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Current Position: Associate Professor, Department of Psychology, Cornell University, NY.

Education

- Ph.D. Cognitive Science, Centre for Cognitive Science, University of Edinburgh, U.K., 1995.
- M.Sc. Cognition, Computing & Psychology, Department of Psychology, University of Warwick, U.K., 1991.
- B.A. Sociology, University of Copenhagen, Denmark, 1987.
- Cert. Computer Science, University of Copenhagen, Denmark, 1989.

Positions

- 2008-present External Professor, Santa Fe Institute, Santa Fe, NM.
- 2007-present Co-Director, Cognitive Science Program, Cornell University, Ithaca, NY.
- 2006-2007 Visiting Professor, Santa Fe Institute, Santa Fe, NM.
- 2006-present Associate Professor, Department of Psychology, Cornell University, Ithaca, NY.
- 2001-2006 Assistant Professor, Department of Psychology, Cornell University, Ithaca, NY.
- 2000-2001 Assistant Professor, Department of Linguistics, Southern Illinois University, Carbondale, IL.
- 1999-2001 Assistant Professor, Department of Psychology, Southern Illinois University, Carbondale, IL.
- 1995-1998 Postdoctoral Research Associate, Departments of Psychology and Linguistics and the Program in Neural, Informational and Behavioral Sciences, University of Southern California, Los Angeles, CA.
- 1993-1995 McDonnell Postdoctoral Fellow, Philosophy, Neuroscience and Psychology Program, Washington University, St. Louis, MO.

Professional Experience

- 1997-2004 Developmental Cognitive Science/Neuroscience consultant for Neurosmith.
- 2004-2007 Language Acquisition consultant for and co-owner of Lingua Learning Ltd.

Research Interests

Language Acquisition and Processing, Language Evolution, Statistical Learning of Complex Sequential Structure, Neural Network Models of Language and Statistical Learning, Genetics of Language, Neurophysiological Measures (ERP) of Statistical Learning and Language, Cognitive Science/Neuroscience.

Current and Past Grant Support

- 2006-2008 Onnis, L. (PI), Christiansen, M.H. (co-PI), Spivey, M.J. *Semantic Valence Tendencies in Monolingual and Bilingual Sentence Comprehension*. National Institute of Health (\$158,000 over two years).

- 2001-2005 Christiansen, M.H. (PI), Chater, N., Dominey, P. Ogura, M. *Multiple-Cue Integration in Language Acquisition: Mechanisms and Neural Correlates*. Human Frontiers Science Program (\$750,000 over four years).
- 2000-2002 Christiansen, M.H. *Using Event-Related Potentials to Investigate Statistical Learning in Adults and Infants*. Special Research Project Grant, Office of Research Development and Administration, Southern Illinois University, Carbondale (\$19,800 over two years).
- 2000-2001 Dominey, P. (PI), Dupoux, E., Deprez, V., Christiansen, M.H., Marcus, G. Caplan, D. *A Neural Network Model of Syntactic Comprehension and its Application to Rehabilitation in Agrammatic Aphasia*. French Education Ministry Initiative Action, Project Cognitique (500,000 Francs over two years).

Grant Proposals under Review/Revision

- 2009-2011 Christiansen, M.H. (PI), Tomblin, J.B. *Individual Differences in Language and Statistical Learning*. Submitted to National Institutes of Health.

Honors and Awards

- 2006 Charles A. Ryskamp Research Fellowship (July 2006 – June 2009), American Council of Learned Societies.
- 2000 Dean's Appreciation Award, College of Liberal Arts, Southern Illinois University.
- 1999 Dean's Appreciation Award, College of Liberal Arts, Southern Illinois University.
- 1994 Fellow, McDonnell-Pew Summer Institute in Cognitive Neuroscience, University of California, Davis.
- 1993 Two-year McDonnell Postdoctoral Fellowship in the Philosophy-Neuroscience-Psychology Program, Washington University, St. Louis, MO.
- 1992 The David Marr Memorial Prize for Excellent Student Papers. Awarded by the Cognitive Science Society for "The (Non) Necessity of Recursion in Natural Language Processing".
- 1991 University of Copenhagen Silver Medal in Psychology for "The Present Cognitive Status of Concepts - An Account of Conceptual Representation in Cognitive Science".
- 1990 Three-year Ph.D. Scholarship from the Danish Research Academy.
- 1989 Carlsberg Foundation Research Fellowship.

Teaching Experience

Graduate Courses

- 2003-6 *Behavioral and Brain Sciences Seminar*, Department of Psychology, Cornell University.
- 2002/4/8 *Connectionist Psycholinguistics*, Department of Psychology, Cornell University.
- 2003 *Special Topics in Cognitive Science: ERP*, Department of Psychology, Cornell University.
- 2001-7 *Evolution of Language*, Department of Psychology, Cornell University (odd years).
- 2000 *Language and Cognition*, Department of Psychology, SIU.
- 1999 *Theory and Research in Cognitive Psychology*, Department of Psychology, SIU.
- 1999 *The Evolution of Language and the Brain*, Department of Psychology, SIU.
- 1998 *Statistical and Computational Approaches to Language*, Departments of Psychology and Linguistics, USC.
- 1997 *Language Evolution and the Brain*, Departments of Psychology and Linguistics, USC.
- 1995 *Connectionist Natural Language Processing*, Departments of Psychology and Linguistics, USC.
- 1994 *Connectionist Modeling and Natural Language Processing*, Philosophy, Neuroscience & Psychology Program, Washington University.

Undergraduate Courses

- 2002/4/8 *Connectionist Psycholinguistics*, Department of Psychology, Cornell University.
 2002-9 *Psychology of Language*, Departments of Psychology and Linguistics, Cornell University.
 2001-7 *Evolution of Language*, Department of Psychology, Cornell University (odd years).
 1999-2001 *Cognitive Psychology*, Department of Psychology, SIU.
 1999-2001 *Introduction to Psycholinguistics*, Departments of Psychology and Linguistics, SIU.
 1995 *Cognitive Science and the Philosophy of Mind*, PNP Program, Washington University.

Publications

Journal Publications

- Christiansen, M.H., Onnis, L. & Hockema, S.A. (in press). The secret is in the sound: From unsegmented speech to lexical categories. *Developmental Science*.
- Conway, C.M. & Christiansen, M.H. (in press). Seeing and hearing in space and time: Effects of modality and presentation rate on implicit statistical learning. *European Journal of Cognitive Psychology*.
- Fitneva, S.A., Christiansen, M.H. & Monaghan, P. (in press). From sound to syntax: Phonological constraints on children's lexical categorization of new words. *Journal of Child Language*.
- Chater, N., Reali, F. & Christiansen, M.H. (2009). Restrictions on biological adaptation in language evolution. *Proceedings of the National Academy of Sciences*, *106*, 1015-1020.
- Reali, F. & Christiansen, M.H. (2009). Sequential learning and the interaction between biological and linguistic adaptation in language evolution. *Interaction Studies*, *10*, 5-30.
- Wells, J., Christiansen, M.H., Race, D.S., Acheson, D. & MacDonald, M.C. (2009). Experience and sentence processing: Statistical learning and relative clause comprehension. *Cognitive Psychology*, *58*, 250-271.
- Christiansen, M.H. & Chater, N. (2008). Language as shaped by the brain. *Behavioral & Brain Sciences*, *31*, 489-558. [target article with 28 peer commentaries and authors' response]
- Onnis, L. & Christiansen, M.H. (2008). Lexical categories at the edge of the word. *Cognitive Science*, *32*, 184-221.
- Onnis, L., Farmer, T.A., Baroni, M., Christiansen, M.H. & Spivey, M. (2008). Generalizable distributional regularities aid fluent language processing: The case of semantic valence tendencies. *Italian Journal of Linguistics*, *20*.
- Chater, N. & Christiansen, M.H. (2007). Two views of simplicity in linguistic theory: Which connects better with cognitive science? *Trends in Cognitive Sciences*, *11*, 324-326.
- Monaghan, P., Christiansen, M.H. & Chater, N. (2007). The Phonological-Distributional Coherence Hypothesis: Cross-linguistic evidence in language acquisition. *Cognitive Psychology*, *55*, 259-305.
- Reali, F. & Christiansen, M.H. (2007). Processing of relative clauses is made easier by frequency of occurrence. *Journal of Memory and Language*, *57*, 1-23.
- Reali, F. & Christiansen, M.H. (2007). Word-chunk frequencies affect the processing of pronominal object-relative clauses. *Quarterly Journal of Experimental Psychology*, *60*, 161-170.
- Conway, C.M. & Christiansen, M.H. (2006). Statistical learning within and between modalities: Pitting abstract against stimulus specific representations. *Psychological Science*, *17*, 905-912.
- Farmer, T.A., Christiansen, M.H. & Monaghan, P. (2006). Phonological typicality influences on-line sentence comprehension. *Proceedings of the National Academy of Sciences*, *103*, 12203-12208.
- Snyder, J.S., Hannon, E.E., Large, E.W. & Christiansen, M.H. (2006). Synchronization and continuation tapping to complex meters. *Music Perception*, *24*, 135-146.
- Conway, C. & Christiansen, M.H. (2005). Modality constrained statistical learning of tactile, visual, and auditory sequences. *Journal of Experimental Psychology: Learning, Memory & Cognition*, *31*, 24-39.
- Curtin, S., Mintz, T.H. & Christiansen, M.H. (2005). Stress changes the representational landscape: Evidence from word segmentation. *Cognition*, *96*, 233-262.

