

## 2024/in press

1. Kapia, E., Harrington, J., Kleber, F. (in press). [An autosegmental-metrical analysis of Albanian prosody](#). In S.A. Jun (ed.): *Prosodic Typology III*. Oxford University Press.
2. Cunha, C., Hoole, P., Voit, D., Frahm, J., Harrington, J. (2024). [The physiological basis of the phonologization of vowel nasalization: A real-time MRI analysis of American and Southern British English](#). *Journal of Phonetics*, 104, 101329.
3. Greca, P., Gubian, M., & Harrington, J. (2024). [The relationship between the coarticulatory source and effect in sound change: Evidence from Italo-Romance metaphony in the Lausberg area](#). *Laboratory Phonology: Journal of the Association for Laboratory Phonology*, 15(1), pp. 1–54. DOI: <https://doi.org/10.16995/labphon.9228>
4. Riverin-Coutlée, Josiane & Jonathan Harrington. in press. [Stability, change and reversal in public speech: A longitudinal case study](#). In Isabelle Buchstaller & Karen V. Beaman (eds.), *Connecting the Individual and the Community: Contributions from Sociolinguistic Panel Research*. New York: Routledge.

## 2023

5. Gubian, M., Cronenberg, J., and Harrington, J. (2023). [Phonetic and phonological changes in an agent-based model](#). *Speech Communication*, 147, 93-115.
6. Kunay, E., Hoole, P., Harrington, J. (2023). [Perception of coarticulatory vowel nasalisation in German listeners and its relationship to production](#). *Proceedings of the 20th International Congress of Phonetic Sciences*, Prague.
7. Cronenberg, J., Gubian, M., Harrington, J., and Reichel V. (2023). [Investigating sound change through computational agent-based modelling: an R package](#). *Proceedings of the 20th International Congress of Phonetic Sciences*, Prague.
8. Kapia, E., Riverin-Coutlée, J., Cunha, C., and Harrington, J. (2023). [A longitudinal study of contrastive length in Albanian speaking children](#). *BUCLD 47: Proceedings of the 47th annual Boston University Conference on Language Development*. Cascadilla Press: Boston. (p. 421-431).
9. Riverin-Coutlée, J., Kapia, E., Cunha, C., and Harrington, J. (2023). [Compensatory lengthening and polysyllabic shortening in the Gheg dialect of Albanian](#). *Proceedings 20th International Congress of Phonetic Sciences*.
10. Liao, S., Hoole, P., and Harrington, J. (2023). [The relationship between vowel change and nasal loss in the Chengdu dialect of Mandarin Chinese: Evidence from rt-MRI](#). *Proceedings 20th International Congress of Phonetic Sciences*.
11. Cunha, C., Kanana, F., and Harrington, J. (2023). [Variation and palatalisation in the production of the plural prefix in Meru: a study of three dialects](#). *Proceedings of the 20th International Congress of the Phonetic Sciences*, Prague, Czech Republic.

## 2022

12. Stevens, M. & Harrington, J. (2022). [Individual variation and the coarticulatory path to sound change: agent-based modeling of /str/ in English and Italian](#). *Glossa: a journal of general linguistics* 7(1). doi: <https://doi.org/10.16995/glossa.8869>
13. Kunay, E., Hoole, P., Gubian, M., Harrington, J., Joseph, A., Voit, D., and Frahm, J. (2022). [Vowel height and velum position in German: Insights from a real-time](#)

- [magnetic resonance imaging study](#). *Journal of the Acoustical Society of America*, 152 (6), 3483-3501. <https://doi.org/10.1121/10.0016366>. Copyright Acoustical Society of America.
14. Riverin-Coutlée, J. & Harrington, J. (2022). [Phonetic changes over the career](#). *Linguistic Vanguard*, <https://doi.org/10.1515/lingvan-2021-0122>
15. Riverin-Coutlée, J., Kapia, L., Cunha, C., and Harrington, J. (2022). [Vowels in urban and rural Albanian: the case of the Southern Gheg dialect](#) *Phonetica*, <https://doi.org/10.1515/phon-2022-2025>
16. Liao, S., Hoole, P., Cunha, C., Kunay, E., Cui, A., Shigemori, L., Kleber, F., Voit, D., Frahm, J., Harrington, J. (2022) [Nasal coda loss in the Chengdu dialect of Mandarin: Evidence from RT-MRI](#). *Proc. Interspeech*, 1347-1351, doi: 10.21437/interspeech.2022-10775

## 2021

17. Carignan, C., Coretta, S., Frahm, J., Harrington, J., Hoole, P., Joseph, A., Kunay, E., and Voit, D. (2021). [Planting the seed for sound change: Evidence from real-time MRI of velum kinematics in German](#). *Language*, 97.2, 333-364.
18. Wolfswinkler, K. & Harrington J. (2021). [The influence of Standard German on the vowels and diphthongs of West Central Bavarian](#). *Journal of the International Phonetic Association*, 1-33. DOI: 10.1017/S0025100321000232.
19. Harrington, J. & Reubold, U. (2021). [Accent reversion in older adults: evidence from the Queen's Christmas broadcasts](#). In K. Beaman & I. Buchstaller (eds.) *Language Variation and Language Change Across the Lifespan*. Routledge. (p. 119-137).
20. Riverin-Coutlée, J., Cunha, C., Kapia, E., and Harrington, J. (2021). [Dialect features in heterogeneous and homogeneous Gheg-speaking communities](#). *Proceedings of the Interspeech*, Brno, Czech Republic.

