

## MORTEN H. CHRISTIANSEN

Department of Psychology  
Cornell University  
228 Uris Hall  
Ithaca, NY 14853

Phone: (607) 255-3834 (dept)  
Fax: (607) 255-8433  
Email: [christiansen@cornell.edu](mailto:christiansen@cornell.edu)

Lab web site: <http://cnl.psych.cornell.edu>

### 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

- 2015-present Professor of Child Language, Interacting Minds Centre and School of Communication and Culture, Aarhus University, Denmark.  
2013-present Senior Scientist, Haskins Laboratories, New Haven, CT.  
2010-present Professor, Department of Psychology, Cornell University, Ithaca, NY.  
2014-2016 Professor, Department of Language and Communication, University of Southern Denmark, Odense, Denmark.  
2008-2014 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.  
2006-2010 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, USC, Los Angeles, CA.  
1993-1995 McDonnell Postdoctoral Fellow, Philosophy, Neuroscience and Psychology Program, Washington University, St. Louis, MO.

### Research Visits

- 2010/11 3-week visits at the Max Planck Institute for Psycholinguistics, Nijmegen, the Netherlands.  
2009 6-week visit at the Max Planck Institute for Psycholinguistics, Nijmegen, the Netherlands.  
2007 9-week sabbatical visit in the Department of Developmental and Comparative Psychology at the Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.  
2006-2007 9-month sabbatical visit at the Santa Fe Institute, NM.

### Professional Experience

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

### Research Interests

Evolution, Acquisition and Processing of Language; Chunking, Learning and Memory; Statistical Learning; Computational Models of Language; Corpus Analyses; Cognitive Science of Language; Neuroimaging of Language; Genetics of Language.

### Google Scholar Impact Statistics

*Overall Citation Count:* 11,869

*h-index:* 55

*i10-index:* 128

### Honors, Awards, and Lectures

- 2017 Inaugural keynote speaker at the Edinburgh Lectures in Language Evolution, Centre for Language Evolution, University of Edinburgh, Scotland.
- 2016 Keynote speaker at a conference on Parental Involvement in Language Development from 0-6, organized by the Danish Ministry for Children, Education and Gender Equality, Nyborg, Denmark.
- 2016 Keynote speaker at the conference on First vs. Second Language Learning: From Neurobiology to Cognition conference, Hebrew University of Jerusalem, Israel.
- 2016 Keynote speaker at the Fifth Implicit Learning Seminar, Lancaster University, U.K.
- 2015 Keynote speaker at the International Conference on Statistical Learning at the Basque Center on Cognition, Brain and Language, San Sebastián, Spain.
- 2014 Plenary speaker at the 2014 International Congress for the Study of Child Language, Amsterdam, the Netherlands.
- 2014 Keynote speaker at CoNLL-2014: the 18th Conference on Computational Natural Language Learning, Baltimore, MD.
- 2013 Cognitive Psychology Section Award from the British Psychological Society for the Monaghan, Fitneva & Christiansen (2011) *Journal of Experimental Psychology: General* paper.
- 2013 Keynote speaker at the 2013 European Conference on Complex Systems (ECCS'13), Barcelona, Spain.
- 2012 Keynote speaker at the 2012 Conference for Evolutionary Linguistics, Peking University, China.
- 2012 Visiting Professor at the University of Hong Kong.
- 2010 *Ida Cordelia Beam Distinguished Visiting Professor*, University of Iowa, IA.
- 2010 Keynote speaker at the 16th Architectures and Mechanisms for Language Processing (AMLaP), York, UK
- 2010 Plenary speaker at the 8th Evolution of Language Conference, Utrecht, the Netherlands.
- 2009 *Nijmegen Lectures*, Max Planck Institute for Psycholinguistics, the Netherlands.
- 2009 Elected *Fellow of the Association for Psychological Science*.
- 2006 Charles A. Ryskamp Research Fellow, 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.

### Editorial Activities

- 2016-2017: Guest editor of a special issue of *Philosophical Transactions of the Royal Society B* on "New Frontiers for Statistical Learning in the Cognitive Sciences" (with Blair Armstrong and Ram Frost).
- 2015-present: Guest editor of a special issue of *Topics in Cognitive Science* on "More than Words: The Role of Multiword Sequences in Language Learning and Use" (with Inbal Arnon).
- 2010-present: Associate Editor of *Language Dynamics and Change*.
- 2010-present: Associate Editor of *Frontiers in Language Sciences*.

2009-present: Member of the Editorial Board for the *Trends in Language Acquisition Research* book series published by John Benjamins.

2012-2013: Editor of a book, *Cultural evolution*, for MIT Press (with P.J. Richerson).

2004-2008: Editor of a book, *Language universals*, for Oxford University Press (with C. Collins and S. Edelman).

2000-2003: Editor of a book, *Language evolution*, for Oxford University Press (with S. Kirby).

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).

### Grant Support

- 2014-19 Lieven, E. (Director) et al. *The International Centre for Language and Communicative Development* (International Partner Investigator). Economic and Social Research Council, UK.
- 2014-21 Evans, N. (Director) et al. *Centre of Excellence for the Dynamics of Language* (International Partner Investigator). Australian Research Council.
- 2013-17 Braze, D. (PI), Christiansen, M.H. (co-Investigator), Johns, C., Katz, L., Mencl, E., Sibley, D., Tabor, W., Magnuson, J. *Individual Differences in Learning Potential for Language and Literacy*. National Institute of Child Health and Human Development.
- 2012-16 Arnon, I. (PI), Christiansen, M.H. (PI) *Starting Big: The Differential Role of Multiword Chunks in First and Second Language Learning*. Binational Science Foundation.
- 2016 Fusaroli, R. (PI), Christiansen, M.H., Tylén, K., Roepstorff, A., Dingemanse, M. Steensig, J. *Sound Structure, Compensatory Mechanisms, and Understanding in Dialogue*. Seed funding from Interacting Minds Centre, Aarhus University.
- 2009 Christiansen, M.H., Hruschka, D. *Models of Innovation and Propagation in Language Change*. SFI grant for a two-day 9-participant workshop at the Santa Fe Institute, NM.
- 2008 Hruschka, D., Christiansen, M.H., Lansing, S. *Building Integrative Models of Linguistic Change*. SFI grant for a three-day 27-participant workshop at the Santa Fe Institute, NM.
- 2006-2008 Onnis, L. (PI), Christiansen, M.H. (co-PI), Spivey, M.J. *Semantic Valence Tendencies in Monolingual and Bilingual Sentence Comprehension*. National Institute for Child Health and Human Development.
- 2007 Christiansen, M.H. *Language and Genes*. SFI grant for a two-day 7-participant workshop at the Santa Fe Institute, NM.
- 2006-2007 Christiansen, M.H. *Charles A. Ryskamp Research Fellowship*, American Council of Learned Societies (for sabbatical leave).
- 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.
- 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.
- 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 Cognitive.

### Publications

#### Journal Publications

Arnon, I. & Christiansen, M.H. (in press). The role of multiword building blocks in explaining L1-L2 differences. *Topics in Cognitive Science*.

