

Martin J. Ball

Publications and Conference Presentations

Authored Books

1. **Ball, M. J.**, Rahilly, J., Lowry, O., Bessell, N. & Lee, A. (2020). *Phonetics for Speech Pathology*. 3rd edition. Sheffield: Equinox.
2. **Ball, M. J.** (2016). *Principles of Clinical Phonology. Theoretical Approaches*. New York: Psychology Press.
3. **Ball, M. J.**, Müller, N. and Rutter, B. (2010). *Phonology for Communication Disorders*. Hove: Psychology Press.
4. **Ball, M. J.** and Müller, N. (2005). *Phonetics for Communication Disorders*. Mahwah, NJ: Lawrence Erlbaum.
5. **Ball, M. J.** and Lowry, O. (2001). *Methods in Clinical Phonetics*. London: Whurr.
6. **Ball, M. J.** and Williams, B. (2001). *Welsh Phonetics*. Lewiston, NY: Edwin Mellen Press.
7. **Ball, M. J.** and Rahilly, J. (1999). *Phonetics. The Science of Speech*. London: Edward Arnold.
8. **Ball, M. J.**, Rahilly, J. and Tench, P. (1996). *The Phonetic Transcription of Disordered Speech*. San Diego: Singular Publishing.
9. **Ball, M. J.** (1993) *Phonetics for Speech Pathology*. 2nd edition. London: Whurr.
10. **Ball, M. J.** (1992). *The Clinician's Guide to Linguistic Profiling of Language Impairment*. Kibworth: Far Communications.
11. **Ball, M. J.** and Müller, N. (1992). *Mutation in Welsh*. London: Routledge.
12. **Ball, M. J.** (1989). *Phonetics for Speech Pathology*. London: Taylor and Francis Ltd. (Reissued 1990, London: Whurr)

Edited Books

1. **Ball, M.J.**, Müller, N. and Spencer, E. (Eds.) (in preparation, 2023). *Handbook of Clinical Linguistics*. 2nd edition. Chichester, UK: Wiley-Blackwell.
2. **Ball, M.J.** Mesthrie, R., and Meluzzi, C. (Eds.) (2023). *The Handbook of Sociolinguistics around the World*. 2nd edition. London: Routledge.
3. **Ball, M. J.** (Ed.) (in preparation, 2024). *Approximants*. Sheffield: Equinox.
4. **Ball, M. J.** (Ed.) (2021). *Manual of Clinical Phonetics*. London: Routledge.

5. Damico, J., Müller, N. and **Ball, M. J.** (Eds.) (2021). *Handbook of Language and Speech Disorders*. 2nd edition. Chichester, UK: Wiley-Blackwell.
6. Babatsouli, E. and **Ball, M. J.** (Eds.) (2020). *An Anthology of Bilingual Child Phonology*. Bristol: Multilingual Matters.
7. **Ball, M. J.**, Fletcher, P. and Crystal, D. (Eds) (2019). *Grammatical Profiles: Further Languages of LARSP*. Bristol: Multilingual Matters.
8. Damico, J. and **Ball, M. J.** (2019). *The Sage Encyclopedia of Human Communication Sciences and Disorders* (4 volumes). Thousand Oaks, CA: Sage.
9. **Ball, M. J.** and Müller, N. (Ed.) (2016). *Challenging Sonority: Cross-linguistic evidence*. Sheffield: Equinox.
10. Fletcher, P., **Ball, M. J.**, and Crystal, D. (Eds) (2016). *Profiling Grammar: More Languages of LARSP*. Bristol: Multilingual Matters.
11. **Ball, M. J.**, Müller, N. and Nelson, R. (Eds.) (2014). *The Handbook of Qualitative Research in Communication Disorders*. New York Psychology Press.
12. Müller, N. and **Ball, M. J.** (Eds) (2013). *Research Methods in Clinical Linguistics and Phonetics: A Practical Guide*. New York: Wiley-Blackwell.
13. **Ball, M. J.** and Gibbon, F. (Eds.) (2013). *Handbook of Vowels and Vowel Disorders*. New York: Psychology Press.
14. **Ball, M. J.**, Crystal, D. and Fletcher, P. (Eds) (2012). *Assessing Grammar: The Languages of LARSP*. Bristol: Multilingual Matters.
15. Damico, J., Müller, N. and **Ball, M. J.** (Eds.) (2010). *Handbook of Language and Speech Disorders*. Chichester, UK: Wiley-Blackwell.
16. **Ball, M. J.** (Ed.) (2009). *Sociolinguistics around the World*. London: Routledge.
17. Powell, T. and **Ball, M. J.** (Eds.) (2009). *Clinical Linguistics*. 4 volumes. Critical Concepts in Linguistics series. London: Routledge.
18. **Ball, M. J.** and Müller, N. (Eds.) (2009). *The Celtic Languages*. 2nd edition. London: Routledge.
19. **Ball, M. J.**, Perkins, M., Müller, N. and Howard, S. (Eds.) (2008). *Handbook of Clinical Linguistics*. Oxford: Blackwell.
20. **Ball, M. J.** and Damico, J. (Eds.) (2007). *Clinical Aphasiology: Future Directions*. Hove: Psychology Press.
21. **Ball, M. J.** (Ed.) (2005). *Clinical Sociolinguistics*. Oxford: Blackwell.
22. **Ball, M. J.** and Gibbon, F. (Eds) (2002). *Vowel Disorders*. Woburn, MA: Butterworth-Heinemann.

23. Kent, R. D. and **Ball, M. J.** (Eds) (2000). *Voice Quality Measurement*. San Diego: Singular Publishing.
24. **Ball, M. J.** and Code, C. (Eds) (1997). *Instrumental Clinical Phonetics*. London: Whurr.
25. **Ball, M. J.** and Kent, R. D. (Eds) (1997). *The New Phonologies: Developments in Clinical Linguistics*. San Diego: Singular Publishing.
26. **Ball, M. J.** and Duckworth, M. (Eds) (1996). *Advances in Clinical Phonetics*. Amsterdam: John Benjamins.
27. **Ball, M. J.** (Ed) (1993). *The Celtic Languages*. London: Routledge.
28. **Ball, M. J.**, Fife, J., Poppe, E. and Rowland, J. (Eds) (1990). *Celtic Linguistics /Leithyddiaeth Geltaidd. Readings in the Brythonic Languages. Festschrift for T. Arwyn Watkins*. Amsterdam: John Benjamins.
29. **Ball, M. J.** (Ed) (1988). *Theoretical Linguistics and Disordered Language*. London: Croom Helm; San Diego: College Hill Press.
30. **Ball, M. J.** (Ed) (1988). *The Use of Welsh*. Clevedon: Multilingual Matters.
31. **Ball, M. J.** and Jones, G. E. (Eds) (1984). *Welsh Phonology. Selected Readings*. Cardiff: University of Wales Press.
32. Code, C. and **Ball, M. J.** (Eds) (1984). *Experimental Clinical Phonetics*. London: Croom Helm. Appeared in U.S. as *Instrumentation in Speech-Language Pathology*. San Diego: College Hill Press.