## 2020

21. Carignan, C., Hoole, P., Kunay, E., Pouplier, M., Joseph, A., Voit, D., Frahm, J., and Harrington, J. (2020) [Analyzing speech in both time and space: Generalized additive mixed models can uncover systematic patterns of variation in vocal tract shape in real-time MRI](#). *Journal of the Association for Laboratory Phonology* 11(1): 2, 1–26. DOI: <https://doi.org/10.5334/labphon.214>
22. Greca, P. & Harrington, J. (2020). [An acoustic analysis of metaphony in the dialects of the Lausberg Area \(Southern Italy\)](#). *XVI Convegno Nazionale dell'Associazione Italiana di Scienze della Voce*. Officinaventuno: Milan.
23. Cronenberg, J., Gubian, M., Harrington, J., and Ruch, H. (2020). [A dynamic model of the change from pre- to post-aspiration in Andalusian Spanish](#). *Journal of Phonetics*, 83. <https://doi.org/10.1016/j.wocn.2020.101016>
24. Kirby, J., Kleber, F., Siddins, J., Harrington, J. (2020) [Effects of prosodic prominence on obstruent-intrinsic F0 and VOT in German](#). *Proc. 10th International Conference on Speech Prosody 2020*, 210-214, DOI: 10.21437/SpeechProsody.2020-43.
25. Kapia, E., Kleber, F., and Harrington, J. (2020). [An autosegmental-metrical analysis of rising contours in Standard Albanian](#). *10th International Conference on Speech Prosody*, 171-175.

## 2019

26. Stevens, M., Harrington, J., and Schiel, F. (2019) [Associating the origin and spread of sound change using agent-based modelling applied to /s/-retraction in English](#). *Glossa: A Journal of General Linguistics*, 4(1), 8. DOI: <http://doi.org/10.5334/gjgl.620>.
27. Harrington, J., Gubian, M., Stevens, M., and Schiel, F. (2019). [Phonetic change in an Antarctic winter](#). *Journal of the Acoustical Society of America*, 146, 3327-3332.
28. Harrington, J., Pouplier, M., and Reinisch, E. (2019). [Introducing abstraction, diversity, and speech dynamics](#). *Laboratory Phonology: Journal of the Association for Laboratory Phonology* 10(1): 12, pp.1–5. DOI: <https://doi.org/10.5334/labphon.205>.
29. Harrington, J, Kleber, F., Reubold, U., Schiel, F., and Stevens, M. (2019). [The phonetic basis of the origin and spread of sound change](#). In *The Routledge Handbook of Phonetics*, Ed. W. Katz & P. Assmann. Routledge: Oxford. (p. 401-426).
30. Gubian, M., Harrington, J., Stevens, M., Schiel, F., and Warren, P. (2019). [Tracking the New Zealand English NEAR/SQUARE merger using functional principal components analysis](#). *Interspeech*, Graz.
31. Winkelmann, R. & Harrington, J. (2019). [EMU-SDMS: R centric semi-automatic speech database processing and analysis](#). In S. Calhoun, P. Escudero, M. Tabain & P. Warren (eds.) *Proceedings of the 19th International Congress of Phonetic Sciences*, Melbourne, Australia 2019. Canberra, Australia: Australasian Speech Science and Technology Association Inc. (p. 1317-1321).
32. Carignan, C., Hoole, P., Kunay, E., Harrington, J., Joseph, A., Fram, J. (2019). [The phonetic basis of phonological vowel nasality: Evidence from real-time MRI velum movement in German](#). In S. Calhoun, P. Escudero, M. Tabain & P. Warren (eds.) *Proceedings of the 19th International Congress of Phonetic Sciences*, Melbourne, Australia 2019. Canberra, Australia: Australasian Speech Science and Technology Association Inc. (p. 413-417).

## 2018

33. Harrington, J., Kleber, F., Reubold, U., Schiel, F., & Stevens, M. (2018) [Linking cognitive and social aspects of sound change using agent-based modeling](#). *Topics in Cognitive Science*, 1-21.

## 2017

34. Harrington, J. & Schiel, F. (2017) /u/-fronting and agent-based modeling: [The relationship between the origin and spread of sound change](#). *Language*, 93.2, 414-445.
35. Draxler, C., Harrington, J., and Schiel, F. (2017). [Towards the next generation of speech tools and corpora](#). *Computer Speech & Language*, 46, 175-178.
36. Winkelmann, R., Harrington, J., and Jansch, K. (2017). [EMU-SDMS: advanced speech database management and analysis in R](#). *Computer Speech & Language*, 45, 392-410.
37. Rathcke, T., Stuart-Smith, J., Torsney, B., Harrington, J. (2017). The beauty in a beast: [Minimising the effects of diverse recording quality on vowel formant measurements in sociophonetic real-time studies](#). *Speech Communication*, 86, 24–41.

38. Reubold, U. & Harrington, J. (2017) [The influence of age on estimating sound change acoustically from longitudinal data](#). In S.E. Wagner & I. Buchstaller (Eds.), *Panel Studies of Language Variation and Change*. Routledge. (p 129-152).
39. Draxler, C., Harrington, J., and Schiel, F. (2017). Guest editors for special issue on 'innovative techniques for the empirical analysis of spoken language'. *Computer Speech and Language*, 45, 253-391.

