connected Communities Faculty Executive Committee, 2016-2019
University of California Climate Solutions Groups, 2015-present
Data and Democracy Coordinator for CITRIS (at UC Merced), 2014-present
University of California Provost Search Committee (Advisory), 2011-12
UC Faculty Diversity Working Group, 2010-2013
UC President's Advisory Council on Campus Climate, Culture, and Inclusion, 2010-2013
UCOP Discovery Grant Executive Committee, 2004-9

UC Merced

UCM Cognitive & Information Sciences

Chair (AP), Cognitive & Information Sciences, 2012 (Fall)
Chair (AP), Cognitive & Information Sciences, 2011-12
SSHA Executive Committee (CIS Representative), 2014-15
SSHA Executive Committee (CIS Representative), 2012 (Fall)
SSHA Executive Committee (CIS Representative), 2011-12
Advisor (Undergraduate), Cognitive Science, 2009-10

Advisor (Undergraduate), Cognitive Science, 2008-9
Co-Chair, Cognitive Science Program (Undergraduate), 2008-9
Co-Chair, Cognitive Science Program, 2006-7, 2007-8
Chair, Cognitive Science Program Planning, 2004-5, 2005-6
Coordinator (lead), Mind, Technology, & Society talk series, 2005-present
Founder, Mind, Technology and Society talk series, 2005
Founder, Cognitive Science Program, 2004-5

UCM Search Committees

Search committee for Vice Provost for Teaching and Learning, 2015
Cognitive & Information Sciences search, 2014-5
Vice Provost for the Faculty, 2013-14
Vice Provost for the Faculty, 2012-13
Cognitive & Information Sciences search, 2013-14
Cognitive & Information Sciences search, 2010-11
Cognitive & Information Sciences search, 2010-11
Dean of School of Social Sciences, Humanities, & Arts search, 2008-9
Dean of School of Social Sciences, Humanities, & Arts search, 2007-8
Cognitive Science search, 2007-8
Cognitive Science/Computer Science and Engineering search, 2007-8
Cognitive Science search, 2006-7
Cognitive Science search, 2005-6
Political Science search, 2006-7
Cognitive Science/Computer Science and Engineering search, 2005-6
Psychology search, 2004-5
Psychology search, 2004-5
UC Presidential Post-doc search (Ad hoc), 2004-5

UCM Other Service

Diversity and Equity committee, ex officio, 2018-19
Faculty Welfare and Academic Freedom comittee, ex officio, 2018-19
CITRIS Faculty Advisory Board, 2015-present
Co-Director, Center for Climate Communication, SNRI, 2016-2018
Equity Advisor to the Vice Provost, 2017-2018
Postdoctoral Advisory Committee, 2016-2018
Founder and Director, Center for Climate Communication, SNRI, 2013-2016
Committee on Committees (Academic Senate), 2012 (Fall)
Committee on Committees (Academic Senate), 2011-12
Chancellor's Advisory Council on Campus Climate, Culture, and Inclusion, 2011-2012
Chancellor's Advisory Council on Campus Climate, Culture, and Inclusion, 2010-2011
Committee on Course Evaluations (Ad hoc), 2010-11
Rules and Elections Committee (Academic Senate), 2009-10
Rules and Elections Committee (Academic Senate), 2007-8
Rules and Elections Committee (Academic Senate), 2006-7
Co-Chair, Subject Pool Committee, Social and Cognitive Sciences, 2006-8
SSHA Space Committee (Ad hoc), 2004-2008
SSHA Workload Committee (Ad hoc), 2005-6
College One Executive Board, 2005-6
College One Advisory Board, 2004-5