

BIBLIOGRAPHY

- Alber, Birgit. 2002. Clash, Lapse and Directionality. Ms. University of Trento.
- Alderete, John. 1996. A formal theory of dissimilation, Handout of talk given at Rum.J.Clam II, May 1996.
- Alderete, John. 1997. Dissimilation as local conjunction. In *NELS 27: Proceedings of the North East Linguistic Society 27*, ed. Kiyomi Kusumoto, 17-32. Amherst, MA: GLSA Publications.
- Anttila, Arto. 1997. Deriving variation from grammar. In *Variation, Change and Phonological Theory*, eds. Frans Hinskens, Roeland van Hout and W. Leo Wetzels, 35-68. Amsterdam: John Benjamins.
- Anttila, Arto. 2002. Morphologically conditioned phonological change. *Natural Language and Linguistic Theory* 20:1-42.
- Anttila, Arto, and Cho, Young-mee Yu. 1998. Variation and change in Optimality Theory. *Lingua* 104:31-56.
- Anttila, Arto, and Fong, Vivienne. 2002. Variation, Ambiguity, and Noun Classes in English. Ms. New York University and National University of Singapore.
- Anttila, Arto, and Revithiadou, Anthi. 2000. Variation in allomorph selection. Paper presented at *NELS 30: Proceedings of the North East Linguistic Society 30*, Amherst.
- Baayen, R., Piepenbrock, R., and Gulikers, L. 1995. *The CELEX lexical database (CD-ROM)*. Philadelphia, PA: Linguistic Data Consortium.
- Bailey, Todd M., and Hahn, Ulrike. 1998. Determinants of wordlikeness. In *Proceedings of the Twentieth Annual Conference of the Cognitive Science Society*, eds. Morton Ann Gernsbacher and Sharon J. Derry, 90-95. London: Lawrence Erlbaum Associates.
- Bakovic, Eric. 1999. Deletion, Insertion, and Symmetrical Identity. Ms. Harvard University.
- Bakovic, Eric, and Wilson, Colin. 2000. Transparency, strict locality, and targeted constraints. In *WCCFL 19: The Proceedings of the West Coast Conference on Formal Linguistics XIX*, eds. Roger Billerey and Brook Danielle Lillehaugen, 43-56. Somerville, MA: Cascadilla Press.
- Balota, David A., and Chumbley, James I. 1984. Are lexical decisions a good measure of lexical access? The role of word frequency in the neglected decision stage. *Journal of Experimental Psychology: Human Perception and Performance* 10:340-357.

- Bat-El, Outi. 1994. Stem modification and cluster transfer in Modern Hebrew. *Natural Language & Linguistic Theory* 12:571-596.
- Bayley, Robert. 1995. Consonant cluster reduction in Tejano English. *Language Variation and Change* 6:303-326.
- Bayley, Robert. 1997. Variation in Tejano English: evidence for variable lexical phonology. In *Language Variety in South Revisited*, eds. Cynthia Bernstein, Thomas Nunnally and Robin Sabino, 197-209. Tuscaloosa: The University of Alabama Press.
- Berent, Iris, Everett, Daniel L., and Shimron, Joseph. 2001a. Do phonological representations specify variables? Evidence from the Obligatory Contour Principle. *Cognitive Psychology* 42:1-60.
- Berent, Iris, Marcus, Gary F., Shimron, Joseph, and Gafos, Adamantios I. 2002. The scope of linguistic generalizations: evidence from Hebrew word formation. *Cognition* 83:113-139.
- Berent, Iris, and Shimron, Joseph. 1997. The representation of Hebrew words: evidence from the obligatory contour principle. *Cognition* 64:39-72.
- Berent, Iris, Shimron, Joseph, and Vaknin, Vered. 2001b. Phonological constraints on reading: evidence from the Obligatory Contour Principle. *Journal of Memory and Language* 44:644-665.
- Berkley, Deborah Milam. 1994a. Variability and Obligatory Contour Principle effects. In *CLS 30: Proceedings of the 30th Annual Meeting of the Chicago Linguistic Society. Volume 2: The Parasession on Variation and Linguistic Theory*. Chicago: Chicago Linguistic Society.
- Berkley, Deborah Milam. 1994b. The OCP and gradient data. *Studies in the Linguistic Sciences* 24:59-72.
- Berkley, Deborah Milam. 2000. *Gradient Obligatory Contour Principle Effects*. Ph.D. dissertation, North Western University, Chicago.
- Boersma, Paul. 1998. *Functional Phonology: Formalizing the Interactions between Articulatory and Perceptual Drives*. Ph.D. dissertation, University of Amsterdam.
- Boersma, Paul, and Hayes, Bruce P. 2001. Empirical tests of the Gradual Learning Algorithm. *Linguistic Inquiry* 32:45-86.
- Broselow, Ellen. 1991. The Structure of Fricative-Stop Onsets. Ms. State University of New York, Stony Brook.

- Browman, Catherine P., and Goldstein, Louis. 1990. Tiers in articulatory phonology, with some implications for casual speech. In *Papers in Laboratory Phonology I: Between the Grammar and Physics of Speech*, eds. John Kingston and Mary E. Beckman. Cambridge: Cambridge University Press.
- Brown, Roger W., and Hildum, Donald C. 1956. Expectancy and the perception of syllables. *Language* 32:411-419.
- Browne, Wayles. 1981. Slavic -ba and English *slil: two persistent constraints. *Folia Slavica* 4:219-225.
- Carnap, Rudolf. 1962. *Logical Foundations of Probability. 2nd edition.* Chicago: University of Chicago Press.
- Cedergren, Henrietta J., and Sankoff, David. 1974. Variable rules: performance as a statistical reflection of competence. *Language* 50:333-355.
- Cedergren, Henrietta J., and Simoneau, L. 1985. La chute des voyelles fermées en français des Montréal: as-tu entendu la belle syncope? In *Les Tendances Dynamiques du Français à Montréal*, eds. Henrietta J. Cedergren and Monique Lemieux, 55-144. Montréal: Office de la Langue Française.
- Celdran, E.M., and Villalba, X. 1995. Locus equations as a metric for place of articulation in automatic speech recognition. In *ICPhS XIII: Proceedings of the XIIIth International Congress of Phonetic Sciences, Stockholm, Sweden. Volume 1*, 30-33.
- Chomsky, Noam, and Halle, Morris. 1968. *The Sound Pattern of English.* New York: Harper & Row.
- Clements, George N. 1988. The role of the sonority cycle in core syllabification. *Working Papers of the Cornell Phonetics Laboratory* 2:1-68.
- Clements, George N., and Keyser, Samuel Jay. 1983. *CV Phonology: a Generative Theory of the Syllable.* Cambridge: MIT Press.
- Coetzee, Andries W. 1996a. The Phonology of Tiberian Hebrew Words Ending on Underlying Consonant Clusters, Department of Semitic Languages, Potchefstroom University for Christian Higher Education, South Africa: M.A.
- Coetzee, Andries W. 1996b. The neutral reduced vowel, vowel epenthesis and segholate formation in Tiberian Hebrew. *South African Journal of Linguistics Supplement* 31:5-21.
- Coetzee, Andries W. 1999a. *Tiberian Hebrew Phonology: Focussing on Consonant Clusters.* Studia Semitica Neerlandica. Assen: Van Gorcum.

