

## Contact Information

Rick Dale, Associate Professor  
Cognitive and Information Sciences  
University of California, Merced  
School of Social Sciences, Humanities and Arts  
5200 North Lake Rd.  
Merced, CA 95343  
email: [rdale@ucmerced.edu](mailto:rdale@ucmerced.edu)  
website: <http://www.cognaction.org/rick>

## Education

2001-2006  
Ph.D. Cornell University, Psychology

2000-2001  
Southern Illinois University Carbondale, Brain and Cognitive Sciences (Ph.D. program)

1996-2000  
B.A. University of Toronto, Linguistics

## Research Interests

Coordination and interaction in learning and communication; cognition and action relationship; language learning and processing; dynamical and connectionist models of learning and processing; network analysis; philosophy of cognitive science

## Employment

2011-present  
Associate Professor  
Cognitive and Information Sciences  
University of California, Merced

Fall, 2011  
Associate Professor (on leave)  
Department of Psychology  
The University of Memphis

2006 - 2011  
Assistant Professor  
Department of Psychology  
The University of Memphis

## Grant Support

Uncovering the hidden cognitive processes and underlying dynamics of deception. National Science Foundation Postdoctoral Fellowship, approximately \$120,000, 2011-2013 (sponsor for postdoctoral fellow Dr. Nicholas Duran).

Vocal exploration and interaction in the emergence of speech. National Institutes of Health (NIDCD), approximately \$3 million, 2011-2016 (Co-PI; PI: D. Kimbrough Oller, Department of Communication Sciences and Disorders)

Dynamics of interpersonal coordination and embodied communication. National Science Foundation: Perception, Action, and Cognition, \$50,277, 2009-2012 (PI; collaborative proposal with the University of Cincinnati, total costs approx. \$470,000).

Conditions guiding coordinative and adaptive dynamics in human communication. National Science Foundation: Human and Social Dynamics, \$673,079, 2008-2011 (PI).

Action dynamics as an index of learning and generalization. National Science Foundation: Perception, Action, and Cognition, \$205,973, 2007-2011 (PI; collaborative proposal with Cornell University, total costs approx. \$350,000).

## Edited Special Issues

Dale, R. (Ed.) (2008). Pluralism and the future of cognitive science. Special issue of the *Journal of Experimental and Theoretical Artificial Intelligence*, 20. (contributors: John Anderson, Sarah Anderson, Rick Dale, Eric Dietrich, Shimon Edelman, Dave Jilk, Art Markman, Christian Lebiere, Randy O'Reilly, Michael Spivey, Guy Van Orden)

## Journal Publications and Reviews

Dale, R. (accepted). Integrating and extending the distributed approach in cognitive science. *Interaction Studies*. (invited commentary on special issue on the evolution of language as social co-ordination)

Dale, R., Duran, N. D., & Morehead, J. R. (in press). Prediction during statistical learning, and implications for the implicit/explicit divide. *Advances in Cognitive Psychology*. (special issue on implicit learning)

- Dale, R., & Lupyan, G. (in press). Understanding the origins of morphological diversity: the linguistic niche hypothesis. *Advances in Complex Systems* (special issue on language dynamics)
- D'Mello, S. K., Dale, R., & Graesser, A. C. (in press). Disequilibrium in the mind, disharmony in the body. *Cognition and Emotion*. doi: 10.1080 / 02699931.2011 . 575767
- Tollefsen, D., & Dale, R. (in press). Naturalizing joint action: a process-based approach. *Philosophical Psychology*. doi: 10.1080 / 09515089.2011 . 579418
- Roche, J. M., Dale, R., & Caucci, G. (in press). Doubling up on double meanings: pragmatic alignment. *Language and Cognitive Processes*. doi: 10.1080 / 01690965.2010 . 509929
- Dale, R., Kirkham, N. Z., & Richardson, D. C. (2011). The dynamics of reference and shared visual attention. *Frontiers in Psychology*, 2, 355. doi: 10.3389 / fpsyg.2011.00355 .
- Fonville, J. B., & Dale, R. (2011). Learning where it counts: an ecological argument for online education. *International Journal of Learning Technology*, 6, 251-262.
- Duran, N. D., Dale, R., & Kreuz, R. J. (2011). Listeners invest in an assumed other's perspective despite cognitive cost. *Cognition*, 121, 22-40. doi: 10.1016 / j.cognition.2011.06 . 009
- Dale, R., & Duran, N. D. (2011). The cognitive dynamics of negated sentence verification. *Cognitive Science*, 35, 983-996. doi: 10.1111 / j.1551 - 6709.2010.01164 . x
- Dale, R., Warlaumont, A. S., & Richardson, D. C. (2011). Nominal cross recurrence as a generalized lag sequential analysis for behavioral streams. *International Journal of Bifurcation and Chaos*, 21, 1153-1161. doi: 10.1142/S0218127411028970 (special issue on recurrence)
- Freeman, J. B., Dale, R., & Farmer, T. A. (2011). Hand in motion reveals mind in motion. *Frontiers in Psychology*, 2, 59. doi: 10.3389 / fpsyg.2011 . 00059
- Duran, N. D., Dale, R., & McNamara, D. (2010). The action dynamics of overcoming the truth. *Psychonomic Bulletin & Review*, 17, 486-491. doi: 10.3758 / PBR.17.4 . 486
- Dale, R. (2010). Critique of *Radical Embodied Cognitive Science*. *Journal of Mind and Behavior*, 31, 127-140. (invited article)
- Warlaumont, A. S., Oller, K., Buder, E., Dale, R., & Kozma, R. (2010). Data-driven automated acoustic analysis of human infant vocalizations using a neural network tool. *The Journal of the Acoustical Society of America*, 127, 2563-2577. doi: 10.1121 / 1 . 3327460

Lupyan, G., & Dale, R. (2010). Language structure is partly determined by social structure. *PLoS ONE*, *5*, e8559. doi: 10.1371 / journal.pone . 0008559

Spivey, M. J., Dale, R., Knoblich, G., Grosjean, M. (2010). Do curved reaching movements emerge from competing perceptions? A reply to van der Wel et al. (2009). *Journal of Experimental Psychology: Human Perception and Performance*, *36*, 251-254. doi: 10 . 1037 / a0017170

Wojnowicz, M. T., Ferguson, M. J., Dale, R., & Spivey, M. J. (2009). The self-organization of explicit attitudes. *Psychological Science*, *20*, 1428-1435. doi: 10.1111 / j.1467 - 9280.2009.02448 . x

