

TEENIE MATLOCK

McClatchy Chair in Communications & Founding Faculty of Cognitive Science
Cognitive & Information Sciences Program
School of Social Sciences, Humanities, & Arts
University of California, Merced, 5200 Lake Road, Merced, CA 95343
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ACADEMIC APPOINTMENTS

Associate Professor of Cognitive Science, UC Merced, 2009-present
Senior Researcher, International Computer Science Institute, Berkeley, 2011-present
Visiting Scholar, Information School and 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

ACADEMIC AFFILIATIONS

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

OTHER POSITIONS

Senior Researcher, International Computer Science Institute, Berkeley, CA, 2010-2015

EDITORIAL DUTIES

Associate Editor, *Cognitive Linguistics*, 2014-16
Editorial Board, *Metaphor & Symbol*, 2014-present
Editorial Board, *Environmental Communication: A Journal of Nature and Culture*, 2013-16
Editorial Board, *Cognitive Linguistics*, 2007-9
Editorial Advisory Board, Human Cognitive Processing Book Series, John Benjamins, 2010-present

GOVERNING AND ADVISORY BOARDS

Crash Coalition Advisory Board - We Save Lives, 2014-present
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, awarded 2001
Graduate studies, Linguistics, University of California, San Diego, 1985-1990
M.A., Linguistics, California State University, Fresno, awarded 1985
B.A., Liberal Studies (high honors), California State University, Fresno, awarded 1983

GRANTS AWARDED

External Funding

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*, about \$300,000 for UC Merced team, 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 Conference*, \$26,174 (total costs), PI, 2006

Internal Funding UCM and University of California

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

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

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

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

Young Investigator Award (National Award, all scientific fields, Sigma Xi), 2011
Vice Chair, American Indian Council of Mariposa County, 2010-2013
Distinguished Teaching Award (Undergraduate), UC Merced Academic Senate, 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
Award for Dissertation Research, 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

U.S. PATENT

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

PROFESSIONAL ORGANIZATIONS

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

TEACHING

Courses

COGS 5, Introduction to Language & Linguistics, UC Merced, Spring 2015, 2014, 2012, 2010, 2007
COGS 159, Metaphor and Thought, UC Merced, Fall 2016, 2015, 2013, 2012, 2009
COGS 90x, Music and the Brain, UC Merced, Fall 2011
LSA 112, Experimental Semantics, UC Berkeley, Summer 2009 (LSA Summer Institute)
COGS 1, Introduction to Cognitive Science, UC Merced, Fall 2008, 2007, 2006, 2005
COGS 180, Topics in Cognitive Science (Language & Cognition), UC Merced, Spring 2006
COGS 250, Mind, Technology, and Society, UC Merced, Fall 2014, Fall 2011, 2008, 2007, 2006
COGS 1, Introduction to Cognitive Science, UC Berkeley, Summer 2002

ADVISING & MENTORING

Graduate Students

Bodo Winter, UCM Cognitive and Information Sciences (sole advisor)
Till Bergmann, UCM Cognitive and Information Sciences (co-advisor, with Dale)
Chelsea Coe, UCM Political Science (co-advisor, with Nicholson in Political Science)
Patricia Lichtenstein, UCM Cognitive and Information Sciences (co-advisor, with Shih)
Morgan Fleming, UCM Cognitive and Information Sciences (secondary advisor; Maglio primary)
Sam Spevak, UCM Cognitive and Information Sciences (secondary advisor; Spivey primary)
David Vinson, UCM Cognitive and Information Sciences (secondary advisor; Dale primary)
Stephanie Huette, UCM Cognitive and Information Sciences (PhD 2013; secondary; Spivey primary)
Justin Matthews, UCM Cognitive and Information Sciences (PhD 2014; advisor)

Dissertation and Thesis Committees

Chelsea Gordon, UCM Cognitive and Information Sciences
Shweta Narayan, UC Berkeley Linguistics
Esther Walker, UC San Diego Cognitive Science
Corrine Occhino Kehoe, University of New Mexico Linguistics
Steve Duman, CU Boulder Linguistics (PhD 2015)
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)
Carl Ponzio, UCM Spanish Literature (MA 2013)
Michael Romano, UCM Cognitive Science (PhD 2011)

Project Scientist

Dr. Emmanuel Vincent, UCM Center for Climate Communication (2015-present)

Postdoctoral Researchers

Dr. Timothy Gann, UCM Center for Climate Communication (2013-present)
Perlman, Marcus, UCM Cognitive and Information Sciences (2012-2013)