- Coetzee, Andries W. 1999b. Hebrew and Aramaic segholation and the generality and ordering of phonological rules. *Journal of Semitic Studies* 44:215-226.
- Coetzee, Andries W. to appear. The Obligatory Contour Principle in the Perception of English. In *Proceedings of the First Conference on Phonetics and Phonology in Iberia*, eds. Sonia Frota, Marina Vigario and Maria Joao Freitas. New York: Mouton.
- Coleman, John, and Pierrehumbert, Janet. 1997. Stochastic phonological grammars and acceptability. In *Computational Phonology. Third Meeting of the ACL Special Interest Group in Computational Phonology*, 49-56. Somerset: Association for Computational Linguistics.
- Crosswhite, Katherine. 2000a. The analysis of extreme vowel reduction. In *UCLA Working Papers in Linguistics 4: Papers in Phonology*, eds. Adam Albright and Taehong Cho, 1-12. Los Angeles: Department of Linguistics, UCLA.
- Crosswhite, Katherine. 2000b. Sonority-driven reduction. In *BLS 26*.
- Crosswhite, Katherine. 2001. *Vowel Reduction in Optimality Theory*. New York: Routledge.
- Cutler, Anne, Mehler, Jacques, Norris, Dennis, and Segui. 1987. Phoneme identification and the lexicon. *Cognitive Psychology* 19:141-177.
- Davey, B. A., and Priestley, H. A. 1990. *Introduction to Lattices and Order*. Cambridge: Cambridge University Press.
- Davis, Stuart. 1982. On the internal organization of syllable constituents. In *Coyote Papers 3: Working Papers in Linguistics of the University of Arizona*, ed. Thomas G. Larson, 3-22. Tucson: University of Arizona.
- Davis, Stuart. 1984. Some implications of onset-coda constraints for syllable phonology. Paper presented at *CLS 20: Papers from the Twentieth Regional Meeting of the Chicago Linguistics Society*, Chicago.
- Davis, Stuart. 1988a. Syllable onsets as a factor in stress rules. *Phonology* 5:1-19.
- Davis, Stuart. 1988b. *Topics in Syllable Geometry*. Outstanding Dissertation in Linguistics. New York: Garland.
- Davis, Stuart. 1989. Cross-vowel phonotactic constraints. *Computational Linguistics* 15:109-110.
- Davis, Stuart. 1991. Coronals and the phonotactics of nonadjacent consonants in English. In *The Special Status of Coronals: Internal and External Evidence*, eds. C. Paradis and J.F. Prunet, 49-60. San Diego: Academic Press.

- de Lacy, Paul. 2002. *The Formal Expression of Markedness*. Ph.D. dissertation, University of Massachusetts, Amherst.
- de Lacy, Paul. 2003. Conflation and hierarchies. In *Cambridge Occasional Papers in Linguistics 1*, eds. Luisa Astruc-Aguilera and Marc Richards. Cambridge: Linguistics Department, University of Cambridge.
- Diehl, Randy L., and Walsh, Margaret A. 1989. An auditory basis for the stimulus-length effect in the perception of stops and glides. *Journal of the Acoustical Society of America* 85:2154-2164.
- Eek, A., and Meister, E. 1995. The perception of stop consonants: locus equations and spectral integration. In *ICPhS XIII: Proceedings of the XIIIth International Congress of Phonetic Sciences, Stockholm, Sweden. Volume 1*, 18-21.
- Eimas, P.D., Marcovitz Hornstein, S.B., and Payton, P. 1990. Attention and the role of dual codes in phoneme monitoring. *Journal of Memory and Language* 29:160-180.
- Eimas, P.D., and Nygaard, L.C. 1992. Contextual coherence and attention in phoneme monitoring. *Journal of Memory and Language* 31:375-395.
- Eisner, Jason. 1997a. Efficient generation in Primitive Optimality Theory. Ms. Department of Computer and Information Science, University of Pennsylvania, Philadelphia.
- Eisner, Jason. 1997b. What constraints should OT allow? Handout Presentation Given at LSA Meeting in Chicago, 4 January 1997.
- Eisner, Jason. 1999. Doing OT in a straightjacket. Handout for Talk Presented at UCLA, 14 June 1999.
- Elenbaas, Nine, and Kager, René. 1999. Ternary rhythm and the Lapse constraint. *Phonology* 16:273-330.
- Enderton, Herbert B. 1977. *Elements of Set Theory*. New York: Academic Press.
- Epstein, Samuel David. 1990. Differentiation and reduction in syntactic theory: a case theory. *Natural Language & Linguistic Theory* 8:313-323.
- Epstein, Samuel David. 2000. Differentiation and reduction in syntactic theory: a case study. In *Essays in Syntactic Theory*, ed. Samuel David Epstein, 83-93. New York: Routledge.
- Even-Shoshan, A. 1993. *Ha'milon ha'xadash*. [Title in English: *The New Dictionary*]. Jerusalem: Kiryat-Sefer.

