Colin Wilson
Curriculum Vitae (08/2017)

ADDRESS
Department of Cognitive Science, Johns Hopkins University
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EDUCATION

1995–2000	Ph.D., Department of Cognitive Science, Johns Hopkins University

Dissertation: "Targeted constraints: An approach to contextual neutralization in Optimality Theory." (chair: Luigi Burzio)

Research interests: Theoretical and experimental phonology, phonetics, cross-language perception and production, computational cognitive science

1991–1995	B.A. with Honors in Linguistics, University of Colorado, Boulder, CO

ACADEMIC EMPLOYMENT

2008–present   Associate Professor, Cognitive Science Department,
Johns Hopkins University
Director of Undergraduate Studies 2015-
Director of Graduate Studies 2011-2014

2007-2008   Visiting Assistant Professor, Cognitive Science Department, Johns Hopkins University
Associate Professor, Department of Linguistics, UCLA

2000–2007   Assistant Professor, Department of Linguistics, UCLA

Undergraduate courses
Cognition (JHU 050.101): Fall 2009 – 2013, Fall 2015 – 2016
Language & Mind (JHU 050.102): Fall 2017
Phonology I (JHU 050.325/625): Spring 2008, Spring 2010 – 2012; 2016 – 2017
Bayesian Inference (JHU AS.050.371/671): Spring 2013 – 2014
Introduction to Linguistics (UCLA Ling 20): Fall 2002, Spring 2003, Spring 2006
Phonology I (UCLA Ling 120A): Winter 2003, Fall 2006
Phonology II (UCLA Ling 165A): Spring 2002, Spring 2006

Language Development (UCLA Ling 130*, with Nina Hyams): Fall 2001, Winter 2003
Language Processing (UCLA Ling 132): Fall 2001 (with Carson Schütze), Spring 2003 (with Prof. Carson Schütze), Winter 2007
Neurolinguistics (UCLA Ling 135*, with Susie Curtiss): Winter 2002, Spring 2003
*Ling 130, 132, and 135 were cross-listed graduate courses Fall 2001–Spring 2003.

Graduate courses

Research Seminar in Phonology (JHU 050.825) or *Research Seminar in Formal Approaches to Cognition* (JHU 050.825): alternating semesters
Phonological Theory I (UCLA Ling 200A): Fall 2002, Fall 2003, Fall 2006
Phonological Theory II (UCLA Ling 201): Winter 2005
Experiment Phonology (UCLA Ling 217): Fall 2000 (as Ling 251), Winter 2002, Spring 2004, Fall 2005 (with Patricia Keating), Winter 2007
Seminar on Targeted Constraints (UCLA Ling 251): Spring 2001
Seminar on Phonotactics (UCLA Ling 251): Spring 2005 (with Bruce Hayes)

External teaching

Analytic Bias in Phonology (4 week course, with Donca Steriade), Linguistic Society of America (LSA) 2007 Summer Institute, July 5-27, 2007
Introduction to Phonology (4 class sessions), EALing (Fall School in Linguistics), Département d'études cognitives, École Normale Supérieure, Paris, 2003

MANUSCRIPTS

Chodroff, E., Wilson, C. Predictability of stop consonant phonetics across talkers: between-category and within-category dependencies among cues for place and voice. Under review for *Linguistics Vanguard*.

Bae, G. Y., Wilson, C., Holland, P., Flombaum, J. I. Correspondence computations limit spatial working memory performance. Under revision for *Psychological Review*.

PUBLICATIONS

accepted	Wilson, C., Gallagher, G. Accidental gaps and surface-based phonotactic learning: a case study of South Bolivian Quechua. *Linguistic Inquiry*.
2017	Chodroff, E., Wilson, C. Structure in talker-specific phonetic realization: Covariation of stop consonant VOT in American English. *Journal of Phonetics*, 61, 30-47. doi: 10.1016/j.wocn.2017.01.001.
	Young, M., Wilson, C. Markedness effects in visual processing of nonnative onset clusters. In A. Kaplan, A. Kaplan, M.K. McCarvel, E.J. Rubin (eds.), *Proceedings of the 34th West Coast Conference on Formal Linguistics*. Somerville, MA: Cascadilla Proceedings Project.