## 2016

40. Bukmaier, V. & Harrington, J. (2016) [The articulatory and acoustic characteristics of Polish sibilants and their consequences for diachronic change](#). *Journal of the International Phonetic Association*. 46, 311-329.
41. Stevens, S. & Harrington, J. (2016). [The phonetic origins of /s/-retraction: acoustic and perceptual evidence from Australian English](#). *Journal of Phonetics*, 58, 118–134.
42. Harrington, J., Kleber, F., and Stevens, M. (2016) [The relationship between the \(mis\)-parsing of coarticulation in perception and sound change: evidence from dissimilation and language acquisition](#). In A. Esposito and M. Faundez-Zany (Eds.) *Recent Advances in Nonlinear Speech Processing*. Berlin: Springer Verlag. (pp. 15–34).
43. Harrington, J., Kleber, F., Reubold, M., and Stevens, M. (2016) [The relevance of context and experience for the operation of historical sound change](#). In A. Esposito & L. Jain (Eds.) [Toward Robotic Socially Believable Behaving Systems - Volume II: Modeling Social Signals](#). Springer Verlag. (pp. 61–92).

## 2015

44. Harrington, J., Kleber, F., and Reubold, U., and Siddins, J. (2015) [The implications for sound change of prosodic weakening: evidence from polysyllabic shortening](#). *Journal of Laboratory Phonology*, 6, 81-117.
45. Reubold, U. & Harrington, J. (2015). [Disassociating the effects of age from phonetic change: a longitudinal study of formant frequencies](#). In A. Gerstenberg & A. Voeste (Eds.) *Language Development: The Lifespan Perspective*. John Benjamins Publishing Company, Amsterdam. (p. 9-37).
46. Cunha, C., Harrington, J., Moosmüller, S. and Brandstätter, J. (2015). [The influence of consonantal context on the tense-lax contrast in two standard varieties of German](#). In: Leemann, A., M.-J. Kolly, S. Schmid, and V. Dellwo (Eds.) *Trends in Phonetics and Phonology. Studies from German speaking Europe*. Frankfurt am Main / Bern: Lang. (p. 65-77).
47. Stoll, T., Harrington, J., and Hoole, P. (2015). [Intergestural organisation and CV-overlap in palatalised liquids in Russian](#). *International Congress of Phonetic Sciences*, Glasgow, August 2015.
48. Siddins, J. and Harrington, J. (2015). [Does vowel intrinsic f0 affect lexical tone?](#) *International Congress of Phonetic Sciences*, Glasgow, August 2015.
49. Stevens, M., Bukmaier, V., and Harrington, J. (2015). [Pre-consonantal /s/ retraction](#). *International Congress of Phonetic Sciences*, Glasgow, August 2015.

50. Salveste, N., Harrington, J., and Kleber, F. (2015). [Phonetic effects of corrective focus in Estonian](#). *International Congress of Phonetic Sciences*, Glasgow, August 2015

## 2014

51. Bukmaier, V., Harrington, J., and Kleber, F. (2014). [An analysis of post-vocalic /s-f/ neutralization in Augsburg German: evidence for a gradient sound change](#). *Frontiers in Psychology*, 5, 1-12.
52. Ruch, H. & Harrington, J. (2014) [Synchronic and diachronic factors in the change from pre-aspiration to post-aspiration in Andalusian Spanish](#). *Journal of Phonetics*, 45, 12-25.
53. Stevens, M. & Harrington, J. (2014). [The individual and the actuation of sound change](#). *Loquens* 1(1), e003. doi: <http://dx.doi.org/10.3989/loquens.2014.003>
54. Harrington, J. & Stevens M. (2014). [Cognitive processing as a bridge between phonetic and social models of sound change](#). *Journal of Laboratory Phonology* 5(1), 1–8.
55. Harrington, J. (2014). [Variability and change in spoken language communication](#). In E. Glaser, A. Kolmer, M. Meyer, and E. Stark (Eds.) *Sprache(n) verstehen*. Hochschulverlag ETH Zürich: Zürich. (p. 33-57).
56. Bukmaier, V., Harrington, J., Reubold, U., and Kleber, F. (2014). [Synchronic variation in the articulation and the acoustics of the Polish threeway place distinction in sibilants and its implications for diachronic change](#). In *Proceedings Interspeech*, Singapore. (pp. 203-207).
57. Cunha, C., Harrington, J., and Reubold, U. (2014). [Vowel coarticulation and undershoot in prosodically weakened positions](#). In *Proceedings of the International Seminar on Speech Production*, Cologne, Germany (pp. 78-81).
58. Siddins, J., Harrington, J., Reubold, U., & Kleber, F. (2014). [Investigating the relationship between accentuation, vowel tensity and compensatory shortening](#). *Proc. 7th Speech Prosody Conference*, Dublin, Ireland.
59. Harrington, J. & Stevens, M. (2014) Guest editors for special edition on 'sound change'. *Journal of Laboratory Phonology* 5, 1-230.

## 2013

60. Harrington, J., Kleber, F., and Reubold, U. (2013). [The effect of prosodic weakening on the production and perception of trans-consonantal vowel coarticulation in German](#). *Journal of the Acoustical Society of America*, 134, 551–561. (DOI: 10.1121/1.4808328).
61. Harrington, J., Hoole, P., and Pouplier, M. (2013). [Future directions in speech production](#). In M. Jones & R.-A. Knight (Eds.), *Companion to Phonetics*. Bloomsbury. (pp. 242-259).
62. Siddins, J., Harrington, J., Kleber, F., and Reubold, U. (2013). [The influence of accentuation and polysyllabicity on compensatory shortening in German](#). *Proc. 14th Interspeech Conference*, Lyon, France, (pp. 1002-1006).
63. Cunha, C., Harrington, J., and Hoole, P. (2013). [A physiological analysis of the tense/lax vowel contrast in two varieties of German](#). *Proc. Interspeech*, Lyon. 325-329.