Contributions to Books

1. **Ball, M. J.** (in preparation). Transcription of approximants. In Ball, M. J. (Ed.), *Approximants*. Sheffield: Equinox.
2. Medina, A., **Ball, M. J.** & Müller, N. (in preparation). Stuttering in two languages: An SFL-based exploration of bilingual stuttering. In Babatsouli, E. (Ed.), *Multilingual acquisition and learning: An ecosystemic view of diversity* Amsterdam: John Benjamins.
3. Müller, N. & **Ball, M. J.** (forthcoming). Acquisition of Irish phonology. In Chondrogianni, V., O'Toole, C. & Thomas, E. (Eds.), *The Acquisition of Celtic Languages*. Cambridge: Cambridge University Press.
4. **Ball, M. J.** & Müller, N. (forthcoming) Articulatory and phonological foundations of speech acquisition. In McLeod, S. (Ed.), *The Handbook of Speech Development in Languages of the World*. Oxford: Oxford University Press.

5. **Ball, M. J.** & Rutter, B. (forthcoming) Government phonology and speech impairment. In Ball, M. J., Müller, N. & Spencer, E. (Eds.), *The Handbook of Clinical Linguistics*, 2nd edition. Chichester: Wiley-Blackwell.
6. Archer, B., Gulick, E., Damico, J. S., and **Ball, M. J.** (forthcoming) Clinical sociolinguistics. In Ball, M. J., Müller, N. & Spencer, E. (Eds.), *The Handbook of Clinical Linguistics*, 2nd edition. Chichester: Wiley-Blackwell.
7. Rutter, B. and **Ball, M. J.** (2023) Psycholinguistic validity and phonological representation. In Guendouzi, J., Loncke, F. and Williams, M. (Eds) *The Handbook of Psycholinguistic and Cognitive processes: Perspectives in Communication Disorders*. 2nd ed. London: Routledge, pp. 264-274.
8. **Ball, M. J.** (2021). An introduction to speech disorders. In Ball, M. J. (Ed.), *Manual of Clinical Phonetics*. London: Routledge, pp. 65-73.
9. **Ball, M. J.**, Lowry, O. & McInnis, L. (2021). Stylistic variation in misarticulation. In Ball, M. J. (Ed.), *Manual of Clinical Phonetics*. London: Routledge, pp. 101-107.
10. **Ball, M. J.** (2021). Transcribing disordered speech. In Ball, M. J. (Ed.), *Manual of Clinical Phonetics*. London: Routledge, pp. 163-174.
11. **Ball, M. J.** (2021). Transcribing: By target or realization? In Ball, M. J. (Ed.), *Manual of Clinical Phonetics*. London: Routledge, pp. 187-192.
12. **Ball, M. J.**, Müller, N., Klopfenstein, M. & Rutter, B. (2021). Examples of narrow phonetic transcription in disordered speech. In Ball, M. J. (Ed.), *Manual of Clinical Phonetics*. London: Routledge, pp. 193-207.
13. Damico, J. Müller, N. and **Ball, M. J.** (2021) Social and Practical Considerations in Labeling. In Damico, J. Müller, N. and Ball, M. J. (Eds.) *Handbook of Language and Speech Disorders*. 2nd edition. Chichester, UK: Wiley-Blackwell, pp. 3-28.
14. **Ball, M. J.**, and Müller, N. (2019) Sonority and initial consonant mutation in modern Celtic. In Bloch-Trojnar, M. and Ó Fionnáin, M. (Eds.), *Centres and Peripheries in Celtic Linguistics*. Bern: Peter Lang, pp. 11-26.
15. **Ball, M. J.**, and Müller, N. (2016) Sonority and initial consonant mutation in the Celtic languages. In Ball, M. J. & Müller, N. (Eds.), *Challenging Sonority: Cross-linguistic evidence from normal and disordered language*. Sheffield: Equinox, pp. 276-294.
16. **Ball, M. J.**, Müller, N. and Code, C. (2016) Sonority and aphasia. In Ball, M. J. & Müller, N. (Eds.), *Challenging Sonority: Cross-linguistic evidence from normal and disordered language*. Sheffield: Equinox, pp. 397-424.
17. **Ball, M. J.** (2015) How many rhotic phonemes does modern Welsh have? In Czerniak, T., Czerniakowski, M. and Jaskuła, K. (Eds.), *Representations and Interpretations in Celtic Studies*. Lublin: John Paul II Catholic University of Lublin, pp. 49-61.
18. Müller, M. & **Ball, M. J.** (2015) Clinical linguistics (and phonetics). In C. Bowen, *Children's speech sound disorders (2nd ed.)*. Oxford: Wiley-Blackwell, pp. 28-31.

19. Rutter, B., **Ball, M. J.** and Kroll, A. (2014) Interactional phonetics: background and examples. In Ball, M. J., Müller, N. and Nelson, R. (Eds.), *The Handbook of Qualitative Research in Communication Disorders*. New York Psychology Press. Pp. 311-328.
20. **Ball, M. J.** and Keegan, L. (2013) Clinical sociolinguistics. In Müller, N. and Ball, M. J. (Eds), *Research Methods in Clinical Linguistics and Phonetics: A Practical Guide*. New York: Wiley-Blackwell. Pp. 146-159.
21. **Ball, M. J.**, Howard, S., Müller, N., and Granese, A. (2013) Data processing: Transcriptional and impressionistic methods. In Müller, N. and Ball, M. J. (Eds), *Research Methods in Clinical Linguistics and Phonetics: A Practical Guide*. New York: Wiley-Blackwell. Pp. 177-194.
22. Müller, N. and **Ball, M. J.** (2013) Linguistics, phonetics, and speech-language pathology: Clinical linguistics and phonetics. In Müller, N. and Ball, M. J. (Eds), *Research Methods in Clinical Linguistics and Phonetics: A Practical Guide*. New York: Wiley-Blackwell. Pp. 1-9.
23. **Ball, M. J.** (2013) A phonological analysis of vowel disorders. In Ball, M. J. and Gibbon, F. (Eds.), *Handbook of Vowels and Vowel Disorders*. New York: Psychology Press. Pp. 406-428.
24. **Ball, M. J.** (2013) Representing Speech Sounds with Written Symbols: Introducing the IPA and the Extended IPA. In Peter, B. and MacLeod, A. (Eds.), *Comprehensive Perspectives on Child Speech Development and Disorders: Pathways from Linguistic Theory to Clinical Practice*. Hauppauge, NY: Nova Publishers. Pp. 561-565.
25. **Ball, M. J.** and Thomas, E. M. (2012) LLARSP: a grammatical profile for Welsh. In Ball, M. J., Crystal, D. and Fletcher, P. (Eds), *Assessing Grammar: The Languages of LARSP*. Bristol: Multilingual Matters. Pp. 110-138.
26. Topbaş, S., Cangökçe-Yaşar, Ö. and **Ball, M. J.** (2012) LARSP for Turkish (TR-LARSP). In Ball, M. J., Crystal, D. and Fletcher, P. (Eds), *Assessing Grammar: The Languages of LARSP*. Bristol: Multilingual Matters. Pp. 282-305.
27. **Ball, M. J.** (2012) Vowels and consonants of the world's languages. In McLeod, S. and Goldstein, B. (Eds.), *Multilingual Aspects of Speech Disorders in Children*. Bristol: Multilingual Matters. Pp. 32-41.
28. Rutter, B. and **Ball, M. J.** (2011) Psycholinguistic validity and phonological representation. In Guendouzi, J., Loncke, F. and Williams, M. (Eds) *The Handbook of Psycholinguistic and Cognitive processes: Perspectives in Communication Disorders*. Hove: Psychology Press. Pp. 313-326.
29. Damico, J. Müller, N. and **Ball, M. J.** (2010) Social and Practical Considerations in Labeling. In Damico, J. Müller, N. and Ball, M. J. (Eds.) *Handbook of Language and Speech Disorders*. Chichester, UK: Wiley-Blackwell. Pp. 11-37.
30. **Ball, M. J.** and Müller, N. (2009) Clinical Phonology. In Wei, L., and Cook, V. (Eds.) *Contemporary Applied Linguistics, Volume 2: Language for the Real World*. London: Continuum. Pp. 202-222.