2016   Davidson, L., Wilson, C. Processing nonnative consonant clusters in the classroom: perception and production of phonetic detail. *Second Language Research*, 32, 471-502. doi:10.1177/0267658316637899.

Johannes, K., Wilson, C., Landau, L. The importance of lexical verbs in the acquisition of spatial prepositions: The case of *in* and *on*. *Cognition*, 157, 174-189. doi:10.1016/j.cognition.2016.08.022.

Wiley, R., Wilson, C., Rapp, B. The effects of alphabet and expertise on letter perception. *Journal of Experimental Psychology: Human Perception and Performance*, 42(8), 1186-1203. doi:10.1037/xhp0000213.

2015   Ferrara, K., Silva, M., Wilson, C., Landau, B. Spatial language and the embedded listener model in parents' input to children. *Cognitive Science*, 1-34. doi: 10.1111/cogs.12328.

Wilson, C., Davidson, L. Acoustic characteristics of open transition in nonnative consonant cluster production. In The Scottish Consortium for ICPhS 2015 (Ed.), Proceedings of the 18th International Congress of Phonetic Sciences. Glasgow, UK: the University of Glasgow. ISBN 978-0-85261-941-4.

Chodroff, E., Godfrey, J., Khudanup, S., Wilson, C. Structured variability in acoustic realization: a corpus study of voicing onset time in American English stops. In The Scottish Consortium for ICPhS 2015 (Ed.), Proceedings of the 18th International Congress of Phonetic Sciences. Glasgow, UK: the University of Glasgow. ISBN 978-0-85261-941-4.

Davidson, L., Martin, S., Wilson, C. Stabilizing the production of nonnative consonant clusters with acoustic variability. *Journal of the Acoustical Society of America*, 137(2), 856-972. doi:10.1121/1.4906264

2014   Wilson, C., Davidson, L., Martin, S. Effects of acoustic-phonetic detail on cross-language speech production. *Journal of Memory and Language*, 77, 1–24. doi:10.1016/j.jml.2014.08.001

Chodroff, E., Wilson, C. Burst spectrum as a cue for the stop voicing contrast in American English. *Journal of the Acoustical Society of America*, 136(5), 2762–2772. doi:10.1121/1.4896470

Zhong, S.Z., Ma, Z., Wilson, C., Liu, Y., Flombaum, J.I. Why do people appear not to extrapolate trajectories during object tracking? A computational investigation. *Journal of Vision*, 14(12):12, 1–30. doi:10.1167/14.12.12

Bae, G.-Y., Olkkonen, M., Allred, S.R., Wilson, C., Flombaum, J.I. Stimulus-specific variability in color working memory with delayed estimation. *Journal of Vision*, 14(4):7, 1–23. doi:10.1167/14.4.7

2013   Kirov, C., Wilson, C. Bayesian speech production: evidence from latency and hyperarticulation. In M. Knauff, M. Pauen, N. Sebanz, and I. Wachsmuth (eds.), *Proceedings of the 35th Annual Meeting of the Cognitive Science Society*, pp. 788-793. Austin, TX: Cognitive Science Society.

Culbertson, J., Wilson, C. Artificial grammar learning of shape-based noun classification. In M. Knauff, M. Pauen, N. Sebanz, and I. Wachsmuth (eds.), *Proceedings of the 35th Annual Meeting of the Cognitive Science Society*, pp. 2118–2123. Austin, TX: Cognitive Science Society.

Culbertson, J., Smolensky, P., Wilson, C. Cognitive biases, linguistic universals, and constraint-based grammar learning, *Topics in Cognitive Science*, 5(3), 392–424.

2012   Kirov, C., Wilson, C. The Specificity of Online Variation in Speech Production. In N. Miyake, D. Peebles, and R. P. Cooper (eds.), *Proceedings of the 34th Annual Meeting of the Cognitive Science Society*, pp. 587-592. Austin, TX: Cognitive Science Society.