- Christiansen, M.H. & Arnon, I. (accepted, pending revision). More than words: the role of multiword sequences in language learning and use. *Topics in Cognitive Science*.
- McCauley, S.M. & Christiansen, M.H. (in press). Computational investigations of multiword chunks in language learning. *Topics in Cognitive Science*.
- Armstrong, B.C., Frost, R. & Christiansen, M.H. (2017). The long road of statistical learning research: Past, present and future. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 372, 20160047.
- Arnon, I., McCauley, S.M. & Christiansen, M.H. (2017). Digging up the building blocks of language: Age-of-acquisition effects for multiword phrases. *Journal of Memory and Language*, 92, 265-280.
- Cornish, H., Dale, R., Kirby, S. & Christiansen, M.H. (2017). Sequence memory constraints give rise to language-like structure through iterated learning. *PLoS ONE* 12(1): e0168532.
- Farmer, T.A., Fine, A.B., Misyak, J.B. & Christiansen, M.H. (2017). The inter-relationship between reading span task performance, linguistic experience, and the processing of unexpected syntactic events. *Quarterly Journal of Experimental Psychology*, 70, 413-433.
- Fitneva, S.A. & Christiansen, M.H. (2017). Developmental changes in cross-situational word learning: The inverse effect of initial accuracy. *Cognitive Science*, 41 (Suppl.), 141-161.
- Siegelman, N., Bogaerts, L., Christiansen, M.H. & Frost, R. (2017). Towards a theory of individual differences in statistical learning. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 372, 20160059.
- Blasi, D. E., Wichmann, S., Hammarström, H., Stadler, P. F. & Christiansen, M. H. (2016). Sound-meaning association biases evidenced across thousands of languages. *Proceedings of the National Academy of Sciences*, 113, 10818-10823.
- Chater, N. & Christiansen, M.H. (2016). Squeezing through the Now-or-Never bottleneck: Reconnecting language processing, acquisition, change and structure. *Behavioral & Brain Sciences*, 39, e62. [Response to commentaries: pp. 46-58]
- Chater, N., McCauley, S.M. & Christiansen, M.H. (2016). Language as skill: Intertwining comprehension and production. *Journal of Memory and Language*, 89, 244-254.
- Christiansen, M.H. & Chater, N. (2016). The Now-or-Never bottleneck: A fundamental constraint on language. *Behavioral & Brain Sciences*, 39, e62. [target article: pp. 1-19]
- Christiansen, M.H. & Monaghan, P. (2016). Division of labor in vocabulary structure: Insights from corpus analyses. *Topics in Cognitive Science*, 8, 610–624.
- Dediu, D. & Christiansen, M.H. (2016). Language evolution: Constraints and opportunities from modern genetics. *Topics in Cognitive Science*, 8, 361–370.
- Grouchy, P.E., D’Eleuterio, G.M.T, Christiansen, M.H. & Lipson, H. (2016). On the evolutionary origin of symbolic communication. *Scientific Reports*, 6, 34615.
- Mueller, K.L., Murray, J.C., Michaelson, J.J., Christiansen, M.H., Reilly, S. & Tomblin, J.B. (2016). Common genetic variants in *FOXP2* are not associated with individual differences in language development. *PLoS ONE* 11(4): e0152576.
- Vuong, L.C., Meyer, A.S. & Christiansen, M.H. (2016). Concurrent learning of adjacent and nonadjacent dependencies. *Language Learning*, 66, 8-30.
- Weber, K., Christiansen, M.H., Petersson, K., Indefrey, P. & Hagoort, P. (2016). fMRI syntactic and lexical repetition effects reveal the initial stages of learning a new language. *Journal of Neuroscience*, 36, 6872-6880.
- Caldwell-Harris, C., Ladd, R., Dediu, D., Biller, A. & Christiansen, M.H. (2015). Factors influencing sensitivity to lexical tone in an artificial language: Implications for L2 learning. *Studies in Second Language Acquisition*, 37, 335-357.
- Christiansen, M.H. & Chater, N. (2015). The language faculty that wasn’t: A usage-based account of natural language recursion. *Frontiers in Psychology*, 6, 1182. doi: 10.3389/fpsyg.2015.01182.
- Dingemans, M., Blasi, D., Lupyan, G., Christiansen, M.H. & Monaghan, P. (2015). Arbitrariness, iconicity and systematicity in language. *Trends in Cognitive Sciences*, 19, 603-615.

- Frost, R., Armstrong, B.C., Siegelman, N. & Christiansen, M.H. (2015). Domain generality vs. modality specificity: The paradox of statistical learning. *Trends in Cognitive Sciences*, 19, 117-125.
- Hsu, H.J., Tomblin, J.B. & Christiansen, M.H. (2014). Impaired statistical learning of non-adjacent dependencies in adolescents with specific language impairment. *Frontiers in Psychology*, 5, 175. doi: 10.3389/fpsyg.2014.00175.
- McCauley, S.M. & Christiansen, M.H. (2014). Acquiring formulaic language: A computational model. *Mental Lexicon*, 9, 419-436.
- McCauley, S.M. & Christiansen, M.H. (2014). Prospects for usage-based computational models of grammatical development: Argument structure and semantic roles. *Wiley Interdisciplinary Reviews: Cognitive Science*, 5, 489-499.
- Mitchel, A.D., Christiansen, M.H. & Weiss, D.J. (2014). Multimodal integration in statistical learning: Evidence from the McGurk illusion. *Frontiers in Psychology*, 5, 407. doi: 10.3389/fpsyg.2014.00407.
- Monaghan, P., Shillcock, R.C., Christiansen, M.H. & Kirby, S. (2014). How arbitrary is language? *Philosophical Transactions of the Royal Society B: Biological Sciences*, 369, 20130299.
- Baronchelli, A., Chater, N., Christiansen, M.H. & Pastor-Satorras, R. (2013). Evolution in a changing environment. *PLoS ONE*, 8(1): e52742.
- Baronchelli, A., Ferrer-i-Cancho, R., Pastor-Satorras, R., Chater, N. & Christiansen, M.H. (2013). Networks in cognitive science. *Trends in Cognitive Sciences*, 17, 348-360.
- McCauley, S.M. & Christiansen, M.H. (2013). Towards a unified account of comprehension and production in language development. *Behavioral & Brain Sciences*, 36, 38-39.
- Baronchelli, A., Chater, N., Pastor-Satorras, R. & Christiansen, M.H. (2012). The biological origin of linguistic diversity. *PLoS ONE*, 7(10): e48029.
- Christiansen, M.H., Conway, C.M. & Onnis, L. (2012). Similar neural correlates for language and sequential learning: Evidence from event-related brain potentials. *Language and Cognitive Processes*, 27, 231-256.
- de Vries, M.H., Geukes, S., Zwitserlood, P., Petersson, K.M. & Christiansen, M.H. (2012). Processing multiple non-adjacent dependencies: Evidence from sequence learning. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 367, 2065-2076.
- Frank, S.L., Bod, R. & Christiansen, M.H. (2012). How hierarchical is language use? *Proceedings of the Royal Society B: Biological Sciences*, 279, 4522-4531. **[Among the top-10 most downloaded papers in 2012]**
- Heimbauer, L.A., Conway, C.M., Christiansen, M.H., Beran, M.J. & Owren, M.J. (2012). A Serial Reaction Time (SRT) task with symmetrical joystick responding for nonhuman primates. *Behavior Research Methods*, 44, 733-741.
- Misyak, J.B. & Christiansen, M.H. (2012). Statistical learning and language: An individual differences study. *Language Learning*, 62, 302-331. **[Most cited LL article in 2015, 2016]**
- Van den Bos, E., Christiansen, M.H. & Misyak, J.B. (2012). Statistical learning of probabilistic nonadjacent dependencies by multiple-cue integration. *Journal of Memory and Language*, 67, 507-520.
- Christiansen, M.H., Reali, F. & Chater, N. (2011). Biological adaptations for functional features of language in the face of cultural evolution. *Human Biology*, 83, 247-259.
- de Vries, M.H., Christiansen, M.H. & Petersson, K.M. (2011). Learning recursion: Multiple nested and crossed dependencies. *Biolinguistics*, 5, 10-35.
- Emberson, L.L., Conway, C.M. & Christiansen, M.H. (2011). Timing is everything: Changes in presentation timing have opposite effects on auditory and visual implicit statistical learning. *Quarterly Journal of Experimental Psychology*, 64, 1021-1040.
- Farmer, T.A., Monaghan, P., Misyak, J.B. & Christiansen, M.H. (2011). Phonological typicality influences sentence processing in predictive contexts: A reply to Staub et al. (2009). *Journal of Experimental Psychology: Learning, Memory & Cognition*, 37, 1318-1325.
- Fitneva, S.A. & Christiansen, M.H. (2011). Looking in the wrong direction correlates with more accurate word learning. *Cognitive Science*, 35, 367-380.