31. **Ball, M. J.** (2008) Government phonology and speech impairment. In Ball, M. J., Perkins, M., Müller, N. and Howard, S. (Eds.) *Handbook of Clinical Linguistics*. Oxford: Blackwell. Pp. 452-456.
32. Damico, J. and **Ball, M. J.** (2008) Sociolinguistics. In Ball, M. J., Perkins, M., Müller, N. and Howard, S. (Eds.) *Handbook of Clinical Linguistics*. Oxford: Blackwell. Pp. 107-129.
33. **Ball, M. J.** (2007) Welsh. In Britain, D. (Ed.), *Language in the British Isles* (2nd edition). Cambridge: Cambridge University Press. Pp. 237-253.
34. **Ball, M. J.** and Damico, J. (2007) Chris Code's contribution to aphasiology. In Ball, M. J. and Damico, J. (Eds.) *Clinical Aphasiology: Future Directions*. Hove: Psychology Press. Pp. 1-13.
35. Damico, J., **Ball, M. J.**, Simmons-Mackie, N. and Müller, J. (2007) Interactional structuring of intervention. In Ball, M. J. and Damico, J. (Eds.) *Clinical Aphasiology: Future Directions*. Hove: Psychology Press. Pp. 92-103.
36. **Ball, M. J.** (2007) Articulatory Foundations of Speech Acquisition. In McLeod, S. (Ed.) *The International Guide to Speech Acquisition*. San Diego: Delmar-Thomson.
37. Munro, S., **Ball, M. J.** and Müller, N. (2007) Welsh Speech Acquisition. In McLeod, S. (Ed.) *The International Guide to Speech Acquisition*. San Diego: Delmar-Thomson. Pp. 592-607.
38. **Ball, M. J.**, Müller, N. and Munro, S. (2006) Welsh/English-speaking bilingual children. In Hua, Z. and Dodd, B. (Eds.), *Phonological development and disorders in Children: A Multilingual Perspective*. Clevedon: Multilingual Matters. Pp. 346-382.
39. **Ball, M. J.** (2006) Transcribing at the segmental level. In Müller, N. (Ed.), *Multilayered Transcription*. San Diego: Plural Publications. Pp. 49-67.
40. Müller, N. and **Ball, M. J.** (2006) Putting the toolkit together. In Müller, N. (Ed.), *Multilayered Transcription*. San Diego: Plural Publications. Pp. 149-160.
41. Müller, N. and **Ball, M. J.** (2005) Diglossia and Code-switching. In **Ball, M. J.** (Ed.) *Clinical Sociolinguistics*. Oxford: Blackwell. Pp. 49-62.
42. **Ball, M. J.** (2004) Instrumental speech assessment. In Kent, R. D. (Ed.), *The MIT Encyclopedia of Communication Disorders*. Cambridge, Mass.: MIT Press. Pp. 169-173.
43. **Ball, M. J.** (2002) Clinical phonology of vowel disorders. In Ball, M. J. and Gibbon, F. (Eds) *Vowel Disorders*. London: Butterworth-Heinemann. Pp. 187-216.
44. **Ball, M. J.** (2000) Problems in pragmatic profiling. In Müller, N. (Ed.) *Pragmatics and Clinical Applications*. Amsterdam: John Benjamins. Pp 89-106.
45. **Ball, M. J.**, Esling, J. and Dickson, C. (2000) Transcription of voice. In Kent, R. D. and Ball, M. J. (Eds.) *Voice Quality Measurement*. San Diego: Singular Publishing. Pp 49-58.

46. **Ball, M. J.** (1997) Evidence from vowel disorders for the nature of minimal phonological units in acquisition. In Ziegler, W. and Deger, K. (Eds) *Clinical Phonetics and Linguistics*. London: Whurr. Pp 73-79.
47. **Ball, M. J.** (1997) Monovalent Phonologies: Dependency Phonology and an introduction to Government Phonology. In Ball, M. J. and Kent, R. D. (Eds) *The New Phonologies: Directions in Clinical Linguistics*. San Diego: Singular Publishing. Pp 127-161.
48. **Ball, M. J.** and Gröne, B. (1997) Imaging techniques. In Ball, M. J. and Code, C. (Eds) *Instrumental Clinical Phonetics*. London: Whurr. Pp 194-227.
49. Müller, N., Hurd, A. and **Ball, M. J.** (1997) Phonological awareness and severe reading/writing delay. In Ziegler, W. and Deger, K. (Eds) *Clinical Phonetics and Linguistics*. London: Whurr. Pp 101-112.
50. **Ball, M. J.** and Local, J. (1996) Advances in impressionistic transcription of disordered speech. In Ball, M. J. and Duckworth, M. (Eds) *Advances in Clinical Phonetics*. Amsterdam: John Benjamins. Pp 51-89.
51. **Ball, M. J.** and Rahilly, J. (1996) Acoustic analysis as an aid to the transcription of an example of disfluent speech. In Ball, M. J., and Duckworth, M. (Eds) *Advances in Clinical Phonetics*. Amsterdam: John Benjamins. Pp 197-216.
52. **Ball, M. J.** (1990) The lateral fricative: lateral or fricative? In Ball, M. J., Fife, J., Poppe, E. and Rowland, J. (Eds) *Celtic Linguistics/Ieithyddiaeth Geltaidd. Readings in the Brythonic Languages: Festschrift for T. Arwyn Watkins*. Amsterdam: John Benjamins. Pp 109-25.
53. **Ball, M. J.** (1988) Investigating Performance and Competence in Variation Studies: Adapting Techniques from Speech Pathology. In Thomas, A. R. (Ed) *Methods in Dialectology*. Clevedon: Multilingual Matters. Pp 1-10.
54. **Ball, M. J.** (1988) The contribution of speech pathology to the development of phonetic description. In Ball, M. J. (Ed) *Theoretical Linguistics and Disordered Language*. London: Croom Helm. Pp 168-88.
55. Code, C. and **Ball, M. J.** (1988) Apraxia of speech: the case for a cognitive phonetics. In Ball, M. J. (Ed) *Theoretical Linguistics and Disordered Language*. London: Croom Helm. Pp 152-67.
56. **Ball, M. J.** (1988) Accounting for linguistic variation: Dialectology. In Ball, M. J. (Ed) *The Use of Welsh*. Clevedon: Multilingual Matters. Pp 7-23.
57. **Ball, M. J.** (1988) Accounting for linguistic variation: Sociolinguistics. In Ball, M. J. (Ed) *The Use of Welsh*. Clevedon: Multilingual Matters. Pp 24-38.
58. **Ball, M. J.** (1988) The study of pronunciation patterns. In Ball, M. J. (Ed) *The Use of Welsh*. Clevedon: Multilingual Matters. Pp 49-57.