Richardson, D. C., Dale, R., & Tomlinson, J. M. (2009). Conversation, gaze coordination, and beliefs about visual context. *Cognitive Science*, *33*, 1468-1482. doi: 10.1111 / j.1551 - 6709.2009.01057 . x

Dale, R., Dietrich, E., & Chemero, A. (2009). Explanatory pluralism in cognitive science. *Cognitive Science*, *33*, 739-742. doi: 10.1111 / j.1551 - 6709.2009.01042 . x

Shockley, K., Richardson, D. C. & Dale, R. (2009). Conversation and coordinative structures. *Topics in Cognitive Science*, *1*, 305-319. doi: 10.1111 / j.1756 - 8765.2009.01021 . x

Spivey, M.J., Anderson, S., & Dale, R. (2009). The phase transition in human cognition. *Journal of New Mathematics and Natural Computing*, *5*, 197-220. doi: 10 . 1142 / S1793005709001234

Dale, R., Roche, J. M., & Duran, N. (2008). Language is complex. *International Journal of Psychology and Psychological Therapy*, *8*, 351-362. (invited article in special issue)

Dale, R. (2008). The possibility of a pluralist cognitive science. *Journal of Experimental and Theoretical Artificial Intelligence*, *20*, 155-179. doi: 10 . 1080 / 09528130802319078

Dale, R. (2008). Sloughing ontology: Reply to commentaries. *Journal of Experimental and Theoretical Artificial Intelligence*, *20*, 251-256. doi: 10 . 1080 / 09528130802319292

Dale, R., Roche, J. M., Snyder, K., & McCall, R. (2008). Exploring action dynamics as an index of paired-associate learning. *PLoS ONE*, *3*, e1728. doi: 10.1371 / journal.pone . 0001728

McKinstry, C., Dale, R., & Spivey, M. J. (2008). Action dynamics reveal parallel competition in decision making. *Psychological Science*, *19*, 22-24. doi: 10.1111 / j.1467 - 9280.2008.02041 . x

Warlaumont, A. S. & Dale, R. (2007). The missing chapter: The interaction between

behavioral and symbolic inheritance. *Behavioral and Brain Sciences*, *30*, 377-378. doi: 10 . 1017 / S0140525X0700235X

Farmer, T., Cargill, S., Hindy, N., Dale, R., & Spivey, M .J. (2007). Tracking the continuity of language comprehension: Computer-mouse trajectories suggest parallel syntactic processing. *Cognitive Science*, *31*, 889-909. doi: 10 . 1080 / 03640210701530797

Balcetis, E. & Dale, R. (2007). There is no naked eye: Higher-order concepts clothe visual perception. *Perception*, *36*, 581-595. doi: 10 . 1068 / p5678

Richardson, D.C., Dale, R., & Kirkham, N. (2007). The art of conversation is coordination: common ground and the coupling of eye movements during dialogue. *Psychological Science*, *18*, 407-413. doi: 10.1111 / j.1467 - 9280.2007.01914 . x

Dale, R., Kehoe, C.E. & Spivey, M.J. (2007). Graded motor responses in the time course of categorizing atypical exemplars. *Memory & Cognition*, *35*, 15-28. doi: 10 . 3758 / BF03195938

Spivey, M.J. & Dale, R. (2006). Continuous temporal dynamics in real-time cognition. *Current Directions in Psychological Science*, *15*, 207-211. doi: 10.1111 / j.1467 - 8721.2006.00437 . x

Dale, R. & Spivey, M.J. (2006). Unraveling the dyad: Using recurrence analysis to explore patterns of syntactic coordination between children and caregivers in conversation. *Language Learning*, *56*, 391-430. doi: 10.1111 / j.1467 - 9922.2006.00372 . x

Dale, R. & Spivey, M.J. (2005). From apples and oranges to symbolic dynamics: A framework for conciliating notions of cognitive representation. *Journal of Experimental and Theoretical Artificial Intelligence*, *26*, 317-342. doi: 10 . 1080 / 09528130500283766

Richardson, D. C. & Dale, R. (2005). Looking to understand: The coupling between speakers' and listeners' eye movements and its relationship to discourse comprehension. *Cognitive Science*, *29*, 39-54. doi: 10 . 1207 / s15516709cog0000\_29

Dale, R. (2004). Cognitive and behavioral approaches to language acquisition: Conceptual and empirical intersections. *Behavior Analyst Today*, *5*, 336-359.

Dale, R., Richardson, D.C. & Owren, M.J. (2003). Pumping for gestural origins: The well may be rather dry. *Behavioral and Brain Sciences*, *26*, 218-219. doi: 10 . 1017 / S0140525X03330067

Dale, R. & Christiansen, M.H. (2003). Review of Gary F. Marcus' "The Algebraic Mind." *European Journal of Cognitive Psychology*, *15*, 478-480.

Dale, R. & Spivey, M.J. (2002). A linguistic module to integrate the senses, or a house of cards? *Behavioral and Brain Sciences*, *25*, 681-682. doi: 10 . 1017 / S0140525X02300128

Dale, R. (2002). A Pathway to Developmental Psycholinguistics: Review of “Pathways to Language” by K. Karmiloff and A. Karmiloff-Smith. *Cognitive Science Society Newsletter*, December.

## Refereed Conference Proceedings

Dale, R., Richardson, D. C., & Kirkham, N. K. (2011). How two people become a tangram recognition system. Proceedings of DUET (Dual Eye-Tracking Workshop), European Conference on Computer-Supported Cooperative Work (ECSCW), 2011.

Riordan, M., Kreuz, R. J., & Dale, R. (2011). Evidence for alignment in computer-mediated text-only environment. In L. Carlson, C. Hlscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Duran, N. D., & Dale, R. (2011). Spatial cognition adapts to social identity. In L. Carlson, C. Hlscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Benesh, N., Fonville, J. B., & Dale, R. (2011). Partial representations of scenes in change blindness: In the eyes and in the hands. In L. Carlson, C. Hlscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Richardson, D. C., Dale, R., Rogers, J., & Ireland, J. (2011). How do 100 people walk a tightrope together? An experiment in large scale joint action. In L. Carlson, C. Hlscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Roche, J. M., Dale, R., & Kreuz, R. J. (2010). The avoidance of ambiguity during conversation: More than mere priming or mimicry? In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Meeting of the Cognitive Science Society* (pp. 206-211). Austin, TX: Cognitive Science Society.