- Fails, Willis C., and Clegg, J. Halvor. 1992. A spectrographic analysis of Portuguese stressed and unstressed vowels. In *Romance Linguistics: The Portuguese Context*, eds. Dale A. Koike and Donald P. Macedo, 31-42. Westport: Bergin & Garvey.
- Fasold, R. 1972. *Tense Marking in Black English*. Arlington: Center for Applied Linguistics.
- Firth, J.R. 1935. The use and distribution of certain English sounds. *English Studies: A Journal of English Letters and Philology* 17:8-18.
- Firth, J.R. 1935-1937. Alphabets and phonology in India and Burma. *Bulletin of the School of Oriental Research (University of London)* 8:517-546.
- Fleischhacker, Heidi. 2001. Cluster dependent epenthesis asymmetries. In *UCLA Working Papers in Linguistics 7: Papers in Phonology 5*, eds. Adam Albright and Taehong Cho, 71-116. Los Angeles: UCLA.
- Fleischhacker, Heidi. 2002. Onset transfer in reduplication. Ms., *Paper presented at the annual meeting of the LSA, San Francisco, January 2002*. UCLA, Los Angeles. (Available at www.linguistics.ucla.edu/people/grads/fleischhacker).
- Fowler, Carol A. 1994. Invariants, specifiers, cues: an investigation of locus equations as information for place of articulation. *Perception and Psychophysics* 55:597-610.
- Frauenfelder, U.H, and Seguí, J. 1989. Phoneme monitoring and lexical processing: evidence for associative context effects. *Memory and Cognition* 17:134-140.
- Frisch, Stefan A., Large, Nathan R., Zawaydeh, Bushra Adnan, and Pisoni, David B. 2001. Emergent phonotactic generalizations in English and Arabic. In *Frequency and the Emergence of Linguistic Structure*, eds. Joan L. Bybee and Paul Hopper, 159-179. Amsterdam: John Benjamins.
- Frisch, Stefan A., Pierrehumbert, Janet B., and Broe, Michael B. 2004. Similarity Avoidance and the OCP. *Natural Language & Linguistic Theory* 22(1):179-228.
- Frisch, Stefan A., and Zawaydeh, Bushra Adnan. 2001. The psychological reality of OCP-Place in Arabic. *Language* 77:91-106.
- Fruchter, David, and Sussman, Harvey M. 1997. The perceptual relevance of locus equations. *Journal of the Acoustical Society of America* 102:2997-3008.
- Fudge, E.C. 1969. Syllables. *Journal of Linguistics* 5:253-286.
- Fujimura, Osamu, and Lovins, Julie B. 1978. Syllables as concatenative phonetic units. In *Syllables and Segments*, eds. Alan Bell and Joan B. Hooper, 107-120. Amsterdam: North-Holland Publishing Company.

- Gafos, Adamantios I. 1998. Eliminating long-distance consonantal spreading. *Natural Language and Linguistic Theory* 16:223.
- Gafos, Adamantios I. 2003. Greenberg's asymmetry in Arabic: a consequence of stems in paradigms. *Language* 79:317-355.
- Ganong, W.F. 1980. Phonetic categorization in auditory word perception. *Journal of Experimental Psychology: Human Perception and Performance* 6:110-125.
- Garr, W.R. 1989. The *seghol* and segholation in Hebrew. *Journal of Near Eastern Studies* 48:109-116.
- Gnanadesikan, Amalia. 1996. Child phonology in Optimality Theory: Ranking markedness and faithfulness constraints. In *Proceedings of the 20th Annual Boston University Conference on Language Development*, eds. A. Stringfellow, D. Cahana-Amitay, E. Hughes and A. Zukowski, 237-248. Somerville, MA: Cascadilla Press.
- Goldsmith, John. 1976. An overview of autosegmental phonology. *Linguistic Analysis* 2:23-68.
- Gouskova, Maria. 2001. Falling sonority onsets, loanwords, and syllable contact. In *CLS 37: Papers from the 37th Meeting of the Chicago Linguistic Society. Vol. 1: The Main Session*, eds. Mary Andronis, Christopher Ball, Heidi Elston and Sylvain Neuvel, 175-185. Chicago: CLS.
- Gouskova, Maria. 2003. *Deriving Economy: Syncope in Optimality Theory*. Ph.D. dissertation, University of Massachusetts, Amherst.
- Greenberg, Joseph H. 1950. The patterning of root morphemes in Semitic. *Word* 6:162-181.
- Guy, Gregory R. 1980. Variation in the group and the individual. In *Locating Language in Time and Space*, ed. William Labov, 1-36. New York: Academic.
- Guy, Gregory R. 1981. Parallel variability in American dialects of Spanish and Portuguese. In *Variation Omnibus*, eds. David Sankoff and Henrietta J. Cedergren, 85-96. Edmonton: Linguistics Research, Inc.
- Guy, Gregory R. 1991a. Explanation in variable phonology: an exponential model of morphological constraints. *Language Variation and Change* 3:1-22.
- Guy, Gregory R. 1991b. Contextual conditioning in variable lexical phonology. *Language Variation and Change* 3:223-239.