- Monaghan, P., Christiansen, M.H. & Fitneva, S.A. (2011). The arbitrariness of the sign: Learning advantages from the structure of the vocabulary. *Journal of Experimental Psychology: General*, *140*, 325-347. **[Winner of the 2013 British Psychological Society Cognitive Psychology Award]**
- Chater, N. & Christiansen, M.H. (2010). Language acquisition meets language evolution. *Cognitive Science*, *34*, 1131-1157. **[Among the top-five most downloaded papers in 2010 and 2011]**
- Chater, N. & Christiansen, M.H. (2010). Language evolution as cultural evolution: How language is shaped by the brain. *Wiley Interdisciplinary Reviews: Cognitive Science*, *1*, 623-628.
- Christiansen, M.H., Kelly, M.L., Shillcock, R.C. & Greenfield, K. (2010). Impaired artificial grammar learning in agrammatism. *Cognition*, *116*, 382-393.
- Misyak, J.B., Christiansen, M.H. & Tomblin, J.B. (2010). On-line individual differences in statistical learning predict language processing. *Frontiers in Psychology*, *1*, 31. doi:10.3389/fpsyg.2010.00031.
- Misyak, J.B., Christiansen, M.H. & Tomblin, J.B. (2010). Sequential expectations: The role of prediction-based learning in language. *Topics in Cognitive Science*, *2*, 138-153.
- Monaghan, P. & Christiansen, M.H. (2010). Words in puddles of sound: Modelling psycholinguistic effects in speech segmentation. *Journal of Child Language*, *37*, 545-564.
- Monaghan, P., Christiansen, M.H., Farmer, T.A. & Fitneva, S.A. (2010). Measures of phonological typicality: Robust coherence and psychological validity. *The Mental Lexicon*, *5*, 281-299.
- St. Clair, M. C., Monaghan, P. & Christiansen, M.H. (2010). Learning grammatical categories from distributional cues: Flexible frames for language acquisition. *Cognition*, *116*, 341-360.
- Beckner, C., Blythe, R., Bybee, J., Christiansen, M.H., Croft, W., Ellis, N., Holland, J., Ke, J., Larsen-Freeman, D. & Schoenemann, T. (2009). Language is a complex adaptive system: Position paper. *Language Learning*, *59* (Suppl. 1), 1-27. **[Translated into Spanish: La lengua es un sistema adaptativo complejo, courtesy of Francisco Moreno Fernández]**
- 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.
- Christiansen, M.H. & Chater, N. (2009). The myth of language universals and the myth of universal grammar. *Behavioral & Brain Sciences*, *32*, 452-453.
- Christiansen, M.H., Chater, N. & Reali, F. (2009). The biological and cultural foundations of language. *Communicative & Integrative Biology*, *2*, 221-222.
- Christiansen, M.H. & MacDonald, M.C. (2009). A usage-based approach to recursion in sentence processing. *Language Learning*, *59* (Suppl. 1), 126-161.
- Christiansen, M.H., Onnis, L. & Hockema, S.A. (2009). The secret is in the sound: From unsegmented speech to lexical categories. *Developmental Science*, *12*, 388-395.
- Conway, C.M. & Christiansen, M.H. (2009). Seeing and hearing in space and time: Effects of modality and presentation rate on implicit statistical learning. *European Journal of Cognitive Psychology*, *21*, 561-580.
- Fitneva, S.A., Christiansen, M.H. & Monaghan, P. (2009). From sound to syntax: Phonological constraints on children's lexical categorization of new words. *Journal of Child Language*, *36*, 967-997.
- Hruschka, D., Christiansen, M.H., Blythe, R.A., Croft, W., Heggarty, P., Mufwene, S.S., Pierrehumbert, J.H. & Poplack, S. (2009). Building social cognitive models of language change. *Trends in Cognitive Sciences*, *13*, 464-469.
- 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] **[Among the top-ten most downloaded papers in 2011, and top-three most cited in 2010]**

- 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, 125-152.
- Monaghan, P., Christiansen, M.H. & Chater, N. (2007). The Phonological-Distributional Coherence Hypothesis: Cross-linguistic evidence in language acquisition. *Cognitive Psychology*, 55, 259-305.
- Real, F. & Christiansen, M.H. (2007). Processing of relative clauses is made easier by frequency of occurrence. *Journal of Memory and Language*, 57, 1-23.
- Real, 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.
- Real, 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.

#### Books

- Christiansen, M.H. & Chater, N. (2016). *Creating language: Integrating evolution, acquisition, and processing*. Cambridge, MA: MIT Press.
- Richerson, P.J. & Christiansen, M.H. (Eds.) (2013). *Cultural evolution: Society, technology, language and religion*. Cambridge, MA: MIT Press.
- Christiansen, M.H., Collins, C. & Edelman, S. (Eds.) (2009). *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.
- Conway, C.M., Onnis, L. & Christiansen, M.H. (in preparation). *Sequential learning: How the brain encodes structure in time*. New York: Oxford University Press.

#### Book Chapters

- Jost, E. & Christiansen, M.H. (in press). Statistical learning as a domain-general mechanism of entrenchment. In H.-J. Schmid (Ed.), *Entrenchment, memory and automaticity: The psychology of linguistic knowledge and language learning*. Boston: APA and Walter de Gruyter.
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- Heimbauer, L.A., Conway, C.M., Christiansen, M.H., Beran, M.J. & Owren, M.J. (under revision). *Artificial grammar learning and generalization by rhesus macaques (Macaca mulatta)*.
- Fitneva, S.A. & Christiansen, M.H. (submitted). *Unite and Conquer: Extracting Coherent Word Representations through Statistical Learning*.
- Isbilen, E., McCauley, S.M., Kidd, E & Christiansen, M.H. (submitted). *Testing statistical learning implicitly: A novel chunk-based measure of statistical learning*.
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- 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. **[Winner of the Marr Prize for best student paper]**

#### Manuscripts in Preparation

- Christiansen, M.H. (in preparation). *Implicit-statistical learning: A tale of two literatures.*
- Christiansen, M.H. & Chater, N. (in preparation). *Towards an integrated science of language.*
- Frost, R.L.A., Monaghan, P. & Christiansen, M.H. (in preparation). *Mark my words: High frequency marker words assist in early language acquisition.*
- Monaghan, P., Henson, R., Lupyan, G. & Christiansen, M.H. (in preparation). *Sound-symbolism effects realised in the vocabulary.*
- Real, F., Chater, N. & Christiansen, M.H. (in preparation). *The paradox of linguistic complexity and community size: The role of diffusion of innovation.*
- Trecca, F., McCauley, S.M., Callaway, F., Andersen, S.R., Bleses, D., Basbøll, H., Højen, A., Madsen, T.O., Ribu, I.S. B., Simonsen, H.G., & Christiansen, M. H. (in preparation). *Segmentation of continuous speech is equally robust over consonants and vowels: Insights from a cross-linguistic study of Danish, Norwegian, and English.*
- Vuong, L.C., Meyer, A.S. & Christiansen, M.H. (in preparation). *Individual differences in sequence learning and cross-situational learning.*

#### Press Coverage

- Interviewed as language science expert for *Weekendavisen* article: “Sprogfader i modvind,” written by Mikke Borris, October 21, 2016.
- Press coverage in more than 125 news outlets across the world about Blasi, ... Christiansen (2016) *PNAS* paper, including write-ups in *Washington Post*, *Scientific American*, *New Economist*, *Daily Telegraph*. Interviews on *BBC Radio Inside Science*, *BBC World*, *BBC Wales*, and four Australian radio stations.

- Write-up related to Weber, Christiansen et al. (2016) *Journal of Neuroscience* article in *ScienceDaily*, *Psypost.com*, *Neuroscientistsnews.com*, the Dutch newspaper *NRC Handelsblad*, and the German news magazine *Der Spiegel*.
- Write-up related to Christiansen & Chater's (2016) *Behavioral & Brain Sciences* article in *Cornell Chronicle* and *ScienceDaily*.
- Write-up related to Christiansen & Chater's (2016) book, *Creating language*, at *phys.org* and in *Cornell Chronicle*.
- Write-up in *UA News* related to public lecture, "Darwin's Insight: The Cultural Evolution of Language," delivered as part of the Alabama Lectures on Life's Evolution at the University of Alabama, February, 2016.
- Write-up related to Richerson & Christiansen's (2013) book, *Cultural evolution*, in *Cornell Chronicle*.
- Write-up related to Baronchelli, Chater, Pastor-Satorras & Christiansen (2012) in *Cornell Chronicle* and *American Scholar*.
- Write-up related to Frank, Bod & Christiansen (2012) in *Cornell Chronicle* and *ScienceDaily*.
- Interviewed for the Danish radio program *P1 Morgen* about language acquisition: "Robot lærer sprog som babyer," July 16, 2012.
- Interviewed as language acquisition expert for *Weekendavisen* article: "Den talende babyrobot," written by Gunver Lystbæk Vestergård, July 13, 2012.
- Write-up related to Monaghan, Christiansen & Fitneva (2011) in *Cornell Chronicle* and *Science Now*.
- Interviewed for *New Scientist* article: "Kiki or bouba? In search of language's missing link," written by David Robson (Magazine issue 2821), July 2011.
- Interviewed in *Intermediar* (a Dutch weekly) in relation to my keynote at 8th Evolution of Language Conference in Utrecht, April 2010.
- Write-ups relating to Chater, Reali & Christiansen (2009): Commentaries in the *Proceedings of the National Academy of Sciences* and *Bollettino Filosofico XXIV (2008)*, *Cornell Chronicle*, *Weekendavisen*.
- 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 (2017, September). *Squeezing through the Now-or-Never Bottleneck: Chunking in L1 and L2 Learning*. Invited colloquium to be delivered at the Center for Language Science Speakers series at Penn State University, State College, PA.
- M.H. Christiansen (2017, October). *TBA*. Invited colloquium to be delivered in the Departments of Psychology and Linguistics at the University of Toronto, Scarborough, ON.
- M.H. Christiansen (2017, October). *TBA*. Invited colloquium to be delivered in the Department of Psychology, Neuroscience & Behaviour at McMaster University, Hamilton, ON.
- M.H. Christiansen (2017, April). *Artificial Grammar Learning and Natural Language: The Promise and Pitfalls of Individual Differences Research*. Invited talk at workshop on "The comparative biology of language learning", Lorentz Center, Leiden University, the Netherlands.
- M.H. Christiansen (2017, March). *Language Evolution through the Bottleneck: From Milliseconds to Millennia*. Invited talk in a special session on "Language processing and language evolution" at the 30th Annual CUNY Conference on Human Sentence Processing, MIT, Cambridge, MA.