- Monaghan, P., Chater, N. & Christiansen, M.H. (2005). The differential role of phonological and distributional cues in grammatical categorisation. *Cognition*, 96, 143-182.
- Reali, F. & Christiansen, M.H. (2005). Uncovering the richness of the stimulus: structure dependence and indirect statistical evidence. *Cognitive Science*, 29, 1007-1028.
- Christiansen, M.H., Conway, C.M. & Ellefson, M.R. (2003). Raising the bar for connectionist modeling of cognitive developmental disorders. *Behavioral and Brain Sciences*, 25, 752-753.
- Christiansen, M.H. & Kirby, S. (2003). Language evolution: Consensus and controversies. *Trends in Cognitive Sciences*, 7, 300-307.
- Dale, R. & Christiansen, M.H. (2003). Review of *The algebraic mind: Integrating connectionism and cognitive science* by G.F. Marcus. *European Journal of Cognitive Psychology*, 15, 478-480.
- Edelman, S. & Christiansen, M.H. (2003). How seriously should we take Minimalist syntax? *Trends in Cognitive Sciences*, 7, 60-61.
- MacDonald, M.C. & Christiansen, M.H. (2002). Reassessing working memory: A comment on Just & Carpenter (1992) and Waters & Caplan (1996). *Psychological Review*, 109, 35-54.
- Christiansen, M.H. & Chater, N. (2001). Connectionist psycholinguistics: Capturing the empirical data. *Trends in Cognitive Sciences*, 5, 82-88.
- Conway, C.M., & Christiansen, M.H. (2001). Sequential learning in non-human primates. *Trends in Cognitive Sciences*, 5, 539-546.
- Christiansen, M.H. & Chater, N. (1999). Connectionist natural language processing: The state of the art. *Cognitive Science*, 23, 417-437.
- Christiansen, M.H. & Chater, N. (1999). Toward a connectionist model of recursion in human linguistic performance. *Cognitive Science*, 23, 157-205.
- Christiansen, M.H., Chater, N. & Seidenberg, M.S. (Eds.) (1999). Connectionist models of human language processing: Progress and prospects. Special issue of *Cognitive Science*, 23 (4), 415-634.
- Christiansen, M.H. & Curtin, S.L. (1999). Transfer of learning: Rule acquisition or statistical learning? *Trends in Cognitive Sciences*, 3, 289-290.
- Christiansen, M.H. & MacDonald, M.C. (1999). Fractionated working memory: Even in pebbles, it's still a soup stone. *Behavioral and Brain Sciences*, 22, 97-98.
- Christiansen, M.H., Allen, J. & Seidenberg, M.S. (1998). Learning to segment speech using multiple cues: A connectionist model. *Language and Cognitive Processes*, 13, 221-268.
- Christiansen, M.H. (1997). Review of Michael S. Gazzaniga (Ed.), *The cognitive neurosciences*. *Philosophical Psychology*, 10, 117-122.
- Christiansen, M.H. & Chater, N. (1994). Generalization and connectionist language learning. *Mind and Language*, 9, 273-287.
- Christiansen, M.H. & Chater, N. (1992). Connectionism, meaning and learning. *Connection Science*, 4, 227-252.

Book Chapters

- Christiansen, M.H. (in press). Connectionism and grammar. In P. Hogan (Ed.), *The Cambridge Encyclopedia of the Language Sciences*. Cambridge, UK: Cambridge University Press.
- Christiansen, M.H., Collins, C. Collins & Edelman, S. (in press). Language universals: A collaborative project for the language sciences. In M.H. Christiansen, C. Collins. & S. Edelman (Eds.), *Language universals*. New York: Oxford University Press.
- Christiansen, M.H., Dale, R. & Reali, F. (in press). Connectionist explorations of multiple-cue integration in syntax acquisition. In S.P. Johnson (Ed.), *Neoconstructivism: The new science of cognitive development*. New York: Oxford University Press.
- Jäger, H., Baronchelli, A., Briscoe, E., Christiansen, M.H., Griffiths, T., Jäger, G., Kirby, S., Komarova, N., Richerson, P.J., Steels, L. & Triesch, J. (in press). What can mathematical, computational and robotic models tell us about the origins of syntax? In D. Bickerton & E. Szathmáry (Eds.), *Biological foundations and origin of syntax*. *Strüngmann Forum Reports, Vol. 3*. Cambridge, MA: MIT Press.

- Kirby, S., Christiansen, M.H. & Chater, N. (in press). Syntax as an adaptation to the learner. In D. Bickerton & E. Szathmáry (Eds.), *Biological foundations and origin of syntax. Strüngmann Forum Reports, Vol. 3*. Cambridge, MA: MIT Press.
- Real, F. & Christiansen, M.H. (in press). On the necessity of an interdisciplinary approach to language universals. In M.H. Christiansen, C. Collins & S. Edelman (Eds.), *Language universals*. New York: Oxford University Press.
- Tomblin, J.B. & Christiansen, M.H. (in press). Explaining developmental communication disorders. In R. Paul & P. Flipsen (Eds.), *Speech sound disorders in children. In honor of Lawrence D. Shriberg*. San Diego, CA: Plural Publishing.
- Christiansen, M.H. & Kirby, S. (2009). Language evolution. In L.R. Squire (Ed.), *New encyclopedia of neuroscience, Vol. 5* (pp. 321-327). Oxford, U.K.: Elsevier.
- Onnis, L., Christiansen, M.H. & Chater, N. (2009). Connectionist models of language processing. In L.R. Squire (Ed.), *New encyclopedia of neuroscience, Vol. 3* (pp. 83-90). Oxford, U.K.: Elsevier.
- Chater, N. & Christiansen, M.H. (2008). Computational models in psycholinguistics. In R. Sun (Ed.), *Cambridge Handbook of Computational Cognitive Modeling* (pp. 477-504). New York: Cambridge University Press.
- Monaghan, P. & Christiansen, M.H. (2008). Integration of multiple probabilistic cues in syntax acquisition. In H. Behrens (Ed.), *Trends in corpus research: Finding structure in data (TILAR Series)* (pp. 139-163). Amsterdam: John Benjamins.
- Christiansen, M.H. & Monaghan, P. (2006). Discovering verbs through multiple-cue integration. In K. Hirsh-Pasek & R.M. Golinkoff (Eds.), *Action meets words: How children learn verbs* (pp. 88-107). New York: Oxford University Press.
- Onnis, L., Christiansen, M.H. & Chater, N. (2006). Human language processing: Connectionist models. In K. Brown (Ed.), *Encyclopedia of language and linguistics* (pp. 401-409). Oxford, U.K.: Elsevier Publishers.
- Christiansen, M.H. (2005). On the relation between language and (mimetic) culture. In S.L. Hurley & N. Chater (Eds.), *Perspectives on imitation: From cognitive neuroscience to social science* (pp. 391-396). Cambridge, MA: MIT Press.
- Christiansen, M.H., Conway, C.M. & Curtin, S. (2005). Multiple-cue integration in language acquisition: A connectionist model of speech segmentation and rule-like behavior. In J.W. Minett & W.S.-Y. Wang (Eds.), *Language acquisition, change and emergence: Essays in evolutionary linguistics* (pp. 205-249). Hong Kong: City University of Hong Kong Press.
- Christiansen, M.H. & Curtin, S. (2005). Integrating multiple cues in language acquisition: A computational study of early infant speech segmentation. In G. Houghton (Ed.), *Connectionist models in cognitive psychology* (pp. 347-372). Hove, U.K.: Psychology Press.
- Christiansen, M.H. & Dale, R. (2004). The role of learning and development in the evolution of language. A connectionist perspective. In D. Kimbrough Oller & U. Griebel (Eds.), *Evolution of communication systems: A comparative approach. The Vienna Series in Theoretical Biology* (pp. 90-109). Cambridge, MA: MIT Press.
- Chater, N. & Christiansen, M.H. (2003). Speech processing: Psycholinguistics. In M.A. Arbib (Ed.), *The handbook of brain theory and neural networks* (2nd ed., pp. 1068-1071). Cambridge, MA: MIT Press.
- Christiansen, M.H. & Chater, N. (2003). Constituency and recursion in language. In M.A. Arbib (Ed.), *The handbook of brain theory and neural networks* (2nd ed., pp. 267-271). Cambridge, MA: MIT Press.
- Christiansen, M.H. & Dale, R. (2003). Language evolution and change. In M.A. Arbib (Ed.), *The handbook of brain theory and neural networks* (2nd ed., pp. 604-606). Cambridge, MA: MIT Press.
- Christiansen, M.H. & Kirby, S. (2003). Language evolution: The hardest problem in science? In M.H. Christiansen & Kirby, S. (Eds.), *Language evolution* (pp. 1-15). Oxford, U.K.: Oxford University Press.

- Kirby, S. & Christiansen, M.H. (2003). From language learning to language evolution. In M.H. Christiansen & Kirby, S. (Eds.), *Language evolution* (pp. 272-294). Oxford, U.K.: Oxford University Press.
- Christiansen, M.H., Dale, R., Ellefson, M.R., & Conway, C.M. (2002). 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.
- Christiansen, M.H. & Ellefson, M.R. (2002). Linguistic adaptation without linguistic constraints: The role of sequential learning in language evolution. In A. Wray (Ed.), *Transitions to language* (pp. 335-358). Oxford, U.K.: Oxford University Press.
- Christiansen, M.H. & Chater, N. (2001). Connectionist psycholinguistics in perspective. In M.H. Christiansen & N. Chater (Eds.), *Connectionist psycholinguistics* (pp. 19-75). Westport, CT: Ablex.
- Christiansen, M.H. & Chater, N. (2001). Connectionist psycholinguistics: The very idea. In M.H. Christiansen & N. Chater (Eds.), *Connectionist psycholinguistics* (pp. 1-15). Westport, CT: Ablex.
- Christiansen, M.H. & Chater, N. (2001). Finite models of infinite language: A connectionist approach to recursion. In M.H. Christiansen & N. Chater (Eds.), *Connectionist psycholinguistics* (pp. 138-176). Westport, CT: Ablex
- Chater, N. & Christiansen, M.H. (1999). Connectionism and natural language processing. In S. Garrod & M. Pickering (Eds.), *Language processing* (pp. 233-279). Hove, U.K.: Psychology Press.