59. **Ball, M. J.** (1988) Variation in grammar. In Ball, M. J. (Ed) *The Use of Welsh*. Clevedon: Multilingual Matters. Pp 58-69.
60. **Ball, M. J.** (1988) Variation in the use of initial consonant mutations. In Ball, M. J. (Ed) *The Use of Welsh*. Clevedon: Multilingual Matters. Pp 70-81.
61. **Ball, M. J.** (1988) Variation in mutation - where do the variable rules go? In Ball, M. J. (Ed) *The Use of Welsh*. Clevedon: Multilingual Matters. Pp 307-18.
62. **Ball, M. J.**, Griffiths, T. and Jones, G. E. (1988) Broadcast Welsh. In Ball, M. J. (Ed) *The Use of Welsh*. Clevedon: Multilingual Matters. Pp 182-99.
63. **Ball, M. J.** (1984) Phonetics for phonology. In Ball, M. J. and Jones, G. E. (Eds) *Welsh Phonology*. Cardiff: University of Wales Press. Pp 5-39.
64. **Ball, M. J.** (1984) X-ray techniques. In Code, C. and Ball, M. J. (Eds) *Experimental Clinical Phonetics*. London: Croom Helm. Pp 107-28.
65. **Ball, M. J.** (1984) Phonological development and assessment. In Miller, N. (Ed), *Bilingualism and Language Disability*. London: Croom Helm. Pp 115-30.

Refereed Journal Articles

1. Keegan, L.C., Müller, N., **Ball, M.J.** & Togher, L. (2022). Anger and aspirations: Linguistic analysis of identity after traumatic brain injury. *Neuropsychological Rehabilitation*, **32** (8), 2029-2053.
2. Lee, A., Bessell, N., Van den Heuvel, H., Saalasti, S., Klessa, K. Müller, N. & **Ball, M. J.** (2022). The latest development of the DELAD project for sharing corpora of speech disorders. *Clinical Linguistics and Phonetics*, **36**, 102-110.
3. Code, C., Tree, J. & **Ball, M. J.** (2021) Stroke-induced and progressive forms of apraxia of speech: Differences correlated with style of speech event. *Journal of Interactional Research in Communication Disorders*, **12**, 77-96.
4. Henriksson, I., Hjertén, A., Zackariasson, J., Davidsson, L., Damberg, A. A., Saldert, C., **Ball, M. J.** & Müller, N. (2019). Public awareness of aphasia: results of a Swedish sample. *Aphasiology*, **33**, 94-104. (Early online 2018.)
5. **Ball, M. J.**, Howard, S. J. and Miller, K. (2018) Revisions to the extIPA chart. *Journal of the International Phonetic Association*, **48**, 155-164. (Early online 2017.)
6. **Ball, M. J.**, Esling, J. and Dickson, C. (2018) Revisions to the VoQS system for the transcription of voice quality. *Journal of the International Phonetic Association*, **48**, 165-171. (Early online 2017.)
7. **Ball, M. J.** (2017). Transcribing rhotics in normal and disordered speech. *Clinical Linguistics and Phonetics*, **31**, 806-809.

8. **Ball, M. J.** and Howard, S. J. (2017). Classifying disordered speech: ‘Stridency deletion’ and phonological processes. *Journal of Interactional Research in Communication Disorders*, **8**, 147-161.
9. Lockenvitz, S., Kuecker, K. and **Ball, M. J.** (2015) Evidence for the distinction between ‘consonantal-/r/’ and ‘vocalic-/r/’ in American English. *Clinical Linguistics and Phonetics*, **29**, 613-622.
10. **Ball, M. J.** (2014). The *rhaeadr* effect in clinical phonology. *Clinical Linguistics and Phonetics*, **28**, 453-462.
11. **Ball, M. J.**, Müller, N. and Granese, A. (2013) Towards an evidence-base for /r/ therapy in English. *Journal of Clinical Speech and Language Studies*, **20**, 1-23.
12. Code, C., **Ball, M. J.**, Tree, J. and Dawe, K. (2013) The effects of initiation, termination and inhibition impairments on speech rate in a case of progressive nonfluent aphasia with progressive apraxia of speech with frontotemporal degeneration. *Journal of Neurolinguistics*, **26**, 602-618.
13. Code, C., **Ball, M. J.** and Tree, J. (2011) The influence of psycholinguistic variables on articulatory errors in naming in progressive motor speech degeneration. *Clinical Linguistics and Phonetics*, **25**, 1074-1080.
14. **Ball, M. J.** and Rahilly, J. (2011) The symbolization of central approximants in the IPA. *Journal of the International Phonetic Association*, **41**, 231-237.
15. **Ball, M. J.**, Müller, N., Klopfenstein, M. and Rutter, B. (2010) My client’s using non-English sounds! A tutorial in advanced phonetic transcription. Part 2: Vowels and Diacritics. *Contemporary Issues in Communication Sciences and Disorders*, **37**, 103-110.
16. Rutter, B., Klopfenstein, M., **Ball, M. J.**, and Müller, N. (2010) My client’s using non-English sounds! A tutorial in advanced phonetic transcription. Part 3: Prosody and Unattested Sounds. *Contemporary Issues in Communication Sciences and Disorders*, **37**, 111-122.
17. **Ball, M. J.** and Damico, J. (2010) Toward an interactional clinical phonetics and phonology. *Journal of Interactional Research in Communication Disorders*, **1**, 31-44.
18. Damico, J. and **Ball, M. J.** (2010) Prolegomenon: Addressing the tyranny of old ideas. *Journal of Interactional Research in Communication Disorders*, **1**, 1-29.
19. Klopfenstein, M. and **Ball, M. J.** (2010) An analysis of the sonority hypothesis and cluster realization in a child with phonological disorder. *Clinical Linguistics and Phonetics*, **24**, 261-270.
20. **Ball, M. J.** (2009) Response to W. J. Barry & J. Trouvain, ‘Do we need a symbol for a central open vowel?’ *Journal of the International Phonetic Association*, **39**, 233-234.
21. **Ball, M. J.**, Müller, N., Rutter, B. and Klopfenstein, M. (2009) My client’s using non-English sounds! A tutorial in advanced phonetic transcription. Part 1: Consonants. *Contemporary Issues in Communication Sciences and Disorders*, **36**, 133-141.

22. Müller, N. and **Ball, M. J.** (2009) Transcribing prosody. Commentary on ‘Why is prosody in speech-language pathology so difficult?’ *International Journal of Speech Language Pathology*, **11**, 305-307.
23. **Ball, M. J.**, Müller, N., Klopfenstein, M. and Rutter, B. (2009) The importance of narrow phonetic transcription for highly unintelligible speech: Some examples. *Logopedics Phoniatics Vocology*, **34**, 84-90.
24. **Ball, M. J.**, Dixon-Millar, J. and Crain, K. (2009) Adapting Cued Speech for Welsh. *International Journal of Speech Language Pathology*, **11**, 234-243.
25. **Ball, M. J.** (2008) Transcribing disordered speech: by target or by production. *Clinical Linguistics and Phonetics*, **22**, 864-870.
26. **Ball, M. J.** Rutter, B. and Code, C. (2008) Phonological Analyses of a case of Progressive Speech Degeneration. *Asia-Pacific Journal of Speech, Language and Hearing*, **11**, 305-312.
27. Müller, N., **Ball, M. J.** and Rutter, N. (2008) An idiosyncratic case of /r/ disorder: Application of principles from Systemic Phonology and Systemic Functional Linguistics. *Asia-Pacific Journal of Speech, Language and Hearing*, **11**, 269-281.
28. **Ball, M. J.** and Müller, N. (2007) Non-pulmonic egressive speech sounds in disordered speech: a brief review. *Clinical Linguistics and Phonetics*, **21**, 869-874.
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24. Kuecker, K., Lockenvitz, S. & **Ball, M. J.** (2014). Different transcription conventions for syllable-final /r/ in American English: Acoustic evidence. Poster presented at American Speech-Language-Hearing Association Convention. Orlando. November, 2014.
25. Kroll, T., Damico, J., Nelson, R., **Ball, M. J.** & Müller, N. (2014). Communication Disorders as Systemic Phenomena: A Case of Poor Reading Comprehension. Poster presented at American Speech-Language-Hearing Association Convention. Orlando. November, 2014.