- M.H. Christiansen (2017, March). *The Now-or-Never Bottleneck: A Fundamental Constraint on Language*. Invited Cognitive Science Colloquium, Princeton University, Princeton, NJ.
- M.H. Christiansen (2017, February). *Creating Language: From Milliseconds to Millennia* and *Creating Language: Balancing Arbitrariness and Systematicity in Vocabulary Structure*. Inaugural keynotes at the Edinburgh Lectures in Language Evolution, Centre for Language Evolution, University of Edinburgh, Scotland.
- M.H. Christiansen (2017, January). *Creating Language: From Milliseconds to Millennia*. Invited public speaker as part of the lecture series Exploring Human Origins at the Tompkins County Public Library, Ithaca, NY.
- M.H. Christiansen (2017, January). *Saussure Revisited: Balancing Arbitrariness and Systematicity in Vocabulary Structure*. Invited colloquium delivered at the ARC Centre of Excellence for the Dynamics of Language, Canberra, Australia.
- M.H. Christiansen (2016, November). *Børn Skal Både Ses og Høres: Erfaring og Sprogudvikling*. Invited keynote delivered at a conference on Parental Involvement in Language Development from 0-6, organized by the Danish Ministry for Children, Education and Gender Equality, Nyborg, Denmark.
- M.H. Christiansen (2016, October) *The Now-or-Never Bottleneck: A Fundamental Constraint on Language*. Invited talk presented in the Department of Psychology, University of Oregon, Eugene, OR.
- M.H. Christiansen (2016, September). *Squeezing through the Now-or-Never Bottleneck: Chunking in L1 and L2 Learning*. Invited keynote delivered at the First vs. Second Language Learning: From Neurobiology to Cognition conference, Hebrew University of Jerusalem, Israel.
- M.H. Christiansen (2016, August). *Language Evolution as Cultural Evolution*. Invited talk at the symposium on the Cultural Evolution of Cognition at the 38th Annual Conference of the Cognitive Science Society, Philadelphia, PA.
- M.H. Christiansen (2016, June). *Implicit Statistical Learning: A Tale of Two Literatures*. Invited keynote delivered at the Fifth Implicit Learning Seminar, Lancaster University, U.K.
- M.H. Christiansen (2016, March). *The Now-or-Never Bottleneck: A Fundamental Constraint on Language*. Invited talk presented at the Interaction Minds Centre, Aarhus University, Denmark.
- M.H. Christiansen (2016, February). *Cultural Evolution and the Mind*. Invited presentation at the Mind discussion panel as part of Cornell University's celebration of "A New Century for the Humanities," Ithaca, NY.
- M.H. Christiansen (2016, February) *Darwin's Insight: The Cultural Evolution of Language*. Invited speaker in the Alabama Lectures on Life's Evolution series, University of Alabama, Tuscaloosa, AL.
- M.H. Christiansen (2016, January). *The Now-or-Never Bottleneck: A Fundamental Constraint on Language*. Invited colloquium delivered at the ARC Centre of Excellence for the Dynamics of Language, Canberra, Australia.
- M.H. Christiansen (2015, June). *The Now-or-Never Bottleneck: A Fundamental Constraint on Language*. Invited colloquium at the Basque Center on Cognition, Brain and Language, San Sebastián, Spain.
- M.H. Christiansen (2015, June). *The Nature of Statistical Learning*. Invited keynote delivered at the International Conference on Statistical Learning at the Basque Center on Cognition, Brain and Language, San Sebastián, Spain.
- M.H. Christiansen (2015, May). *Sequence Learning and the Cultural Evolution of Language*. Invited talk delivered at the symposium for Learning about the Vocal World: Deciphering the Statistics of Communication at the Institute for Quantitative Theory and Methodology, Emory University, Atlanta, GA.
- M.H. Christiansen (2015, April). *The Now-or-Never Bottleneck: A Fundamental Constraint on Language*. Invited speaker at the workshop on Causality in the Language Sciences, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
- M.H. Christiansen (2015, March). *Language Evolution as Cultural Evolution*. Invited talk presented at the symposium on Cognitive and Evolutionary Approaches to Human Culture, Cornell University, NY.

- M.H. Christiansen (2015, February). *Language Acquisition as Learning to Process: The Importance of Chunking*. Invited talk presented at the Workshop on Building Realistic Models of Language at the International Centre for Language and Communicative Development (LuCiD), University of Manchester, UK.
- M.H. Christiansen (2015, January). *Language as Shaped by the Brain*. Invited talk presented to the Music in the Brain Research Network, Aarhus University, Denmark.
- M.H. Christiansen (2015, January). *Saussure Revisited: Balancing Arbitrariness and Systematicity in Vocabulary Structure*. Invited talk presented at the Interacting Minds Centre, Aarhus University, Denmark.
- M.H. Christiansen (2014, October). *Language Acquisition as Learning to Process*. Invited talk presented at the Haskins Laboratories, New Haven, CT.
- M.H. Christiansen (2014, July). *Language Acquisition as Learning to Process*. Invited plenary delivered at the 2014 International Congress for the Study of Child Language, Amsterdam, the Netherlands.
- M.H. Christiansen (2014, June). *Language Acquisition as Learning to Process*. Invited keynote delivered at CoNLL-2014: the 18th Conference on Computational Natural Language Learning, Baltimore, MD.
- M.H. Christiansen (2014, June). *The Now-or-Never Bottleneck: A Fundamental Constraint on Language*. Invited talk presented the workshop on Dependencies, Ardennes, Belgium.
- M.H. Christiansen (2014, January). *Creating Language: Integrating Processing, Acquisition and Evolution*. Invited talk to the Program in Linguistics, Princeton University, Princeton, NJ.
- M.H. Christiansen (2013, December). *The Division of Labor between Arbitrariness and Systematicity in Vocabulary Structure*. Invited talk delivered at the workshop on *Sound Symbolism*, Tokyo, Japan.
- M.H. Christiansen (2013, October). *Experience, Sequential Learning and Individual Differences in Language Processing*. Invited Cognitive Brown Bag talk, Princeton University, Princeton, NJ.
- M.H. Christiansen (2013, September). *Language Evolution: Complexity across Multiple Timescales*. Invited keynote delivered at the 2013 European Conference on Complex Systems (ECCS'13), Barcelona, Spain.
- M.H. Christiansen & J.B. Misyak (2013, August). *Individual differences in implicit statistical learning and language*. Invited talk presented at a paper symposium on *Implicit Learning Out of the Lab: Language and Music* at the 35th Annual Conference of the Cognitive Science Society, Berlin, Germany.
- M.H. Christiansen (2013, May). *Darwin's Insight: The Cultural Evolution of Language*. Invited public lecture delivered at the Institute of Language and Communication, University of Southern Denmark, Odense.
- M.H. Christiansen (2013, May). *The Sound of Syntax*. Invited public lecture at the National Central University, Taiwan.
- M.H. Christiansen (2013, May). *Language as Shaped by the Brain*. Invited colloquium delivered at the Institute of Neuroscience, National Yang Ming University, Taiwan.
- M.H. Christiansen (2013, April). *Language as Shaped by the Brain*. Invited colloquium to be presented to the Cognitive Science Program at Indiana University, Bloomington, IN.
- M.H. Christiansen (2013, April). *Language Acquisition Is Learning to Process: Theoretical Considerations and Computational Modeling*. Invited talk at the workshop on *What can we do with 500-billion words?* Indiana University, Bloomington, IN.
- M.H. Christiansen (2012, November). *The Arbitrariness of the Sign: Insights from Corpus Analyses*. Invited talk presented at a paper symposium on *Psychonomics without Experiments? Discovering Psychological Principles by Mining Large Data Sets* at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- M.H. Christiansen (2012, November). *Language as Shaped by the Brain*. Invited keynote delivered at the Conference for Evolutionary Linguistics at the University of Beijing, China.
- M.H. Christiansen (2012, September). *Language as Shaped by the Brain*. Invited colloquium presented in the University Seminar series on Language and Cognition as well as Cognitive and Behavioral Neuroscience at Columbia University, New York City, NY.