Hayes, B., Wilson, C., Shisko, A. Maxent Grammars for the Metrics of Shakespeare and Milton, *Language*, 88(4), 691-731. doi: 10.1353/lan.2012.0089. **Best Paper in *Language* Award (2012).** Supporting information, including software by CW, available on-line at: http://www.linguistics.ucla.edu/people/hayes/ShakespeareAndMilton/

Berent, I., Wilson, C., Marcus, G.F., Bemis, D.K. On the Role of Variables in Phonology: Remarks on Hayes and Wilson 2008. *Linguistic Inquiry*, 43(1), 97-119, doi: 10.1162/LING_a_00075.

Wilson, C. A Targeted Spreading Imperative for Nasal Place Assimilation. In Y. Fainleib, N. LaCara, and Y. Park (eds.), *Proceedings of the 41st Annual Meeting of the North East Linguistic Society*, GLSA Publications.

2009   Wilson, C., Davidson, L. Bayesian Analysis of Non-native Cluster Production. In S. Kan, C. Moore-Cantwell, and R. Staubs (eds.), *Proceedings of the 40th Annual Meeting of the North East Linguistic Society*, GLSA Publications.

2008   Hayes, B., Wilson, C. A Maximum Entropy Model of Phonotactics and Phonotactic Learning. *Linguistic Inquiry*, 39(3), 379-440.

doi:10.1162/ling.2008.39.3.379

2006   Wilson, C., Learning Phonology with Substantive Bias: An Experimental and Computational Study of Velar Palatalization. *Cognitive Science* 30(5), 945-982. [Draft version in *UCLA Working Papers in Linguistics 11: Working Papers in Phonology 6*, ed. Jeffrey Heinz, Andy Martin, and Katya Pertsova, pp. 93-134.]

        Riggle, J., Wilson, C. Local Optionality. In L. Bateman and C. Ussery (eds.), *Proceedings of the 35th Annual Meeting of the North East Linguistic Society*, vol. 2. Charleston, SC: BookSurge.

2003   Wilson, C. Experimental Investigation of Phonological Naturalness. In G. Garding and M. Tsujimura (eds.), *Proceedings of the 22nd West Coast Conference on Formal Linguistics*, pp. 533-546. Somerville, MA: Cascadilla Press.

2001   Wilson, C. Consonant Cluster Neutralization and Targeted Constraints. *Phonology*, 18, 147-197.

        Wilson, C., Bidirectional Optimization and the Theory of Anaphora. In G. Legendre, J. Grimshaw, and S. Vikner (eds.), *Optimality-Theoretic Syntax*, pp. 465-508. Cambridge, MA: MIT Press.

        Straub, K., Wilson, C., McCollum, C., Badecker, W. Prosodic Structure and wh-Questions. *Journal of Psycholinguistic Research*, 30(4), 379-394.

2000   Bakovic, E., Wilson, C. Transparency, Strict Locality, and Targeted Constraints. In R. Billerey and B.D. Lillehaugen (eds.), *Proceedings of the 19th West Coast Conference on Formal Linguistics*, pp. 43-56. Somerville, MA: Cascadilla Press.

1998   Legendre, G., Wilson, C., Smolensky, P. When is Less More? Faithfulness and Minimal Links in *wh*-Chains. In P. Barbosa, D. Fox, P. Hagstrom, M. McGinnis, and D. Pesetsky (eds.), *Is the Best Good Enough? Optimality and Competition in Syntax*, pp. 249-289. Cambridge, MA: MIT Press.

1995   Legendre, G., Smolensky, P., Homer, K., Raymond, W., Wilson, C. Optimality in *wh*-Chains. In Beckman, J., Urbanczyk, S., and Walsh, L. *University of Massachusetts Occasional Papers in Linguistics 18: Papers in Optimality Theory*, pp. 607-636. Amherst: GLSA.

INVITED TALKS / WORKSHOPS / TUTORIALS

2017   TBA, Berkeley, November 27.

Constrained temporal variation in speech, Microsoft Research, August 15.

2016   Memory for phonological structure. Plenary talk at the 2016 Annual Meeting on Phonology, USC, October 21-23.

Beyond bigrams for surface-based phonotactic models: a case study of South Bolivian Quechua. Invited talk at the 14th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology (co-located with ACL 2016), Berlin, Germany, August 11 (joint research with Gillian Gallagher). Also presented at the 2016 Annual Meeting on Phonology, USC, October 21-23.