- Guy, Gregory R. 1994. The phonology of variation. In *CLS 30: Papers from the 30th Regional Meeting of the Chicago Linguistic Society. Volume 2: The Parasession on Variation in Linguistic Theory*, eds. Katharine Beals et al., 133-149. Chicago: Chicago Linguistic Society.
- Guy, Gregory R. 1997. Violable is variable: Optimality Theory and linguistic variation. *Language Variation and Change* 9:333-347.
- Guy, Gregory R., and Boberg, Charles. 1997. Inherent variability and the obligatory contour principle. *Language Variation and Change* 9:149-164.
- Guy, Gregory R., and Boyd, Sally. 1990. The development of a morphological class. *Language Variation and Change* 2:1-18.
- Hammond, Michael. 1994. An OT account of variability in Walmatjari stress. Ms. University of Arizona.
- Hammond, Michael. 1997. Parsing syllables: Modeling OT computationally. Ms.
- Hammond, Michael. 2000. The logic of Optimality Theory. Ms. University of Arizona.
- Hartkemeyer, Dale C. 2000. **V: An Optimality Theoretic Analysis of Vowel Loss Phenomena with Special Reference to Latin, Early Western Romance, and Basque, Linguistics*. Ph.D. dissertation, University of Illinois at Urbana-Champaign.
- Hayes, Bruce P. 1980. *A Metrical Theory of Stress Rules*. Ph.D. dissertation, MIT, Cambridge.
- Hayes, Bruce P. 1982. Extrametricality and English stress. *Linguistic Inquiry* 13:227-276.
- Hayes, Bruce P. 1985. *A Metrical Theory of Stress Rules*. Outstanding Dissertations in Linguistics. New York: Garland.
- Hayes, Bruce P. 1995. *Metrical Stress Theory: Principles and Case Studies*. Chicago: University of Chicago Press.
- Hayes, Bruce P. 1997. Gradient Well-Formedness in Optimality Theory. In *Handout for talk given at the University of Oregon on April 4, 1997*.
- Hayes, Bruce P. 1998. Gradient Well-Formedness in Optimality Theory. Ms. UCLA.
- Hayes, Bruce P., and MacEachern, Margaret. 1996. Folk Verse Form in English. Ms. UCLA.
- Hayes, Bruce P., and MacEachern, Margaret. 1997. Quatrain Form in English Folk Verse. Ms. UCLA.
- Haywood, J.A., and Nahmad, H.M. 1965. *A New Arabic Grammar of the Written Language*. London: Lund Humphries.

- Hinskens, Frans. 1992. *Dialect Leveling in Limburg. Structural and Sociolinguistic Aspects*. Ph.D. dissertation, Katholieke Universiteit te Nijmegen.
- Hinskens, Frans. 1996. *Dialect Leveling in Limburg: Structural and Sociolinguistic Aspects*. Tübingen: Niemeyer.
- Hinskens, Frans, van Hout, Roeland, and Wetzels, W. Leo. 1997. Balancing data and theory in the study of phonological variation and change. In *Variation, Change and Phonological Theory*, eds. Frans Hinskens, Roeland van Hout and W. Leo Wetzels, 1-33. Amsterdam: John Benjamins.
- Hockett, Charles F. 1955. *A Manual of Phonology*. Baltimore: Waverly Press.
- Holmes, Janet. 1995. Glottal stops in New Zealand English: an analysis of variants of word-final /t/. *Linguistics* 33:433-463.
- Itô, Junko, and Mester, Armin. 1997. Sympathy Theory and German truncations. In *University of Maryland Working Papers in Linguistics 5. Selected Papers from the Hopkins Optimality Workshop 1997/University of Maryland Mayfest 1997*, eds. Viola Miglio and B. Moreen. College Park: University of Maryland.
- Itô, Junko, and Mester, Armin. 1998. Markedness and Word Structure: OCP effects in Japanese. Ms. University of California, Santa Cruz.
- Itô, Junko, and Mester, Armin. 1999. The phonological lexicon. In *A Handbook of Japanese Linguistics*, ed. N. Tsujimura, 62-100. Oxford: Blackwell.
- Itô, Junko, and Mester, Armin. 2003. On the sources of opacity in OT. In *The Syllable in Optimality Theory*, eds. Caroline Féry and Ruben van de Vijver, p. 271-303. Cambridge: Cambridge University Press.
- Jakobson, Roman. 1968. *Child Language, Aphasia, and Phonological Universals*. The Hague: Mouton.
- Johansson, Stig. 1973. Linking and intrusive /r/ in English: a case of more concrete phonology. *Studia Linguistica* 27:53-68.
- Kager, René. 2001. Rhythmic Directionality by Positional Licensing. Ms., *Fifth HIL Phonology Conference, University of Potsdam, 11 January 2001*.
- Kahn, Daniel. 1976. *Syllable Based Generalizations in English Phonology*. Ph.D. dissertation, MIT, Cambridge.
- Kahn, Daniel. 1980. *Syllable-Based Generalizations in English Phonology*. Outstanding Dissertations in Linguistics. New York: Garland.

- Kang, Hyeon-Seok. 1994. Variation in past-marking and the question of the system in Trinidadian English. In *CLS 30: Papers from the 30th Regional Meeting of the Chicago Linguistic Society. Volume 2: The Parasession on Variation in Linguistic Theory*, eds. Katharine Beals *et al.*, 150-164. Chicago: Chicago Linguistic Society.
- Karinš, A. Krišjanis. 1995a. Vowel deletion in Latvian. *Language Variation and Change* 7:15-34.
- Karinš, A. Krišjanis. 1995b. Phonetic evidence for phonological structure: word stress in Latvian. In *Proceedings of the 13th International Congress of Phonetic Sciences*, eds. K. Elenius and P. Branderud, 642-645. Stockholm: KTH and Stockholm University.
- Karttunen, Lauri. 1998. The proper treatment of optimality in computational phonology. Paper presented at *Proceedings of FSMNLP'98. International Workshop on Finite-State Methods in Natural Language Processing, June 29-July 1, 1998*, Bilkent University, Ankara, Turkey.
- Kay, Paul, and McDaniel, Chad K. 1979. On the logic of variable rules. *Language in Society* 8:151-187.
- Kaye, Jonathan, Lowenstamm, Jean, and Vergnaud, Jean-Roger. 1990. Constituent structure and government in phonology. *Phonology* 7:193-231.
- Kenstowicz, Michael, and Green, Tom. 1995. The Lapse Constraint. Ms. Massachusetts Institute of Technology, Cambridge.
- Kewley-Port, Diane. 1983. Time-varying features as correlates of place of articulation in stop consonants. *Journal of the Acoustical Society of America* 73:322-335.
- Kewley-Port, Diane, Pisoni, David B., and Studdert-Kennedy, Michael. 1983. Perception of static and dynamic acoustic cues to place of articulation in initial stop consonants. *Journal of the Acoustical Society of America* 73:1779-1793.
- Kingston, John. to appear. Keeping and losing contrasts. In *BLS 28: Proceedings of the 28th Annual Meeting of the Berkeley Linguistics Society*.
- Kingston, John, and Shinya, Takahito. 2003. Markedness asymmetries in place perception in consonant clusters. In *ICPhS XV: Proceedings of the XVth International Congress of Phonetic Sciences, Barcelona, Spain*, 399-492.
- Kiparsky, Paul. 1993. Variable Rules. In *Handout for a talk given at the First Rutgers Optimality Workshop, held at Rutgers University in October 1993*.
- Kornai, András. 1995. *Formal Phonology*. New York: Garland.