Books

- Christiansen, M.H., Collins, C. & Edelman, S. (Eds.) (in press). *Language universals*. New York: Oxford University Press.
- Christiansen, M.H. & Kirby, S. (Eds.) (2003). *Language evolution*. Oxford, U.K.: Oxford University Press. (Published: July 2003. Third reprint: July 2005; Reviewed in the Feb. 27, 2004, special issue of *Science* on Evolution of Language, pp. 1299-1300)
- Christiansen, M.H. & Chater, N. (Eds.) (2001). *Connectionist psycholinguistics*. Westport, CT: Ablex.
- Christiansen, M.H. & Chater, N. (in preparation). *Creating language: Towards a unified framework for language acquisition, processing and evolution*. New York: Oxford University Press.
- Conway, C.M., Onnis, L. & Christiansen, M.H. (in preparation). *Statistical learning: Sensitivity to sequential structure across cognition*. New York: Oxford University Press.

Papers in Peer-Reviewed Conference Proceedings

- Christiansen, M.H., Conway, C.M. & Onnis, L. (2007). Overlapping neural responses to structural incongruencies in language and statistical learning point to similar underlying mechanisms. In D. S. McNamara & J. G. Trafton (Eds.), *Proceedings of the 29th Annual Cognitive Science Society Conference* (pp. 173-178). Austin, TX: Cognitive Science Society.
- Conway, C.M., Goldstone, R.L. & Christiansen, M.H. (2007). Spatial constraints on visual statistical learning of multi-element scenes. In D. S. McNamara & J. G. Trafton (Eds.), *Proceedings of the 29th Annual Cognitive Science Society Conference* (pp. 185-190). Austin, TX: Cognitive Science Society.
- Misyak, J.B. & Christiansen, M.H. (2007). Extending statistical learning farther and further: Long-distance dependencies, and individual differences in statistical learning and language. In D. S. McNamara & J. G. Trafton (Eds.), *Proceedings of the 29th Annual Cognitive Science Society Conference* (pp. 1307-1312). Austin, TX: Cognitive Science Society.
- Christiansen, M.H., Hockema, S.A. & Onnis, L. (2006). Using phoneme distributions to discover words and lexical categories in unsegmented speech. In *Proceedings of the 28th Annual Cognitive Science Society Conference* (pp. 172-177). Mahwah, NJ: Lawrence Erlbaum.
- Christiansen, M.H., Reali, F. & Chater, N. (2006). The Baldwin effect works for functional, but not arbitrary, features of language. In A. Cangelosi, A. Smith & K. Smith (Eds.), *Proceedings of the Sixth International Conference on the Evolution of Language* (pp. 27-34). London: World Scientific Publishing.

- Monaghan, P. & Christiansen, M.H. (2006). Why form-meaning mappings are not entirely arbitrary in language. In *Proceedings of the 28th Annual Cognitive Science Society Conference* (pp. 1838-1843). Mahwah, NJ: Lawrence Erlbaum.
- Sternberg, D.A. & Christiansen, M.H. (2006). The implications of bilingualism and multilingualism on potential evolved language mechanisms. In A. Cangelosi, A. Smith & K. Smith (Eds.), *Proceedings of the Sixth International Conference on the Evolution of Language* (pp. 333-340). London: World Scientific Publishing.
- Conway, C.M. & Christiansen, M.H. (2005). Statistical learning within and across modalities: Abstract versus stimulus-specific representations. In *Proceedings of the 27th Annual Meeting of the Cognitive Science Society* (pp. 488-493). Mahwah, NJ: Lawrence Erlbaum.
- Farmer, T.A., Christiansen, M.H. & Kemtes, K.A. (2005). Sentence processing in context: The impact of experience on individual differences. In *Proceedings of the 27th Annual Meeting of the Cognitive Science Society* (pp. 642-647). Mahwah, NJ: Lawrence Erlbaum.
- Onnis, L. & Christiansen, M.H. (2005). Happy endings for absolute beginners: Psychological plausibility in computational models of language acquisition. In *Proceedings of the 27th Annual Meeting of the Cognitive Science Society* (pp. 1678-1683). Mahwah, NJ: Lawrence Erlbaum.
- Real, 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.
- 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 Conference of the Cognitive Science Society* (pp. 262-267). Mahwah, NJ: Lawrence Erlbaum.
- Monaghan, P. & Christiansen, M.H. (2004). What distributional information is useful and usable for language acquisition? In *Proceedings of the 26th Annual Conference of the Cognitive Science Society* (pp. 963-968). Mahwah, NJ: Lawrence Erlbaum.
- Onnis, L., Monaghan, P., Christiansen, M.H. & Chater, N. (2004). Variability is the spice of learning, and a crucial ingredient for detecting and generalizing in nonadjacent dependencies. In *Proceedings of the 26th Annual Conference of the Cognitive Science Society* (pp. 1047-1052). Mahwah, NJ: Lawrence Erlbaum.
- Real, F. & Christiansen, M.H. (2004). Structure dependence in language acquisition: Uncovering the richness of the stimulus. In *Proceedings of the 26th Annual Conference of the Cognitive Science Society* (pp. 1131-1136). Mahwah, NJ: Lawrence Erlbaum.
- Conway, C.M., Ellefson, M.R. & Christiansen, M.H. (2003). When less is less and when less is more: Starting small with staged input. In *Proceedings of the 25th Annual Conference of the Cognitive Science Society* (pp. 270-275). Mahwah, NJ: Lawrence Erlbaum.
- Monaghan, P., Chater, N. & Christiansen, M.H. (2003). Inequality between the classes: Phonological and distributional typicality as predictors of lexical processing. In *Proceedings of the 25th Annual Conference of the Cognitive Science Society* (pp. 810-815). Mahwah, NJ: Lawrence Erlbaum.
- Onnis, L., Christiansen, M.H., Chater, N. & Gómez, R. (2003). Reduction of uncertainty in human sequential learning: Evidence from artificial grammar learning. In *Proceedings of the 25th Annual Conference of the Cognitive Science Society* (pp. 886-891). Mahwah, NJ: Lawrence Erlbaum.
- Real, F., Christiansen, M.H. & Monaghan, P. (2003). Phonological and distributional cues in syntax acquisition: Scaling up the connectionist approach to multiple-cue integration. In *Proceedings of the 25th Annual Conference of the Cognitive Science Society* (pp. 970-975). Mahwah, NJ: Lawrence Erlbaum.
- Conway, C. & Christiansen, M.H. (2002). Sequential learning through touch, vision and audition. In *Proceedings of the 24th Annual Conference of the Cognitive Science Society* (pp. 220-225). Mahwah, NJ: Lawrence Erlbaum.
- Lupyan, G. & Christiansen, M.H. (2002). Case, word order, and language learnability: Insights from connectionist modeling. In *Proceedings of the 24th Annual Conference of the Cognitive Science Society* (pp. 596-601). Mahwah, NJ: Lawrence Erlbaum.

- Christiansen, M.H. & Dale, R. (2001). Integrating distributional, prosodic and phonological information in a connectionist model of language acquisition. In *Proceedings of the 23rd Annual Conference of the Cognitive Science Society* (pp. 220-225). Mahwah, NJ: Lawrence Erlbaum.
- Christiansen, M.H. (2000). Using artificial language learning to study language evolution: Exploring the emergence of word universals. J. L. Dessalles & L. Ghadakpour (Eds.), *The Evolution of Language: 3rd International Conference* (pp. 45-48). Paris, France: Ecole Nationale Supérieure des Télécommunications
- Christiansen, M.H., Conway, C.M. & Curtin, S. (2000). A connectionist single-mechanism account of rule-like behavior in infancy. In *The Proceedings of the 22nd Annual Conference of the Cognitive Science Society* (pp. 83-88). Mahwah, NJ: Lawrence Erlbaum.
- Ellefson, M.R. & Christiansen, M.H. (2000). The evolution of subadjacency without universal grammar: Evidence from artificial language learning. In J. L. Dessalles & L. Ghadakpour (Eds.), *The Evolution of Language: 3rd International Conference* (pp. 98-101). Paris, France: Ecole Nationale Supérieure des Télécommunications.
- Ellefson, M.R. & Christiansen, M.H. (2000). Subadjacency constraints without universal grammar: Evidence from artificial language learning and connectionist modeling. In *The Proceedings of the 22nd Annual Conference of the Cognitive Science Society* (pp. 645-650). Mahwah, NJ: Lawrence Erlbaum.
- Christiansen, M.H. & Curtin, S.L. (1999). The power of statistical learning: No need for algebraic rules. In *The Proceedings of the 21st Annual Conference of the Cognitive Science Society* (pp. 114-119). Mahwah, NJ: Lawrence Erlbaum.
- Christiansen, M.H. (1998). Improving learning and generalization in neural networks through the acquisition of multiple related functions. In J.A. Bullinaria, D.G. Glasspool & G. Houghton (Eds.), *Proceedings of the Fourth Neural Computation and Psychology Workshop: Connectionist Representations* (pp. 58-70). London: Springer-Verlag.
- Christiansen, M.H. & Allen, J. (1997). Coping with variation in speech segmentation. In A. Sorace, C. Heycock & R. Shillcock (Eds.), *Proceedings of GALA 1997: Language Acquisition: Knowledge Representation and Processing* (pp. 327-332). University of Edinburgh Press.
- Christiansen, M.H. & Devlin, J.T. (1997). Recursive inconsistencies are hard to learn: A connectionist perspective on universal word order correlations. In *Proceedings of the 19th Annual Cognitive Science Society Conference* (pp. 113-118). Mahwah, NJ: Lawrence Erlbaum.
- Seidenberg, M.S., Allen, J. & Christiansen, M.H. (1997). Probabilistic constraints in language acquisition. In A. Sorace, C. Heycock & R. Shillcock (Eds.), *Proceedings of GALA 1997: Language Acquisition: Knowledge Representation and Processing* (pp. 382-387). University of Edinburgh Press.
- Allen, J. & Christiansen, M.H. (1996). Integrating multiple cues in word segmentation: A connectionist model using hints. In *Proceedings of the 18th Annual Cognitive Science Society Conference* (pp. 370-375). Mahwah, NJ: Lawrence Erlbaum.
- Morrison, H. & Christiansen, M.H. (1995). Reconsidering domain-general language learning. In *Proceedings of the 1995 Midwest Artificial Intelligence and Cognitive Science Society Conference* (pp. 1-6).
- Christiansen, M.H. & Chater, N. (1993). Symbol grounding – The emperor's new theory of meaning? In *Proceedings of the 15th Annual Cognitive Science Society Conference* (pp. 155-160). Hillsdale, NJ: Lawrence Erlbaum.
- Christiansen, M.H. (1992). The (non) necessity of recursion in natural language processing. In *Proceedings of the 14th Annual Cognitive Science Society Conference* (pp. 665-670). Hillsdale, NJ: Lawrence Erlbaum.

