

Bibliography

- ABERCROMBIE, D. 1965. A phonetician's view of verse structure. In *Studies in Phonetics and Linguistics*, 16–25. London: Oxford University Press.
- ALBROW, K.H., 1968. The rhythm and intonation of spoken English. Programme in Linguistics and English Teaching Paper No. 9, University College London.
- ARVANITI, A., D.R. LADD, & I. MENNEN. 1998. Stability of tonal alignment: the case of Greek prenuclear accents. *Journal of Phonetics* 26.3–25.
- BARNWELL, T.P. 1971. An algorithm for segment durations in a reading machine context. Technical Report 479, Research Laboratory of Electronics, Massachusetts Institute of Technology.
- BEACH, C.M. 1991. The interpretation of prosodic patterns at points of syntactic ambiguity: Evidence for cue trading relations. *Journal of Memory and Language* 30.644–663.
- BECKMAN, M.E., & J. EDWARDS. 1990. Lengthenings and shortenings and the nature of prosodic constituency. In (Kingston & Beckman 1990), 152–178.
- , & ——. 1992. Intonational categories and the articulatory control of duration. In *Speech Perception, Production and Linguistic Structure*, ed. by Y. Tohkura, E. Vatikiotis-Bateson, & Y. Sapisaka, 356–375. Tokyo: Ohmsha.
- , & ——. 1994. Articulatory evidence for differentiating stress categories. In (Keating 1994), 7–33.
- , —, & J. FLETCHER. 1992. Prosodic structure and tempo in a sonority model of articulatory dynamics. In (Docherty & Ladd 1992), 68–86.
- , & J.B. PIERREHUMBERT. 1986. Intonational structure in Japanese and English. *Phonology Yearbook* 3.255–309.
- BEL, B., & I. MARLIEN (eds.) 2002. *Speech Prosody 2002: Aix-en-Provence*. Conference proceedings: internet publication.
- BERKOVITS, R. 1993a. Progressive utterance-final-lengthening in syllables with final fricatives. *Language and Speech* 36.89–98.
- 1993b. Utterance-final lengthening and the duration of final-stop closures. *Journal of Phonetics* 21.479–489.

- 1994. Durational effects in final lengthening, gapping, and contrastive stress. *Language and Speech* 37.237–250.
- BOLINGER, D. 1965. *Forms of English: Accent, Morpheme, Order*. Cambridge, Massachusetts: Harvard University Press.
- 1981. Two kinds of vowels, two kinds of rhythm. Technical report, Indiana University Linguistics Club.
- BYRD, D. 2000. Articulatory vowel lengthening and coordination at phrasal junctures. *Phonetica* 57.3–16.
- CAMBIER-LANGEVELD, T., 2000. *Temporal Marking of Accents and Boundaries*. University of Amsterdam dissertation.
- CAMPBELL, W.N., & S.D. ISARD. 1991. Segment durations in a syllable frame. *Journal of Phonetics* 19.37–47.
- CHOMSKY, N., & M. HALLE. 1968. *The Sound Pattern of English*. New York: Harper and Row.
- CLARK, HERBERT H. 1973. The language-as-fixed-effect fallacy: A critique of language statistics in psychological research. *Journal of Verbal Learning and Verbal Behaviour* 12.335–359.
- CLASSE, A. 1939. *The Rhythm of English Prose*. Oxford: Blackwell.
- COKER, C.H., N. UMEDA, & C.P. BROWMAN. 1973. Automatic synthesis from ordinary English text. *Institute of Electrical and Electronics Engineers: Transactions of Audio Electroacoustics AU-21*. 293–297.
- CONNELL, B., & A. ARVANITI (eds.) 1995. *Papers in Laboratory Phonology IV: Phonology and Phonetic Evidence*. Cambridge: Cambridge University Press.
- COOPER, A.M. 1991. Laryngeal and oral gestures in English /p, t, k/. In *Proceedings of the XIIth International Congress of Phonetic Sciences, Aix-en-Provence*, volume 2, 50–53.
- COOPER, W.E., & S.J. EADY. 1986. Metrical phonology in speech production. *Journal of Memory and Language* 25.369–384.
- , & J. PACCIA-COOPER. 1980. *Syntax and Speech*. Cambridge, Massachusetts: Harvard University Press.
- , & J.M. SORENSON. 1981. *Fundamental Frequency in Sentence Production*. New York: Springer.
- COUPER-KUHLEN, E. 1986. *An Introduction to English Prosody*. London: Edward Arnold.
- CUMMINS, F. 1999. Some lengthening factors in English speech combine additively at most rates. *Journal of the Acoustical Society of America* 105.476–480.