- M.H. Christiansen (2012, July). *The Importance of Chunking in Language Learning and Evolution*. Invited talk at the workshop on *Origins of Communication Systems* at the Konrad Lorenz Institute for Evolution and Cognition Research, Vienna, Austria.
- M.H. Christiansen (2012, April). *Language Acquisition Meets Language Evolution*. Two colloquia presented at the Institute of Language and Communication, University of Southern Denmark, Odense.
- M.H. Christiansen (2012, April). *Brains, Genes, and Language Evolution*. Invited colloquium presented at the RIKEN Brain Science Institute, Saitama, Japan.
- M.H. Christiansen (2012, April). *Darwin's Insight: The Cultural Evolution of Language*. Visiting Professor public lecture presented at the University of Hong Kong.
- M.H. Christiansen (2012, March/April). *Language Intertwined across Multiple Timescales: Evolution, Acquisition and Processing*. Advanced Seminars in Linguistics lecture series delivered at the University of Hong Kong.
- M.H. Christiansen (2011, October). *The Sound of Syntax*. Invited colloquium presented to the Department of Psychology at the Emory University, Atlanta, GA.
- M.H. Christiansen (2011, September). *Sequential Learning in Individuals with and without Language Impairments*. Invited talk presented at the 6th Annual Eleanor M. Saffran Cognitive Neuroscience Conference, *Cognitive and Neural Aspects of Learning in the Normal and Damaged Brain*, at Temple University, Philadelphia, PA.
- M.H. Christiansen (2011, September). *Language Evolution as Language Change*. Invited talk at the workshop on *Cognitive Processes and Social Factors in Language Variation and Change* at Bern University, Switzerland.
- M.H. Christiansen (2011, September). *You Are What You Read: The Impact of Experience on Individual Differences in Language Processing*. Invited colloquium presented at the Haskins Laboratories, New Haven, CT.
- M.H. Christiansen (2011, September). *Brains, Genes, and Language Evolution*. Invited colloquium presented to the Department of Psychology at the University of Connecticut, Storrs, CT.
- M.H. Christiansen (2011, May). *Brains, Genes, and Language Evolution*. Invited colloquium presented to the Cognitive Science Program at Northwestern University, Evanston, IL.
- M.H. Christiansen (2011, May). *Brains, Genes, and Language Evolution*. Invited colloquium presented to the Department of Psychology at University of Chicago, IL.
- M.H. Christiansen (2011, April). *Brains, Genes, and Language Evolution*. Invited colloquium presented to the Institute of Cognitive and Brain Sciences at the University of California, Berkeley, CA.
- M.H. Christiansen (2010, November). *Brains, Genes and Language Evolution*. Invited colloquium presented to the Department of Psychology, Saint Louis University, St. Louis, MO.
- M.H. Christiansen (2010, October). *Darwin's Insight: The Cultural Evolution of Language*. Ida Cornelia Beam Distinguish Visiting Professor public lecture presented at the University of Iowa, IA.
- M.H. Christiansen (2010, October). *Language Intertwined across Multiple Timescales: Evolution, Acquisition and Processing*. Ida Cornelia Beam Distinguish Visiting Professor lecture series delivered at the University of Iowa, IA.
- M.H. Christiansen (2010, September). Invited participant, Ernst Strüngmann Forum on *Animal Thinking: Contemporary Issues in Comparative Cognition*, Frankfurt, Germany.
- M.H. Christiansen (2010, September). *Brains, Genes and Language Evolution*. Invited colloquium presented to the Department of Psychology, Lancaster University, UK.
- M.H. Christiansen (2010, September). *Brains, Genes and Language Evolution*. Invited keynote delivered at the 16th Architectures and Mechanisms for Language Processing (AMLAP), York, UK.
- M.H. Christiansen (2010, June). *Brains, Genes and Language Evolution*. 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, Canada.
- M.H. Christiansen (2010, May). *Beyond Grammar Induction: Language Acquisition as Multiple-Cue Integration*. Invited presentation at the *Cornell Workshop on Grammar Induction*, Ithaca, NY.

- M.H. Christiansen (2010, April). *Brains, Genes and Language Evolution*. Invited plenary delivered at the 8th Evolution of Language Conference, Utrecht, The Netherlands.
- M.H. Christiansen (2010, March). *Brains, Genes and Language Evolution*. Invited colloquium presented to the Center for Mind, Brain, and Culture, Emory University, Atlanta, GA.
- M.H. Christiansen (2010, March). *A Possible Division of Labor between Arbitrary and Systematic Sound-Meaning Mappings in Language*. Invited talk presented at a workshop on *Sound Symbolism: Challenging the Arbitrariness of Language*, Emory University, Atlanta, GA.
- M.H. Christiansen (2009, December). *The 2009 Nijmegen Lectures: Understanding Language across Multiple Timescales: Evolution, Acquisition and Processing*. Invited 3-day lecture series delivered to the Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.
- M.H. Christiansen (2009, October). *You Are What You Read: The Impact of Experience on Individual Differences in Language Processing*. Invited colloquium delivered to the Department of Psychology at the University of Texas, Austin, TX.
- M.H. Christiansen (2009, October). *Brains, Genes and Language Evolution*. Invited talk presented at the Delta Center Pre-Conference to the Cognitive Development Society Meeting, St. Antonio, TX.
- M.H. Christiansen (2009, June). *A Usage-Based Approach to Recursion*. Invited colloquium presented to the Department of Cognitive Psychology at Leiden University, The Netherlands.
- M.H. Christiansen (2009, April). *The Sound of Syntax: The Importance of Phonology in Syntactic Acquisition and Processing*. Invited colloquium 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, July). Invited participant, Ernst Strüngmann Forum on *Biological Foundations and Origins of Syntax*, Frankfurt, Germany.
- 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 Timescales: 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 Timescales: Processing, Acquisition and Evolution*. Invited Cognitive Science Seminar Speaker, University of Memphis, Memphis, TN.
- M.H. Christiansen (2007, June). *Creating Language across Multiple Timescales: 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 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 (2006, October). *Creating Language across Multiple Timescales: 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, RD.
- 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 (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 the 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.