Manuscripts under Review/Revision

- Beckner, C., Blythe, R., Bybee, J., Christiansen, M.H., Croft, W., Ellis, N., Holland, J., Ke, J., Larsen-Freeman, D. & Schoenemann, T. (submitted). *Language is a complex adaptive system*. To appear in a Special Issue of *Language Learning* on “Language as a complex adaptive system”.
- Chater, N. & Christiansen, M.H. (submitted). *Language acquisition meets language evolution*. Submitted to a Special Issue of *Cognitive Science* on “Mechanisms of cognitive development: Domain-general learning or domain-specific constraints”.
- Chater, N & Christiansen, M.H. (submitted). *A solution to the logical problem of language acquisition: Language as an adaptation to the human brain*. In M. Tallerman & K. Gibson (Eds.), *Oxford Handbook of Language Evolution*. Oxford, UK: Oxford University Press.
- Christiansen, M.H., Conway, C.M. & Onnis, L. (submitted). *The P600 as an index of expectation violations in language and statistical learning*.
- Christiansen, M.H., Kelly, L., Shillcock, R. & Greenfield, K. (under revision). *Impaired artificial grammar learning in agrammatism*.
- Christiansen, M.H. & MacDonald, M.C. (submitted). A usage-based approach to recursion in sentence processing. To appear in a Special Issue of *Language Learning* on “Language is a complex adaptive system”.
- Christiansen, M.H. & Tomblin, J.B. (under revision). *Reappraising language genetics*.
- Conway, C.M., Ellefson, M.R., Dale, R. & Christiansen, M.H. (submitted). Connectionist models of developmental disorders: A critical appraisal. In D.L. Molfese & V.J. Molfese (Eds.), *Handbook of Developmental Neuropsychology*. Mahwah, NJ: Lawrence Erlbaum.
- Ellefson, M.R., Young, M.E., Christiansen, M.H. & Espy, K.A. (under revision). *The utility of structural cues to facilitate student learning of complex information*.
- Emberson, L.L., Conway, C.M. & Christiansen, M.H. (submitted). *Timing is Everything: Modality-Specific Modulation of Implicit Statistical Learning by Perceptual Grouping*.
- Monaghan, P. & Christiansen, M.H. (submitted). *Words in puddles of sound: Modelling psycholinguistic effects in speech segmentation*.
- Onnis, L., Christiansen, M.H., Chater, N. & Gómez, R. (under revision). *Variability is an important ingredient in learning*.
- Onnis, L., Destrebecqz, A., Christiansen, M.H., Chater, N. & Cleeremans, A. (under revision). *Processing nonadjacent dependencies: A graded, associative account*.
- Onnis, L., Ziegler, J.C & Christiansen, M.H. (under revision). Differential impact of sublexical cues in spoken word recognition and segmentation: The role of phoneme probabilities within and between words.
- Poletiek, F., Conway, C.M., Ellefson, M.R. & Christiansen, M.H. (under revision). *Effects of starting small in artificial grammar learning of recursive structure*.
- St. Clair, M. C., Monaghan, P. & Christiansen, M.H. (submitted). *Comparing distributional cues for learning grammatical categories in child directed speech*.
- Van den Bos, E. & Christiansen, M.H. (under revision). *Multiple cues needed for statistical learning of probabilistic nonadjacent dependencies*.

Manuscripts in Preparation

- Christiansen, M.H., Cowie, F., Dale, P., Gruen, J., Misyak, J.B., Müller, R.A. & Tomblin, J.B. (in preparation). *Toward a theory of the genetic basis for language*.
- Christiansen, M.H. & Reeder, P.A. (in preparation). *Cognitive constraints on word order universals: Evidence from connectionist modeling and artificial grammar learning*.
- Farmer, T.A., Christiansen, M.H. & Kemtes, K.A. (in preparation). *Evidence for a language comprehension system driven by experience*.
- Farmer, T.A., Monaghan, P., Misyak, J.B. & Christiansen, M.H. (in preparation). *Phonological typicality influences sentence processing in predictive contexts during normal reading*.

Hsu, H., Tomblin, J.B. & Christiansen, M.H. (in preparation). *Statistical learning of nonadjacent dependencies in adolescents with and without Specific Language Impairment*.

Press Coverage

Work featured in the American Psychological Association's *Monitor on Psychology*: "Psychologists are using computer models to re-evaluate how humans learn their first tongue", March, 2007, by Amy Cynkar.

Write-ups relating to Conway & Christiansen (2006): *Shape Magazine, Scientific American Mind, Self Magazine, Times of India, Cornell Chronicle*.

Write-ups relating to Farmer, Christiansen & Monaghan (2006): *Voice of America's WordMaster, Fox News Website, Seed Magazine, Cornell Chronicle*.

Work featured in *New Scientist*: Provided help, information and feedback for a popular science feature article, "The language bug", written by Ken Grimes, January 18, 2003, pp. 30-33.

Selected Invited Presentations

M.H. Christiansen (2010, June). *Brains, Genes and Language Evolution: A New Synthesis*. Invited lecture at the Third Graduate Summer Institute in Cognitive Science: On the Origin of Language, Cognitive Science Institute, l'Université du Québec à Montréal.

M.H. Christiansen (2010, April). *Brains, Genes and Language Evolution*. Invited plenary to be delivered the 8th Evolution of Language Conference, Utrecht, Netherlands.

M.H. Christiansen (2010, March). *Brains, Genes and Language Evolution*. Invited colloquium to be presented to the Center for Mind, Brain, and Culture, Emory University, Atlanta, GA.

M.H. Christiansen (2009, December). *Language across Multiple Time-Scales: The 2009 Nijmegen Lectures*. Tentative title for three invited lectures to be delivered to the Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands.

M.H. Christiansen (2009, April). *The Sound of Syntax: The Importance of Phonology in Syntactic Acquisition and Processing*. Invited colloquium to be presented to the Center for Cognitive Science, Ohio State University, Columbus, OH.

M.H. Christiansen (2008, November). *A Usage-Based Approach to Recursion*. Invited talk presented at the "Language as a Complex Adaptive System" conference, University of Michigan, Ann Arbor, MI.

M.H. Christiansen (2008, October). *The Sound of Syntax: The Importance of Phonology in Syntactic Acquisition and Processing*. Invited colloquium presented to the Department of Psychology, Queen's University, Kingston, ON.

M.H. Christiansen (2008, May). *Is Memetics a Science? Lessons from Language Evolution*. Invited talk presented at the Symposium on Memory, Social Networks, and Language: Probing the Meme Hypothesis II, Victoria College, University of Toronto, ON.

M.H. Christiansen, C.M. Conway & L. Onnis (2007, November). *Statistical Learning and Language: In Search of Underlying Neural Constraints*. Invited talk presented at a paper symposium on Mechanisms of Cognitive Development: Domain-General Learning or Domain-Specific Constraints at the 47th Annual Meeting of the Psychonomic Society, Long Beach, CA.

M.H. Christiansen (2007, October). *Creating Language across Multiple Time-Scales: Processing, Acquisition and Evolution*. Invited talk presented in a special session on Language and Complexity at the Seventh International Conference on Complex Systems, Boston, MA.

M.H. Christiansen (2007, September). *The Sound of Syntax: The Importance of Phonology in Syntactic Acquisition and Processing*. Invited colloquium presented to the Department of Psychology, University of Memphis, Memphis, TN.

M.H. Christiansen (2007, September). *Creating Language across Multiple Time-Scales: Processing, Acquisition and Evolution*. Invited Cognitive Science Seminar Speaker, University of Memphis, Memphis, TN.