Mentoring Research Associates *recently completed BA or BS*

A.J. Montoya, UCM Cognitive and Informative Sciences (2014-present)
Spencer Castro, UCM Cognitive and Informative Sciences (2011-2013)
J.P. Gonzales, UCM Center for Climate Communication and Sierra Nevada Research Institute (2014)
Jeremy Hunter, UCM Cognitive Science (2009)
Krysta Varner, UCM School of Social Sciences, Humanities, and Arts (2004-2006)

Mentoring Assistant Professors

Dalia Magana, UCM World Cultures (Spanish Linguistics)
Stephanie Shih, UCM Cognitive and Information Sciences
Anne Warlaumont, UCM Cognitive and Information Sciences
Carolyn Jennings, UCM Cognitive and Information Sciences and Philosophy (co-mentor)

PUBLICATIONS

Edited Volumes & 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*.

Veerabhadran, R., 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*. Published by the University of California.

Articles Peer-reviewed

Matlock, T. (accepted). Metaphor, simulation and fictive motion. *Cambridge Handbook of Cognitive Linguistics*. Cambridge University Press.

Matlock, T., Coe, C.M., Montoya, A.J., & Westerling, A.L. (accepted). Metaphor in wildfire communication. *Environmental Communication*.

Barnosky, A.D. & **Matlock**, T. (co-lead authors), with Christensen, J., Han, H., Miles, J., Rice, R.E., Westerling, A.L., & White, L. (in press). 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.

Moyes, H, Rigoli, L., Huette, S., Montello, D.R., **Matlock**, T., & Spivey, M. (in press). 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.

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.

Maglio, P.P., & **Matlock**, T. (2003). The conceptual structure of information space. In K. Höök, D. Benyon, & A.J. Munro (Eds.), *Designing information spaces: The social navigation approach* (pp. 385-403). London: Springer.

Matlock, T., Ramscar, M., & Boroditsky, L. (2003). The experiential basis of meaning. *Proceedings of the 25th Annual Conference of the Cognitive Science Society* (pp.792-797). Mahwah, NJ: Lawrence Erlbaum.

Maglio, P.P., **Matlock**, T., Gould, S.J., Koons, D., & Campbell, C.S. (2002). On understanding discourse in human-computer interaction. *Proceedings of 24th Annual Conference of the Cognitive Science Society* (pp. 602-607). Mahwah, NJ: Lawrence Erlbaum.

Matlock, T., & Heredia, R. (2002). Understanding phrasal verbs in monolinguals and bilinguals. In R.R. Heredia & J. Altarriba (Eds.), *Bilingual sentence processing* (pp. 251-274). North-Holland: Elsevier.

Gibbs, R.W., & **Matlock**, T. (2002). Looking for metaphor in all the right ways. *Teoria et historia scientiarum: An interdisciplinary journal for interdisciplinary studies*, 1, 5-25.

Barra, M., Cillo, T., De Santis, A., Ferraro-Petrillo, U, Negro, A., Scarano, V., **Matlock**, T., & Maglio, P. (2001). Personal Web Melody: Customized sonification of web servers. *Proceedings of the International Conference on Auditory Displays (ICAD 2001)* (pp.1-9).

Coulson, S., & **Matlock**, T. (2001). Metaphor and the space structuring model. *Metaphor & Symbol*, 16, 295-316.

Gibbs, R. W., & **Matlock**, T. (2001). Psycholinguistic perspectives on polysemy. In H. Cuykens, & B. Zwada (Eds.), *Polysemy in cognitive linguistics* (pp. 213-239). Amsterdam: John Benjamins.

Matlock, T., Campbell, C.S., Maglio, P.P., Zhai, S., & Smith, B.A. (2001). Designing feedback for an attentive office. *Proceedings of INTERACT 2001: Eighth IFIP Conference On Human-Computer Interaction* (pp. 721-722). Amsterdam, The Netherlands: IOS Press.

Matlock, T., & Gibbs, R.W. (2001). Conceptual knowledge and polysemy. Psycholinguistic studies on the meanings of “make”. *Communication and Cognition*, 34, 234-256.

Maglio, P. P., **Matlock**, T., Campbell, C. S., Zhai, S., & Smith, B. A. (2000). Gaze and speech in attentive user interfaces. *Proceedings of the Third International Conference on Multimodal Interfaces ICMI* (pp. 1-7). Berlin: Springer-Verlag.