26. Archer, B. & **Ball, M. J.** (2014). Aphasia, code-switching and sociolinguistics in South Africa. Poster presented at the 15th ICPLA Meeting, Stockholm, Sweden. June, 2014.
27. **Ball, M. J.**, Fletcher, P. & Crystal, D. (2014). The Languages of LARSP Project. Poster presented at the 15th ICPLA Meeting, Stockholm, Sweden. June, 2014.
28. **Ball, M. J.**, Lockenvitz, S. & Kuecker, K. (2014). What evidence is there for the distinction between consonantal-/r/ and vocalic-/r/ in American English found in the speech pathology literature? Poster presented at the 15th ICPLA Meeting, Stockholm, Sweden. June, 2014.
29. Müller, N., **Ball, M. J.**, Kuecker, K. & Lockenvitz, S. (2014). Different Transcription Conventions for syllable-final /r/ in American English: Acoustic Evidence. Poster presented at the 15th ICPLA Meeting, Stockholm, Sweden. June, 2014.
30. Müller, N. and **Ball, M. J.** (2013) Disseminating research findings. Invited presentation to the UBC Cross-linguistics child phonology project Summer Meeting, August 2013. Vancouver.
31. **Ball, M. J.**, Code, C. and Tree, J. (2013) Are speech rate and phonoarticulatory fatigue defining features of endstage progressive degeneration of speech from Pick's Disease? LACUS 40th Conference, July 2013. Brooklyn College, New York.
32. **Ball, M. J.** (2012) Grammatical Analysis Workshop. Professional workshop, National University of Ireland, Galway, November 2012
33. **Ball, M. J.** and Müller, N. (2012) Phonetic aspects of a case of 'bilingual' jargon aphasia. Graduate Colloquium, University of Sheffield. November, 2012.
34. **Ball, M. J.** (2012) Grammatical Analysis Workshop. Professional workshop, University of Saskatchewan, October 2012.
35. **Ball, M. J.** (2012) Clinical Phonetics and Phonology: A Survey. Undergraduate Colloquium, University of Saskatchewan, October 2012.
36. **Ball, M. J.** (2012) Toward Evidence based Practice in Therapy for Rhotacism in English. Speech Language Pathology Colloquium, University of British Columbia. September 2012.
37. **Ball, M. J.** (2012) Expanding PACS. 14th ICPLA Conference, Cork, Ireland, June 2012.
38. **Ball, M. J.**, Damico, J. S., Lynch, K., Müller, N. and Rutter, B. (2012) Description and explication in clinical linguistics: Different methods to insight. Panel Discussion. 14th ICPLA Conference, Cork, Ireland, June 2012.
39. **Ball, M. J.** and Granese, A. (2012) Towards an evidence-base for rhotic therapy in English. 14th ICPLA Conference, Cork, Ireland, June 2012.

40. Code, C., **Ball, M. J.**, Tree, J. and Dawe, K. (2012) Endstage progressive degeneration of speech from Pick's Disease: are speech rate and phonoarticulatory fatigue defining features? 14th ICPLA Conference, Cork, Ireland, June 2012.
41. Damico, J., **Ball, M. J.**, Roussel, N., Kim, J. A., and Maxwell, J. (2012) Building capacity in clinical linguistics: Enhancing a research center as a dissemination device. 14th ICPLA Conference, Cork, Ireland, June 2012.
42. Müller, N., **Ball, M. J.**, Powell, T. and Papakyritsis, I. (2012) Dusting off Gestural Phonology for the 21st century: The quest for a user-friendly gesture-based framework for the study of disordered speech. 14th ICPLA Conference, Cork, Ireland, June 2012.
43. Keegan, L., Müller, N. and **Ball, M. J.** (2012) The linguistic construction of identity across contexts in an individual with traumatic brain injury. 14th ICPLA Conference, Cork, Ireland, June 2012.
44. **Ball, M. J.**, Granese, A., Keegan, L. and Klopfenstein, M. (2011) Central approximants in disordered speech. American Speech-Language-Hearing Association Convention. San Diego. November, 2011.
45. **Ball, M. J.**, Rutter, B. and Klopfenstein, M. (2011) Apical /r/ or molar /r/? American Speech-Language-Hearing Association Convention. San Diego. November, 2011.
46. Müller, N., **Ball, M. J.**, Keegan, L., Mok, Z., Papakyritsis, I., Granese, A. and Torres, N. (2011) Aphasic nonword jargon: A view from phonetics and gestural phonology. American Speech-Language-Hearing Association Convention. San Diego. November, 2011.
47. Code, C., Tree, J. and **Ball, M. J.** (2011) What Influences Articulatory Errors in Naming in Progressive Motor Speech Degeneration and Why? British Aphasiology Society Conference. University of Reading, September 2011.
48. Code, C., **Ball, M. J.** and Tree, J. (2011) The Influence of Psycholinguistic Variables on Articulatory Errors in Naming in Progressive Motor Speech Degeneration. Clinical Aphasiology Conference, Fort Lauderdale, Fl., May-June 2011.
49. Keegan, L., **Ball, M. J.** and Müller, N. (2011) Investigation of the linguistic construction of Identity in Individuals with Traumatic Brain Injury. Clinical Aphasiology Conference, Fort Lauderdale, Fl., May-June 2011.
50. **Ball, M. J.** and Rutter, B. (2011) Phonological variation in disordered speech. International Child Phonology Conference, York, UK, June 2011.
51. **Ball, M. J.**, Granese, A. and Keegan, L. (2011) Central approximants in disordered speech in children. International Child Phonology Conference, York, UK, June 2011.