Warlaumont, A. S., Oller, D. K., Dale, R., Richards, J. A., Gilkerson, J., & Dongxin, X. (2010). Vocal interaction dynamics of children with and without autism. In S. Ohlsson & R. Catrambone (Eds.), *Proceedings of the 32nd Annual Meeting of the Cognitive Science Society* (pp. 121-126). Austin, TX: Cognitive Science Society.

Dale, R. & Lupyan, G. (2010). Squiggle: large-scale social emergence of simple symbols. In K. Smith, A. Smith, M. Schouwstra, & B. de Boer (Eds.), *Proceedings of the 8th Evolution of Language Conference* (pp. 391-392). London: World Scientific.

Roche, J. M., Dale, R., & Caucci, G. (2009). Pragmatic alignment: The coordination

of ironic statements in pseudo-interaction. In N. Taatgen & H. van Rijn (Eds.), *Proceedings of the 31st Annual Meeting of the Cognitive Science Society* (pp. 2335-2341). Austin, TX: Cognitive Science Society.

Snyder-Tapp, K. & Dale, R. (2009). Dynamic competition and the cognitive bottleneck. In N. Taatgen & H. van Rijn (Eds.), *Proceedings of the 31st Annual Meeting of the Cognitive Science Society* (pp. 3052-3057). Austin, TX: Cognitive Science Society.

Duran, N. D. & Dale, R. (2009). Predictive arm placement in the statistical learning of position sequences. In N. Taatgen & H. van Rijn (Eds.), *Proceedings of the 31st Annual Meeting of the Cognitive Science Society* (pp. 893-898). Austin, TX: Cognitive Science Society.

Jeuniaux, P., Dale, R., & Louwerse, M. M. (2009). The role of feedback in learning form-meaning mappings. In N. Taatgen & H. van Rijn (Eds.), *Proceedings of the 31st Annual Meeting of the Cognitive Science Society* (pp. 1488-1493). Austin, TX: Cognitive Science Society.

Richardson, D. C., Dale, R., Tomlinson, J., & Clark, H. (2008). What eye believe that you can see: Conversation, gaze coordination and visual common ground. Presented at the 2008 *Workshop on the Semantics and Pragmatics of Dialogue* (LONDIAL2008).

Lupyan, G. & Dale, R. (2008). Form-meaning compositionality derives from social and conceptual diversity. In A. Smith, K. Smith, & R. F. Cancho (Eds.), *Proceedings of the 7th Evolution of Language Conference* (pp. 464-465). London: World Scientific.

Dale, R. (2007). The relationship between decision and action: Simulating response dynamics in categorization. In *Proceedings of the 29th Annual Meeting of the Cognitive Science Society* (pp. 911-916). New York, NY: Lawrence Erlbaum.

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? In *Proceedings of the 28th Annual Meeting of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum.

Farmer, T., Cargill, S., Hindy, N., Dale, R., & Spivey, M.J. (2006). Streaming x,y coordinates imply continuous interaction during on-line sentence processing. In *Proceedings of the 28th Annual Meeting of the Cognitive Science Society* (pp. 208-213). Mahwah, NJ: Lawrence Erlbaum.

Dale, R., Hindy, N., & Spivey, M.J. (2006). Feature-semantic gradients in lexical categorization revealed by graded manual responses. In *Proceedings of the 28th Annual Meeting of the Cognitive Science Society* (pp. 1162-1167). Mahwah, NJ: Lawrence Erlbaum.

Richardson, D.C. & Dale, R. (2006). Grounding dialogue: eye movements reveal the

coordination of attention during conversation and the effects of common ground. In *Proceedings of the 28th Annual Meeting of the Cognitive Science Society* (pp. 691-696). Mahwah, NJ: Lawrence Erlbaum.

Reali, F., Dale, R., & Christiansen, M.H. (2005). Colorless green ideas sleep furiously revisited: A statistical perspective. In *Proceedings of the 27th Annual Meeting of the Cognitive Science Society* (pp. 1821-1826). Mahwah, NJ: Lawrence Erlbaum.

Balcetis, E. & Dale, R. (2005). An exploration of social modulation of syntactic priming. In *Proceedings of the 27th Annual Meeting of the Cognitive Science Society* (pp. 184-189). Mahwah, NJ: Lawrence Erlbaum.

Dale, R. & Spivey, M.J. (2005). Categorical recurrence analysis of child language. In *Proceedings of the 27th Annual Meeting of the Cognitive Science Society* (pp. 530-535). Mahwah, NJ: Lawrence Erlbaum.

Dale, R. & Christiansen, M.H. (2004). Active and passive statistical learning: Exploring the role of feedback in artificial grammar learning and language. In *Proceedings of the 26th Annual Meeting of the Cognitive Science Society* (pp. 262-267). Mahwah, NJ: Lawrence Erlbaum.

Richardson, D.C. & Dale, R. (2004). Looking to understand: The coupling between speakers' and listeners' eye movements and its relationship to discourse comprehension. In *Proceedings of the 26th Annual Meeting of the Cognitive Science Society* (pp. 1143-1148). Mahwah, NJ: Lawrence Erlbaum.

Balcetis, E. & Dale, R. (2003). There is no naked eye: How higher-order social concepts clothe visual perception. In *Proceedings of the 25th Annual Meeting of the Cognitive Science Society* (pp. 109-114). Mahwah, NJ: Lawrence Erlbaum.

Christiansen, M.H. & Dale, R.A.C. (2001). Integrating distributional, prosodic and phonological information in a connectionist model of language acquisition. In *Proceedings of the 23rd Annual Meeting of the Cognitive Science Society* (pp. 220-225). Mahwah, NJ: Lawrence Erlbaum.

## Book Chapters

Richardson, M. J., Dale, R., & Marsh, K. L. (forthcoming). Dynamic systems in social-personality psychology. In H. T. Reis & C. M. Judd (Eds.), *Handbook of Research Methods in Social and Personality Psychology*.

Spivey, M. J. & Dale, R. (2011). Eye movements both reveal and influence problem solving. In I. Gilchrist, S. Everling, & S. P. Liversedge (Eds.), *Handbook on Eye Movements*. Oxford University Press.

Dale, R., Duran, N. D., & Roche, J. M. (2011). Dynamics of action during language processing. In R. K. Mishra, & N. Srinivasan (Eds.), *Language-Cognition Interface: State of the Art* (pp. 114-135). Muenchen: LINCOM Europa.

Christiansen, M.H., Dale, R. & Reali, F. (2010). Connectionist explorations of multiple-cue integration in syntax acquisition. In S.P. Johnson (Ed.), *Neoconstructivism: The new science of cognitive development* (pp. 87-108). New York: Oxford University Press.