Gibbs, R.W., & **Matlock**, T. (1999). Psycholinguistics and mental representations. *Cognitive Linguistics*, 10, 263-269.

Maglio, P. P., & **Matlock**, T. (1999). The conceptual structure of information space. In A. Munro, K. Höök, & D. Benyon (Eds.), *Social navigation of information space* (pp. 155-173). Berlin: Springer-Verlag.

Maglio, P. P., **Matlock**, T., Raphaely, D., Chernicky, B., & Kirsh, D. (1999). Interactive skill in Scrabble. *Proceedings of 21st Annual Conference of the Cognitive Science Society* (pp. 326-330). Mahwah, NJ: Lawrence Erlbaum.

Maglio, P. P., & **Matlock**, T. (1998). Metaphors we surf the web by. *Proceedings of Workshop on Personalized and Social Navigation in Information Space* (pp.1-9). Swedish Institute of Computer Science. Stockholm, Sweden.

Matlock, T. (1998). What is missing in research on idioms. *American Journal of Psychology*, 11, 4-10. Book review.

Matlock, T. (1989). Metaphor and the grammaticalization of evidentials. *Proceedings of the 15th Annual Meeting of the Berkeley Linguistics Society* (pp.215-225).

Matlock, T. (1988). The semantic extensions of ‘see’. *Proceedings of the 18th West Coast Conference on Linguistics* (pp. 185-195).

Articles in Preparation

Huette, S., & **Matlock**, T. (accepted with revisions). Dynamics of modal verb comprehension reveal differences between verbs *should* and *must*.

Abney, D.H., Gann, T.M., Huette, S., & **Matlock**, T. (under review). The language of uncertainty and political ideology in climate change.

Gann, T., & **Matlock**, T. (under review). Data mining for a deeper semantics of climate change and global warming.

Vinson, D.W., Engelen, J., Zwaan, R., Dale, R., & **Matlock**, T. (under review). Implied motion language can influence visual spatial memory.

Winter, B., & **Matlock**, T. (under review). Metaphor in a complex web of language, culture and the body.

Anderson, S., **Matlock**, T., & Spivey, M.J. (in preparation). On the path to understanding verbal aspect.

Coe, C., Bergmann, T., & **Matlock**, T. (in preparation). How sticks and stones metaphorically break bones: Violence frames in presidential debates.

Ramanathan, V., Hahrie, H., & **Matlock**, T. (in preparation). Educating children to bend the curve for a stable climate for ecological preservation. *Children and Sustainable Development: A Challenge for Education*, book to be published by the Pontifical Academy of Sciences.

Published Abstracts *posters unless specified otherwise*

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 crosslinguistic 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.

Greenwood, M., & **Matlock**, T. (2009). That's how it goes with fictive motion. *Proceedings of the 31st annual meeting of the Cognitive Science Society* (p. 3197). Amsterdam, The Netherlands.

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).

Matlock, T., & Richardson, D.C. (2006). The dynamics of fictive motion. *Eighth Conference on Conceptual Structure in Discourse and Language*.

Matlock, T., Ramscar, M., & Srinivasan, M. (2005). Even the most abstract motion influences temporal understanding. *Proceedings of the 27th Annual Conference of the Cognitive Science Society* (p.2527). Mahwah, NJ: Lawrence Erlbaum.

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*

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.

Matlock, T. (2016, May). Aspectual Framing. Linguistics Cues and Social Behavior Symposium. *International Meeting of the Psychonomics Society*. Granada, Spain.

Bergmann, T., & **Matlock**, T. (2015, August). 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, August). 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, August). "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.

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.

Doback, 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 31st 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 nanosciene. 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

Time and Language Conference, Linguistic Association of Finland, Turku, Finland, August, 2016

Linguistics Department, Groningen University, the Netherlands, January, 2016

Information Sciences Department, Boulder, University of Colorado, 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 180 course, UC Merced, February, 2016
Cognitive Science 1 course, 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, 37th Annual Cognitive Science Society Meeting, to be held 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 (LCOM), 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, 2008-9, 2007-8, 2006-7, 2005-6, 2004-5

Journal reviewing

American Journal of Psychology, Cognition, Cognitive Linguistics, Cognitive Science, Current Anthropology, Current Directions in Psychological Science, Discourse Processes, 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*

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, Fall 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

Founder and Director, Center for Climate Communication, SNRI, 2013-present
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