## 2012

64. Harrington, J. Hoole, P., and Reubold, U. (2012). [A physiological analysis of high front, tense-lax vowel pairs in Standard Austrian and Standard German](#). *Italian Journal of Linguistics*, 24,158-183.
65. Kleber, F., Harrington, J., and Reubold, U. (2012) [The relationship between the perception and production of coarticulation during a sound change in progress](#). *Language & Speech*, 55, 383–405.
66. Harrington, J., Kleber, F., and Reubold, U. (2012) [The production and perception of coarticulation in two types of sound change in progress](#). In S. Fuchs, M. Weirich, P. Perrier, and D. Pape (Eds.) *Speech Production and Speech Perception: Planning and Dynamics*. Peter Lang. (pp. 33-55).
67. Harrington, J. (2012). [The relationship between synchronic variation and diachronic change](#). In A. C. Cohn, C. Fougeron, and M. Huffman (Eds.) *Handbook of Laboratory Phonology*. Oxford University Press: Oxford. (p. 321 - 332.)
68. Harrington, J. (2012). [The coarticulatory basis of diachronic high back vowel fronting](#). In M-J. Solé & D. Recasens (Eds.) *The Initiation of Sound Change. Perception, Production, and Social factors*. John Benjamins Publishing Company. (pp. 103-122).
69. Plüschke, M. and Harrington, J. (2012) [The domain of phrase-final lengthening in Estonian](#). In E. L. Asu, and P.Lippus, (Eds.) *Nordic Prosody - Proceedings of the XIth conference, Tartu 2012*, Peter Lang Frankfurt.
70. Kleber, F, Harrington, J., Reubold, U., und Siddins, J. (2012). [Compensation for coarticulation in prosodically weak words](#). In *Speech Prosody*, Shanghai.

## 2011

71. Harrington, J., Hoole, P., Kleber, F., and Reubold, U. (2011). [The physiological, acoustic, and perceptual basis of high back vowel fronting: evidence from German tense and lax vowels](#). *Journal of Phonetics*, 39, 121-131.
72. Harrington, J., Kleber, F., and Reubold, U. (2011). [The contributions of the lips and the tongue to the diachronic fronting of high back vowels in Standard Southern British English](#). *Journal of the International Phonetic Association*, 41, 137-156.
73. Cunha, C. & Harrington, J. (2011). [The perception of /pt/ and /kt/ in European and Brazilian Portuguese](#). *Proc. of 17th. International Congress of Phonetic Sciences (ICPhS)*, (pp. 548-552).
74. Cunha, C. & Harrington, J. (2011). [Gesture overlap in Portuguese lexical and post-lexical consonant clusters](#). *Proc. of 9th. International Seminar on Speech Production (ISSP)*, (pp. 369-372).
75. Müller, V., Harrington, J., Kleber, F., and Reubold, U. (2011). [Age-dependent differences in the neutralization of the intervocalic voicing contrast: evidence from an apparent-time study on East Franconian](#). *Interspeech, Florence, 2011*.
76. Schiel, F., Draxler, Chr., Harrington, J. (2011). [Phonemic Segmentation and Labelling using the MAUS Technique](#). In *Proceedings of the Workshop 'New Tools and Methods for Very-Large-Scale Phonetics Research'*. 28. - 31. January 2011, Philadelphia, PA, USA

## 2010

77. Harrington, J. (2010) [The Phonetic Analysis of Speech Corpora](#). Wiley-Blackwell.
78. Neumeyer, V., Harrington, J., and Draxler, C. (2010). [An acoustic analysis of the vowel space in young and old cochlear-implant speakers](#) *Clinical Linguistics & Phonetics*, 24, 734-741.
79. Reubold, U., Harrington, J., and Kleber, F. (2010). [Vocal aging effects on F0 and the first formant: a longitudinal analysis in adult speakers](#). *Speech Communication*, 52, 638-651.
80. Marin, S., Pouplier, M., and Harrington, J. (2010) [Acoustic consequences of articulatory variability during productions of /t/ and /k/ and its implications for speech error research](#). *Journal of the Acoustical Society of America*, 127, 445-461.
81. Kleber, F., John, T., and Harrington, J. (2010). [The implications for speech perception of incomplete neutralization of final devoicing in German](#). *Journal of Phonetics*, 38, 185-196.
82. Harrington, J. (2010). [Acoustic Phonetics](#). In W. J. Hardcastle, J. Laver, F. E. Gibbon (Eds.) *A Handbook of Phonetics*. Wiley-Blackwell: Oxford. (pp. 81-129).
83. Rathcke, T. & Harrington, J. (2010). [The variability of early accent peaks in Standard German](#). In C. Fougeron, B. Kühnert, M. d'Imperio, and N. Vallée (Eds.) *Laboratory Phonology 10*. Berlin: de Gruyter. (pp. 533-555).
84. Iskarous, K., Pouplier, M., Marin, S., and Harrington, J. (2010). [The interaction between prosodic boundaries and accent in the production of sibilants](#). *Speech Prosody*, Chicago.