Clayards, M., Wilson, C. (co-organizers). Higher-order structure in speech variability: phonetic / phonological covariation and talker adaptation. Satellite Event at LabPhon15, Ithaca, NY, July 17.

2015   An articulatory-phonetic account of vowel epenthesis into nonnative clusters, Harvard, November 13 (joint research with Lisa Davidson).

2014   Tutorial on Maximum Entropy Models, Annual Meeting on Phonology, MIT, September 19.

2013   Phonetic and phonological factors in coronal-to-dorsal perceptual assimilation, New York University, April 18 (joint research with Eleanor Chodroff).

2012   Acoustic-phonetic predictors of non-native consonant cluster modification, Stony Brook University, November 16 (joint research with Lisa Davidson).

2011   Bayesian Inference for constraint-based phonology, University of Massachusetts, Amherst, December 2.

Bayesian modeling of cross-language speech processing, University of Pennsylvania, March 24.

2010   Acoustic-phonetic predictors of non-native consonant cluster modification, University of Pennsylvania, November 17 (joint research with Lisa Davidson).

Bayesian modeling of cross-linguistic speech processing, University of Delaware, September 3.

2008   Tutorial and commentary for session "How the Cognitive System Shapes Phonology", Hopkins Workshop on Language 4, Johns Hopkins University, October 12–14.

2007	Learning constraint rankings in the presence of noise, University of Chicago, April 26.
	Artificial grammar and implicational universals, Workshop: Towards an Artificial Grammar Learning Paradigm in Phonology, Annual Meeting of the Linguistic Society of America (LSA), Anaheim, January 6.
2006	Unbounded spreading is myopic, Workshop on Current Perspectives in Phonology, University of Indiana, Bloomington, June 23.
	Ranking as recursive choice, MIT, December 1.
2005	Similarity and bias in phonological learning, Rumelhart Prize Symposium, XXVII Annual Conference of the Cognitive Science Society, Stresa, Italy, July 22.
	Asymmetric generalization of velar palatalization: Experimental evidence for substance in phonology, NYU, October 25, 2004 and UC Santa Barbara, January 20.
	Localizing constraint violation: Theoretical consequences of myopic spreading, Hopkins Workshop on Language 3, Johns Hopkins University, January 14.
2003	Experimental Phonology and Phonological Naturalness: Nasal Assimilation and Dissimilation vs. Random Alternations, UC Santa Cruz, May 2, and Johns Hopkins University, April 3.
	Unbounded Spreading in OT (or, Unbounded Spreading is Local Spreading Iterated Unboundedly), Southwest Optimality Theory Workshop, University of Arizona, Tucson, April 24-26.
	Analytic Bias in Artificial Phonology Learning: Consonant Harmony vs. Random Alternation, Workshop on Markedness and the Lexicon, MIT, January 25.
2002	Unbounded Spreading is Local Spreading Iterated Unboundedly, USC, May 7.
2001	The Theory of Targeted Constraints: Typology, Opacity, and Learnability, UC Santa Cruz, December 7.
	The Targeted Constraint Approach to Phonological Opacity, UC Irvine, June 8.

Learning Phonotactic Distributions with Targeted Constraints, UCSD, May 18, and Southwest Optimality Theory Workshop, USC, April 22.

2000 Targeted Constraints, Contextual Neutralization and Phonological Opacity, UCLA, February 8.

Recoverability, Violability and Ineffability in Syntax and Phonology (presented by Paul Smolensky), Conference on the Optimization of Interpretation, UiL OTS, Utrecht University, January 5.

1999 Consonant Cluster Neutralization and Targeted Constraint, Workshop on the Lexicon in Phonetics and Phonology, University of Alberta, June 13.

1998 Two Arguments for Bidirectional Optimization (November 13) and two invited lectures on bidirectional optimization and anaphora, Workshop on Optimality Theory Syntax, Universität Stuttgart, November 15-16.

1997 Absolute Harmony, Relativized Minimality, and Blocking, Hopkins Optimality Theory Workshop / University of Maryland Mayfest, Johns Hopkins University, May 9.