- M.H. Christiansen (2007, June). *Creating Language across Multiple Time-Scales: Processing, Acquisition and Evolution*. Invited colloquium presented to the Department of Developmental and Comparative Psychology, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
- M.H. Christiansen (2007, June). *From Unsegmented Speech to Lexical Categories Using Phoneme Distributions*. Invited speaker presentation to be presented at the workshop on Machine Learning and Cognitive Science of Language Acquisition at University College, London, UK.
- M.H. Christiansen (2007, April). *Sound Advice in Language Acquisition and Processing: The Importance of Phonology in the Acquisition and Processing of Syntax*. Invited colloquium presented to the Department of Linguistics at the University of New Mexico, Albuquerque, NM.
- M.H. Christiansen (2007, March). *Where Are We – And Where Might We Go?* Invited talk at the Continued Study of Language Acquisition and Evolution workshop at the Santa Fe Institute, Santa Fe, NM.
- M.H. Christiansen (2006, October). *Creating Language across Multiple Time-Scales: Processing, Acquisition and Evolution*. Invited talk presented at the NYBUG workshop, NYU, NY.
- M.H. Christiansen (2006, September). *Sound Advice in Language Acquisition and Processing: The Importance of Phonology in the Acquisition and Processing of Syntax*. Invited colloquium presented to the Cognitive Science Program at the University of Arizona, Tucson, AZ.
- M.H. Christiansen (2006, September). *You Are What You Read: The Impact of Experience on Individual Differences in Language Processing*. Invited colloquium presented to the Department of Psychology at the University of Arizona, Tucson, AZ.
- M.H. Christiansen (2006, August). *Sound Advice in Language Acquisition and Processing: The Importance of Phonology in the Acquisition and Processing of Syntax*. Invited colloquium presented at the Santa Fe Institute, Santa Fe, NM.
- M.H. Christiansen (2006, June). *The Evolution of Language and Language Genes*. Invited colloquium presented to the Department of Speech Pathology and Audiology, University of Iowa, Iowa City, IA.
- M.H. Christiansen (2006, March). *The Evolution of Language and Language Genes*. Invited colloquium presented to the Department of Computer Science, National University of Ireland, Maynooth, Ireland.
- M.H. Christiansen (2006, March). *The Importance of Multiple-Cue Integration in Language Acquisition and Processing*. Invited colloquium presented to the Department of Psychology, University of Stirling, Scotland.
- M.H. Christiansen (2005, December). *The Evolution of Languages and Genes*. Invited colloquium presented at the Santa Fe Institute, Santa Fe, NM.
- M.H. Christiansen (2005, September). *You Are What You Read: The Impact of Experience on Individual Differences in Language Processing*. Invited colloquium presented to the Department of Nordic Studies and Linguistics, University of Copenhagen, Denmark.
- M.H. Christiansen (2005, June). *On the Evolution of Languages and Genes*. Invited colloquium presented in the Behavior, Evolution and Culture Speaker Series at the University of California, Los Angeles, CA.
- M.H. Christiansen (2005, March). *Sound Advice in Language Acquisition and Processing: The Importance of Phonology in the Acquisition and Processing of Syntax*. Invited colloquium presented to the Department of Developmental and Comparative Psychology, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
- M.H. Christiansen (2005, March). *A Connectionist Perspective on Constituency and Recursion in Language*. Invited lecture presented at a Workshop on Problems with Symbol Grounding: Dynamical Systems Approaches to Language at the University of Potsdam, Germany.
- M.H. Christiansen (2005, February). *You Are What You Read: The Impact of Experience on Individual Differences in Language Processing*. Invited lecture presented in the Developmental Language Disorders Seminar Series, Department of Speech Pathology and Audiology, University of Iowa, Iowa City, IA.

- M.H. Christiansen (2005, January). *Sound Advice in Language Acquisition: The Importance of Phonology in Syntactic Acquisition*. Invited colloquium presented to the Department of Speech Pathology and Audiology, University of Iowa, Iowa City, IA.
- M.H. Christiansen (2004, October). *The Role of Phonology in the Acquisition and Processing of Syntax*. Invited colloquium presented to the Department of Psychology and the Cognitive Science Program, Lehigh University, Bethlehem, PA.
- M.H. Christiansen (2004, October). *The Role of Phonology in the Acquisition and Processing of Syntax*. Invited colloquium presented to Center for Cognitive Science, SUNY Buffalo, NY.
- M.H. Christiansen (2004, April). *Word Order and Language Learnability: A Connectionist Perspective*. Invited colloquium presented to the Department of General and Applied Linguistics, University of Copenhagen, Denmark.
- M.H. Christiansen (2004, March). *Multiple-Cue Integration in Language Acquisition and Processing*. Invited colloquium presented to the Department of Cognitive and Linguistic Sciences, Brown University, Providence, RI.
- M.H. Christiansen (2004, January). *Learnability and Word Order Universals: A Cognitive Science Perspective*. Invited paper presented at the IGERT Workshop on Cognitive Science of Language: Integrative Approaches at Johns Hopkins University, Baltimore, MD.
- M.H. Christiansen (2003, October). *Multiple-Cue Integration in Language Acquisition, Processing and Evolution*. Invited paper presented at the Workshop on Exploratory Models of Language Acquisition at the Santa Fe Institute, Santa Fe, NM.
- M.H. Christiansen (2003, June). *On the Importance of Multiple-Cue Integration in Language Acquisition*. Invited colloquium presented to the Department of Psychology, University of Warwick, U.K.
- M.H. Christiansen (2003, June). *On the Necessity of Multiple-Cue Integration in Language Acquisition*. Invited colloquium presented to the Department of General and Applied Linguistics, University of Copenhagen, Denmark.
- M.H. Christiansen (2003, April). *Syntactic Bootstrapping through Multiple-Cue Integration*. Invited paper presented at the Workshop on Bootstrapping in Language Acquisition: Psychological, Linguistic and Computational Aspects, Indiana University, Bloomington, IN.
- M.H. Christiansen (2002, August). *Informing Connectionist Psycholinguistics through Corpus Analyses*. Invited paper presented at the Workshop on Distributional Methods in Language Modelling, School of Computer Science, University of Birmingham, U.K.
- M.H. Christiansen (2002, May). *Biological Constraints on Cultural Evolution*. Invited commentary presented at the Perspectives on Imitation Conference, Val d'Oise, France.
- M.H. Christiansen (2002, April). *Integrating Multiple Probabilistic Cues: Going Beyond Distributional Statistics*. Invited paper to be presented at a symposium on New Directions in Statistical Learning at the 2002 International Conference on Infant Studies, Toronto, Canada.
- M.H. Christiansen (2001, July). *Individual Differences in Language Processing: Reconsidering the Role of Experience and Working Memory*. Invited paper presented at the ANC Open House Workshop, Institute for Adaptive and Neural Computation, University of Edinburgh, Scotland.
- M.H. Christiansen (2001, May). *Integrating Distributional, Prosodic and Phonological Information in a Connectionist Model of Language Acquisition*. Invited paper presented at the Language Acquisition and Change Workshop, City University of Hong Kong, Hong Kong.
- M.H. Christiansen (2001, February). *Language Evolution as the Adaptation of Linguistic Structure*. Invited colloquium presented to the Department of Psychology, University of Chicago, IL.
- M.H. Christiansen (2000, September). *Language Evolution as the Adaptation of Linguistic Structure*. Invited Philosophy-Neuroscience-Psychology colloquium presented to the Department of Philosophy, Washington University.
- M.H. Christiansen (2000, January). *Investigating the Constraints on the Emergence of Word Order Universals: Evidence from Connectionist Simulations and Artificial Grammar Learning*. Invited paper presented at the Workshop on Evolutionary Computation and Cognitive Science, Melbourne, Australia.

- M.H. Christiansen (1999, February). *Cognitive Constraints on Word Order Universals: Evidence from Connectionist Modeling and Artificial Grammar Learning*. Invited paper presented to the Department of Psychology, University of Memphis.
- M.H. Christiansen (1998, November). *Individual Differences in Sentence Comprehension: The Importance of Experience*. Invited paper presented to the Department of Psychology, University of California, Riverside.
- M.H. Christiansen (1998, October). *Individual Differences in Sentence Comprehension: The Importance of Experience*. Invited paper presented to the Department of Cognitive Science, University of California, San Diego.
- M.H. Christiansen (1997, December). *Integrating Multiple Information Sources in Language Acquisition*. Invited paper presented at the workshop on Interfacing Models of Language at the 11th Annual Conference on Neural Information Processing Systems, Breckenridge, CO.
- M.H. Christiansen (1997, April). *Improving Learning and Generalization in Neural Networks through the Acquisition of Multiple Related Functions*. Invited paper presented at the 4th Neural Computation and Psychology Workshop, University of London, U.K.
- M.H. Christiansen (1995, March). *Linguistic Generalization in Connectionist Language Learning*. Invited paper presented at Swedish Conference on Connectionism, University of Skövde, Sweden.
- M.H. Christiansen & N. Chater (1993, August). *Symbol Grounding: The Emperor's New Theory of Meaning?* Invited symposium presentation at the 15th Annual Cognitive Science Society Conference, University of Colorado, Boulder.

Conference Presentations

- J.B. Misyak, L.L. Emberson, J.A. Schwade, M.H. Christiansen & M.H. Goldstein (2009, April). *Face-to-Face, Word-for-Word: Comparing Infants' Statistical Learning of Visual and Auditory Sequences*. Poster to be presented at the Biennial Meeting of the Society for Research in Child Development, Denver, CO.
- J.B. Tomblin & M.H. Christiansen (2009, April). *Explanations of Developmental Disorders*. Paper to be presented in a symposium on Explanation and Theory in Developmental Research at the Biennial Meeting of the Society for Research in Child Development, Denver, CO.
- J.B. Tomblin & M.H. Christiansen (2008, November). *FOXP2 Allelic Variation Is Associated with Individual Differences in Sequential Learning and Language*. Paper presented at the 48th Annual Meeting of the Psychonomic Society, Chicago, IL.
- E. Van den Bos & M.H. Christiansen (2008, November). *Statistical Learning of Probabilistic Non-Adjacent Dependencies*. Poster presented at the 48th Annual Meeting of the Psychonomic Society, Chicago, IL.
- M.H. Christiansen, K. Kelsey & J.B. Tomblin (2008, November). *Associations of ASPM Genetic Markers with Language and Non-Verbal Intelligence*. Paper presented at the 33rd Annual Boston University Conference on Language Development, Boston, MA.
- L.A. Heimbauer, R.L. Antworth, M.J. Owren, C.M. Conway, M.H. Christiansen, M.J. Beran (2008, August). *Testing Sequence Learning Abilities in Rhesus Macaques (Macaca Mulatta)*. Poster presented at the XXII Congress of the International Primatology Society, Edinburgh, Scotland.
- M.H. Christiansen & N. Chater (2008, July). *Using On-Line Predictions to Recover from Overgeneralization*. Paper presented at the XI International Congress for the Study of Child Language, Edinburgh, Scotland.
- J.B. Misyak & M.H. Christiansen (2008, July). *Clicking a High-Variability Path to Language Learning: Tracing the Trajectory of Nonadjacent Dependency Learning*. Paper presented at the XI International Congress for the Study of Child Language, Edinburgh, Scotland.
- L.L. Emberson, C.M. Conway & M.H. Christiansen (2008, July). *Timing is Everything: Modality Modulates Effects of Attention in Implicit Statistical Learning*. Poster presented at the 9th International Multisensory Research Forum, Hamburg, Germany.