- , & R. PORT. 1998. Rhythmic constraints on stress timing in English. *Journal of Phonetics* 26.145–171.
- CUTLER, A. 1990. From performance to phonology: Comments on Beckman and Edwards's paper. In (Kingston & Beckman 1990), 208–214.
- , & D.M. CARTER. 1987. The predominance of strong initial syllables in the English vocabulary. *Computer Speech and Language* 2.133–142.
- DANKOVIČOVÁ, J. 1997. The domain of articulation rate variation in Czech. *Journal of Phonetics* 25.287–312.
- DAUER, R.M. 1983. Stress-timing and syllable-timing reanalyzed. *Journal of Phonetics* 11.51–62.
- DE JONG, K.J. 1991. An articulatory study of consonant-induced vowel duration changes in English. *Phonetica* 48.1–17.
- DILLEY, L., S. SHATTUCK-HUFNAGEL, & M. OSTENDORF. 1996. Glottalization of word-initial vowels as a function of prosodic structure. *Journal of Phonetics* 24.423–444.
- DOCHERTY, G., & D.R. LADD (eds.) 1992. *Papers in Laboratory Phonology II: Gesture, Segment, Prosody*. Cambridge: Cambridge University Press.
- EDWARDS, J., M.E. BECKMAN, & J. FLETCHER. 1991. The articulatory kinematics of final lengthening. *Journal of the Acoustical Society of America* 89.369–382.
- FANT, G., A. KRUCKENBERG, & L. NORD. 1991. Durational correlates of stress in Swedish, French and English. *Journal of Phonetics* 19.351–365.
- FAURE, G., D. J. HIRST, & M. CHAFCOULOFF. 1980. Rhythm in English: Isochronism, pitch, and perceived stress. In *The Melody of Language*, ed. by L. R. Waugh & C. H. van Schooneveld, 71–79. Baltimore: University Park Press.
- FERREIRA, F. 1991. Creation of prosody during sentence production. *Psychological Review* 100.233–253.
- FOUGERON, C., & P.A. KEATING. 1997. Articulatory strengthening at edges of prosodic domains. *Journal of the Acoustical Society of America* 101.3728–3740.
- FOURAKIS, M., & C.B. MONAHAN. 1988. Effects of metrical foot structure on syllable timing. *Language and Speech* 31.283–306.
- FOWLER, C. 1981. A relationship between coarticulation and compensatory shortening. *Phonetica* 38.35–50.
- FOWLER, C.A. 1990. Lengthenings and the nature of prosodic constituency: Comments on Beckman and Edwards's paper. In (Kingston & Beckman 1990), 201–207.
- GAITENBY, JANE H. 1965. The elastic word. Technical Report SR–2, Haskins Laboratories, New York.