1996 Bidirectional Optimization for the Binding Theory, Workshop on Optimality Theory and Cognition, Stanford University, December 7.

1995 When is Less More? Faithfulness and Minimal Links in *wh*-Chains (with Géraldine Legendre and Paul Smolensky), Is the Best Good Enough? Workshop on Optimality in Syntax, MIT, May 19.

REFEREED CONFERENCE TALKS / POSTERS

2017 Wilson, C., Chodroff, E. Uniformity of inherent vowel duration across speakers of American English. Poster submitted to the 174th Meeting of the Acoustical Society of America, New Orleans, December 4-8.

Chodroff, E., Wilson, C. Delayed effects of speech and non-speech stimuli on sibilant categorization. Poster submitted to the 174th Meeting of the Acoustical Society of America, New Orleans, December 4-8.

Miani, O., Wilson, C. The formative years: vowel change in a longitudinal study of LDS talks. Talk presented at New Ways of Analyzing Variation 46, Madison, November 2-5.

Wilson, C. Learning constraints for morphophonological classification. Talk presented at the Annual Meeting on Phonology, NYU, September 15-17.

Chodroff, E., Wilson, C. Structured variation in the phonetics of English and Czech sibilant fricatives. Talk presented at the 91st Annual Meeting of the Linguistic Society of America, Austin, TX, January 5-8.

2016   Chodroff, E., Wilson, C. Auditory and acoustic-phonetic mechanisms of adaptation in the perception of sibilant fricatives. Poster presented at the 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, Hawaii, November 28 - December 2.

Wilson, C., Chodroff, E., Nielsen, K. Generalization in VOT imitation: Feature adaptation or acoustic-phonetic covariation? Poster presented at the 5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, Hawaii, November 28 - December 2.

Young, M., Wilson, C. Biases in matching and recall of visual wordforms: evidence from initial consonant clusters. Poster presented at the 38th Annual Meeting of the Cognitive Science Society, Philadelphia, PA, August 11-13.

Wilson, C., Davidson, L. Epenthesis into nonnative consonant clusters: phonetic factors eclipse gradient phonotactics. Talk presented at LabPhon 15: Speech Dynamics and Phonological Representation, Ithaca, NY, July 13-17.

Chodroff, E., Golden, A., Wilson, C. An empirical and computational study of generalized adaptation to talker-specific VOT. Poster presented at LabPhon 15: Speech Dynamics and Phonological Representation, Ithaca, NY, July 13-17.

Wilson, C., Davidson, L. Sonority projection effects: extra syllables without epenthetic vowels. Talk presented at the CUNY Phonology Forum Conference on Sonority, January 14-15.

Chodroff, C., Wilson, C. Covariation of stop consonant acoustics: corpus evidence and implications for talker adaptation. Talk presented at the Annual Meeting of the Linguistic Society of America, Washington, D.C., January 7-10.

Grosu, I., Wilson, C. Experimental evidence for stem ending and size factors in Romanian plural formation. Poster presented at the Annual Meeting of the Linguistic Society of America, Washington, D.C., January 7-10.

2015	Wilson, C., Davidson, L. Voicing asymmetries in vowel insertion into nonnative clusters: perception, phonology, or articulation? Poster presented at the Annual Meeting on Phonology, Vancouver, October 9-11.

Chodroff, E., Wilson, C. Talker variation and systematicity in voice onset time: a corpus study. Poster presented at the 169th Meeting of the Acoustical Society of America, Pittsburgh, May 18-22.

Ma, Z., Zhong, S., Wilson, C., Flombaum, J.I. Multiple object tracking explained with neither fixed nor flexible resources. Poster presented at the Vision Sciences Society Annual Meeting, St. Pete Beach, Florida, May 15-20.

Wilson, C., Chodroff, E. Weighting perceptual cues to stop voice by modeling talker differences. Annual Meeting of the Linguistic Society of America, Portland, January 8-11.

2014   Wilson, C., Davidson, L. Predicting epenthesis in nonnative clusters with a spectral model of schwa. Talk presented at the Annual Meeting on Phonology, MIT, September 19-21.