- J.B. Tomblin, M.H. Christiansen, J. Bjork & J. Murray (2008, June). *Procedural Learning and Language Impairment is Associated with FOXP2 Genetic Markers*. Poster presented at the 29th Symposium on Research in Child Language Disorders, Madison, WI.
- L.L. Emberson, J.B. Misyak, J.A. Schwade, M.H. Christiansen & M.H. Goldstein (2008, March). *Face-to-Face: Visual Statistical Learning with Complex Natural Stimuli*. Poster presented at the XVIth Biennial International Conference on Infant Studies, Vancouver, Canada.
- L.L. Emberson, C.M. Conway & M.H. Christiansen (2007, November). *Timing is Everything: Effects of Attention and Modality on Statistical Learning*. Poster presented at the 47th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- P. Monaghan & M.H. Christiansen (2007, November). *The Advantage of Arbitrariness over Systematicity in Language Learning*. Paper presented at the 47th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- J.B. Tomblin, J. Bjork & M.H. Christiansen (2007, November). *Association of FOXP2 Genetic Markers with Procedural Learning and Language*. Paper presented at the 32nd Annual Boston University Conference on Language Development, Boston, MA.
- J.B. Tomblin, M.H. Christiansen, J.B. Bjork, S.K. Iyengar, & J.C. Murray (2007, October). *Association of FOXP2 Genetic Markers with Procedural Learning and Language*. Poster presented at the 57th Annual Meeting of the American Society of Human Genetics, San Diego, CA.
- M.H. Christiansen, C.M. Conway & L. Onnis (2007, August). *Overlapping Neural Responses to Structural Incongruencies in Language and Statistical Learning Point to Similar Underlying Mechanisms*. Paper presented at the 29th Annual Conference of the Cognitive Science Society, Nashville, TN.
- C.M. Conway, R.L. Goldstone & M.H. Christiansen (2007, August). *Spatial Constraints on Visual Statistical Learning of Multi-Element Scenes*. Paper presented at the 29th Annual Conference of the Cognitive Science Society, Nashville, TN.
- J.B. Misyak & M.H. Christiansen (2007, August). *Extending Statistical Learning Farther and Further: Long-Distance Dependencies, and Individual Differences in Statistical Learning and Language*. Poster presented at the 29th Annual Conference of the Cognitive Science Society, Nashville, TN.
- P. Monaghan & M.H. Christiansen (2007, June). *Words in Puddles of Sound: A Tractable Model of Development in Speech Segmentation*. Paper presented at the workshop on Machine Learning and Cognitive Science of Language Acquisition at University College, London, UK.
- M.H. Christiansen (2006, November). *Statistical Learning: Mechanisms and Limitations*. Organizer's introduction to a paper symposium presented at the 46th Annual Meeting of the Psychonomic Society, Houston, TX.
- Conway, C.M. & M.H. Christiansen (2006, November). *Modality Constraints on Statistical Learning*. Paper presented at the 46th Annual Meeting of the Psychonomic Society, Houston, TX.
- Conway, C.M., Goldstone, R. & M.H. Christiansen (2006, November). *Perceptual Constraints on Visual Statistical Learning of Multielement Scenes*. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Houston, TX.
- Misyak, J.B. & M.H. Christiansen (2006, November). *Individual Differences in Statistical Learning and Language*. Poster presented at the 46th Annual Meeting of the Psychonomic Society, Houston, TX.
- F. Realí & M.H. Christiansen (2006, November). *The Effect of Frequency on the Processing of Pronominal Relative Clauses*. Paper presented at the 46th Annual Meeting of the Psychonomic Society, Houston, TX.
- M.H. Christiansen, S.A. Hockema & L. Onnis (2006, July). *Using Phoneme Distributions to Discover Words and Lexical Categories in Unsegmented Speech*. Paper presented at the 28th Annual Conference of the Cognitive Science Society, Vancouver, Canada.
- P. Monaghan & M.H. Christiansen (2006, July). *Why Form-Meaning Mappings are not Entirely Arbitrary in Language*. Poster presented at the 28th Annual Conference of the Cognitive Science Society, Vancouver, Canada.

- H. Hsu, M.H. Christiansen, J.B. Tomblin, X. Zhang & R.L. Gómez (2006, June). *Statistical Learning of Nonadjacent Dependencies in Adolescents with and without Language Impairment*. Poster presented at the 27th Symposium on Research in Child Language Disorders, Madison, WI.
- M.H. Christiansen, F. Realí & N. Chater (2006, April). *The Baldwin Effect Works for Functional, but Not Arbitrary, Features of Language*. Paper presented at the Sixth International Conference on the Evolution of Language, Rome, Italy.
- D.A. Sternberg & M.H. Christiansen (2006, April). *The Implications of Bilingualism and Multilingualism on Potential Evolved Language Mechanisms*. Paper presented at the Sixth International Conference on the Evolution of Language, Rome, Italy.
- P. Monaghan & M.H. Christiansen (2006, April). *Iconic versus Arbitrary Mappings and the Cultural Transmission of Language*. Paper presented at the Sixth International Conference on the Evolution of Language, Rome, Italy.
- F. Realí & M.H. Christiansen (2006, March). *Distributional Information and Referential Constraints Affect On-line Processing of Pronominal Relative Clauses*. Poster presented at the 19th Annual CUNY Sentence Processing Conference, New York, NY.
- L. Onnis, M.H. Christiansen & S. Hockema (2006, January). *The Secret Is in the Sound: Bootstrapping Linguistic Structure from Phonemes*. Poster presented at Latsis Colloquium of the University of Geneva on Early Language Development and Disorders, Switzerland.
- T.A. Farmer, M.H. Christiansen & K.A. Kemtes (2005, November). *Experience Provides Sound Advice: Individual Differences in Experience Explain Differential Cue-Use in Language Comprehension*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Toronto, Canada
- M.H. Christiansen & L. Onnis (2005, November). *Cues to Lexical Categories at the Edge of the Word*. Paper presented at the 35th annual meeting of the Society for Computers in Psychology, Toronto, Canada.
- T.A. Farmer, M.H. Christiansen & K.A. Kemtes (2005, September). *The "EX" Factor: The Nature of Individual Differences in Sentence Processing*. Poster presented at the Annual Conference on Architectures and Mechanisms for Language Processing, Ghent, Belgium.
- L. Onnis, T.A. Farmer, M. Baroni, M. Spivey & M.H. Christiansen (2005, September). *Native Speakers Capitalize on Semantic Valence Tendencies to Boost Fluent Comprehension: Experimental and Computational Evidence*. Poster presented at the Annual Conference on Architectures and Mechanisms for Language Processing, Ghent, Belgium.
- F. Realí & M.H. Christiansen (2005, September). *Word-Chunk Frequency Affects Processing of Object and Subject Relative Clauses*. Poster presented at the Annual Conference on Architectures and Mechanisms for Language Processing, Ghent, Belgium.
- A. Cleeremans, L. Onnis, A. Destrebecqz, M.H. Christiansen & N. Chater (2005, September). *Processing Disjoint Contingencies: A Graded Associative Account*. Paper presented at the XIVth Conference of the European Society for Cognitive Psychology, Leiden, The Netherlands.
- P. Monaghan, L. Onnis, M.H. Christiansen & N. Chater (2005, September). *Progressing from Local to Distant Structure in Speech Processing*. Paper presented at the XIVth Conference of the European Society for Cognitive Psychology, Leiden, The Netherlands.
- C.M. Conway & M.H. Christiansen (2005, July). *Statistical Learning within and across Modalities: Abstract versus Stimulus-Specific Representations*. Paper presented at the 27th Annual Conference of the Cognitive Science Society, Stresa, Italy.
- L. Onnis & M.H. Christiansen (2005, July). *Happy Endings for Absolute Beginners: Psychological Plausibility in Computational Models of Language Acquisition*. Paper presented at the 27th Annual Conference of the Cognitive Science Society, Stresa, Italy.
- T.A. Farmer, M.H. Christiansen & K.A. Kemtes (2005, July). *Sentence Processing in Context: The Impact of Experience on Individual Differences*. Poster presented at the 27th Annual Conference of the Cognitive Science Society, Stresa, Italy.