Spivey, M., Richardson, D.C., & Dale, R. (2009). Movements of eye and hand in language and cognition. In E. Morsella J. Bargh, & P. M. Gollwitzer (Eds.), *The Psychology of Action*, Vol. 2 (pp. 225-249). New York: Oxford University Press.

Richardson, D, Dale, R. & Shockley, K. (2008) Synchrony and swing in conversation: coordination, temporal dynamics and communication. In I. Wachsmuth, M. Lenzen & G. Knoblich (Eds.), *Embodied Communication* (pp. 75-93). Oxford University Press.

Richardson, D.C., Dale, R. & Spivey, M.J. (2007). Eye movements in language and cognition. Empirical Methods in Cognitive Linguistics. In M. Gonzalez-Marquez, I. Mittelberg, S. Coulson, & M. J. Spivey, *Empirical Methods in Cognitive Linguistics* (pp. 323-344). Amsterdam/Philadelphia: John Benjamins.

Spivey, M.J. & Dale, R. (2004). The continuity of mind: Toward a dynamical account of cognition. In B. Ross (Ed.), *Psychology of Learning and Motivation* v.45 (pp. 85-142). Elsevier Academic Press.

Christiansen, M.H. & Dale, R. (2004). The role of learning and development in language evolution: A connectionist perspective. In K. Oller & D.U. Griebel (Eds.), *The evolution of communication systems: A comparative approach* (pp. 90-109). Cambridge, MA: MIT Press.

Christiansen, M.H. & Dale, R.A.C. (2003). Language evolution and change. In M.A. Arbib (Ed.), *Handbook of brain theory and neural networks* (2nd ed., pp. 604-606). Cambridge, MA: MIT Press.

Christiansen, M.H., Dale, R.A.C, Ellefson, M.R., & Conway, C.M. (2001). The role of sequential learning in language evolution: Computational and experimental studies. In A. Cangelosi & D. Parisi (Eds.) *Simulating the evolution of language* (pp. 165-187). London: Springer-Verlag.

## Symposia

Freeman, J. B., Dale, R., & Spivey, M. J. (2011). Doing cognitive science by hand: A tutorial on computer mouse-tracking. *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society. (workshop)*

Hasselmann, F. (organizer), Dale, R., Holden, J., & Chemero, A. (2011). Being where? Putting cognition, science and realism together again. *Proceedings of the 33rd Annual Meeting of the Cognitive Science Society*.

Duran, N. D., D'Mello, S., & Dale, R. (2010, May). Cognition and AI: Capturing Cognitive Plausibility and Informing Psychological Processes. Special Track for the 23rd meeting of the Florida Artificial Intelligence Research Society (FLAIRS23).

Dale, R., Hasselmann, F., & Cox, R. (2009, July). Insight into cognition from action dynamics. International Conference for Perception and Action, Minneapolis, MN.

Dale, R. (2006, June). Coupled communicators: Dynamical approaches to studying coordinated behavior in naturalistic language usage. International Society for Ecological Psychology, Cincinnati, OH.

## Invited Talks

Symbols in time: Sequence alignment methods inspired by nonlinear dynamical systems. MindLAB Seminar, Aarhus University, December 8, 2011.

Syncing and adapting: Human multimodal interaction. Interacting Minds Meeting, Aarhus University, December 7, 2011.

Multi-dimensional coupling between persons during linguistic interaction, with some eye movements. EPFL-CRAFT Advances in Eye-Movement Research Workshop, November 4, 2011.

Syncing and adapting: The network structure of human communication. Cognitive Science Colloquium, Indiana University, September 18, 2011.

The cognitive science and companions in zealous conversation. Sigma Xi Symposium, University of California Merced, April 21, 2011.

The nonlinear dynamics of social perspective-taking. Mind, Technology, and Society Talk Series, University of California Merced, April 18, 2011.

Overcoming ourselves: adapting to interaction partners in language production and comprehension. Brown Bag Presentation, Department of Psychology, University of Wisconsin Madison, April 14, 2011.

Theory and application of recurrence and cross recurrence quantification for analysis of language. Contemporary Nonlinear Methods in Havana, Ctedra de Complejidad, October 20, 2010.

Applications of recurrence quantification analysis in language learning and usage. Amer-

ican Psychological Association, Advanced Training Institute on Nonlinear Methods, University of Cincinnati, June 23, 2010.

”Not”s in your mind: Negation creates shifts in cognitive dynamics. NUI Galway, School of Psychology Seminar, January 29, 2010.

How we become a tangram recognition device. Northwestern University Language & Cognition Colloquium, November 9, 2009.

Applications of recurrence quantification analysis in language learning and usage. American Psychological Association, Advanced Training Institute on Nonlinear Methods, University of Cincinnati, June 10, 2009.

Cognition as layering of coordinative structures. Future of Cognitive Science Workshop, University of California, Merced, May 28, 2009.

Embracing the joints in cognitive dynamics. Cognitive Science Colloquium, University of Kentucky, April 23, 2009.

Cognitive dynamics revealed through action dynamics. Cognitive Science Seminar, Department of Psychology, Tufts University, March 13, 2009.

Measuring psycholinguistic synchrony. School of Psychology Seminar, National University of Ireland, Galway, November 14, 2008.

Wii remote as a psychological tool. Public Presentation, National University of Ireland, Galway, November 12, 2008.

MATLAB for trajectory analysis. Workshop presented at the School of Psychology, National University of Ireland, Galway, November 12, 2008.

Cognitive dynamics revealed through action dynamics. Psychology Colloquium, Washington University, St. Louis, October 22, 2008.

Applications of recurrence quantification analysis in language learning and usage. American Psychological Association, Advanced Training Institute on Nonlinear Methods, University of Cincinnati, June 11, 2008.

Psycholinguistic synchrony. Invited presentation at Cornell’s Anniversary of the Cognitive Science Program. May 2, 2008.

Dynamic cognition-action covariation. Psychology Colloquium, Southern Illinois University, April 30, 2008.

Day-long Workshop on cross-recurrence analysis for language and conversation. Radboud University, Nijmegen, Netherlands, January 10-11, 2008.

Conversational dynamics in adults and children. Invited address at the American Psychological Association Convention (Divisions 25, 3), San Francisco, August 20, 2007.

Dynamical high-level cognition. The Cayuga Retreat on Behavioral and Cognitive Dynamical Systems, Ithaca, NY, August 6, 2007.