Wilson, C., Scarborough, R. Comparing neighborhood density and phonotactic probability: Evidence from nasal coarticulation. Poster presented at the Annual Meeting on Phonology, MIT, September 19-21 and the Annual Meeting of the Linguistic Society of America, Portland, January 8-11, 2015.

Atkinson, E., Omaki, A., Wilson, C. Gamma function modeling of visual world eye-tracking data. Poster presented at the 20th AMLaP Conference, Edinburgh, September 6.

Chodroff, E., Wilson, C. Phonetic and phonological factors in coronal-to-dorsal perceptual assimilation. Talk presented at LabPhon 14 - The 14th Conference on Laboratory Phonology, Tokyo, July 25-27.

Davidson, L., Martin, S., Wilson, C. Acoustic variability aids the interpretation of phonetic detail in cross-language speech production. Talk presented at LabPhon 14 - The 14th Conference on Laboratory Phonology, Tokyo, July 25-27.

Zhong, S., Ma, Z., Wilson, C., Flombaum, J.I. Kalman filter models of multiple-object tracking within an attentional window. Talk presented at the Vision Sciences Society Annual Meeting, St. Pete Beach, Florida, May 16-21, 2014.

Chodroff, E., Wilson, C. An acoustic-phonetic account of phonotactic perceptual assimilation. Poster presented at the 167th Meeting of the Acoustical Society of America, Providence, May 5-9.

Chodroff, E., Wilson, C. Burst spectrum as a cue to stop consonant voicing: English production and perception results. Talk presented at the 88th Annual Meeting of the Linguistic Society of America, Minneapolis, January 2-5.

Culbertson, J., Wilson, C. Rapid learning of semantic noun classification in artificial grammar. Talk presented at the 88th Annual Meeting of the Linguistic Society of America, Minneapolis, January 2-5.

2013   Johannes, K., Wilson, C., Landau, B. Lexical verb knowledge in the development of complex spatial language. Poster presented at the 2013 Psychonomic Society Annual Meeting, Toronto, November 14-17.

Menendez, J., Bae, G.-Y., Wilson, C., Flombaum, J. A computational basis for configuration effects in spatial working memory. Poster presented at the 21st Annual Conference of Object Perception, Attention, & Memory, Toronto, November 14.

Ferrara, K., Wilson, C., Kelliher, K., Silva, M., Landau, B. Do parents adapt descriptions of spatial relationships to child knowledge? Poster presented at the 35th Annual Meeting of the Cognitive Science Society, Berlin, July 31-August 3.

Johannes, K., Landau, B., Wilson, C. Modeling spatial language acquisition as a function of lexical verb development. Poster presented at the 35th Annual Meeting of the Cognitive Science Society, Berlin, July 31-August 3.

Martin, S., Davidson, L., Wilson, C. Variability attenuates sensitivity to acoustic detail in cross-language speech production. Poster presented at the ASA Meeting in Montreal, June 2-7.

Bae, G.-Y., Wilson, C., Flombaum, J. Variability in color working memory precision reflects inherent stimulus properties. Talk presented at the 14th Annual Meeting of the Vision Sciences Society, Naples, May 10-15.

Flombaum, J., Zhong, S-h., Ma., Z., Wilson, C., Liu, Y. What is the marginal advantage of extrapolation during multiple object tracking? Insights from a Kalman filter model. Talk presented at the 14th Annual Meeting of the Vision Sciences Society, Naples, May 10-15.

Johannes, K., Wilson, C., Landau, B. Uncovering complex mappings in the acquisition of spatial language. Poster presented at the Biennial Meeting of the Society for Research on Child Development (SRCD), Seattle, April 18-20.

Ferrara, K., Kelliher, K., Silva, M., Wilson, C., Landau, B. Do parents adapt descriptions of spatial relationships to child knowledge? Poster presented at the Biennial Meeting of the Society for Research on Child Development (SRCD), Seattle, April 18-20.

2012   Johannes, K., Wilson, C., Landau, B. Modeling verb choice in spatial language: Refining the learning problem for English. Talk presented at the Boston University Conference on Language Development 37, November 2-4.

Kirov, C., Wilson, C. How phonological context affects phonetic realization. Poster presented at Laboratory Phonology 13, Stuttgart, Germany, July 27-29.