- F. Reali, R. Dale & M.H. Christiansen (2005, July). *Colorless Green Ideas Sleep Furiously Revisited: A Statistical Perspective*. Poster presented at the 27th Annual Conference of the Cognitive Science Society, Stresa, Italy.
- J.S. Snyder, E.E. Hannon, E.W. Large & M.H. Christiansen (2005, July), *Synchronization and Continuation Tapping to Complex Meters*. Paper presented at the 10th Rhythm Perception and Production Workshop, Bilzen, Belgium.
- M.H. Christiansen & L. Onnis (2005, April). *Psychological Plausibility and Computational Language Acquisition Models: The Importance of Simplicity and Multiple-Cue Integration*. Paper presented in a symposium on Core Computational Principles of Language Acquisition at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.
- S.A. Fitneva, S.J. Tobiah, M.H. Christiansen & P. Monaghan (2005, April). *Variation in Children's Use of Phonology to Infer Grammatical Categories*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.
- T.A. Farmer, M.H. Christiansen & P. Monaghan (2005, March). *Experience Provides Sound Advice: Individual Differences in the Effect of Phonological Typicality on Sentence Processing*. Poster presented at the 18th Annual CUNY Sentence Processing Conference, Tucson, AZ.
- T.A. Farmer, M.H. Christiansen & R.F. West (2005, March). *The "EX" Factor: The Nature of Individual Differences in Sentence Processing*. Poster presented at the 18th Annual CUNY Sentence Processing Conference, Tucson, AZ.
- T.A. Farmer, K.A. Kemtes & M.H. Christiansen (2005, March). *Sensitivity Comes from Age and Experience: Age and Span Effects on the Ability to Utilize Contextual Information*. Poster presented at the 18th Annual CUNY Sentence Processing Conference, Tucson, AZ.
- F. Reali & M.H. Christiansen (2005, March). *Word-Chunk Frequency Affects the Processing of Relative Clauses*. Poster presented at the 18th Annual CUNY Sentence Processing Conference, Tucson, AZ.
- C.M. Conway & M.H. Christiansen (2004, November). *Modality-Specific Sub-Systems for Statistical Learning*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- K.A. Kemtes, T.A. Farmer & M.H. Christiansen (2004, November). *Discourse Context Helps Young and Older Readers Avoid the Garden Path*. Paper presented at the 45th Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- L. Onnis, M.H. Christiansen, P. Monaghan & N. Chater (2004, November). *The Importance of Variety in Language Acquisition: Segmentation and Generalization in Artificial Language Learning*. Poster presented at the 29th Annual Boston University Conference on Language Development, Boston, MA.
- M.H. Christiansen, L. Onnis, P. Monaghan & N. Chater (2004, September). *Happy Endings in Language Acquisition: Discovering Lexical Categories Using Word Endings*. Poster presented at the Annual Conference on Architectures and Mechanisms for Language Processing, Aix en Provence, France.
- T.A. Farmer, M.H. Christiansen & P. Monaghan (2004, September). *Sound Advice in Language Comprehension: The Influence of Phonological Typicality on On-line Sentence Processing*. Paper presented at the Annual Conference on Architectures and Mechanisms for Language Processing, Aix en Provence, France.
- P. Monaghan, M.H. Christiansen & N. Chater (2004, September). *How Language-Specific Is Language-Acquisition? A Cross-Linguistic Analysis of Cues for Syntactic Categorisation*. Poster presented at the Annual Conference on Architectures and Mechanisms for Language Processing, Aix en Provence, France.
- R. Dale & M.H. Christiansen (2004, August). *Active and Passive Statistical Learning: Exploring the Role of Feedback in Artificial Grammar Learning and Language*. Poster presented at the 26th Annual Conference of the Cognitive Science Society, Chicago, IL.
- P. Monaghan & M.H. Christiansen (2004, August). *What Distributional Information Is Useful and Usable for Language Acquisition?* Paper presented at the 26th Annual Conference of the Cognitive Science Society, Chicago, IL.

- L. Onnis, P. Monaghan, M.H. Christiansen & N. Chater (2004, August). *Variability Is the Spice of Learning, and a Crucial Ingredient for Detecting and Generalizing in Nonadjacent Dependencies*. Paper presented at the 26th Annual Conference of the Cognitive Science Society, Chicago, IL.
- F. Realí & M.H. Christiansen (2004, August). *Structure Dependence in Language Acquisition: Uncovering the Richness of the Stimulus*. Paper presented at the 26th Annual Conference of the Cognitive Science Society, Chicago, IL.
- P. Monaghan, L. Onnis, M.H. Christiansen & N. Chater (2004, June). *The Importance of Variety in Language Acquisition: Segmentation and Generalisation in Artificial Language Learning*. Paper presented at the Experimental Psychology Society Meeting, Lancaster, U.K.
- N. Chater, M.H. Christiansen & F. Realí (2004, April). *Is Coevolution of Language and Language Genes Possible?* Paper presented at the Fifth International Conference on the Evolution of Language, Leipzig, Germany.
- M.H. Christiansen (2004, April). *The Necessity of Innate Constraints on Cultural Transmission in Theories of Language Evolution*. Paper presented at the Fifth International Conference on the Evolution of Language, Leipzig, Germany.
- F. Realí & M.H. Christiansen (2004, April). *The Relative Role of Biological and Linguistic Adaptation in Language Evolution: A Computational Approach*. Paper presented at the Fifth International Conference on the Evolution of Language, Leipzig, Germany.
- T.A. Farmer, M.H. Christiansen & P. Monaghan (2004, March). *Phonological Typicality Affects Sentence Processing*. Poster presented at the 17th Annual CUNY Conference on Human Sentence Processing, College Park, MD.
- M.H. Christiansen, P. Monaghan & N. Chater (2003, November). *Phonological Typicality Affects Lexical Processing*. Paper presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, BC.
- C.M. Conway, M.R. Ellefson & M.H. Christiansen (2003, November). *Starting Small in Visual and Auditory Domains: Differential Effects of Staged Input*. Poster presented at the 44th Annual Meeting of the Psychonomic Society, Vancouver, BC.
- M.H. Christiansen, F. Realí, P. Monaghan & N. Chater (October, 2003). *Language Acquisition through Multiple-Cue Integration: Differential Contributions of Phonological and Distributional Cues*. Paper presented at the 28th Annual Boston University Conference on Language Development, Boston, MA.
- F. Realí & M.H. Christiansen (October, 2003). *Reappraising Poverty of Stimulus Argument: A Corpus Analysis Approach*. Poster presented at the 28th Annual Boston University Conference on Language Development, Boston, MA.
- P. Monaghan, N. Chater & M.H. Christiansen (September, 2003). *The Differential Roles of Phonological and Contextual Cues in Language Acquisition*. Paper presented at the 13th conference of the European Society for Cognitive Psychology, Granada, Spain.
- M.H. Christiansen, F. Realí, P. Monaghan & N. Chater (August, 2003). *Multiple-Cue Integration in Language Acquisition: The Differential Contribution of Phonological and Distributional Cues*. Paper presented at the Annual Conference on Architectures and Mechanisms for Language Processing, Glasgow, U.K.
- P. Monaghan, N. Chater & M.H. Christiansen (August, 2003). *Phonological Typicality and Lexical Processing*. Poster presented at the Annual Conference on Architectures and Mechanisms for Language Processing, Glasgow, U.K.
- C.M. Conway, M.R. Ellefson & M.H. Christiansen (August, 2003). *When Less is Less and When Less is More: Starting Small with Staged Input*. Paper presented at the 25th Annual Conference of the Cognitive Science Society, Boston, MA.
- P. Monaghan, N. Chater & M.H. Christiansen (August, 2003). *Inequality between the classes: Phonological and distributional typicality as predictors of lexical processing*. Poster presented at the 25th Annual Conference of the Cognitive Science Society, Boston, MA.

- L. Onnis, M.H. Christiansen, N. Chater & R.L. Gómez (August, 2003). *Reduction of Uncertainty in Human Sequential Learning: Evidence from Artificial Grammar Learning*. Paper presented at the 25th Annual Conference of the Cognitive Science Society, Boston, MA.
- F. Realí, M.H. Christiansen & P. Monaghan (August, 2003). *Phonological and Distributional Cues in Syntax Acquisition: Scaling Up the Connectionist Approach to Multiple-Cue Integration*. Paper presented at the 25th Annual Conference of the Cognitive Science Society, Boston, MA.
- M.H. Christiansen (2003, May). *Using Computational Linguistics to Inform Connectionist Psycholinguistics*. Paper presented at the 14th Nordic Conference on Computational Linguistics, Reykjavík, Iceland.
- M.R. Ellefson, M.E. Young & M.H. Christiansen (2003, April). *The Relative Benefit of Cues for Middle School Students in a Sequential Learning Task: Educational Implications*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.
- M.H. Christiansen, P. Monaghan, S.A. Fitneva & N. Chater (2003, March). *The Importance of Multiple Phonological Cues in Grammatical Category Assignment*. Poster presented at the 16th Annual CUNY Conference on Human Sentence Processing, Boston, MA.
- J. Wells, M.C. MacDonald & M.H. Christiansen (2003, March). *Object vs. Subject Relative Processing: The Differential Effects of Experience*. Poster presented at the 16th Annual CUNY Conference on Human Sentence Processing, Boston, MA.
- P. Monaghan, N. Chater & M.H. Christiansen (February, 2003). *Multiple-Cue Integration in Language Acquisition*. Paper presented at the German Linguistics Society Conference, Munich, Germany.
- C.M. Conway & M.H. Christiansen (2002, November). *Modality Constrained Statistical Learning of Spatial, Spatiotemporal, and Temporal Input*. Poster presented at the 43rd Annual Meeting of the Psychonomic Society, Kansas City, KS.
- C.M. Conway & M.H. Christiansen (2002, August). *Sequential Learning through Touch, Vision and Audition*. Paper presented at the 24th Annual Conference of the Cognitive Science Society, Fairfax, VA.
- G. Lupyán & M.H. Christiansen (2002, August). *Case, Word Order and Language Learnability: Insights from Connectionist Modeling*. Paper presented at the 24th Annual Conference of the Cognitive Science Society, Fairfax, VA.
- M.H. Christiansen & C.M. Conway (2002, March). *The Importance of Hierarchical Learning: A Computational Study of Sequential Learning in Human and Non-Human Primates*. Paper presented at the Fourth International Conference on the Evolution of Language, Boston, MA.
- R. Dale & M.H. Christiansen (2002, March). *Multiple-Cue Integration and The Evolution of Languages*. Paper presented at the Fourth International Conference on the Evolution of Language, Boston, MA.
- G. Lupyán & M.H. Christiansen (2002, March). *The Case of Cases and Word Order: The Role of Syntactic Cues in the Evolution and Acquisition of Language*. Paper presented at the Fourth International Conference on the Evolution of Language, Boston, MA.
- R. Dale & M.H. Christiansen (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, New York City, NY.
- M.H. Christiansen & R. Dale (2001, November). *Integrating Distributional, Prosodic, and Phonological Information in Syntax Acquisition: A Connectionist Model*. Paper presented at the 26th Annual Boston University Conference on Language Development, Boston, MA.
- C.M. Conway & M.H. Christiansen (2001, November). *Tactile and Visual Sequential Learning*. Poster presented at the 42nd Annual Meeting of the Psychonomic Society, Orlando, FL.
- M.H. Christiansen & R. Dale (2001, August). *Integrating distributional, prosodic and phonological information in a connectionist model of language acquisition*. Paper presented at the 23rd Annual Conference of the Cognitive Science Society, Edinburgh, Scotland.