## Pre 2010

### Books

85. Harrington, J. & Cassidy, S. (1999). *Techniques in Speech Acoustics*. Kluwer.

### Edited volumes

86. Harrington, J. and Tabain, M. (2006) *Speech Production: Models, Phonetic Processes, and Techniques*. Psychology Press: New York.
87. Bird, S. and Harrington, J. (2001). Guest editors for special issue on 'speech annotation and corpora'. *Speech Communication*. Vol. 33, 1-174.

### Refereed journal articles

88. Harrington, J., Kleber, F., and Reubold, U. (2008). [Compensation for coarticulation, /u/-fronting, and sound change in Standard Southern British: an acoustic and perceptual study](#). *Journal of the Acoustical Society of America*, 123, 2825-2835.
89. Guzik, K. & Harrington, J. (2007). [The quantification of place of articulation assimilation in electropalatographic data using the similarity index \(SI\)](#). *Advances in Speech-Language Pathology*, 9, 109-119.
90. Harrington, J. (2006). [An acoustic analysis of 'happy-tensing' in the Queen's Christmas broadcasts](#), *Journal of Phonetics*, 34 439-457.
91. Rastle, K., Croot, K., Harrington, J., and Coltheart, M. (2005). Characterizing the motor execution stage of speech production: Consonantal effects on delayed naming

- latency and onset duration. *Journal of Experimental Psychology: Human Perception and Performance*, 31(5), 1083-1095.
92. Rastle, K., Harrington, J., and Coltheart, M. (2002). 358,534 Nonwords: The ARC nonword database. *Quarterly Journal of Experimental Psychology*, 2002,55A(4), 1339–1362.
93. Bird, S. and Harrington, J. (2001). [Speech annotation and corpus tools](#). *Speech Communication*, 33, 1-4.
94. Fletcher, J. and Harrington, J. (2001). High Rising Terminals and fall-rise tunes in Australian English. *Phonetica*, 58, 215–229.
95. Cassidy, S. and Harrington, J. (2001). [Multi-level annotation in the Emu speech database management system](#). *Speech Communication*, 33, 61-77.
96. Harrington, J., Palethorpe, S., and Watson, C. (2000). [Does the Queen speak the Queen's English?](#) *Nature*, 408, 927-928.
97. Harrington, J., Palethorpe, S., and Watson, C. (2000). [Monophthongal vowel changes in Received Pronunciation: an acoustic analysis of the Queen's Christmas Broadcasts](#). *Journal of the International Phonetic Association*, 63-78.
98. Watson, C. I., Maclagan, M., and Harrington J. (2000). [Acoustic evidence for vowel change in New Zealand English](#). *Language Variation and Change*, 12, 51-68.
99. Rastle, K., Harrington, J., Coltheart, M., Palethorpe, S. (2000). Reading aloud begins when the computation of phonology finishes. *Journal of Experimental Psychology: Human Perception and Performance*, 26, 1178-1191.
100. Watson, C.I. and Harrington, J. (1999). [Acoustic evidence for dynamic formant trajectories in Australian English Vowels](#). *Journal of the Acoustical Society of America*, 106, 458-468.
101. Watson C.I., Harrington, J. & Evans, Z. (1998). [An acoustic comparison between New Zealand and Australian English vowels](#). *Australian Journal of Linguistics*, 18, 2, 185-208.
102. Harrington, J., Cox F., and Evans, Z. (1997). [An acoustic phonetic study of broad, general, and cultivated Australian English vowels](#). *Australian Journal of Linguistics*, 17, 155-184.
103. Millar, J., Dermody, P., Harrington, J., and Vonwiller, J. (1997). Spoken Language Resources for Australian Speech Technology. *Journal Of Electrical and Electronic Engineers Australia*, 1, 13-23.
104. Cassidy, S. & Harrington, J. (1995). [The place of articulation distinction in voiced oral stops: evidence from burst spectra and formant transitions](#). *Phonetica*, 52, 263-284.
105. Harrington, J., Fletcher, J. & Roberts, C. (1995). [Coarticulation and the accented/unaccented distinction: evidence from jaw movement data](#). *Journal of Phonetics*, 23, 305-322.
106. Harrington, J. (1994). [The contribution of the murmur and vowel to the place of articulation distinction in nasal consonants](#). *Journal of the Acoustical Society of America*, 96, 19-32.
107. Harrington, J. & Cassidy, S. (1994). Target and dynamic theories of vowel perception: evidence from a large speech corpus. *Language & Speech*, 37, 357-373.



108. Harrington, J., Cassidy, S., Fletcher, J. and McVeigh, A. (1993). [The mu+ system for corpus-based speech research](#). *Computer Speech & Language*, 7, 305-331.
109. Harrington, J., Watson, G. & Cooper, M. (1989). Word boundary detection in broad class and phoneme strings. *Computer Speech & Language*, 3, 367-382.
110. Harrington, J. (1988). [Stuttering, delayed auditory feedback and linguistic rhythm](#). *Journal of Speech and Hearing Research*, 31, 36-47.
111. Harrington, J. (1988). Reply to G. Borden's comments (Letter to the editor) *Journal of Speech and Hearing Research*, 31, 138-140.
112. Harrington, J. & Johnstone, A. (1987). The effects of equivalence classes on parsing phonemes into words in continuous speech recognition. *Computer Speech & Language*, 2, 273-288.