- GEE, J.P., & F. GROSJEAN. 1983. Performance structures: A psycholinguistic and linguistic appraisal. *Cognitive Psychology* 15.411–458.
- GOLDHOR, R., 1976. Sentential determinates of duration in speech. Massachusetts Institute of Technology Masters dissertation.
- GOLDMAN-EISLER, F. 1968. *Psycholinguistics: Experiments in Spontaneous Speech*. New York: Academic.
- GRABE, E., & P. WARREN. 1995. Stress shift: Do speakers do it or do listeners hear it? In (Connell & Arvaniti 1995), 95–110.
- , ——, & F. NOLAN. 1994. Resolving category ambiguities—evidence from stress shift. *Speech Communication* 15.101–114.
- GUSSENHOVEN, C. 1992. Intonational phrasing and the prosodic hierarchy. In *Phonologica 1988*, ed. by W. Dressler, H.C. Luschützky, O.E. Pfeiffer, & J.R. Rennison, 89–99. Cambridge: Cambridge University Press.
- HALLE, M., & J.-R. VERGNAUD. 1987. *An Essay on Stress*. Cambridge: Massachusetts Institute of Technology Press.
- HARRIS, M.S., & N. UMEDA. 1974. Effect of speaking mode on temporal factors in speech. *Journal of the Acoustical Society of America* 56.1016–1018.
- HAYES, B. 1983. A grid-based theory of English meter. *Linguistic Inquiry* 14.357–393.
- 1989. The prosodic hierarchy in meter. In *Phonetics and Phonology Volume 1: Rhythm and Meter*, ed. by P. Kiparsky & G. Youmans, 201–260. San Diego: Academic Press.
- HERMENT-DUJARDIN, S., & D. HIRST. 2002. Emphasis in English: a perceptual study based on modified synthetic speech. In (Bel & Marlien 2002). Conference proceedings: internet publication.
- HUGGINS, A.W.F. 1975. On isochrony and syntax. In *Auditory Analysis and Perception of Speech*, ed. by G. Fant & M.A.A. Tatham, 455–464. Orlando: Academic Press.
- ITO, J., & R.-A. MESTER, 1992. Weak layering and word binarity. University of Santa Cruz manuscript.
- JONES, D. 1942–43. Chronemes and tonemes. *Acta Linguistica* 3.1–10.
- KEATING, P.A. (ed.) 1994. *Papers in Laboratory Phonology III: Phonological Structure and Phonetic Form*. Cambridge: Cambridge University Press.
- KINGSTON, J., & M.E. BECKMAN (eds.) 1990. *Papers in Laboratory Phonology I: Between the Grammar and the Physics of Speech*. Cambridge: Cambridge University Press.
- KLATT, D.H. 1973. Interaction between two factors that influence vowel duration. *Journal of the Acoustical Society of America* 54.1102–1104.

- 1974. On predicting the duration of the phonetic segment [s] in English. *Journal of Speech and Hearing Research* 17.51–63.
- 1975. Vowel lengthening is syntactically determined in a connected discourse. *Journal of Phonetics* 3.129–140.
- 1976. Linguistic uses of segmental duration in English: Acoustic and perceptual evidence. *Journal of the Acoustical Society of America* 59.1208–1220.
- 1979. Synthesis by rule of segmental durations in English sentences. In *Frontiers in Speech Communication Research*, ed. by B. Lindblom & S. Ohman, 287–300. New York: Academic.
- , & W.E. COOPER. 1975. Perception of segment duration in sentence context. In *Structure and Process in Speech Perception*, ed. by A. Cohen & S. Nootboom. Heidelberg: Springer-Verlag.
- LADD, D.R. 1986. Intonational phrasing: The case for recursive structure. *Phonology Yearbook* 3.311–340.
- 1996. *Intonational Phonology*. Cambridge: Cambridge University Press.
- , & N. CAMPBELL. 1991. Theories of prosodic structure: Evidence from syllable duration. In *Proceedings of the XIIIth International Congress of Phonetic Sciences, Aix-en-Provence*, volume 2, 290–293.
- , D. FAULKNER, H. FAULKNER, & A. SCHEPMAN. 1999. Constant “segmental anchoring” of f-0 movements under changes in speech rate. *Journal of the Acoustical Society of America* 106.1543–1554.
- , I. MENNEN, & A. SCHEPMAN. 2000. Phonological conditioning of peak alignment in rising pitch accents in Dutch. *Journal of the Acoustical Society of America* 107.2685–2696.
- LADEFOGED, P. 1993. *A Course in Phonetics*. Fort Worth: Harcourt Brace.
- LEA, W.A. 1974. Prosodic aids to speech recognition: IV. A general strategy for prosodically-guided speech understanding. Technical Report PX10791, Sperry Univac, DSD, St Paul, Minnesota.
- LEHISTE, I. 1972. The timing of utterances and linguistic boundaries. *Journal of the Acoustical Society of America* 51.2018–2024.
- 1973. Rhythmic units and syntactic units in production and perception. *Journal of the Acoustical Society of America* 54.1228–1234.
- , 1974. Interaction between test word duration and the length of utterance. Ohio State University Working Papers in Linguistics 17.
- 1975. The role of temporal factors in the establishment of linguistic units and boundaries. In *Phonologica 1972*, ed. by W.U. Dressler & F.V. Mares, 115–122. Munich-Salzburg: Verlag.