Applications of recurrence quantification analysis in language learning and usage. American Psychological Association, Advanced Training Institute on Nonlinear Methods, University of Cincinnati, June 13, 2007.

Tracking continuous cognition through the dynamics of action. Perceptual-Motor Dynamics Laboratory Colloquium, University of Cincinnati, February 2, 2007.

A tool for exploring behavioral coordination in communication, some results, and some theoretical reflections. Symposium talk at the 5th International Conference on Learning and Development, Bloomington, IN, June 1, 2006.

The evolving intersection between cognitive and behavioral approaches to language acquisition. Shriver Center Colloquium, Waltham, MA, March 3, 2006.

”Mother I’d rather do it together”: Exploring syntactic coordination between child and caregiver in language acquisition. Frisem presentation, Stanford, January 28, 2004.

## Technical Reports

Dale, R. (2007). Random sentences from a generalized phrase-structure grammar interpreter. arXiv: cs.CL/0702081.

## Press

Babelicious!, *The Economist*, January 15, 2010.

A absolvicao do videogame, *Correio Braziliense*, November 16, 2009.

Research featured on TG4 Nightly News, Irish Television, November 11, 2008.

Research featured on Galway FM, Ireland, November 12, 2008.

Nintendo Wiimote, Now a Tool for Psychological Studies. Yahoo! India, March 5, 2008.

Los Psicologos Tambien Usan la Wii. *Muy Interesante*, March 4, 2008.

Why Negative Campaigns Sometimes Win. *ABCnews.com*, February 6, 2008.

Stephen Colbert’s ’Truthiness’ Scientifically Validated. *Scientific Blogging*, January 24, 2008.

Pas Des Yeux. *Science Magazine*, Editor’s Choice Column, May 11, 2007.

## Conference Presentations

Paxton, A. & Dale, R. (2011, November). Alignment and argument. Poster presented at the 52nd Annual Meeting of the Psychonomic Society.

Paxton, A., & Dale, R. (2011, November). Multimodal synchrony: Tracking body and voice in an affordable behavioral recording setup. Poster presented at the 41st annual meeting of the Society for Computers in Psychology.

Reich, C. M., Berman, J. S., Dale, R., Levitt, H. M., & Matthews, S. S. (2011, September). Is it useful to analyze language in psychotherapy at the level of words? Poster presented at the North American Society for Psychotherapy Research, Banff, Alberta, Canada.

Duran, N. D., & Dale, R. (2011, July). Creating illusory social connectivity in Amazon Mechanical Turk. Talk presented at workshop Crowdsourcing Technologies for Language and Cognition Studies, 2011 Linguistic Society of America Summer Institute, Boulder, CO.

Jupson, R., & Dale, R. (2011, July). Simultaneous prediction and reaction in sequence learning. Poster presented at the 33rd Annual Meeting of the Cognitive Science Society, Boston, MA.

Richardson, D. C., Dale, R., Rogers, J., & Ireland, J. (2011, July). How do 100 people walk a tightrope together? An experiment in large scale joint action. Talk presented at the 4th Joint Action Meeting, Vienna, Austria.

Dale, R., & O'Hora, D. (2011, May). Exploring mechanics of the animate, Part 2: A dynamical model of simple discriminations. Talk presented at the 37th Annual ABAI Convention, Denver, CO.

O'Hora, D., & Dale, R. (2011, May). Exploring mechanics of the animate, Part 1: The action dynamics of simple discriminations. Talk presented at the 37th Annual ABAI Convention, Denver, CO.

Dale, R. (2011, May). Coordination dynamics. Talk presented at EuroCogSci 2011, Sofia, Bulgaria.

Riordan, M. A., Kreuz, R. J., & Dale, R. (2010, November). Socially facilitated alignment and novelty in an interactive micro-task with online crowdsourcing. Poster presented at the 40th annual meeting of the Society for Computers in Psychology, St. Louis, MO.

Roche, J. M., Mills, C. S., Booker, E., & Dale, R. (2010, November). Who I am, what I say, and how I say it: The effects of talker variability on affective language. Talk presented at the 9th Annual Auditory Perception, Cognition, and Action Meeting, St. Louis, MO.

Duran, N. D., Dale, R., & Kreuz, R. J. (2010, November). Nonlinear dynamics of perspective taking. Talk presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.

Riordan, M. A., Kreuz, R. J., & Dale, R. (2010, November). Interactive alignment in simulated online computer-mediated communication. Poster presented at the 51st annual meeting of the Psychonomic Society in Saint Louis.

Roche, J. M., Dale, R., & Kreuz, R. J. (2010, November). Don't rush the navigator: Disambiguation strategies require cognitive flexibility. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.

Tollefsen, D. P. & Dale, R. (2010, October). Alignment and collective recall. Memory Day 2010, Macquarie University, Australia.

Bard, E. G., Dale, R., Louwrese, M. M., & Jeuniaux, P. (2010, September). In sync: temporal alignment in communicative and other behavior. Talk presented at Architectures and Mechanisms for Language Processing (AMLaP), York, UK.

Bard, E., Louwrese, M. M., Dale, R., & Jeuniaux, P. (2010, September). Alignment all around? Synchronization and imitation in dialogue. Poster presented at the 6th International Workshop on Language Production, Edinburgh, UK.

Roche, J. M., Riordan, M. A., Duran, N. D., Kreuz, R. J., & Dale, R. (2010, September). Conditions guiding coordinative and adaptive dynamics in human interaction. Paper presented at the Human and Social Dynamics Grantees Conference, Arlington, VA.

Roche, J. M. & Dale, R. (2010, August). 'That's what she said': The effect of emotional prosody on the interpretation of intent during sentence processing. Poster presented at the 32nd Annual Meeting of the Cognitive Science Society, Portland, OR.

Riordan, M., Dale, R., & Kreuz, R. J. (2010, August). Socially facilitated alignment and novelty in separate channels of communication. Poster presented at the 32nd Annual Meeting of the Cognitive Science Society, Portland, OR.

Warlaumont, A. S., Oller, D. K., Dale, R., Gilkerson, J., Richards, J. A., & Xu, D. (2010, August). Leader-follower dynamics of adult-child vocal interaction in autism spectrum disorder. Poster presented at the International Meeting for Autism Research, Philadelphia, PA.

Roche, J. M., Caucci, G., Dale, R., & Kreuz, R. J. (2009, November). Conversational puppetry: Priming via pseudo-confederate. Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.

Dale, R. & Duran, N. (2009, November). Embracing the joints in cognitive dynam-

ics. Talk presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.