### Chapters in books

113. Harrington, J. (2007). [Evidence for a relationship between synchronic variability and diachronic change in the Queen's annual Christmas broadcasts](#). In J. Cole and J. Hualde (Eds.) *Laboratory Phonology 9*. Mouton: Berlin. (pp. 125-143).
114. Harrington, J. & Tabain, M. (2006). Introduction. In J. Harrington & M. Tabain (Eds.) *Speech Production: Models, Phonetic Processes, and Techniques*. Psychology Press: New York.
115. Harrington, J. & Mooshammer, C. (2006). Speech Production. In Keith Brown (Ed.) *Encyclopedia of Language and Linguistics*. Elsevier. ISBN 0-08-044299-4.
116. Harrington, J. (2005). Phonetics. In P. Strazny (Ed.) *Encyclopedia of Linguistics*. *Encyclopedia of Linguistics*. New York: Routledge, (ISBN: 1-57958-391-1.)
117. Harrington, J. (2005). Spectral analysis. In P. Strazny (Ed.) *Encyclopedia of Linguistics*. New York: Routledge, (ISBN: 1-57958-391-1.)
118. Harrington, J., Palethorpe, S., and Watson, C. (2005). [Deepening or lessening the divide between diphthongs? An analysis of the Queen's annual Christmas broadcasts](#). In W.J. Hardcastle & J. Beck (Eds). *The Gift of Speech* (Festschrift for John Laver). Erlbaum. (pp. 227-261).
119. Harrington, J. (2003). Consonant strengthening and lengthening in various languages: comments on three papers. In J. Local, R. Ogden, R. Temple (Eds.). *Laboratory Phonology VI*. Cambridge University Press: Cambridge. (pp. 183-193).
120. Harrington, J., Fletcher, J., and Beckman, M.E. (2000). [Manner and place conflicts in the articulation of accent in Australian English](#). In M. Broe & J. Pierrehumbert (Eds.), *Papers in Laboratory Phonology V* Cambridge University Press: Cambridge. (pp. 40-55).
121. Fletcher, J. & Harrington, J. (1999). Lip and jaw coarticulation. In W.J. Hardcastle & N. Hewlett (Eds). *Coarticulation*. Cambridge University Press: Cambridge. (pp. 144-175).
122. Harrington, J. (1988). Acoustic cues for the recognition of English consonants. In M. Jack & J. Laver (Eds.) *Aspects of Speech Technology*. Edinburgh University Press: Edinburgh. (pp. 69-143)
123. Harrington, J. (1987). An acoustic and electropalatographic study of stuttered speech. In P. H. & W. Hulstijn (Eds.) *Speech Motor Dynamics in Stuttering* Springer-Verlag: New York. (pp. 381-392).

124. Harrington, J. (1987). A model of stuttering and the production of speech under delayed auditory feedback conditions. In P. H. & W. Hulstijn (Eds.) *Speech Motor Dynamics in Stuttering* Springer-Verlag: New York. (pp. 353- 359).

### **Refereed conference papers (published papers)**

125. Harrington, J., Kleber, F., and Reubold, U. (2007). [U-fronting in RP: a link between sound change and diminished perceptual compensation for coarticulation?](#) *Proceedings International Congress of Phonetic Sciences*, Saarbrücken (August 2007).
126. Harrington, J., Palethorpe, S. and Watson, C.I. (2007). [Age-related changes in fundamental frequency and formants: a longitudinal study of four speakers.](#) *Proc. Interspeech 2007*, Antwerp.
127. John, T. & Harrington, J. (2007). [Temporal alignment of creaky voice in neutralised realisations of an underlying, post-nasal voicing contrast in German.](#) *Proc. Interspeech 2007*, Antwerp. (pp. 986-989).
128. Rathcke, T. & Harrington, J. (2007). [The phonetics and phonology of high and low tones in two falling f0-contours in Standard German.](#) *Proc. Interspeech 2007*, Antwerp. (pp. 2753-2756).
129. Bombien, L., Cassidy, S., Harrington, J., John, T., Palethorpe, S. (2006). [Recent Developments in the Emu Speech Database System.](#) *Proceedings of the Australian Speech Science and Technology Conference*, Auckland, December 2006.
130. Rathcke, T., & Harrington, J. (2006). [Is there a distinction between H+!H and H+L in standard German? Evidence from an acoustic and auditory analysis.](#) *Proceedings of the International Speech Prosody Conference*, Dresden.
131. Watson, C., Palethorpe, S., Harrington, J. (2004). Capturing the vowel change in New Zealand English over a thirty year period via a diachronic study. In *Proceedings of 9<sup>th</sup> Australian Speech Science and Technology Conference*, Sydney, 2004 (4 pages).
132. Butcher, A. & Harrington, J. (2003). An instrumental analysis of focus and juncture in Warlpiri. *Proceedings of the International Congress of Phonetic Sciences*, Barcelona, August 2003. (4 pages).
133. Harrington, J., Cassidy, S., John, T. and Scheffers, M. (2003). [Building an interface between EMU and Praat: a modular approach to speech database analysis.](#) *International Congress of Phonetic Sciences*, Barcelona, August 2003. (4 pages).
134. Stephenson, L. & Harrington, J. (2002). Assimilation of place of articulation: Evidence from English and Japanese. *Proceedings of the 9<sup>th</sup> Australian International Conference on Speech Science and Technology*, The University of Melbourne, Australia (4 pages).
135. Onaka, A., Watson, C., Palethorpe, S. and Harrington, J. (2002). Acoustic and articulatory difference of speech segments at different prosodic conditions. *Proceedings of the 9<sup>th</sup> Australian International Conference on Speech Science and Technology*, The University of Melbourne, Australia (4 pages).
136. Harrington, J., Palethorpe, S. and Watson, C. (2000). Vowel change in Received Pronunciation: evidence from the Queen's English. *Proceedings of the 7<sup>th</sup> Australian International Conference on Speech Science and Technology*. (4 pages).