- Kuryłowicz, Jerzy. 1971. A problem of German alliteration. In *Studies in Language and Literature in Honour of Margaret Schlauch*, eds. Mieczyslaw Brahmmer, Stanislaw Hellsztynski and Julian Kryzanowski, 195-201. New York: Russell & Russell.
- Labov, William. 1972. *Sociolinguistic Patterns*. Philadelphia: University of Pennsylvania Press.
- Labov, William. 1989. The child as linguistic historian. *Language Variation and Change* 1:85-97.
- Labov, William. 1997. Resyllabification. In *Variation, Change and Phonological Theory*, eds. Frans Hinskens, Roeland van Hout and W. Leo Wetzels, 145-179. Amsterdam: John Benjamins.
- Labov, William, Cohen, P., Robins, C., and Lewis, J. 1968. *A Study of the Non-standard English of Negro and Puerto Rican Speakers in New York City. Volume 1*. Philadelphia: U.S. Regional Survey.
- Ladefoged, Peter, and Maddieson, Ian. 1996. *The Sounds of the World's Languages*. Phonological theory. Oxford: Blackwell.
- Lahiri, Aditi, Gewirth, Letitia, and Blumstein, Sheila E. 1984. A reconsideration of acoustic invariance for place of articulation in diffuse stop consonants: evidence from a cross-language study. *Journal of the Acoustical Society of America* 76:391-404.
- Lamontagne, Greg. 1993. *Syllabification and Consonant Cooccurrence Conditions*. Ph.D. dissertation, University of Massachusetts, Amherst.
- Leben, William. 1973. *Suprasegmental Phonology*. Ph.D. dissertation, MIT, Cambridge.
- Lisker, L. 1986. <<Voicing>> in English: a catalogue of acoustic features signaling /b/ versus /p/ in trochees. *Language and Speech* 29:3-11.
- Lisker, L., and Abramson, A. 1964. A cross linguistic study of voicing in initial stops: acoustical measurements. *Word* 20:384-422.
- Lombardi, Linda. 1998. Evidence for MaxFeature constraints from Japanese. *University of Maryland Working Papers in Linguistics* 7:41-64.
- Lombardi, Linda. 2001. Why Place and Voice are different: constraint-specific alternations in Optimality Theory. In *Segmental Phonology in Optimality Theory. Constraints and Representations*, ed. Linda Lombardi, 13-45. Cambridge: Cambridge University Press.
- Łubowicz, Anna. 1998. Derived Environment in Optimality Theory. Ms. University of Massachusetts, Amherst.

- Łubowicz, Anna. 1999. Derived environment effects in OT. In *WCCFL 17: The Proceedings of the West Coast Conference on Formal Linguistics 17*, eds. Kimary N. Shahin, Susan J. Blake and Eun-Sook Kim, 451-465. Stanford: CSLI Publications.
- Łubowicz, Anna. 2002. Derived environment effects in Optimality Theory. *Lingua* 112:243-280.
- Luce, Paul A. 1986. Neighborhoods of words in the mental lexicon, Department of Psychology, Indiana University.
- Luce, Paul A., and Pisoni, David B. 1998. Recognizing spoken words: the neighborhood activation model. *Ear and Hearing* 19:1-35.
- Maddieson, Ian. 1984. *Patterns of Sounds*. Cambridge studies in speech science and communication. Cambridge: Cambridge University Press.
- Major, Roy C. 1981. Stress-timing in Brazilian Portuguese. *Journal of Phonetics* 9:343-351.
- Major, Roy C. 1985. Stress and rhythm in Brazilian Portuguese. *Language* 61:259-282.
- Major, Roy C. 1992. Stress and rhythm in Brazilian Portuguese. In *Romance Linguistics: The Portuguese Context*, eds. Dale A. Koike and Donald P. Macedo, 3-30. Westport: Bergin & Garvey.
- Malécot, André. 1958. The role of releases in identification of released final stops. *Language* 34:370-380.
- Malone, Joseph L. 1972. A Hebrew flip-flop rule and its historical origins. *Lingua* 30:422-448.
- Malone, Joseph L. 1993. *Tiberian Hebrew Phonology*. Winona Lake: Eisenbrauns.
- Martinez-Gil, Fernando. 1997. Word-final epenthesis in Galician. In *Issues in the Phonology and Morphology of the Major Iberian Languages*, eds. Fernando Martinez-Gil and Alfonso Morales-Front. Washington, D.C.: Georgetown University Press.
- Martins, Maria Raquel Delgado. 1964 and 1973. Análise acústica das vogais orais tónicas em português. *Boletim de Filologia* 22:303-314.
- Mateus, Maria Helena, and d'Andrade, Ernesto. 2000. *The Phonology of Portuguese*. The Phonology of the World's Languages. Oxford: Oxford University Press.
- McCarthy, John J. 1979. *Formal Problems in Semitic Phonology and Morphology*, Linguistics, MIT.