52. Kroll, T. A., Müller, N., and **Ball, M. J.** (2011) Articulation, contrastivity, and informativity: How a child's intelligibility varies with interactional context. International Child Phonology Conference, York, UK, June 2011.
53. Papakyritsis, I. and **Ball, M. J.** (2011) The use of intonation in Greek children with autism spectrum disorders: The case of polar questions. International Child Phonology Conference, York, UK, June 2011.
54. **Ball, M. J.**, Müller, N. and Keegan, L. (2010) VOT in Cajun French and Cajun English. American Speech-Language-Hearing Association Convention. Philadelphia. November, 2010.
55. **Ball, M. J.** (2010) The IPA and ExtIPA: Resources for the transcription of cleft speech. 13th ICPLA Conference, Oslo. June 2010.
56. **Ball, M. J.**, Müller, N. and Keegan, L. (2010) VOT in Cajun French and Cajun English. 13th ICPLA Conference, Oslo. June 2010.
57. **Ball, M. J.**, Müller, N. and Rutter, B. (2010) Applying Systemic Phonology to a case of Progressive Speech Degeneration. 13th ICPLA Conference, Oslo. June 2010.
58. Kroll, T., Müller, N. and **Ball, M. J.** (2010) The impact of contextual, conversational, and affective factors on a child's speech intelligibility. 13th ICPLA Conference, Oslo. June 2010.
59. Müller, N., Mok, Z. and **Ball, M. J.** (2009) Non-Word Jargon produced by a Cajun French-English bilingual with aphasia. ASHA Convention, New Orleans. November.
60. Klopfenstein, M., **Ball, M. J.**, and Rutter, B. (2009) The sonority hypothesis: more evidence from onset and coda clusters in disordered speech. Second International Conference on Clinical Linguistics, Madrid. November.
61. **Ball, M. J.**, Müller, N. Klopfenstein, M. and Rutter, B. (2009) The importance of narrow phonetic transcription in highly unintelligible clients. Second International Conference on Clinical Linguistics, Madrid. November.
62. Müller, N., Mok, Z. and **Ball, M. J.** (2009) Non-word Jargon produced by a Louisiana French-English bilingual with Aphasia. International Conference Science of Aphasia X, Antalya, Turkey, September-October 2009.
63. **Ball, M. J.** (2009) Communication Disorders and Clinical Linguistics: A Mutually Beneficial Interaction. Invited presentation: DİLKOM, Anadolu University, Eskişehir, Turkey. Tenth Anniversary Celebration of Speech Pathology course, October 2009.
64. **Ball, M. J.**, Müller, N. and Code, C. (2009) Systemic Phonology applied to a case of Progressive Speech Degeneration. European Systemic Functional Linguistics Conference and Workshop 2009, Cardiff University, July 8 - 10th 2009.

65. Müller, N., **Ball, M. J.**, and Code, C. (2009) An SFL approach to progressive written language impairment. European Systemic Functional Linguistics Conference and Workshop 2009, Cardiff University, July 8 - 10th 2009.
66. Rutter, B. and **Ball, M. J.** (2009) Phonological theory in clinical linguistics. 17th Manchester Phonology Meeting, University of Manchester, May 28 – 30th 2009.
67. **Ball, M. J.** (2008) On the nature of phonology, and on the nature of Clinical Phonology. Plenary presentation, 12th ICPLA Conference, Istanbul. June 2008.
68. **Ball, M. J.**, Müller, N. and Rutter, B. (2008) An idiosyncratic case of /r/ Disorder: Applying systemic functional phonology. 12th ICPLA Conference, Istanbul. June 2008.
69. **Ball, M. J.**, Müller, N., Klopfenstein, M. and Rutter, B. (2008) Adventures in Clinical Phonetic Transcription. 12th ICPLA Conference, Istanbul. June 2008.
70. **Ball, M. J.** and Code, C. (2008) Two Phonological Analyses of a case of Progressive Speech Degeneration. 12th ICPLA Conference, Istanbul. June 2008.
71. Müller, N., **Ball, M. J.**, and Rutter, B. (2008) A case of Cajun French-English jargonaphasia. 12th ICPLA Conference, Istanbul. June 2008.
72. **Ball, M. J.** (2008) Transcribing Disordered Speech: By target or by realization? British Association of Academic Phoneticians Symposium. Sheffield, April 2008.
73. **Ball, M. J.** and Code, C. (2007) Phonological analysis of a case of progressive speech degeneration. American Speech-Language-Hearing Association Convention. Boston.
74. Müller, N., **Ball, M. J.** and Rutter, B. (2007) Profiling Approach. Presented as part of the Short course ‘Comparison of ten interventions for a seven-year old with unintelligible speech’, organized by S. McLeod. American Speech-Language-Hearing Association Convention. Boston.
75. **Ball, M. J.**, Müller, N. and Rutter, B. (2007) Systemic Functional Phonology applied to an idiosyncratic case of /r/ disorder. 34th International Systemic Functional Congress, Odense, Denmark.
76. Müller, N. and **Ball, M. J.** (2007) Systemic Functional Encounters with Dementia: A Focus on Skills. 34th International Systemic Functional Congress, Odense, Denmark.
77. **Ball, M. J.**, Müller, N. and Rutter, B. (2006) The use of nonpulmonic egressive consonants in disordered speech. American Speech-Language-Hearing Association Convention. Miami.
78. Rutter, B. and **Ball, M. J.** (2006) The phonetics of /str-/ in contemporary English. 11th ICPLA Symposium, Dubrovnik, Croatia.
79. **Ball, M. J.** (2006) Non-pulmonic consonants in the clinic: a brief review. 11th ICPLA Symposium, Dubrovnik, Croatia.

80. **Ball, M. J.** (2006) Should clinical transcription note what's there or what's not there? 11th ICPLA Symposium, Dubrovnik, Croatia.
81. **Ball, M. J.**, Müller, N. and Rutter, B. (2005) My client uses non-English sounds; How do I transcribe them? American Speech-Language-Hearing Association Convention. San Diego.
82. **Ball, M. J.** and Rutter, B. (2005) Is /str-/ a cluster in contemporary English? American Speech-Language-Hearing Association Convention. San Diego.
83. **Ball, M. J.** and Howard, S. (2004) Why Stridency Deletion is not really a phonological process. American Speech-Language-Hearing Association Convention. Philadelphia.
84. Roussel, N., Tetnowski, J., **Ball, M. J.**, and Damico, J. S. (2004) Substituting a Capstone course for Master's comprehensives: A pedagogical innovation. American Speech-Language-Hearing Association Convention. Philadelphia.
85. **Ball, M. J.** and Code, C. (2004) Some unusual speech patterns in a case of progressive speech degeneration. Louisiana Speech Hearing Association Annual Convention, Lafayette.
86. Code, C., Tree, J., Dawe, K, Kay, J. and **Ball, M. J.** (2004) Est-ce que apraxie de parole est une? CAC Conference, Salt Lake City.
87. **Ball, M. J.** (2004) Difficult articulation cases: the role of instrumentation. Inaugural Research Seminar, Department of Communication Disorders, James Madison University, Virginia. Invited Speaker.
88. **Ball, M. J.** and Howard, S. (2004) Is Stridency Deletion really a phonological process? 10th ICPLA Symposium, Lafayette, Louisiana.
89. **Ball, M. J.** and McInnis, L. (2004) Distributional and Stylistic Variation in /r/-Misarticulations: A case Study. 10th ICPLA Symposium, Lafayette, Louisiana.
90. Code, C. and **Ball, M. J.** (2004) Some unusual speech patterns in a case of progressive degenerative cortical anarthria. 10th ICPLA Symposium, Lafayette, Louisiana.
91. **Ball, M. J.** (2003) A Cognitive Phonological Account of a Child With Unintelligible Speech. American Speech-Language-Hearing Association Convention. Chicago.
92. **Ball, M. J.** (2003) What are standards of pronunciation for consonants in contemporary English? American Speech-Language-Hearing Association Convention. Chicago.
93. **Ball, M. J.**, Code, C. and Chung, K. (2003) Lexical and nonlexical speech automatisms in Cantonese aphasic speakers. American Speech-Language-Hearing Association Convention. Chicago.