Davidson, L., Wilson, C., Martin, S. Phonological bias, phonetic likelihood: a Bayesian model of non-native cluster production errors. Poster presented at Laboratory Phonology 13, Stuttgart, July 27-29.

Wilson, C., Davidson, L., Martin S. Bayesian interaction of phonetics and phonotactics in cluster production. Talk presented at the 86th Annual Meeting of the Linguistic Society of America, Portland, January 5.

Kirov, C., Wilson, C. Specificity of online variation in speech production. Talk presented at the 86th Annual Meeting of the Linguistic Society of America, Portland, January 6.

2011   Wolmetz, M., Wilson, C., Rapp, B. How we store the sounds of words: Testing the neurocognitive predictions of abstractionist and exemplar theories of spoken word recognition. Neurobiology of Language Conference, Annapolis, November 10.

McCloskey, M., Fischer-Baum, S., Wilson, C., Mathis, D., Glasser, A., Ghodasara, S. Form and functions of orthotactic knowledge. Talk presented at the Psychonomic Society, Seattle, November 4.

Fischer-Baum, S., McCloskey, M., Mathis, D., Wilson, C. Letter position representations in reading: evidence from acquired dyslexia. Academy of Aphasia, October 17.

2010   Hayes, B., Shisko, A., Wilson, C. Maxent grammars for the metrics of Shakespeare and Milton. Talk presented at the 84th Annual Meeting of the Linguistic Society of America, Chicago, January 8.

2008	Goldberg, A.M., Wilson, C., Miozzo, M., Rapp, B. Experimental evidence for gradient heteromorphemic phonotactic restrictions. 84th Annual Meeting of the Linguistic Society of America (LSA), Chicago, January 8. Wolmetz, M., Wilson, C., Smolensky, P. Replicator dynamics of speech perception and categorization. Poster presented at Laboratory Phonology 11, Wellington, New Zealand, June 30 - July 2.
2007	Hayes, B., Wilson, C. A maximum entropy model of phonotactics and phonotactic learning. Talk presented at the Annual Meeting of the Linguistic Society of America, Anaheim, January 4-7.
	Wilson, C. Artifical grammar and implicational universals. Talk presented at the Annual Meeting of the Linguistic Society of America, Anaheim, January 4-7.
2005	"Local Optionality" (with Jason Riggle), North East Linguistic Society (NELS) 35 (poster session), Storrs, Connecticut, October 22.
2004	"Laryngeal markedness and the typology of repair" (presented by Eric Bakovic), Annual Meeting of the Linguistic Society of America (LSA), Boston, January 9.
2003	"Experimental Phonology and Phonological Naturalness: Nasal Assimilation and Dissimilation vs. Random Alternations," West Coast Conference on Formal Linguistics (WCCFL) 21, UCSD, April 3.
2001	"Phonotactic Learning with Targeted Constraints," North East Linguistic Society (NELS) 32, CUNY Graduate Center and NYU, October 21.
2000	"Transparency, Strict Locality, and Targeted Constraints" (with Eric Bakovic), West Coast Conference on Formal Linguistics (WCCFL) 19, UCLA, February 4-6.
2000	"Targeted Constraints and Contextual Neutralization in Optimality Theory," Meeting of the Linguistic Society of America, Chicago, January 6-9.
1999	"Consonant Cluster Neutralization, Harmonic Ordering, and Targeted Constraints," GLOW Workshop on Phonetics in Phonology, University of Potsdam, April 1.
1999	"Bidirectional Optimization for the Binding Theory," NELS 29 (poster session), University of Delaware, October 16-18.

1998	"Prosodic Cues and *wh*-Constructions" (with Courtney McCollum, Kathleen Straub, William Badecker), CUNY 11 (poster session), Rutgers University, March 19-21.