Tollefsen, D. & Dale, R. (2009, October). Starting and sustaining joint action. Talk presented at the Joint Attention Conference, Bentley University, Boston, MA.

Dale, R. & Richardson, D. C. (2009, August). The diagonal recurrence profile. Talk presented at the 3rd Recurrence Plots Symposium, University of Montreal.

Dale, R. (2009, July). Explanatory pluralism in cognitive science: a consequence of nonlinear dynamics and complexity. Poster presented at the Inaugural Meeting of the Society for Complex Systems in Cognitive science, Amsterdam, Netherlands.

Roche, J. M., Dale, R., Farmer, T., & Zevin, J. (2009, July). An exploration of dialect-driven modulation of spoken-word recognition. Poster presented at the 31st Annual Meeting of the Cognitive Science Society, Amsterdam, Netherlands.

Dale, R., Snyder-Tapp, K., & Mathis, E. (2009, July). Tracking trajectories in a landscape of learning. Talk presented at the International Conference for Perception and Action, Minneapolis, July 15th.

Dale, R., & Duran, N. (2009, July). Dynamical characterization of semantic coupling in child-caregiver interaction. Talk presented at the International Conference for Perception and Action, Minneapolis, July 15th.

Louwerse, M. M., Dale, R., Jeuniaux, P., Benesh, N., Watanabe, S., & Bard, E. G. (2009, July). Mimicry in action: When people imitate in face-to-face conversation. Talk presented at the Annual Conference of the Society for Text & Discourse, Rotterdam, Netherlands.

Richardson, D. C., Dale, R., & Tomlinson, J. Jr. (2009, March). Conversation, gaze coordination, and beliefs about visual context. Poster at the City University of New York Sentence Processing Conference. UC Davis.

Duran, N. D., Dale, R., & McNamara, D. S. (2008, November). Does the arm know when you're lying? In the Proceedings of the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.

Duran, N. D., Dale, R., & McNamara (2008, November). The continuous dynamics of false responding. Paper presented at the 18th Annual Meeting of the Society for Computers in Psychology, Chicago, IL.

Duran, N. D., Dale, R., & McNamara, D. (2008, July). Automated detection of coordination between child and caregivers using natural language processing. Society for Text and Discourse, Memphis, TN. (winner: outstanding student paper to advisee)

Jeuniaux, P., Dale, R., & Louwerse, M. (2008, July). The impact of feedback and

context difficulty on language acquisition. Society for Text and Discourse, Memphis, TN. (winner: outstanding young scientist award to advisee)

Jeuniaux, P., Dale, R., & Louwerse, M. (2008, July). Monkey see, monkey do. A cross-recurrence analysis of how dialogue partners imitate each other's multimodal behavior. Society for Text and Discourse, Memphis, TN.

Duran, N. D., & Dale, R. (2008, August). Lexical processing evident in wiimote trajectories. Annual Meeting of the Cognitive Science Society, Washington DC.

Roche, J. M., Dale, R., & Caucci, G. (2008, August). Sarcastic synchronization: Simultaneous acoustic and pragmatic alignment in pseudo-interaction. Annual Meeting of the Cognitive Science Society, Washington DC.

Warlaumont, A.S., Oller, D.K., Buder, E., & Dale, R. (2008, August). Analysis of infant vocalizations using a self-organizing map. Annual Meeting of the Cognitive Science Society, Washington DC.

Warlaumont, A.S., Oller, D.K., Buder, E., Kozma, R., & Dale, R. (2008, June). Using self-organizing neural networks to classify and model the perception of infant vocalizations. Child Phonology Conference, Purdue University, IN.

Dale, R. & Conway, C. (2007, November). Statistical learning set: Emerging biases in the learning of an artificial grammar. Poster to be presented at the 48th Annual Meeting of the Psychonomic Society. Long Beach, CA.

Dale, R. (2006, June). How coupled is the dyad? Cross-recurrence analysis of child-caregiver interaction. Symposium talk presented at the International Society for Ecological Psychology. Cincinnati.

Richardson, D.C. & Dale, R. (2006, June). Grounding dialogue: Eye movements reveal the coordination of attention during conversation. Symposium talk presented at the International Society for Ecological Psychology. Cincinnati.

Richardson, D.C. & Dale, R. (2006, June). The coupling between conversants' eye movements. Presentation in the Workshop on Eyetracking, Cognition, and Communication at the Second Biennial Conference of Cognitive Science. St. Petersburg.

Farmer, T., Cargill, S., Dale, R., Hindy, N. & Spivey, M.J. (2006). Mouse-Tracking the Visual World: Streaming x,y Coordinates Imply Continuous Interaction During Syntactic Ambiguity Resolution. Poster to be presented at the 19th CUNY Conference on Human Sentence Processing, March. University of Pennsylvania.

O'Hora, D. & Dale, R. (2005, May). Semantic and syntactic bootstrapping: Experimental analyses. Paper presented at the 2005 ABA Annual Convention. Chicago.

Dale, R. & Spivey, M.J. (2005, May). Modeling sequential classes sequentially: A con-

- nectionist approach. Paper presented at the 2005 ABA Annual Convention. Chicago.
- Dale, R. & Spivey, M.J. (2005, May). Uncovering temporal and structural patterns in complex behavior: Categorical recurrence analysis. Paper presented at the 2005 ABA Annual Convention. Chicago.
- Dale, R. & Reali, F. (2004, May). No öneis alone: Comment on Lidz et al. (2003). Poster presented at the Language Universals Symposium. Cornell University.
- O’Hora, D. & Dale, R. (2004, May). Syntactic and semantic bootstrapping: A relational frame approach. Paper presented at the 2004 ABA Annual Convention. Boston.
- Dale, R. (2003, August). From structure to function. Paper presented at the First World Conference on ACT, RFT, and the New Behavioral Psychology. Linköeping, Sweden.
- Balcetis, E. & Dale, R. (2003, April). There is no naked eye: How social context clothes visual perception. Paper presented to the Rocky Mountain Psychological Association Annual Meeting. Denver, CO.
- Dale, R. & Balcetis, E. (2003, April). E pluribus unum: Bridging the realms of language and visual perception. Poster presented at the Rocky Mountain Psychological Association Annual Meeting. Denver, CO.
- Dale, R. (2003, May). Rampant retrodiction: Does a path paved by Chomsky lead to support for a relational frame theoretic account of language? Invited paper to be presented at a symposium at the 2003 ABA Annual Convention. San Francisco.
- Dale, R. & Nelson, R. (2002, November). Multiple constraints on Sino-Japanese character recognition: A model of a first-grade Japanese reader. Poster presented at the 43rd Annual Meeting of the Psychonomic Society. Kansas City, MO.
- Balcetis, E. & Dale, R. (2002, August). Priming visual perception by higher order social concepts. Poster presented at the 25th European Conference on Visual Perception. Glasgow, Scotland.
- Dale, R., Nelson, R. & Thometz, D. (2002, August). Multiple constraints on Sino-Japanese character recognition. Poster presented at the 25th European Conference on Visual Perception. Glasgow, Scotland.
- Dale, R. (2002, May). Relational frame theory and early language learning: Evidence from outside the experimental analysis of behavior. Poster presented at the 2002 ABA Annual Convention. Toronto, Canada.
- Dale, R. (2002, April). Reliable learning by unreliable means: The role of prosodic and phonological cues in syntax acquisition. Poster presented at the Cornell Cognitive Studies Symposium on Statistical Learning across Cognition. Cornell University.