- M.H. Christiansen & R. Dale (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 Fourteenth Annual CUNY Conference on Human Sentence Processing, University of Pennsylvania, Philadelphia, PA.
- M.H. Christiansen, C.M. Conway & S. Curtin (2000, August). *A Connectionist Single-Mechanism Account of Rule-Like Behavior in Infancy*. Paper presented at the 22nd Annual Conference of the Cognitive Science Society, Philadelphia, PA.
- M.H. Christiansen (2000, April). *Using Artificial Language Learning to Study Language Evolution: Exploring the Emergence of Word Order Universals*. Paper presented at the 3rd Conference on the Evolution of Language, Paris, France.
- M.R. Ellefson & M.H. Christiansen (2000, April). *The Evolution of Subjacency without Universal Grammar: Evidence from Artificial Language Learning*. Paper presented at the 3rd Conference on the Evolution of Language, Paris, France.
- M.H. Christiansen (2000, January). *The Power of Statistical Learning in Infancy: No Need for Rules*. Paper presented at the Fifth Bi-Annual Australian Cognitive Science Conference, Melbourne, Australia.
- M.H. Christiansen & S. Curtin, (1999, August). *The Power of Statistical Learning: No Need for Algebraic Rules*. Paper presented at the 21st Annual Conference of the Cognitive Science Society, Vancouver, Canada.
- M.H. Christiansen & M.C. MacDonald (1998, March). *Individual Differences in Sentence Comprehension: The Importance of Experience*. Paper presented at the Eleventh Annual CUNY Conference on Human Sentence Processing, Rutgers University, NY.
- M.H. Christiansen & J.T. Devlin (1997, August). *Recursive Inconsistencies Are Hard to Learn: A Connectionist Perspective on Universal Word Order Correlations*. Paper presented at the 19th Annual Cognitive Science Society Conference, Stanford University, CA.
- J. Allen & M.H. Christiansen (1996, August). *Integrating multiple Cues in Word Segmentation: A Connectionist Model Using Hints*. Paper presented at the 18th Annual Cognitive Science Society Conference, University of California, San Diego, CA.
- M.H. Christiansen (1996, March). *Recursive Sentence Structure in Connectionist Networks*. Paper presented at the 9th Annual CUNY Conference on Human Sentence Processing, CUNY, NY.
- H. Morrison & M.H. Christiansen (1995, April). *Reconsidering Domain-General Language Learning*. Paper presented at the Midwest Artificial Intelligence and Cognitive Science Society Conference, Southern Illinois University, Carbondale, IL.
- M.H. Christiansen (1992, August). *The (Non) Necessity of Recursion in Natural Language Processing*. Paper presented at the 14th Annual Cognitive Science Society Conference, Indiana University, Bloomington.

Editorial/Reviewing Activities

Ad hoc Reviewer: *Behavioral & Brain Sciences, Cambridge University Press, Canadian Journal of Psychology, Cognition, Cognitive Psychology, Cognitive Science, Cognitive Science Society, Developmental Psychology, John Wiley and Sons, Journal of Child Language, Journal of Experimental Psychology: Learning, Memory & Cognition, Journal of Memory and Language, Language and Cognitive Processes, Language Learning and Development, MacArthur Foundation, Machine Learning, Mind and Language, NSF, Oxford University Press, Philosophical Psychology, Psychological Review, Psychological Science, Psychonomic Bulletin and Review, Science, Trends in Cognitive Sciences, UK Economic and Social Research Council.*

2009: Member of the Program Committee for the 31th Annual Conference of the Cognitive Science Society.

2008: Member of the Program Committee for the 30th Annual Conference of the Cognitive Science Society.

- 2004-2008: Editor of a book, *Language universals*, for Oxford University Press (with C. Collins and S. Edelman).
- 2007: Member of the Conference Review Committee for the 7th International Conference on the Evolution of Language.
- 2007: Member of the Program Committee for the 29th Annual Conference of the Cognitive Science Society.
- 2006: Member of the Program Committee for the 28th Annual Conference of the Cognitive Science Society.
- 2005: Member of the Conference Review Committee for the 6th International Conference on the Evolution of Language.
- 2005: Member of the Program Committee for the 27th Annual Conference of the Cognitive Science Society.
- 2004: Member of the Program Committee for the 26th Annual Conference of the Cognitive Science Society.
- 2004: Member of the Program Committee for the COLING-2004 Workshop: Psycho-Computational Models of Human Language Acquisition.
- 2003: Member of the Conference Review Committee for the 5th International Conference on the Evolution of Language.
- 2003: Member of the Conference Review Committee for the 17th Annual CUNY Conference on Human Sentence Processing.
- 2003: Reviewer of a Chateaubriand Fellowship application for the French Consulate in Houston, TX - Science and Technology Division.
- 2000-2003: Editor of a book, *Language evolution*, for Oxford University Press (with S. Kirby).
- 2001: Member of the Conference Review Committee for the 4th International Conference on the Evolution of Language.
- 2001: Member of the Conference Review Committee for the 15th Annual CUNY Conference on Human Sentence Processing.
- 2001/2: Reviewer of research grant proposal for Human Frontiers Science Program.
- 2000: Member of the Conference Review Committee for the 14th Annual CUNY Conference on Human Sentence Processing.
- 1999-2001: Editor of a book, *Connectionist psycholinguistics*, for Ablex (with N. Chater).
- 1997-98: Guest editor of a special issue of *Cognitive Science* on "Connectionist models of human language processing: Progress and prospects" (with N. Chater and M.S. Seidenberg).
- 1996: Member of the Program Committee for the 10th Annual CUNY Conference on Human Sentence Processing.

Service

- 2009: Co-organizer and chair of a paper symposium on *Explanation and Theory in Developmental Research* at the Biennial Meeting of the Society for Research in Child Development, Denver, CO.
- 2009: Co-organizer of a two-day 7-participant workshop meeting on *Models of Innovation and Propagation in Language Change* at the Santa Fe Institute, NM.
- 2009: Member of a 3-person External Review Committee to evaluate the Linguistics Program at Emory University, Atlanta, GA.
- 2008: Co-organizer of a three-day 27-participant workshop meeting on *Building Integrative Models of Linguistic Change* held at the Santa Fe Institute, NM. Funds awarded for the workshop from SFI: \$35,425.
- 2007: Organizer of a two-day 7-participant working group meeting on *Language and Genes* at the Santa Fe Institute, NM. Funds awarded for the workshop from SFI: \$7,500.
- 2006: Organizer and chair of a paper symposium on *Statistical Learning: Mechanisms and Limitations* presented at the 46th Annual Meeting of the Psychonomic Society, Houston, TX.

2003-2006: Colloquium organizer, Department of Psychology, Cornell University.

2003-2004: Co-organizer of a Cognitive Studies Symposium on *Language Universals*, Cornell University
(<http://kybele.psych.cornell.edu/LU/>)

2003-2004: Member of the Developmental Psychology Faculty Search Committee, Department of Psychology, Cornell University.

2002-present: Member of the Cognitive Studies Steering Committee, Cornell University.

2002: Organizer of a Cognitive Studies Symposium on *Statistical Learning across Cognition*, Cornell University (<http://csl.psych.cornell.edu/stat-learn/>)

1999-2001: Director of the Brain and Cognitive Sciences Graduate Program, Department of Psychology, Southern Illinois University.

1999-2001: Web master for the Brain and Cognitive Sciences web site, Department of Psychology, Southern Illinois University (<http://www.siu.edu/~psycho/bcs>).

1999-2000: Member of the Graduate Admission Committee, Department of Psychology, Southern Illinois University.

1999-2000: Member of Brain and Cognitive Sciences Faculty Search Committee, Department of Psychology, Southern Illinois University.

1999 (Spring): Developed a new graduate program in Brain and Cognitive Sciences, Department of Psychology, Southern Illinois University.

1993-95: Member of the Philosophy, Neuroscience & Psychology Program Steering Committee, Washington University.

1993-95: Editor of a monthly newsletter distributed by the Philosophy, Neuroscience & Psychology Program, Washington University.

Professional Affiliations

American Association for the Advancement of Science, American Psychological Association, Association for Psychological Science, American Society of Human Genetics, Cognitive Science Society, International Association for the Study of Child Language, European Society for Cognitive Psychology, Psychonomic Society, Society for Research in Child Development.

Outreach

2007: Wrote an “Ask a Scientist” answer, *Humans’ Language Is Created over Course of 3 Time-Scales*, that appeared in the *Ithaca Journal*, March 7, 2007.

2004-2005: I hosted a student, Riana Betzler, from Fox Lane High School in Bedford, NY, in July – August 2004 and July 2005, in my lab in order for her to get exposure to psycholinguistic research. At her school, she has been running several statistical learning experiments for which I served as the scientific supervisor. Riana is now an undergraduate student at Yale University.