### Selected Conference Presentations

- I. Arnon, S.M. McCauley & M.H. Christiansen (2017, March). Digging Up the Building Blocks of Language: Age-of-Acquisition Effects for Multiword Phrases. Poster presented at the 30th Annual CUNY Conference on Human Sentence Processing, MIT, Cambridge, MA.
- R.L.A. Frost, P. Monaghan & M.H. Christiansen (2016, September). *High Frequency Words Assist Language Acquisition*. Poster presented at the 22nd Conference on Architectures and Mechanisms for Language Processing, Bilbao, Spain.
- R. Dale, R. Fusaroli, K. Tylén, J. Rzaszek-Leonardi & M.H. Christiansen (2016, August). *Exploring Mechanisms for Interaction in a Connectionist Framework*. Poster presented at the 38th Annual Conference of the Cognitive Science Society, Philadelphia, PA.
- R.L.A. Frost, P. Monaghan & M.H. Christiansen (2016, August). *Using Statistics to Learn Words and Grammatical Categories: How High Frequency Words Assist Language Acquisition*. Poster presented at the 38th Annual Conference of the Cognitive Science Society, Philadelphia, PA.
- E. Jost, N.P. Brennan, K.K. Peck, A.I. Holodny & M.H. Christiansen (2016, August). *Making it Right: Can the Right-Hemisphere Compensate for Language Function in Patients with Left-Frontal Brain Tumors?* Poster presented at the 38th Annual Conference of the Cognitive Science Society, Philadelphia, PA.
- R.L.A. Frost, P. Monaghan & M.H. Christiansen (2016, June). *High frequency words can Assist Language Acquisition*. Talk presented at the Fifth Implicit Learning Seminar, Lancaster University, U.K.
- R.L.A. Frost, M. Peter, S. Durrant, A. Bidgood, C. Rowland, P. Monaghan & M.H. Christiansen (2016, June). *How Do Infants Use Nonadjacent Dependencies during Language Development?* Poster presented at the Fifth Implicit Learning Seminar, Lancaster University, U.K.
- E.S. Isbilen, S.M. McCauley, E. Kidd & M.H. Christiansen (2016, June). *Testing Implicit Statistical Learning Implicitly*. Poster presented at the Fifth Implicit Learning Seminar, Lancaster University, U.K. **[won 3<sup>rd</sup> place prize for best poster]**
- S.A. Fitneva & M.H. Christiansen. (2016, May). *Understanding the Developmental Trajectory of Cross-situational Word Learning*. Poster presented at the XX Biennial International Conference of Infant Studies, New Orleans, LA.
- R.L.A. Frost, M. Peter, S. Durrant, A. Bidgood, C. Rowland, P. Monaghan & M.H. Christiansen (2016, May). *How Do Infants Use Nonadjacent Dependencies during Language Development?* Poster presented at the XX Biennial International Conference of Infant Studies, New Orleans, LA.
- R.L.A. Frost, P. Monaghan & M.H. Christiansen (2016, January). *How Do High Frequency Words Help Language Acquisition?* Poster presented at the Experimental Psychology Society's London Meeting, University College London, UK.
- S.M. McCauley & M.H. Christiansen (2015, November). *Individual Differences in Experience-based Chunking Predict Online Language Processing*. Talk presented at the 56th Annual Meeting of the Psychonomic Society, Chicago, IL.
- I. Arnon, S.M. McCauley & M.H. Christiansen (2015, November). Digging Up the Building Blocks of Language: Age-of-Acquisition Effects for Multiword Phrases. Poster presented at the 40th Boston University Conference on Language Development, Boston, MA.

- F. Trecca, D. Bleses & M.H. Christiansen (2015, November). *When Too Many Vowels Impede Language Processing: The Case of Danish*. Talk/Poster presented at the 40th Boston University Conference on Language Development, Boston, MA.
- F. Trecca, D. Bleses, M.H. Christiansen, H. Basbøll, A. Højen & T.O. Madsen (2015, August). *Listeners' Native Phonology Affects Segmentation of Artificial Speech Streams*. Poster presented at the 5th Conference of the Scandinavian Association for Language and Cognition (SALC V), Trondheim, Norway.
- S.M. McCauley & M.H. Christiansen (2015, July). Individual Differences in Chunking Ability Predict On-line Sentence Processing. Talk presented at the 37th Annual Conference of the Cognitive Science Society, Pasadena, CA.
- L.L. Emberson, J.B. Misyak, J.A. Schwade, M.H. Christiansen & M.H. Goldstein (2015, June). *How Abstract is Statistical Learning? Comparing Learning Across Visual and Auditory Perceptual Modalities in Infancy*. Talk presented at the International Conference on Interdisciplinary Advances in Statistical Learning, San Sebastian, Spain.
- F. Trecca, F. Callaway, S.M. McCauley & M.H. Christiansen (2015, June). *Phonology Affects Statistical Learning in Artificial Speech Segmentation: Insights from Behavioral Experiments and Computational Modeling*. Poster presented at the International Conference on Interdisciplinary Advances in Statistical Learning, San Sebastian, Spain.
- M.H. Christiansen & P. Monaghan (2015, March). *Arbitrariness and Systematicity in Vocabulary Structure*. Paper presented in a symposium on Sound Symbolism: New Insights into its Role in Language Development at the Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA.
- I. Arnon, S.M. McCauley & M.H. Christiansen (2015, March). *Digging up the Building Blocks of Language: Age-of-Acquisition Effects for Multiword Phrases*. Poster presented at 28th Annual CUNY Conference on Human Sentence Processing, University of Southern California, Los Angeles, CA.
- H. Jolsvai, S.M. McCauley & M.H. Christiansen (2014, November). *Evidence against Separate Processing of Idiomatic and Compositional Phrases*. Talk presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- J. Ying & M.H. Christiansen (2014, November). *Learning Two Artificial Languages: L1 Knowledge Influencing L2 Learning*. Poster presented at the 55th Annual Meeting of the Psychonomic Society, Long Beach, CA.
- S.M. McCauley & M.H. Christiansen (2014, September). *On-line Distributional Learning in Language Development: A Computational Model of Children's Early Comprehension and Production*. Talk presented at the workshop on Modelling the Mechanisms: Challenges and Aims for Usage-based Computational Models of Grammatical Development at the 8th International Conference on Construction Grammar (ICCG8), University of Osnabrück, Germany.
- S.M. McCauley & M.H. Christiansen (2014, July). *Reappraising Lexical Specificity in Children's Early Syntactic Combinations*. Talk presented at the 36th Annual Conference of the Cognitive Science Society, Quebec City, Canada.
- P. Monaghan, G. Lupyan & M.H. Christiansen (2014, July). *The Systematicity of the Sign: Modelling Activation of Semantic Attributes from Nonwords*. Talk presented at the 36th Annual Conference of the Cognitive Science Society, Quebec City, Canada.
- F. Trecca, D. Bleses, H. Basbøll, A. Højen, T.O. Madsen, M. H. Christiansen & S.R. Andersen (2014, July). *The effect of vocalic vs. consonantal phonetic structure on language segmentability: The case of Danish*. Poster presented at the 2014 International Congress for the Study of Child Language, Amsterdam, the Netherlands.
- D. Blasi, M.H. Christiansen, S. Wichmann, H. Hammarström & P. Stadler (2014, April). *Sound Symbolism and the Origins of Language*. Paper presented at the 10th International Conference on the Evolution of Language, Vienna, Austria.



- F. Real, N. Chater & M.H. Christiansen (2014, April). *The Paradox of Linguistic Complexity and Community Size*. Paper presented at the 10th International Conference on the Evolution of Language, Vienna, Austria.
- M.H. Christiansen (2013, August). *Computational Investigations of Multiword Chunks in Language Learning*. Paper presented at a symposium on Multiword Sequences as Building Blocks for Language: Insights into First and Second Language Learning at the 35th Annual Conference of the Cognitive Science Society, Berlin, Germany.
- H. Jolsvai, S.M. McCauley & M.H. Christiansen (2013, August). *Meaning Overrides Frequency in Idiomatic and Compositional Multiword Chunks*. Paper presented at the 35th Annual Conference of the Cognitive Science Society, Berlin, Germany.
- H. Jolsvai, S.M. McCauley & M.H. Christiansen (2013, June). *The Relative Importance of Meaning and Frequency in the Processing of Formulaic Expressions*. Talk presented in the Bridging the Methodological Divide: Cognitive Linguistic and Psycholinguistic Approaches to Formulaic Language theme session at the 12th International Cognitive Linguistics Conference, Edmonton, Canada.
- S.M. McCauley & M.H. Christiansen (2013, June). *Acquiring formulaic language: A Cross-Linguistic Model of Children's Comprehension and Production*. Talk presented in the Bridging the Methodological Divide: Cognitive Linguistic and Psycholinguistic Approaches to Formulaic Language theme session at the 12th International Cognitive Linguistics Conference, Edmonton, Canada.
- L. Onnis, M.H. Christiansen & C.M. Conway (2012, December). *Do Language and Sequential Learning Share Similar Neural Bases?* Talk presented at the Language and Neuroscience Conference, Florianópolis, Brazil.
- E. Jost, J.B. Misyak & M.H. Christiansen (2012, November). *Measuring up AGL Paradigms against Individuals' Language Abilities*. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- S.M. McCauley & M.H. Christiansen (2012, November). *Language Learning as Language Use: A Computational Model of Children's Comprehension and Production of Language*. Paper presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- L. Emberson, J.B. Misyak, J.A. Schwade, M.H. Christiansen & M.H. Goldstein (2012, June). *How Amodal is Statistical Learning? Comparing Learning Across Visual and Auditory Perceptual Modalities in Infancy*. Poster presented at the XVIII Biennial International Conference on Infant Studies, Minneapolis, MN.
- B. Winter & M.H. Christiansen (2012, March). *Robustness as a Design Feature of Speech Communication*. Paper presented at the 9th International Conference on the Evolution of Language, Kyoto, Japan.
- A. Baronchelli, N. Chater, R. Pastor-Satorras & M.H. Christiansen (2012, March). *Reconciling the Diversity of Languages with the Biological Uniformity of their Speakers*. Paper presented at the 9th International Conference on the Evolution of Language, Kyoto, Japan.
- C. Caldwell-Harris, A. Biller, R. Ladd, D. Dediu & M.H. Christiansen (2012, March). *Musical ability and prior tone language experience facilitate learning an artificial tone language*. Paper presented at the Annual Conference of the American Association of Applied Linguistics. Boston, MA.
- M.H. de Vries, S. Geukes, P. Zwitserlood, K.M. Petersson & M.H. Christiansen (2011, November). *Processing Multiple Long-Distance Dependencies: Evidence from Sequential Learning*. Talk presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, OR.
- M.H. Christiansen, S.A. Fitneva & P. Monaghan (2011, July). *A Trade-Off between Arbitrary and Systematic Form-Meaning Mappings in Language Learning*. Talk presented at the 12th International Congress for the Study of Child Language, Montréal, Canada.