94. **Ball, M. J.** and Dixon-Millar, J. (2003) Adapting Cued Speech for Welsh. American Speech-Language-Hearing Association Convention. Chicago.
95. Hawley, H., **Ball, M. J.** and Müller, N. (2003) Investigating power relations in treatment. American Speech-Language-Hearing Association Convention. Chicago.
96. **Ball, M. J.**, Müller, N. and Munro, S. (2003) The Acquisition of Welsh and English Phonology in Bilingual Children. 4th International Symposium on Bilingualism, Arizona State University, Tempe.
97. **Ball, M. J.** and Code, C. (2003) Phonological aspects of speech automatism in English, German and Cantonese. 4th International Symposium on Bilingualism, Arizona State University, Tempe.
98. Code, C., Tree, J., Dawe, K., Kay, J., **Ball, M. J.** and Edwards, M. (2002) A case of progressive speech deterioration with apraxia. Joint British Aphasia Society-British Neurological Society Autumn Meeting October 2002, University of York.
99. **Ball, M. J.** (2002) Double Onset Syllables: a case study. Presented to the Department of Human Communication Sciences, University of Sheffield, England.
100. **Ball, M. J.** & Müller, N. (2002) Sonority as explanation in clinical phonology. 9th ICPLA Symposium, Hong Kong.
101. **Ball, M. J.** (2002) A cognitive clinical phonology? 9th ICPLA Symposium, Hong Kong.
102. Nelson, R. & **Ball, M. J.** (2002) What kind of phonology is taught to Speech-Language Pathologists? 9th ICPLA Symposium, Hong Kong.
103. Powell, T., Müller, N. & **Ball, M. J.**, (2002) Electronic publishing: Opportunities and challenges for clinical linguistics and phonetics 9th ICPLA Symposium, Hong Kong.
104. **Ball, M. J.** (2001) Five hints in the teaching of phonetic transcription. Meeting of the American Association of Phonetic Sciences. New Orleans.
105. **Ball, M. J.** (2001) On the status of diacritics in transcription reliability. American Speech-Language-Hearing Association Convention. New Orleans.
106. **Ball, M. J.** and Müller, N. (2001) The use of 'phonetics' and 'phonology' as clinical terms. American Speech-Language-Hearing Association Convention. New Orleans.
107. Manuel, R., Müller, N., McDaniel, C. and **Ball, M. J.** (2001) Deapicalization and velopharyngeal inefficiency: learned behaviors? American Speech-Language-Hearing Association Convention. New Orleans.
108. **Ball, M. J.**, Code, C. and Chung, K. (2001) Cantonese lexical aphasic speech automatism. XXV IALP World Congress, Montreal.
109. **Ball, M. J.**, Code, C. and Chung, K. (2001) Lexical speech automatism in Cantonese. British Aphasia Society Conference, Exeter.

110. **Ball, M. J.**, Müller, N., Guendouzi, J. and Powell, T. W. (2000) Should accent reduction programmes be undertaken by speech-language pathologists? VIIIth International Clinical Phonetics and Linguistics Association Symposium, Edinburgh.
111. Blaney, B. and **Ball, M. J.** (2000) Acoustic analysis of dysarthric speech in Friedreich's ataxia: a longitudinal study. VIIIth International Clinical Phonetics and Linguistics Association Symposium, Edinburgh.
112. **Ball, M. J.** (2000) Rules, Processes, Constraints or Elements? Analysis units for disordered speech. American Speech-Language-Hearing Association Convention. Washington DC.
113. Müller, N., Damico, J., Tetnowski, J., Guendouzi, J. and **Ball, M. J.** (2000) Multi-level transcriptions: toolkits for holistic assessment. American Speech-Language-Hearing Association Convention. Washington DC.
114. **Ball, M. J.** (1999) Teaching Vowels in Practical Phonetics: The Auditory or Articulatory Route? 1st Phonetics Teaching and Learning Conference, University College London.
115. **Ball, M. J.** and Müller, N. (1999) Are there patterns in the acquisition of the Welsh lateral fricative? VIIth International Clinical Phonetics and Linguistics Association Symposium, Montreal.
116. Müller, N., Laine, C. and **Ball, M. J.** (1999) Immediate effects of large group lecturing on voice quality. VIIth International Clinical Phonetics and Linguistics Association Symposium, Montreal.
117. **Ball, M. J.** and Müller, N. (1999) The Acquisition of the Welsh Lateral Fricative and the Rhotic Consonants in Welsh-English Bilingual Children. Child Phonology Conference, Bangor.
118. **Ball, M. J.** and Müller, N. (1999) The acquisition of the Welsh lateral fricative. 14th International Congress of Phonetic Sciences, San Francisco.
119. **Ball, M. J.**, Louko, L., Powell, T. W. and Small, L. (1999) Clinical phonetics and transcription training. Educators' Forum, American Speech-Language-Hearing Association Convention, San Francisco.
120. **Ball, M. J.** (1998) The phonetic description of two extralinguistic sounds. BAAP Colloquium, Belfast.
121. **Ball, M. J.** and Müller, N. (1998) Language planning meets acoustic phonetics. BAAP Colloquium, Belfast.
122. Müller, N. and **Ball, M. J.** (1998) The acquisition of Welsh phonology by adult learners. BAAP Colloquium, Belfast.
123. Müller, N. and **Ball, M. J.** (1998) The acoustic characteristics of intervocalic stops in a variety of Palatinate German. BAAP Colloquium, Belfast.

124. **Ball, M. J.**, Munro, S., Müller, N. and Duckworth, M. (1998) Establishing phonological norms in bilingual language acquisition. First Asia-Pacific Conference on Speech, Language and Hearing, University of Hong Kong.
125. Müller, N., Munro, S., **Ball, M. J.** and Duckworth, M. (1998) Establishing developmental norms for phonology in Welsh-English bilingual children. American Speech-Language-Hearing Association Convention. San Antonio.
126. **Ball, M. J.** (1998) Clinical data as evidence in theoretical phonology: the case of minimal units in vowel description. American Speech-Language-Hearing Association Convention. San Antonio.
127. **Ball, M. J.** (1997) Evidence for the nature of minimal phonological units. Department of Linguistics, University of Wales, Bangor.
128. **Ball, M. J.** (1997) Developments in Phonetic Description: implications for models of normal and disordered speech. Cardiff Language Seminar, University of Wales Cardiff.
129. **Ball, M. J.** (1997) A Government Phonology account of disordered vowel systems. 5th Manchester Phonology Conference.
130. **Ball, M. J.** and Rahilly, J. (1997) EPG analysis of place of articulation in obstruents in varying vocalic contexts. EPG and ELG Conference, Queen Margaret College Edinburgh.
131. **Ball, M. J.** (1997) Data reduction in EPG investigations. VIth International Clinical Phonetics and Linguistics Association Symposium, Nijmegen.
132. Müller, N., Munro, S. and **Ball, M. J.** (1997) Phonological difficulties and reading skills in Welsh-speaking children. VIth International Clinical Phonetics and Linguistics Association Symposium, Nijmegen.
133. **Ball, M. J.** (1997) Introducing extIPA: The Extended International Phonetic Alphabet for the Transcription of Disordered Speech. Department of Speech Pathology and Audiology, University of Alberta.
134. **Ball, M. J.** (1997) Clinical Linguistics and Phonetics: a research overview. Department of Speech Pathology and Audiology, University of Alberta.
135. Müller, N. and **Ball, M. J.** (1996) The realisation of schwa plus underlying /r/ and /n/ in two varieties of German. BAAP Colloquium, York.
136. Rahilly, J. and **Ball, M. J.** (1996) An EPG investigation of the effect of prenasal [ɹ] on place of articulation in a rhotic accent of English. BAAP Colloquium, York.
137. **Ball, M. J.**, Henry, A. and Andrews, A. (1996) Investigating Linguistic Accuracy in Second-Language Irish-Medium Schooling in Belfast. Sociolinguistics Symposium 11. Cardiff.
138. Rahilly, J. and **Ball, M. J.** (1996) An analysis of Northern Irish English /ʈ/. Reading Experimental Phonetics Symposium. University of Reading.