Thometz, D. & Dale, R. (2002, April). Sino-Japanese character recognition and multiple constraints on a statistical learner. Poster presented at the Cornell Cognitive Studies Symposium on Statistical Learning across Cognition. Cornell University.

Dale, R. & Christiansen, M.H. (2002, March). Multiple-cue integration and the evolution of languages. Paper presented at the Fourth International Conference on Language Evolution. Harvard University.

Dale, R. & Christiansen, M.H. (2002, March). The emergence of coordinated phonological and prosodic cues for syntactic processing. Poster presented at the 15th Annual CUNY Conference on Human Sentence Processing. CUNY, NY.

Dale, R. & Richardson, D.C. (2002, March). A critical analysis of the gestural proto-language theory. Poster presented at the Fourth International Conference on Language Evolution. Harvard University.

Christiansen, M.H. & Dale, R.A.C. (2001, March). The role of phonological and prosodic cues in the acquisition of syntax: Multiple-Cue integration in a connectionist model. Paper presented at the 14th CUNY Conference on Human Sentence Processing. University of Pennsylvania.

## Honors and Fellowships

The Outstanding Mentoring Award, Department of Psychology (voted by graduate students), University of Memphis, 2009-2010.

Early Career Research Award, College of Arts & Sciences, University of Memphis, 2009.

Irish Research Council for the Humanities and Social Sciences, Visiting Fellow Award, November 9-15, 2008.

Paller-Dallenbach Fellowship, Cornell University, 2005-2006.

Graduate Student Research Award, Field of Psychology, Cornell University, 2004.

Graduate Teaching Award in the Field of Psychology, Cornell University, 2003-2004.

Cognitive Science Society NSF Travel Grant, 2005.

Rocky Mountain Psychological Association, Graduate Paper Award, 2003.

Cornell University Graduate School Travel Grants (2002, 2003, 2005).

## Current/Past Memberships

Cognitive Science Society  
Psychonomic Society, Full Member, 2009-  
Association for Psychological Science  
American Psychological Association  
Society for Complex Systems in Cognitive Science

## Editorial and Panel Experience

### *Panels*

Many NSF panels for a range of programs.

### *Editorial Board/Board of Reviewers*

Associate Editor, *Cognitive Science*, 2011-  
Review Editor, *Frontiers in Theoretical and Philosophical Psychology*, 2010-  
Board of Reviewers, *Cognitive Science*, 2009-2011  
Associate Editor, *Journal of Experimental and Theoretical Artificial Intelligence*, 2008-

### *Program Committee Member*

*Society for Computers in Psychology (SCiP)*, Steering Committee Member, 2010-  
*International Conference on Development and Learning (ICDL '10)*, 2010, 2011  
*The Florida Artificial Intelligence Research Society*, NLP Track, 2009  
*The Annual Meeting of the Cognitive Science Society*, 2007-2009, 2011  
Workshop: *Psychocomputational Models of Human Language Acquisition*, 2008

### *International Service*

Invited workshop presentation: Basic recurrence methods using MATLAB. MindLAB Seminar, Aarhus University, December 9, 2011.

PhD Jury External Member, Marc-Antoine Nssli, with P. Dillenbourg (chair), P. Jermann (chair), A. Billard, and A. Duchowski (Clemson). EPFL-CRAFT, November 3, 2011.

Invited seminar guest in undergraduate course “Issues in Cognitive Neuroscience” (PS418), with M. Elliott (instructor). NUI Galway School of Psychology, January 28, 2010.

*I have also contributed ad hoc reviews for:*

*Acta Psychologica; Advances in Cognitive Psychology; American Psychologist; Applied Cognitive Psychology; Attention, Perception, & Psychophysics; Behavioral and Brain Sciences; Cerebral Cortex; Cognition; Cognitive Psychology; Cognitive Science; Consciousness and Cognition; Current Psychology Letters; Developmental Review; Discourse Processes; Dual-Eye Tracking Workshop for CSCW '12; Experimental Analysis of Human Behavior Bulletin; Human Factors; IEEE-TPC; Interaction Studies; Interface Focus (Royal Society); International Conference on Development and Learning; International Conference on Social Robotics; Israeli Ministry of Science and Technology; John Wiley & Sons; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception and Performance; Journal of Memory and Language; Journal of New Mathematics and Natural Computing; Journal of the Experimental Analysis of Behavior; Judgment and Decision Making; Language and Cognition; Language and Cognitive Processes; Language Learning; Memory & Cognition; National (Irish) Conference on Artificial Intelligence and Cognitive Science; National Science Foundation; Oxford University Press; Philosophical Psychology; Psychological Review; Psychological Science; Psychonomic Bulletin & Review; PLoS ONE; Routledge Books; The Annual Meeting of the Cognitive Science Society; Topics in Cognitive Science (topiCS); Trends in Cognitive Sciences*

## Teaching

### *Courses as Instructor*

#### *UC Merced, Cognitive and Information Sciences*

Forthcoming courses (tentative):

Mind, Technology, and Society Seminar (public seminar)

Materials, Methods, and Models for Cognitive Science (graduate seminar)

Cognition in the Modern Everyday (undergraduate course)

#### *The University of Memphis, Department of Psychology*

2006-2011: PSYC 3303: Thinking and Cognitive Processes.

2007-2011: PSYC 7302: Advanced Statistics I.

2007-2009: PSYC 4305: Mind, Brain, and Intelligence.

2007, 2009: COMP/PSYC 7/8514: Cognitive Science Seminar.