137. Palethorpe, S., Beckman, M.E., Fletcher, J. and Harrington, J. (1999). The contribution of schwa vowels to the prosodic accent contrast in Australian English. *Proceedings of the International Congress of Phonetic Sciences*, San Francisco. (4 pages).
138. Harrington, J., Beckman, M.E., Fletcher, J. and Palethorpe, S. (1998). An electropalatographic, kinematic, and acoustic analysis of supralaryngeal correlates of word and utterance-level prominence contrasts in English. *Proceedings of the 5<sup>th</sup> International Conference on Spoken Language Processing*. (pp. 1851-1854).
139. Watson, C.I., Harrington, J. and Palethorpe, S. (1998). A kinematic analysis of New Zealand and Australian English vowel spaces. *Proceedings of the 5<sup>th</sup> International Conference on Spoken Language Processing*. (pp. 2363-2366).
140. Fletcher, J., Beckman, M. and Harrington, J. (1996). Accentual-prominence-enhancing strategies in Australian English. *Proceedings of the 6<sup>th</sup> Australian International Conference on Speech Science and Technology*. (pp. 577-580).
141. Fletcher, J. and Harrington, J. (1996). Timing of intonational events in Australian English. In P. McCormack & A. Russell (eds.) *Proceedings of the VI<sup>th</sup> Australian International Conference on Speech Science and Speech Technology* (p. 611-616).
142. Cassidy, S. and Harrington, J. (1996). EMU: an enhanced hierarchical speech database management system. *Proceedings of the 6<sup>th</sup> Australian International Conference on Speech Science and Technology* (pp. 361-366).
143. Harrington, J. & So, L. (1994). Some design criteria in the annotation of a spoken database of Cantonese. *Fifth International Conference on Speech Science and Technology, Perth, Australia*. (4 pages).
144. Fletcher, J., Harrington, J. and Hajek, J. (1994). Phonemic vowel length and prosody in Australian English. *Proceedings of the fifth Australian International Conference on Speech Science and Speech Technology, Perth, Australia*, (pp. 656-661).
145. Millar, J.B., Vonwiller, J.P., Harrington, J. and Dermody, P.J. (1994). The Australian National Database Of Spoken Language, *Proceedings International Conference on Acoustics, Speech and Signal Processing, ICASSP94, Adelaide*, (pp. 1971-100).
146. Cassidy, S. and Harrington, J. (1992). Neural network modelling of strong and weak vowels. *Proceedings of the Fourth International Conference on Speech Science and Technology*. Brisbane, Australia. (pp. 495-500).
147. Croot, K., Fletcher, J. and Harrington, J. (1992). Phonetic segmentation on the Australian National Database of Spoken Language. *Proceedings of the Fourth International Conference on Speech Science and Technology*. Brisbane, Australia. (pp. 86-90).
148. McVeigh, A. and Harrington, J. (1992). The mu+ system for speech database analysis. *Proceedings of the Fourth International Conference on Speech Science and Technology*. (pp. 548-553). Brisbane, Australia.
149. Millar, J., Dermody, P., Harrington, J. & Vonwiller, J. (1992). A national cluster of spoken language databases for Australia. *Proc. of the Third Australian Int. Conference on Speech Science and Technology*. Melbourne, Australia. (4 pages).
150. Harrington, J. (1990). The acoustic basis of the distinction between strong and weak vowels. *Proc. of the Third Australian Int. Conference on Speech Science and Technology*. Melbourne, Australia (4 pages).