- 1977. Isochrony reconsidered. *Journal of Phonetics* 5.253–263.
- , J.P. OLIVE, & L.A. STREETER. 1976. The role of duration in disambiguating syntactically ambiguous sentences. *Journal of the Acoustical Society of America* 60.1199–1202.
- LIN, J.-W., 1993. Lexical government and prosodic domains. University of Massachusetts at Amherst unpublished manuscript.
- LINDBLOM, B., & K. RAPP. 1972. Re-examining the compensatory adjustment of vowel duration in Swedish words. Technical report, Speech Transmission Laboratory, Royal Institute of Technology, Stockholm.
- LINDBLOM, B.E.F. 1964. A note on segment duration in Swedish polysyllables. Quarterly Progress and Status Report 1/1964, Speech Transmission Laboratory, Stockholm.
- 1968. Temporal organisation of syllable production. Quarterly Progress and Status Report 2–3/1968, Speech Transmission Laboratory, Stockholm.
- LOCAL, J., & R. OGDEN. 1996. A model of timing for nonsegmental phonological structure. In *Progress in Speech Synthesis*, ed. by J.P.H. van Santen, J.P. Olive, R.W. Sproat, & J. Hirschberg, chapter 9, 109–121. New York: Springer-Verlag.
- MARSLEN-WILSON, W.D., L.K. TYLER, P. WARREN, P. GRENIER, & C.S. LEE. 1992. Prosodic effects in minimal attachment. *Quarterly Journal of Experimental Psychology* 45.73–87.
- NAKATANI, L.H., K.D. O'CONNOR, & C.H. ASTON. 1981. Prosodic aspects of American English speech rhythm. *Phonetica* 38.84–106.
- NESPOR, M., & I. VOGEL. 1986. *Prosodic Phonology*. Dordrecht: Foris Publications.
- NOLAN, F., 1998. Phonological representation and phonetic interpretation in intonation analysis. Unpublished manuscript of conference paper presented at Laboratory Phonology VI, York.
- NOOTEBOOM, S.G., 1972. *Production and Perception of Vowel Duration: A Study of Durational Properties in Dutch*. University of Utrecht dissertation.
- O' MALLEY, M.H., D.R. KLOKER, & B. DARA-ABRAMS. 1973. Recovering parentheses from spoken algebraic expressions. *Institute of Electrical and Electronics Engineers: Transactions on Audio and Electro-acoustics AU-21*. 217–220.
- OLLER, D.K. 1973. The effect of position in utterance on speech segment duration in English. *Journal of the Acoustical Society of America* 54.1235–1247.
- PETERSON, G., & I. LEHISTE. 1960. Duration of syllable nuclei in English. *Journal of the Acoustical Society of America* 32.693–703.
- PIKE, K.L. 1945. *The Intonation of American English*. Ann Arbor: University of Michigan Press.

- PORT, R.F. 1981. Linguistic timing factors in combination. *Journal of the Acoustical Society of America* 69.262–274.
- PRICE, P.J., M. OSTENDORF, S. SHATTUCK-HUFNAGEL, & C. FONG. 1991. The use of prosody in syntactic disambiguation. *Journal of the Acoustical Society of America* 90.2956–2970.
- , M. OSTENDORF, S. SHATTUCK-HUFNAGEL, & N. VEILLEUX. 1988. A methodology for analyzing prosody. *Journal of the Acoustical Society of America* 84.Supplement 1 S99.
- RAAIJMAKERS, J.G.W., J.M.C SCHRIJNEMAKERS, & F. GREMMEN. 1999. How to deal with 'the language-as-fixed-effect fallacy': Common misconceptions and alternative solutions. *Journal of Memory and Language* 41.416–426.
- RAKERD, B., W. SENNETT, & C.A. FOWLER. 1987. Domain-final lengthening and foot-level shortening in spoken English. *Phonetica* 44.147–155.
- SCOTT, D.R. 1982. Duration as a cue to the perception of a phrase boundary. *Journal of the Acoustical Society of America* 71.996–1007.
- , S.D. ISARD, & B. DE BOYSSON-BARDIES. 1985. Perceptual isochrony in English and French. *Journal of Phonetics* 13.155–162.
- SELKIRK, E.O. 1978. On prosodic structure and its relation to syntactic structure. In *Nordic Prosody II*, ed. by T. Fretheim, 111–140. Trondheim: Tapir.
- 1984. *Phonology and Syntax: The Relation between Sound and Structure*. Cambridge, Massachusetts: Massachusetts Institute of Technology Press.
- 1986. On derived domains in sentence phonology. *Phonology Yearbook* 3.371–405.
- 1990. On the nature of prosodic constituency: Comments on Beckman and Edwards's paper. In (Kingston & Beckman 1990), 179–200.
- 1996. The prosodic structure of function words. In *Signal to Syntax: Bootstrapping from Speech to Grammar in Early Acquisition*, ed. by J.L. Morgan & K. Demuth, 187–213. Mahwah, New Jersey: Lawrence Erlbaum.
- 2002. Contrastive FOCUS vs. presentational *focus*: Prosodic evidence from right node raising in English. In (Bel & Marlien 2002). Conference proceedings: internet publication.
- SHATTUCK-HUFNAGEL, S., M. OSTENDORF, & K. ROSS. 1994. Stress shift and early pitch accent placement in lexical items in American English. *Journal of Phonetics* 22.357–388.
- , & A.E. TURK. 1996. A prosody tutorial for investigators of auditory sentence processing. *Journal of Psycholinguistic Research* 25.193–247.
- SHEN, Y., & G.G. PETERSON. 1962. Isochronism in English. *Studies in Linguistics, Occasional Papers* 9, University of Buffalo.