- McCarthy, John J. 1981. A prosodic theory of nonconcatenative morphology. *Linguistic Inquiry* 12:373-418.
- McCarthy, John J. 1986. OCP effects: gemination and antigemination. *Linguistic Inquiry* 17:207-263.
- McCarthy, John J. 1991. Synchronic rule inversion. In *BLS 17: Proceedings of the 17th Annual Meeting of the Berkeley Linguistics Society*, eds. Laurel A. Sutton, Christopher Johnson and Ruth Shields, 192-207. Berkeley: Berkeley Linguistics Society.
- McCarthy, John J. 1993. A case of surface constraint violation. *Canadian Journal of Linguistics* 38:169-195.
- McCarthy, John J. 1994. The phonetics and phonology of Semitic pharyngeals. In *Phonological Structure and Phonetic Form: Papers in Laboratory Phonology 3*, ed. Patricia Keating, 191-233. Cambridge: Cambridge University Press.
- McCarthy, John J. 2002a. Comparative markedness. In *UMOP 26: University of Massachusetts Occasional Papers in Linguistics 26. Papers in Optimality Theory II*, eds. Angela C. Carpenter, Andries W. Coetzee and Paul De Lacy, 171-246. Amherst: GLSA.
- McCarthy, John J. 2002b. *A Thematic Guide to Optimality Theory*. Cambridge: Cambridge University Press.
- McCarthy, John J., and Prince, Alan. 1990a. Foot and word in prosodic morphology: the Arabic broken plural. *Natural Language & Linguistic Theory* 8:209-283.
- McCarthy, John J., and Prince, Alan. 1990b. Prosodic morphology and templatic morphology. In *Perspectives on Arabic Linguistics II: Papers From the Second Annual Symposium on Arabic Linguistics*, eds. Mushira Eid and John J. McCarthy, 1-54. Amsterdam: John Benjamins.
- McCarthy, John J., and Prince, Alan. 1993a. Prosodic Morphology I: Constraint Interaction and Satisfaction. Report no. RuCCS-TR-3. Ms. New Brunswick, Rutgers University Center for Cognitive Science.
- McCarthy, John J., and Prince, Alan. 1993b. Generalized alignment. In *Yearbook of Morphology*, eds. Geert Booij and Jaap van Marle, 79-153. Dordrecht: Kluwer.
- McCarthy, John J., and Prince, Alan S. 1994. The emergence of the unmarked: optimality in prosodic morphology. In *NELS 24: Proceedings of the North East Linguistic Society*, ed. M. Gonzales, 333-379. Amherst: GLSA, University of Massachusetts.

- McCarthy, John J., and Prince, Alan S. 1995. Faithfulness and reduplicative identity. In *UMOP 18: University of Massachusetts Occasional Papers in Linguistics. Papers in Optimality Theory*, eds. Jill Beckman, Laura Walsh Dickey and Suzanne Unbanczyk, 249-384. Amherst: GLSA, University of Massachusetts.
- Mees, I. 1987. Glottal stop as a prestigious feature in Cardiff English. *Englishes World-Wide* 8:25-39.
- Meyer, Kuno. 1909. *A Primer of Irish Metrics. With a Glossary, and an Appendix Containing an Alphabetical List of the Poets of Ireland*. Dublin: School of Irish Learning.
- Moreton, Elliott. 1999. Non-computable functions in Optimality Theory. Ms. University of Massachusetts, Amherst.
- Moreton, Elliott. 2002a. Structural constraints in the perception of English stop-sonorant clusters. *Cognition* 84:55-71.
- Moreton, Elliott. 2002b. *Phonological Grammar in Speech Perception*. Ph.D. dissertation, University of Massachusetts, Amherst.
- Moreton, Elliott. 2003. Evidence for phonological grammar in speech perception. In *Handout for the Workshop on Markedness and the Lexicon held at MIT in January 2003*.
- Morgenbrod, M., and Serifi, E. 1981. The sound structure of verb roots in modern Hebrew. *Journal of Linguistics* 17:11-16.
- Moscato, Sabatino. 1964. *An Introduction to the Comparative Grammar of the Semitic Languages: Phonology and Morphology*. Porta Linguarum Orientalium. Wiesbaden: Otto Harrassowitz.
- Murphy, Gerard. 1961. *Early Irish Metrics*. Dublin: Royal Irish Academy.
- Nagy, Naomi, and Reynolds, Bill. 1997. Optimality Theory and variable word-final deletion in Faetar. *Language Variation and Change* 9:37-55.
- Nearey, T.M., and Shammass, S.E. 1987. Formant transitions as partly distinctive invariant properties in the identification of voiced stops. *Canadian Acoustics* 15:17-24.
- Neu, Helene. 1980. Ranking of constraints on /t,d/ deletion in American English: a statistical analysis. In *Locating Language in Time and Space*, ed. William Labov, 37-54. New York: Academic Press.
- Newman, Rochelle S., Sawusch, James R., and Luce, Paul A. 1997. Lexical neighborhood effects in phonetic processing. *Journal of Experimental Psychology* 23:873-889.

- Ohala, John J. 1990. The phonetics and phonology of aspects of assimilation. In *Papers in Laboratory Phonology I*, eds. J. Kingston and M.E. Beckman, 258-275. Cambridge: Cambridge University Press.
- O'Leary, De Lacy. 1969. *Comparative Grammar of the Semitic Languages*. Amsterdam: Philo Press.
- Oliviera, Jura D. 1993. *Conversational Portuguese*. New York: Crown.
- Padgett, Jaye. 1991. OCP subsidiary features. In *NELS 22: Proceedings of the Northeast Linguistic Society*, 335-346. Amherst, MA: GLSA.
- Paradis, Carole, and Prunet, Jean-François. 1990. Coronal or velar placeless consonants? In *WCCFL 9: Proceedings of the West Coast Conference in Formal Linguistics 9*, ed. Aaron L. Halpern, 95-119. Stanford: Stanford Linguistics Association.
- Paradis, Carole, and Prunet, Jean-François eds. 1991. *Phonetics and Phonology: The Special Status of Coronals: Internal and External Evidence*. San Diego: Academic Press.
- Parker, Steve. 2002. Quantifying the Sonority Hierarchy, University of Massachusetts Amherst. [Published by the GLSA.].
- Parkinson, Stephen. 1988. Portuguese. In *The Romance Languages*, eds. Martin Harris and Nigel Vincent, 131-169. New York: Oxford University Press.
- Partee, Barbara H., ter Meulen, Alice, and Wall, Robert E. 1993. *Mathematical Methods in Linguistics*. Dordrecht/Boston/London: Kluwer.
- Pater, Joe. 1999. Austronesian nasal substitution and other NC effects. In *The Prosody Morphology Interface*, eds. Harry van der Hulst, René Kager and Wim Zonneveld, 310-343. Cambridge: Cambridge University Press.
- Pater, Joe. 2000. Non-uniformity in English secondary stress: the role of ranked and lexically specific constraints. *Phonology* 17:237-274.
- Patrick, Peter L. 1991. Creoles at the intersection of variable processes: -t, d deletion and past-marking in the Jamaican mesolect. *Language Variation and Change* 3:171-189.
- Pettersson, Thore, and Wood, Sidney. 1987. Vowel reduction in Bulgarian: the phonetic data and model experiments. *Folia Linguistica* XXII:239-262.
- Pierrehumbert, Janet. 1993. Dissimilarity in the Arabic verbal roots. In *NELS 23: Proceedings of the North East Linguistic Society*, ed. A. Schafer, 367-381. Amherst: GLSA.