#### *Cornell University, Department of Psychology*

Fall, 2003: Instructor for “Intro to Cognitive Science Writing Seminar.”

Summer, 2004: Co-instructor for “Introduction to Cognitive Science.”

Summer, 2005: Instructor for “Introduction to Cognitive Science.”

*Courses as Teaching Assistant in Previous Years*

Fall, 2001: TA for “Psychology and Law.”  
Spring, 2002, 2003: TA for “Psycholinguistics.”  
Fall, 2002: TA for “Applied Visual Perception.”  
Spring, 2003: TA for “Psycholinguistics.”  
Spring, 2004: TA for “Psychology of Music.”  
Spring, 2005: TA for “Computational Modeling of Cognition.”

Local Funding, Service, and Presentations

*University of California, Merced*

*Unit/University Service*

Graduate Executive Committee, Cognitive and Information Sciences, 2011-current  
Communications Officer, Cognitive and Information Sciences, 2011-current  
Chair of Senate Committee for Rules and Elections, UC Merced, 2011-current  
Curriculum Committee, SSHA, 2011-current  
Research Computing Task Force, UC Merced, 2011-current

*Student Committee Service (interdisciplinary/breadth service in parentheses)*

Alexandra Loan, PhD chair, 2010-current

*The University of Memphis*

*Grants*

Innovation SIST teaching technology grant, “Learning cognitive science by learning to use software technologies,” \$4,500.

Funded a summer INSPIRE undergraduate, for students from underrepresented groups in psychology: 2009, 2010.

*Department/University Service*

Faculty grant review panel, 2011  
Chair, statistics/software acquisitions, IT research advisory board, 2009-2010  
Subject pool coordinator, 2008-2011  
Undergraduate program evaluation/task force, 2008-2009  
University IT research advisory board, 2007-2010  
Methodology/statistics committee, 2006-2011  
Recruitment committee website development, Fall, 2006

*Student Committee Service (interdisciplinary/breadth service in parentheses)*

Gina Caucci, MA/MAP/PhD committee/co-chair, 2006-2011  
Jenny Roche, MAP/PhD chair, 2007-2011  
Nick Duran, MAP/PhD committee/co-chair, 2006-2011  
Alan Albright, MA/MAP/PhD chair, 2007-2010  
Brent Fonville, MSGP chair, 2009-2011  
Emily Mathis, MSGP chair, 2008-2009  
Kristy Snyder-Tapp, MSGP chair, 2008-2010  
Makandal Daaga, MSGP chair, 2008-2009  
Ronni Jupson, Honors thesis chair, 2010-2011  
Patricia Jupson, Honors thesis chair, 2010-2011

Matthew Stapleton, MSGP/MAP/PhD committee (clinical), 2008-current  
Blair Lehman, MA committee, 2010-current  
Lucille Booker, PhD committee (applied linguistics), 2010-current  
Judiaann McNiff, MA committee (clinical), 2010-current  
Nicholas Benesh, MA/MAP/PhD committee, 2008-current  
Henry Hua, MA committee (clinical), 2011-current  
Melissa Smith, Honors thesis committee (clinical), 2011-current  
Paige Frankfurt, MA committee (clinical), 2011-current

Walter Winfree, MA committee (clinical), 2010-2011  
Amy Witherspoon, PhD committee, 2009-2011  
Monica Riordan, MAP/PhD committee, 2009-2011  
Heather Ramsdell, PhD committee (speech pathology), 2007-2008  
Kyoung-hwa Kwon, PhD committee (speech pathology), 2009-2010  
Patrick Jeuniaux, PhD committee, 2006-2009  
Michael Rowe, PhD committee, 2007-2008  
Roman Ilin, PhD committee (computer science), 2007-2008  
Lisa Jobe-Shields, MAP committee, 2009-2011  
Collier Shepard, MA committee (health and sports sciences), 2010-2011  
Jessie Van Dyke, MA committee (clinical), 2008-2009  
Christopher Monahan, MA committee (clinical), 2009  
Chanda Murphy, MA committee (IO), 2008-2010  
Jessica Skidmore, MA committee (clinical), 2009  
Emily Johnson, MA committee, 2007-2008  
Courtney Peasant, MA committee (clinical), 2009-2010  
Adrienne Studaway, MA committee (clinical), 2006-2007  
Kate Marshall, MA committee (health and sports sciences), 2009-2010  
Candice Burkett, Honors thesis committee, 2010-2011  
Ryan Morehead, Honors thesis committee, 2008-2010  
Gwyneth Lewis, Honors thesis committee, 2006-2007  
Doris Leeper, Honors thesis committee, 2006-2007  
Sara Jordan, Honors thesis committee, 2009-2010

*Invited Local Presentations*

Bridging mind and world with open dynamical systems. Cognitive Science Colloquium, October 14, 2009.

Evolving a language in an online game. Cognitive Brown Bag Presentation, September 14, 2009.

Cognitive dynamics in action dynamics. Health Science Graduate Seminar Presentation, April 2, 2009.

Cognitive dynamics in action dynamics. Computer Science Colloquium, February 13, 2009.

Coordination and adaptation in communication. Audiology and Speech-Language Pathology Colloquium, February 6, 2009 (with Dr. Roger Kreuz).

Episodic memory. Cognitive Science Seminar, September 15, 2008.

Dynamics of conversation and action, with some clinical reflections. Behavioral Medicine Meeting, Dept. of Psychology, February 22, 2008.

Hands-on cognitive science and critical thinking: Preliminary explorations in a laboratory component for a cognitive course. Teaching Colloquium, Dept. of Psychology, January 29, 2008.

Child and caregiver as a coupled system. Cognitive Brown Bag Presentation, April 9, 2007.

Introduction to the self-organizing map. Language Acquisition Research Group, Audiology & Speech Pathology, November 10, 2006.

The mouse cursor and the mind. Cognitive Scientist's Toolkit Workshop, November 2, 2006.

Introduction to neural networks: Some historical and not-so technical reflections. Language Acquisition Research Group, Audiology & Speech-Language Pathology, October 20, 2006.

The dynamics of your right hand reveals details of semantic categorization and other cognitive processes. Cognitive Brown Bag Presentation, October 9, 2006.

Uncovering coordinated behavior in real-time language comprehension and acquisition. Audiology & Speech-Language Pathology PhD Colloquium, October 20, 2006.

Advanced Excel techniques. Cognitive Scientist's Toolkit Workshop, September 7, 2006 (with Dr. Roger S. Taylor).