- SILVERMAN, K., M. BECKMAN, J. PITRELLI, M. OSTENDORF, C. WIGHTMAN, P. PRICE, J. PIERREHUMBERT, & J. HIRSCHBERG. 1992. ToBI: A standard for labeling English prosody. In *Proceedings of the International Conference on Spoken Language Processing, Banff, II*, volume 2, 867–870.
- SILVERMAN, K.E.A., & J.B. PIERREHUMBERT. 1990. The timing of prenuclear high accents in English. In (Kingston & Beckman 1990), 72–113.
- SLUIJTER, A.M.C., 1995. *Phonetic Correlates of Stress and Accent*. University of Leiden dissertation.
- , & V.J. VAN HEUVEN. 1995. Effects of focus distribution, pitch accent and lexical stress on the temporal organisation of syllables in Dutch. *Phonetica* 52.71–89.
- SNOW, D. 1994. Phrase-final syllable lengthening and intonation in early child speech. *Journal of Speech and Hearing Research* 37.831–840.
- TURK, A.E. 1999. Structural influences on boundary-related lengthening in English. In *Proceedings of the 14th International Congress of Phonetic Sciences*, volume 2, 1117–1120.
- , & J.R. SAWUSCH. 1996. The processing of duration and intensity cues to prominence. *Journal of the Acoustical Society of America* 99.3782–3790.
- , & —. 1997. The domain of accentual lengthening in American English. *Journal of Phonetics* 25.25–41.
- , & S. SHATTUCK-HUFNAGEL. 2000. Word-boundary-related duration patterns in English. *Journal of Phonetics* 28.397–440.
- , & L.S. WHITE. 1999. Structural influences on accentual lengthening in English. *Journal of Phonetics* 27.171–206.
- VAN LANCKER, D., J. KREIMAN, & D. BOLINGER. 1988. Anticipatory lengthening. *Journal of Phonetics* 16.339–347.
- VAN SANTEN, J.P.H. 1997. Segmental duration and speech timing. In *Computing Prosody: Computational Models for Processing Spontaneous Speech*, ed. by Y. Sagisaka, N. Campbell, & N. Higuchi, 225–249. New York: Springer-Verlag.
- VOGEL, I. 1992. Comments on chapters 3 and 4. In (Docherty & Ladd 1992), 124–127.
- WHITE, L.S., 1993. The contribution of prosodic cues to boundaries in sentence processing by listeners. University of Cambridge MPhil dissertation.
- WIGHTMAN, C.W. 2002. ToBI or not ToBI? In (Bel & Marlien 2002). Conference proceedings: internet publication.
- , S. SHATTUCK-HUFNAGEL, M. OSTENDORF, & P. PRICE. 1992. Segmental durations in the vicinity of prosodic phrase boundaries. *Journal of the Acoustical Society of America* 91.1707–1717.
- WOODROW, H. 1951. Time perception. In *Handbook of Experimental Psychology*, ed. by S.S. Stevens, 1224–1236. New York: Wiley.