- J. B. Misyak, L.L. Emberson, J.A. Schwade, M.H. Christiansen & M.H. Goldstein (2011, July). *Comparing Infants' Learning of Statistical Regularities in Auditory and Visual Sequences with Complex, Familiar Stimuli*. Poster presented at the 12th International Congress for the Study of Child Language, Montréal, Canada. **[won prize for best student poster]**
- S. Finley & M.H. Christiansen (2011, July) *Multimodal Transfer of Repetition Patterns in Artificial Grammar Learning*. Paper presented at the 33rd annual meeting of the Cognitive Science Society, Boston, MA.
- S.M. McCauley & M.H. Christiansen (2011, July). *Learning Simple Statistics for Language Comprehension and Production: The CAPPUCCINO Model*. Paper presented at the 33rd annual meeting of the Cognitive Science Society, Boston, MA.
- A. Mitchel, M.H. Christiansen & D. Weiss (2011, July). *Cross-Modal Effects in Statistical Learning: Evidence from the McGurk Illusion*. Poster presented at the 33rd annual meeting of the Cognitive Science Society, Boston, MA.
- L.C. Vuong, A.S. Meyer & M.H. Christiansen (2011, July). *Simultaneous Online Tracking of Adjacent and Non-adjacent Dependencies in Statistical Learning*. Poster presented at the 33rd annual meeting of the Cognitive Science Society, Boston, MA.
- H. Cornish, S. Kirby & M.H. Christiansen (2010, November). *The Emergence of Structure in Iterated Artificial Grammar Learning*. Paper presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
- J.B. Misyak & M.H. Christiansen (2010, November). *When Proficient Statistical Learning Goes Against Efficient Language Processing*. Poster presented at the 51st Annual Meeting of the Psychonomic Society, St. Louis, MO.
- K. Weber, M.H. Christiansen, K.M. Petersson, P. Indefrey & P. Hagoort (2010, November). *Learning "Alienese": How do we pick up new grammatical structures?* Poster Presented at the 2nd Annual Neurobiology of Language Conference, San Diego, CA.
- A. Mitchel, M.H. Christiansen & D. Weiss (2010, November). *Cross-Modal Effects in Statistical Learning: Evidence from the McGurk Illusion*. Poster presented at the 35th Annual Boston University Conference on Language Development, Boston, MA.
- T.A. Farmer, P. Monaghan, J.B. Misyak & M.H. Christiansen (2010, August). *Word-Form Typicality and Its Influence on Grammatical Category Assignment*. Poster presented at the 32nd Annual Cognitive Science Society Conference, Portland, OR.
- L.A. Heimbauer, C.M. Conway, M.H. Christiansen, M.J. Beran & M.J. Owren (2010, June). *Grammar Rule-Based Sequence Learning by Rhesus Macaques (Macaca mulatta)*. Paper presented at the 33rd Meeting of the American Society of Primatologists, Louisville, KY [Abstract in *American Journal of Primatology*, 72, 65].
- C. Bentz & M.H. Christiansen (2010, April). *Linguistic Adaptation at Work? The Change of Word Order and Case System from Latin to the Romance Languages*. Paper presented at 8th International Conference on the Evolution of Language, Utrecht, The Netherlands.
- H. Cornish, M.H. Christiansen & S. Kirby (2010, April). *The Emergence of Structure from Sequence Memory Constraints in Cultural Transmission*. Paper presented at 8th International Conference on the Evolution of Language, Utrecht, The Netherlands.
- J.B. Misyak, M.H. Christiansen & J.B. Tomblin (2010, April). *A Missing Link in the Cultural Evolution of Language: Connecting Sequential Learning and Language Empirically*. Paper presented at 8th International Conference on the Evolution of Language, Utrecht, The Netherlands.
- P. Monaghan, M.H. Christiansen & S.A. Fitneva (2010, April). *Balancing Arbitrariness and Systematicity in Language Evolution*. Paper presented at 8th International Conference on the Evolution of Language, Utrecht, The Netherlands.
- T.A. Farmer, P. Monaghan, J.B. Misyak & M.H. Christiansen (2010, March). *Strength of Word-Category Expectation as a Constraint on Word-Form Typicality Effects*. Poster presented at the 23rd Annual CUNY Conference on Human Sentence Processing, New York, NY.

- L. Onnis & M.H. Christiansen (2010, March). *From Unsegmented Speech to Lexical Categories: The Role of Probabilistic Phonotactics*. Paper presented at the 2010 International Conference on Infant Studies, Baltimore, MD.
- S.A. Fitneva & M.H. Christiansen (2009, November). *Advantage for Initially Incorrect Guesses in Cross-Situational Word Learning?* Poster presented at the 49th Annual Meeting of the Psychonomic Society, Boston, MA.
- J.B. Misyak, M.H. Christiansen & J.B. Tomblin (2009, November). *Statistical Learning Skill Predicts Language Performance: On-line Data from Nonadjacency Learning and Relative Clause Processing*. Paper presented at the 49th Annual Meeting of the Psychonomic Society, Boston, MA.
- M.H. Christiansen (2009, July). *Genetic Constraints on the Cultural Evolution of Language*. Paper presented at a symposium on Cultural Evolution of Language: Implications for Cognitive Science at the 31st Annual Conference of the Cognitive Science Society, Amsterdam, The Netherlands.
- J.B. Misyak, M.H. Christiansen & J.B. Tomblin (2009, July). *Statistical Learning of Nonadjacencies Predicts On-Line Processing of Long-Distance Dependencies in Natural Language*. Paper presented at the 31st Annual Conference of the Cognitive Science Society, Amsterdam, The Netherlands.
- E. Van den Bos & M.H. Christiansen (2009, July). *Statistical Learning of Nonadjacent Dependencies Embedded in Sequences of Symbols*. Poster presented at the 31st Annual Conference of the Cognitive Science Society, Amsterdam, The Netherlands.
- R.B. Betzler, N.B. Turk-Browne, M.H. Christiansen & B.J. Scholl (2009, May). *Statistical Learning in Everyday Perception: The Case of Variable Segment Lengths*. Poster presented at the 9th Annual Meeting of the Vision Sciences Society, Naples, FL.
- 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 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 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 Multi-Element 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 XIV<sup>th</sup> 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 XIV<sup>th</sup> 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. Realì, 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. Realì & 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. Reali & 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. Reali (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. Reali & 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. Reali, P. Monaghan & N. Chater (2003, October). *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. Reali & M.H. Christiansen (2003, October). *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 (2003, September). *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. Reali, P. Monaghan & N. Chater (2003, August). *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 (2003, August). *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 (2003, August). *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 (2003, August). *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 (2003, August). *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 (2003, August). *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 (2003, February). *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 (2002, April). *Integrating Multiple Probabilistic Cues: Going Beyond Distributional Statistics*. Paper presented at the 2002 International Conference on Infant Studies, Toronto, Canada.
- 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, 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 3<sup>rd</sup> 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 3<sup>rd</sup> 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, NJ.
- 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, New York, 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.

## Teaching

### Graduate Courses

- 2013 *Topics in Psycholinguistics*, Department of Psychology, Cornell University.
- 2012/15 *Computational Psycholinguistics*, Department of Psychology, Cornell University.
- 2001-16 *Evolution of Language*, Department of Psychology, Cornell University (odd years).
- 2002-10 *Connectionist Psycholinguistics*, Department of Psychology, Cornell University (even years).
- 2003-6 *Behavioral and Brain Sciences Seminar*, Department of Psychology, Cornell University.
- 2003 *Special Topics in Cognitive Science: ERP*, Department of Psychology, Cornell University.
- 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

- 2012/15 *Computational Psycholinguistics*, Department of Psychology, Cornell University.  
 2002-17 *Psychology of Language*, Departments of Psychology and Linguistics, Cornell University.  
 2001-16 *Evolution of Language*, Department of Psychology, Cornell University (biennially).  
 2002-10 *Connectionist Psycholinguistics*, Department of Psychology, Cornell University (biennially).  
 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.