RESEARCH GRANTS

2013	NSF BCS-1344269: Smolensky, P., P.I.; Legendre, G., Omaki, A., Rawlins, K., Van Durme, B., Wilson, C., co-P.I.s. Gradient Symbolic Computation. Integrated NSF Support Promoting Interdisciplinary Research and Education (INSPIRE) Program (Track 1), 9/15/13 – 2/28/18. $999,997.
2011	NSF BCS-1052784: A Bayesian model of phonetic and phonotactic effects in cross-language speech production, National Science Foundation, 09/01/11–02/28/15, $163,817. Collaborative research with Lisa Davidson, NYU.
2005	"Infant Learning of Natural and Unnatural Phonology" ($3000), UCLA Faculty Grants Program
2004	UCLA Career Development Award (1-quarter sabbatical) "Phonological Naturalness and Artificial Grammar" ($2800), UCLA Faculty Grants Program
2003	"Phonological Naturalness and Artificial Grammar" ($1500), UCLA Faculty Grants Program
2001	"Experimental Investigation of Phonological Markednss" ($2,190), UCLA Faculty Grants Program

RESEARCH SOFTWARE

UCLA Phonotactic Learner (Java implementation of the learner described in Hayes & Wilson 2008)

Various scripts for calculating phonotactic probability, lexical neighborhood density, and similar lexical statistics. Experimental scripts in Python and HTML/JavaScript.

GRADUATE STUDENTS ADVISED

At JHU
   Ph.D.
      Christo Kirov (defended 2013, now Postdoctoral fellow, Center for Language and Speech Processing, Johns Hopkins University)

Eleanor Chodroff (defended 2016, now Postdoctoral fellow, Linguistics, Northwestern University)

M.A.
Ian Coffman, Rachael Richardson, Sadhwi Srinivas (co-advisor), Mackenzie Young

1st/2nd research projects
Emily Atkinson, Ozge Gurcanli, Kristen Johannes, Deepti Ramadoss, Sadhwi Srinivas

At UCLA
Ph.D. (non-chair member of committee unless otherwise indicated)
Kuniko Nielsen (2008, co-chair with Pat Keating), Jeffrey Heinz (2007), Andrew Martin (2007), Katya Pertsova (2007), Shabnam Shademan (2007), Greg Kobele (2006), Shigeko Sekine (2006, co-chair with Nina Hyams), Daniel Albro (2005), Heidi Fleischhacker (2005), Sahyang Kim (2004), Jason Riggle (2004), Alex MacBride (2003)

M.A. (non-chair member of committee unless otherwise indicated)
Victoria Thatte (2007, chair), Sameer Khan (2006), Molly Shilman (2005), Kuniko Nielsen (2004), Katya Pertsova (2004), Jason Riggle (2002), Shabnam Shademan (2002), Rebecca Scarborough (Brown) (2001, co-chair with Patricia Keating)

UNDERGRADUATE STUDENTS ADVISED

At JHU
Provost's Undergraduate Research Award
Ioana Grosu (AY 2014–2015)
Research assistants (most recent two years)
Giselle Edwards, Allessandra Golden, Rachel Huselid, O'Reilly Miani, Monica Sohn

PROFESSIONAL ASSOCIATIONS/ACTIVITIES

Tenure review for Wellesley College

Editorial Board member for *Natural Language & Linguistic Theory*, 2016 –

Ad-hoc reviewer for *Journal of the Acoustical Society of America*, *Journal of Experimental Psychology*, *Journal of Phonetics*, *Journal of Memory & Language*, *Laboratory Phonology*, *Language*, *Language Acquisition*, *Linguistic Inquiry* and conferences *Annual Meeting of Phonology*, *EACL*, *EMNLP*, *NELS*, *LabPhon*

2003	Revised the *Phonology* chapter of Fromkin, Rodman & Hyams 2003, *An Introduction to Language*, 7th ed., Boston, MA: Heinle.
1999	Reviewer for *Optimality-Theoretic Syntax*, ed. Géraldine Legendre, Jane Grimshaw, and Sten Vikner, Cambridge, MA: MIT Press.
1999-present	Member of the Linguistic Society of America

UNIVERSITY COMMITTEE SERVICE / AWARDS

2017 Undergraduate Faculty Advising Award

2015- Director of Undergraduate Studies, Department of Cognitive Science

2010-2014 Director of Graduate Studies, Department of Cognitive Science

2005–2007 UCLA Committee on Diversity and Equal Opportunity (CODEO), chair Jody Kreiman)

COMMUNITY SERVICE

2005–2006 Appalachia Service Project (1 week each summer)