151. Millar, J., Dermody, P., Harrington, J. & Vonwiller, J. (1990). A national database of spoken language; concept, design, and implementation. *Proc. of the International Conference on Spoken Language Processing (ICSLP-90)*. Kobe, Japan (4 pages).
152. Harrington, J., Watson, G. & Cooper, M. (1988). Word-boundary identification from phoneme sequence constraints in automatic speech recognition. In Vargha D. (Ed.) *Proceedings of the 12th International Conference on Computational Linguistics* (Coling, '88), vol. 1, John von Neumann Society for Computing Sciences. Budapest. (pp. 225-229.)
153. Harrington, J., Johnson, I. & Cooper, M. (1987). The application of phoneme sequence constraints to word boundary identification in automatic continuous speech recognition. In J. Laver & M. Jack (Eds.) *European Conference on Speech Technology*, vol. 1, Edinburgh, U.K. (pp. 163-166).
154. Harrington, J. & Johnstone, A. (1987). The effects of word boundary ambiguity in continuous speech recognition. *Proceedings of the 11th International Conference of Phonetic Sciences*, Tallinn, Estonia, U.S.S.R. (4 pages).
155. Harrington, J. (1987). A technique for the phonetic transcription of stuttering. *Proceedings of the 11th International Conference of Phonetic Sciences, Tallinn, Estonia, U.S.S.R.* (4 pages).
156. Harrington, J., Laver, J. & Cutting, D. (1986). Word-structure reduction rules in automatic, continuous speech recognition. In Lawrence R. (ed.) *Proceedings of the Institute of Acoustics*, 8. (pp. 451-460).
157. Cutting, D. & Harrington, J. (1986). Phonogram: a phonological rule interpreter. In Lawrence R. (ed.) *Proceedings of the Institute of Acoustics*, 8. (pp. 461-469).
158. Onaka, A., Palethorpe, S., Watson, C., Harrington, J., (2003). An acoustic and articulatory analysis of domain-initial strengthening in Japanese. In the *6<sup>th</sup> International Seminar on Speech Production* (Coltheart, M, Croot, K, Fletcher, J., Harrington, J., Mendes, S, Palethorpe, S. and Tabain M, editors). Macquarie Centre for Cognitive Science: Sydney. (Abstract)
159. Watson, C., Palethorpe, S. and Harrington, J. (2003). Acoustic evidence of the vowel change in New Zealand English between 1955 and 1990: a diachronic study. In the *6<sup>th</sup> International Seminar on Speech Production* (Coltheart, M, Croot, K, Fletcher, J., Harrington, J., Mendes, S, Palethorpe, S. and Tabain M, editors). Macquarie Centre for Cognitive Science: Sydney (Abstract)
160. Palethorpe, S., Croot, K., Molloy, N., Gibbon, F and Harrington, J. (2003). An electropalatographic investigation of sibilant production by children with repaired cleft palate. In the *6<sup>th</sup> International Seminar on Speech Production* (Coltheart, M, Croot, K, Fletcher, J., Harrington, J., Mendes, S, Palethorpe, S. and Tabain M, editors). Macquarie Centre for Cognitive Science: Sydney. (Abstract)
161. Butcher, A. and Harrington, J. (2003). An acoustic and articulatory analysis of focus and the word/morpheme boundary distinction in Warlpiri. In the *6<sup>th</sup> International Seminar on Speech Production* (Coltheart, M, Croot, K, Fletcher, J., Harrington, J., Mendes, S, Palethorpe, S. and Tabain M, editors). Macquarie Centre for Cognitive Science: Sydney. (Abstract)
162. Stephenson, L. and Harrington, J., (2003). An electropalatographic study of lexical frequency and place of articulation assimilation. In the *6<sup>th</sup>*

- International Seminar on Speech Production* (Coltheart, M, Croot, K, Fletcher, J., Harrington, J., Mendes, S, Palethorpe, S. and Tabain M, editors). Macquarie Centre for Cognitive Science: Sydney. (Abstract).
163. Rastle, K., Harrington, J., & Coltheart, M. (2002). 358,534 nonwords: The ARC Nonword Database (A). *Paper presented at the meeting of the Society for Computers in Psychology, Kansas City, November, 2002.*
164. Stephenson, L. & Harrington, J. (2002). Lexical and post-lexical assimilation: an EPG study of word blends in English and Japanese (Abstract). *Paper presented at Laboratory Phonology VIII, Haskins Laboratories, USA.*
165. Watson, C.I., Maclagan, M., and Harrington, J. (1998). Acoustic evidence of vowel shift in New Zealand English. *Abstracts of Laboratory Phonology VI, York, U.K. (Abstract).*
166. Rastle, K., Harrington, J., Coltheart, M., & Palethorpe, S. (1998). Reading aloud begins when the computation of phonology is complete. *1998 Meeting of the Psychonomic Society, Dallas. (Abstract).*
167. Harrington, J., Beckman, M.E. , Fletcher, J. and Palethorpe, S. (1997). Kinematic and spectral measures of supralaryngeal correlates of the accent contrast in Australian English high vowels. 134th meeting of the Acoustical Society of America. *Journal of the Acoustical Society of America, 102, 3205. (Abstract).*
168. Harrington, J., Beckman, M.E. , Fletcher, J. and Palethorpe, S. (1996). Competing hypotheses concerning the articulation of stress in English. 131st meeting of the Acoustical Society of America. *Journal of the Acoustical Society of America, 99, 2494. (Abstract).*
169. Harrington, J. and Fletcher, J. (1996). Acoustic (non)consequences of gestural variability in the production of accentual prominence (A). 3rd Joint Meeting of the Acoustical Society of America and Japan. *Journal of the Acoustical Society of America, 100, 2826. (Abstract).*
170. Harrington, J. and Fletcher, J. (1996). Acoustic (non)consequences of gestural variability in the production of accentual prominence (A). 3rd Joint Meeting of the Acoustical Society of America and Japan. *Journal of the Acoustical Society of America, 100, 2826. (Abstract).*
171. Fletcher, J. and Harrington J. (1995). Coproduction, accent and the tense/lax contrast. *Journal of the Acoustical Society of America, 98.5, pt.2. (Abstract).*
172. Cassidy, S. and Harrington, J. (1993). Target and dynamic theories of vowel perception. Evidence from neural network classifications. *Language & Speech Conference, Sydney. (A).*
173. Harrington, J. and McVeigh (1992). Analysing acoustic and articulatory speech data using the mu+ speech database interrogation system. *Journal of the Acoustical Society of America, vol. 91, supplement 1. (A).*
174. Harrington, J. (1991). Target and dynamic studies of vowel classification from a large speech database. *Language & Speech Conference, Melbourne. (A).*
175. Harrington, J. (1991). Target and dynamic studies of vowel classification from a large speech database. *Language & Speech Conference, Melbourne. (A).*

176.Harrington, J., Watson, G. & Cooper, M. (1988). Word-boundary identification in automatic speech recognition. *Journal of the Acoustical Society of America* (abstract), 84 (Supplement 1), S. 217.

**Unpublished m/s**

177.Harrington, J. & Watson, G. (1990). [An environment for acoustic phonetic research](#). APS user guide. Unpublished m/s, Centre for Speech Technology Research, Edinburgh, U.K.