- Pierrehumbert, Janet. 1994. Syllable structure and word structure: a study of triconsonantal clusters in English. In *Phonological Structure and Phonetic Form. Papers in Laboratory Phonology III*, ed. Patricia A. Keating, 168-187. Cambridge: Cambridge University Press.
- Pierrehumbert, Janet, Hay, Jennifer, and Beckman, Mary. In press. Speech perception, well-formedness, and the statistics of the lexicon. In *Papers in Laboratory Phonology VI*, eds. J. Local, R. Ogden and R. Temple. Cambridge: Cambridge University Press.
- Pitt, M.A., and Samuel, A.G. 1993. An empirical and meta-analytic evaluation of the phoneme identification task. *Journal of Experimental Psychology: Human Perception and Performance* 19:699-725.
- Prince, Alan. 1997. Harmonic Completeness, AP Order, Chain Shifts. Ms. Lecture notes for course taught at the LSA Institute in 1997.
- Prince, Alan. 1998. Two lectures in Optimality Theory. Ms. Lectures given at the Kobe University in September 1998.
- Prince, Alan. 2002. Entailed ranking arguments. Ms. Rutgers University.
- Prince, Alan, and Smolensky, Paul. 1993. Optimality Theory: Constraint Interaction in Generative Grammar. New Brunswick, NJ: Rutgers University Center for Cognitive Science.
- Prince, Alan, and Smolensky, Paul. 1997. Optimality: From neural networks to Universal Grammar [14 March 1997]. *Science* 275:1604-1610.
- Pullam, Geoffrey. 1976. The Duke of York Gambit. *Journal of Linguistics* 12:83-102.
- Repp, Bruno H. 1978. Perceptual integration and differentiation of spectral cues for intervocalic stop consonants. *Perception and Psychophysics* 24:471-485.
- Repp, Bruno H. 1982. Perceptual assessment of coarticulation in sequences of two stop consonants. In *Status Report on Speech Research. SR-71/72*. New Haven: Haskins Laboratories.
- Repp, Bruno H. 1983. Bidirectional contrast effects in the perception of VC-CV sequences. *Perception and Psychophysics* 33:147-155.
- Reynolds, Bill. 1994. *Variation and Phonological Theory*. Ph.D. dissertation, University of Pennsylvania.
- Reynolds, Bill, and Sheffer, Haddas. 1994. Variation and optimality. In *University of Pennsylvania Working Papers in Linguistics. Volume 1.*, eds. Roumyana Izvorski, Miriam Meyerhoff, Bill Reynolds and Victoria Tredinnick, 103-110. Philadelphia: Department of Linguistics, University of Pennsylvania.

- Rogers, Francis Millet. 1948. Insular Portuguese pronunciation: Porto Santo and the eastern Azores. *Hispanic Review* 16:1-32.
- Rogers, Francis Millet. 1949. Insular Portuguese pronunciation: central and western Azores. *Hispanic Review* 17:47-70.
- Sagey, Elizabeth. 1990. *The Representation of Features in Non-Linear Phonology: The Articulator Node Hierarchy*. Outstanding dissertations in linguistics. New York: Garland.
- Samek-Lodovici, Vieri, and Prince, Alan. 1999. Optima. Ms. University of London, London, and Rutgers University, New Brunswick.
- Sankoff, David, and Rand, D. 1988. *GoldVarb: a Variable Rule Application for the MacIntosh. Version 1.6*. Montréal: Centre de recherches mathématiques, Université de Montréal.
- Santa Ana, Otto. 1991. *Phonetic Simplification Processes in the English of the Barrio: A Cross-Generational Sociolinguistic Study of the Chicanos of Los Angeles*. Ph.D. dissertation, University of Pennsylvania.
- Santa Ana, Otto. 1996. Sonority and syllable structure in Chicano English. *Language Variation and Change* 8:63-89.
- Schouten, M.E.H. 1982. T-deletie in de stad Utrecht: schoolkinderen en grootouders. *Forum der Letteren* 23:282-291.
- Schouten, M.E.H. 1984. T-deletie in het zuiden van die provincie Utrecht. *Taal en Tongval* 36:162-173.
- Schütze, Carson T. 1996. *The Empirical Base of Linguistics: Grammaticality Judgments and Linguistic Methodology*. Chicago: University of Chicago Press.
- Selkirk, Elisabeth O. 1982a. The syllable. In *The Structure of Phonological Representations (Part II)*, eds. Harry van der Hulst and Norval Smith, 337-383. Dordrecht: Foris.
- Selkirk, Elisabeth O. 1982b. *The Syntax of Words*. Cambridge: The MIT Press.
- Selkirk, Elisabeth O. 1986. On derived domains in sentence phonology. *Phonology Yearbook* 3:371-405.
- Selkirk, Elisabeth O. 1987. On the nature of prosodic constituency. A comment on Beckman and Edwards. In *Papers in Laboratory Phonology*, eds. M. Beckman and J. Kingston, 179-200. Cambridge: Cambridge University Press.
- Shulman, H.G., and Davison, T.C.B. 1977. Control properties of semantic coding in a lexical decision task. *Journal of Verbal Learning and Verbal Behavior* 16:91-98.