#### PhD Supervision

- 1999-2000 Michelle R. Ellefson (SIU), currently Senior Lecturer at the University of Cambridge, UK.  
 2001-2005 Christopher M. Conway, currently Associate Professor, Georgia State University, GA.  
 2001-2006 Rick Dale, currently Associate Professor, University of California, Merced, CA.  
 2002-2007 Florencia Reali, currently Assistant Professor, Universidad de los Andes, Columbia.  
 2003-2009 Thomas A. Farmer, currently Associate Project Scientist, University of California, Davis.  
 2005-2012 Jennifer B. Misyak, currently Research Fellow, University of Warwick, UK.  
 2010-2016 Stewart M. McCauley, currently Postdoctoral Researcher, University of Liverpool, UK.  
 2013-2016 Fabio Trecca (Department of Language and Communication, University of Southern Denmark), currently External lecturer University of Southern Denmark.  
 2011-present Ethan Jost.  
 2012-present Julia Ying.  
 2015-present Erin Isbilen.

#### **Service**

- 2017: Undergraduate Admission Committee, College of Arts & Sciences, Cornell University.  
2016-present: Member of the Nominating Committee, College of Arts & Sciences, Cornell University.  
2007-present: Co-Director, Cognitive Science Program, Cornell University.  
2002-present: Member of the Cognitive Science Steering Committee, Cornell University.  
2015: Chair of PhD evaluation committee, Department of Language and Communication, University of Southern Denmark.  
2013: Member of the Child Language and Literacy Development Search Committee at the Department of Language and Communication, University of Southern Denmark.  
2012: Chair of the Cognitive Science Faculty Search Committee, Department of Psychology, Cornell University.  
2012: Member of Ad Hoc Full Professor promotion committee, Cornell University.  
2011: Member of the Cognitive Science Faculty Search Committee, Department of Psychology, Cornell University.  
2011: Undergraduate Admission Committee, College of Arts & Sciences, Cornell University, NY.  
2009: Member of a Resident Professorial Renewal Committee, Santa Fe Institute, NM.  
2009: Member of a 3-person External Review Committee to evaluate the Linguistics Program at Emory University, Atlanta, GA.  
2003-2006: Colloquium organizer, Department of Psychology, Cornell University.

- 2003-2004: Member of the Developmental Psychology Faculty Search Committee, Department of Psychology, Cornell University.
- 2003: Reviewer of a Chateaubriand Fellowship application for the French Consulate in Houston, TX - Science and Technology Division.
- 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.

#### Conferences, Symposia, and Workshops

- 2016-2017: Co-organizer of the Second International Conference on Statistical Learning to be held in Bilbao, Spain, June 2017.
- 2015: Co-organizer of workshop on *Reappraising the Role of Linear Structure in Language* held at the Lorentz Center, Leiden, the Netherlands.
- 2014: Co-organizer of a workshop on *Modelling the Mechanisms: Challenges and Aims for Usage-based Computational Models of Grammatical Development* held at the 8th International Conference on Construction Grammar (ICCG8), University of Osnabrück, Germany.
- 2013: Co-organizer of a paper symposium on *Multiword Sequences as Building Blocks for Language: Insights into First and Second Language Learning* presented at the 35th Annual Conference of the Cognitive Science Society, Berlin, Germany.
- 2010-2012: Co-organizer and co-chair of an Ernst Strüngmann Forum on *Cultural Evolution* (with Pete Richerson, UC Davis), Frankfurt, Germany.
- 2011: Co-organizer and chair of a paper symposium on *From Sound to Meaning: New Insights into the Role of Sound Symbolism in Language Acquisition* presented at the 12th International Congress for the Study of Child Language, Montreal, Quebec.
- 2009: Organizer and chair of a paper symposium on *Cultural Evolution of Language: Implications for Cognitive Science* at the 31st Annual Conference of the Cognitive Science Society, Amsterdam, The Netherlands.
- 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 9-participant workshop meeting on *Models of Innovation and Propagation in Language Change* at the Santa Fe Institute, NM.
- 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.
- 2007: Organizer of a two-day 7-participant working group meeting on *Language and Genes* at the Santa Fe Institute, NM.
- 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.
- 2003-2004: Co-organizer of a Cognitive Studies Symposium on *Language Universals*, Cornell University (<http://kybele.psych.cornell.edu/LU/>)

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

#### Conference Program Committees

2004-9/11/15/16: Member of the Program Committee for the 26th-31<sup>st</sup>, 33<sup>rd</sup>, 37<sup>th</sup> and 38<sup>th</sup> Annual Conference of the Cognitive Science Society.

2001/3/5/7/9/11/13: Member of the Conference Review Committee for the 4th-10th International Conference on the Evolution of Language.

2010-11: Member of the Review Committee for the 16th-17th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP).

2010: Member of the Review Committee for the joint meeting of the Conceptual Structure, Discourse, and Language conference and the Embodied and Situated Language Processing workshop.

2004: Member of the Program Committee for the COLING-2004 Workshop: Psycho-Computational Models of Human Language Acquisition.

1996, 2000/1/3/10: Member of the Conference Review Committee for the 10th, 14th, 15th, 17th, and 24th Annual CUNY Conference on Human Sentence Processing.

#### Ad hoc Reviewing

*Behavioral & Brain Sciences, Cambridge University Press, Canadian Journal of Psychology, Cognition, Cognitive Psychology, Cognitive Science, Cognitive Science Society, Current Directions in Psychological Science, Developmental Psychology, European Research Council, Human Frontiers Science Program, 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, Leverhulme Foundation, MacArthur Foundation, Machine Learning, Mind and Language, Nature, Neuropsychologia, NSF, Oxford University Press, Philosophical Psychology, Proceedings of the National Academy of Sciences, Psychological Review, Psychological Science, Psychonomic Bulletin and Review, Science, Studies in Second Language Acquisition, Topics in Cognitive Science, Trends in Cognitive Sciences, UK Economic and Social Research Council, Wiley Interdisciplinary Reviews: Cognitive Science.*

#### **Professional Affiliations**

ARC Centre of Excellence for the Dynamics of Language (International Partner), Association for Psychological Science (Fellow), Cognitive Science Society, Cultural Evolution Society, Delta Center, European Society for Cognitive Psychology, ESRC International Centre for Language and Communicative Development (International Partner), Interacting Minds Centre, International Association for the Study of Child Language, Psychonomic Society (Fellow), Society for Research in Child Development.

#### **Outreach**

2017: Delivered a public lecture, *Creating Language: From Milliseconds to Millennia*, as part of the Exploring Human Origins lecture series at the Tompkins County Public Library, Ithaca, NY, Jan. 19.

2016: Delivered a general presentation, *Børn Skal Både Ses og Høres: Erfaring og Sprogudvikling* [Children should both be seen and heard: Experience and language development], to 350+ educators and day care consultants at a conference on Parental Involvement in Language Development from 0-6, organized by the Danish Ministry for Children, Education and Gender Equality, Nyborg, Denmark.

2016: Delivered a public lecture, *Darwin's Insight: The Cultural Evolution of Language*, as part of the Alabama Lectures on Life's Evolution at the University of Alabama, Feb. 16.

- 2014-2015: Mentor for a high school student enrolled in the Science Research Program at Saint Francis Preparatory School in Fresh Meadows, New York. She won a first prize at the New York City Science and Engineering Fair and a CUNY scholarship
- 2014: Delivered an open seminar on “At forske i udlandet” (Doing research abroad) to PhD students in the Humanities at the University of Southern Denmark, May 7.
- 2013: Delivered a public lecture, *Darwin’s Insight: The Cultural Evolution of Language*, at the Department of Language and Communication, University of Southern Denmark, May 27.
- 2012: Delivered a public lecture, *Darwin’s Insight: The Cultural Evolution of Language*, as a Visiting Professor at the University of Hong Kong, April 10.
- 2010: Delivered a public lecture, *Darwin’s Insight: The Cultural Evolution of Language*, as the Ida Cornelia Beam Distinguish Visiting Professor at the University of Iowa, October 14.
- 2010: Published an Opinion piece, *GR8! It’s a Text Message From Darwin*, published on the AOLNews site, April 23.
- 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.
- 2004-2005: Hosted a student 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. She went on to do her undergraduate studies at Yale University.