- Silva, David James. 1988. The sociolinguistic variance of low vowels in Azorean Portuguese. In *Linguistic Change and Contact: Proceedings of NWAV-XVI*, eds. K. Ferrara, B. Brown, K. Walters and J. Bough, 336-344. Austin, TX: Department of Linguistics, University of Texas.
- Silva, David James. 1991. Phonological variation in Korean: the case of the 'disappearing w'. *Language Variation and Change* 3:153-170.
- Silva, David James. 1993. Chicano English evidence for the exponential hypothesis: a variable rule pervades lexical phonology. *Language Variation and Change* 4:275-288.
- Silva, David James. 1997. The variable deletion of unstressed vowels in Faialense Portuguese. *Language Variation and Change* 9:295-308.
- Silva, David James. 1998. Vowel lenition in São Miguel Portuguese. *Hispania* 81:166-178.
- Smolensky, Paul. 1995. On the Internal Structure of the Constraint Component *Con* of UG. Talk presented at UCLA, April 7, 1995.
- Smolensky, Paul. 1996. The Initial State and 'Richness of the Base' in Optimality Theory. Ms. Johns Hopkins University, Baltimore. [Technical Report JHU-CogSci-96-4].
- Spang-Hanssen, Henning. 1959. *Probability and Structural Classification in Language Description*. Copenhagen: Rosenkilde and Bagger.
- Steriade, Donca. 1997. Phonetics in Phonology: The Case of Laryngeal Neutralization. Ms. UCLA.
- Stevens, Kenneth N., and Blumstein, Sheila E. 1978. Invariant cues for place of articulation in stop consonants. *Journal of the Acoustical Society of America* 64:1358-1368.
- Stevens, Kenneth N., and Keyser, Samuel Jay. 1989. Primary features and their enhancement in consonants. *Language* 65:81-106.
- Stone, Gregory O., and Van Orden, Guy C. 1993. Strategic control of processing in word recognition. *Journal of Experimental Psychology: Human Perception and Performance* 19:744-774.
- Sussman, Harvey M., McCaffrey, Helen A., and Matthews, Sandra A. 1991. An investigation of locus equations as a source of relational invariance for stop place categorization. *Journal of the Acoustical Society of America* 90:1309-1325.
- Sussman, Harvey M., and Shore, Jadine. 1996. Locus equations as phonetic descriptors of consonantal place of articulation. *Perception and Psychophysics* 58:936-946.

- Tesar, Bruce, and Smolensky, Paul. 1998. Learnability in Optimality Theory. *Linguistic Inquiry* 29:229-268.
- Tesar, Bruce, and Smolensky, Paul. 2000. *Learnability in Optimality Theory*. Cambridge: The MIT Press.
- Tessier, Anne-Michelle. 2003. How and When to Project your Voice: Long-Distance Co-occurrence Restrictions, Feature Projections & Morphological Domains. Ms. University of Massachusetts, Amherst.
- Tessier, Anne-Michelle. 2004. Root-restricted markedness and morpho-phonological domains. Paper presented at *Montreal-Ottawa-Toronto Phonology Workshop, February 2004, University of Ottawa*.
- Thomas, Earl W. 1974. *A Grammar of Spoken Brazilian Portuguese*. Nashville: Vanderbilt University Press.
- Tranel, Bernard. 1999. Optional schwa deletion: on syllable economy in French. In *Formal Perspectives on Romance Linguistics*, eds. J.-Marc Authier, Barbara E. Bullock and Lisa A. Reed, 271-288. Amsterdam: John Benjamins.
- Treiman, Rebecca. 1983. The structure of spoken syllables: Evidence from novel word games. *Cognition* 15:49-74.
- Treiman, Rebecca. 1986. The division between onsets and rimes in English syllables. *Journal of Memory and Language* 25:476-491.
- Treiman, Rebecca, and Danis, Catalina. 1988. Syllabification of intervocalic consonants. *Journal of Memory and Language* 27:87-194.
- Treiman, Rebecca, Gross, Jennifer, and Cwikel-Glavin, Annemarie. 1992. The syllabification of /s/ clusters in English. *Journal of Phonetics* 20:383-402.
- Treiman, Rebecca, Kessler, Brett, Knewasser, Stephanie, Tincoff, Ruth, and Bowman, Margo. 2000. English speakers' sensitivity to phonotactic patterns. In *Papers in Laboratory Phonology V: Acquisition and the Lexicon*, eds. Michael B. Broe and Janet B. Pierrehumbert, 269-282. Cambridge: Cambridge University Press.
- Twaddell, W.F. 1939. Combinations of consonants in stressed syllables in German. *Acta Linguistica* 1.
- Twaddell, W.F. 1940. Combinations of consonants in stressed syllables in German. *Acta Linguistics* 2:31-50.
- Ussishkin, Adam. 1999. The inadequacy of the consonantal root: Modern Hebrew denominal verbs and output-output correspondence. *Phonology* 16:401-442.
- Vennemann, Theo. 1972. Rule inversion. *Lingua* 29:209-242.

- Vitevitch, Michael S., and Luce, Paul A. 1998. When words compete: levels of processing in spoken word recognition. *Psychological Science* 9:325-329.
- Vitevitch, Michael S., and Luce, Paul A. 1999. Probabilistic phonotactics and neighborhood activation in spoken word recognition. *Journal of Memory and Language* 40:374-408.
- Vitevitch, Michael S., Luce, Paul A., Charles-Luce, Jan, and Kemmerer, David. 1997. Phonotactics and syllable stress: implications for the processing of spoken nonsense words. *Language and Speech* 40:47-62.
- Walsh, Margaret A., and Diehl, Randy L. 1991. Formant transition duration and amplitude rise time as cues to the stop/glide distinction. *The Quarterly Journal of Experimental Psychology* 43A:603-620.
- Wilson, Colin. 1999. Consonant cluster neutralization and targeted constraints. Ms. Baltimore, MD.
- Wolfram, Walt. 1969. *A Sociolinguistic Description of Detroit Negro Speech*. Washington, D.C.: Center for Applied Linguistics.
- Yip, Moira. 1988. The Obligatory Contour Principle and phonological rules: a loss of identity. *Linguistic Inquiry* 19:65-100.
- Zubritskaya, Katya. 1997. Mechanism of sound change in Optimality Theory. *Language Variation and Change* 9:121-148.
- Zuraw, Kie Ross. 2000. *Patterned Exceptions in Phonology*. Ph.D. dissertation, UCLA.