139. **Ball, M. J.** (1996) Evidence from vowel disorders for the nature of minimal phonological units in acquisition. Vth International Clinical Phonetics and Linguistics Association Symposium, Munich.
140. **Ball, M. J.**, Hardcastle, W., Gracco, V. and Stone, M. (1996) A Comparison of Imaging Techniques for the investigation of normal and disordered speech production. Vth International Clinical Phonetics and Linguistics Association Symposium, Munich.
141. Müller, N., Hurd, A. and **Ball, M. J.** (1996) Establishing phonological awareness with severe reading/writing delay. Vth International Clinical Phonetics and Linguistics Association Symposium, Munich.
142. **Ball, M. J.** (1996) ExtIPA and VoQS: Symbols for Disordered Speech and Voice Quality. American Speech-Language-Hearing Association Convention. Seattle.
143. **Ball, M. J.** and Rahilly, J. (1996) Phonetic Description of a Severely Disfluent Speaker: methods and implications. American Speech-Language-Hearing Association Convention. Seattle.
144. **Ball, M. J.** (1995) Describing Voice Quality: transcription and instrumentation on the voice syllabus. ICPLA British and Irish Group Regional Meeting, Queen Margaret College, Edinburgh.
145. Hazlett, D. and **Ball, M. J.** (1995) An acoustic analysis of the effects of aging on a trained singer's voice. 1st World Voice Congress, Oporto, Portugal.
146. **Ball, M. J.** (1995) Problems of Pragmatic Profiling. Invited speaker, Conference on Pragmatics and Clinical Applications, University of Central England.
147. **Ball, M. J.** (1995) Phonetic evidence for phonological units in language acquisition. Invited speaker, International Conference on Phonological Acquisition, University of British Columbia.
148. Code, C. and **Ball, M. J.** (1995) Are syllables hardwired? Evidence from aphasia. International Neuropsychological Society Conference, Cairns, Australia.
149. Code, C. and **Ball, M. J.** (1995) The status of sonority theory: evidence from syllabification in aphasic recurring utterances. XIII International Congress of Phonetic Sciences, Stockholm.
150. Traill, A., **Ball, M. J.** and Müller, N. (1995) Perceptual confusion between South African and British English Vowels. XIII International Congress of Phonetic Sciences, Stockholm.
151. **Ball, M. J.** (1995) The CSL tutorial for use with extIPA symbols. 3rd NetPhon Workshop, Newcastle-upon-Tyne.
152. **Ball, M. J.** (1995) Describing Atypical Speech: methods and implications. Seminar, Department of Communication Disorders, La Trobe University Melbourne.
153. **Ball, M. J.** (1995) The nature of the minimal phonological unit in language acquisition. Departement des sciences du langage. Seminar, Université de Toulouse-Le Mirail.

154. **Ball, M. J.**, Esling, J. and Dickson, C. (1994) VoQS: A system for the transcription of voice quality. BAAP Colloquium, Manchester.
155. **Ball, M. J.** (1994) Dependency Phonology as an aid to the analysis of disordered speech. 2nd Manchester Conference on Phonology.
156. **Ball, M. J.** and Rahilly, J. (1994) Spectrographic analysis of /ʈ/ in Northern Irish English. Language in Ireland Conference, University of Ulster at Jordanstown.
157. **Ball, M. J.** (1994) Using Dependency Phonology in the analysis of disordered speech. Seminar, School of Communication Disorders, University of Sydney.
158. **Ball, M. J.** (1994) Advances in the transcription of atypical speech. Seminar, School of Communication Disorders, University of Sydney.
159. **Ball, M. J.** (1994) Advances in the transcription of atypical speech. Seminar, Communication Disorders Programme, Newcastle University, Queensland.
160. **Ball, M. J.** (1994) Advances in the transcription of atypical speech. Seminar, Departments of Linguistics and Speech and Hearing Sciences, University of Queensland.
161. **Ball, M. J.** (1994) Using Dependency Phonology in the analysis of disordered speech. Seminar, Department of Speech and Hearing Sciences, Curtin University of Technology, Perth, Western Australia.
162. **Ball, M. J.** and Hazlett, D. (1994) An acoustic analysis of the effect of ageing on a trained and untrained singer's voice. EU Workshop on Language and the Ageing Brain, Vrije Universiteit, Brussels.
163. **Ball, M. J.** (1994) A Dependency Phonology approach to the analysis of disordered speech. IVth International Clinical Phonetics and Linguistics Association Symposium, New Orleans.
164. **Ball, M. J.** and Hazlett, D. (1994) An acoustic analysis of the effect of aging on a trained singer's voice. IVth International Clinical Phonetics and Linguistics Association Symposium, New Orleans.
165. Esling, J., **Ball, M. J.** and Dickson, C. (1994) The VoQS System for the transcription of voice quality. IVth International Clinical Phonetics and Linguistics Association Symposium, New Orleans.
166. **Ball, M. J.** (1993) The Welsh mutation system and the effects of diglossia. Seminar, Department of Linguistics, University of the Witwatersrand.
167. **Ball, M. J.** (1993) The Extensions to the IPA for the transcription of disordered speech and voice quality. Seminar, Department of Speech Pathology and Audiology, University of the Witwatersrand.

168. **Ball, M. J.** (1993) The application of the PACS profile to disordered phonology. Seminar, Department of Speech Pathology and Audiology, University of the Witwatersrand.
169. **Ball, M. J.** and Bernhardt, B. (1993) Extending the extensions: non-normal articulations not included in extIPA. IIIrd International Clinical Phonetics and Linguistics Association Symposium, Helsinki.
170. **Ball, M. J.** and Rahilly, J. (1993) Computerized tutorial for phonetic transcription: integrating the extIPA symbols. Poster presented at IIIrd International Clinical Phonetics and Linguistics Association Symposium, Helsinki.
171. **Ball, M. J.** and Rahilly, J. (1993) Acoustic analysis as an aid to the transcription of disfluent speech. Speech Group Meeting (Institute of Acoustics), University of Newcastle-upon-Tyne.
172. **Ball, M. J.** and Rahilly, J. (1993) Transcribing disfluent speech: a case study. ICPLA North-West Pacific Regional Group Meeting, University of British Columbia.
173. **Ball, M. J.** (1992) Non-segmental Aspects of Disordered Speech: Developments in Transcription. BAAP Colloquium, Cambridge.
174. **Ball, M. J.** (1992) Dependency Phonology: Applications to Clinical Data. IInd International Clinical Phonetics and Linguistics Association Symposium, London.
175. **Ball, M. J.** (1992) Describing Disordered Phonetics and Phonology. Seminar, Department of Speech Pathology and Audiology, Louisiana State University Medical Center, New Orleans.
176. **Ball, M. J.** (1992) Profiling Disordered Syntax. Seminar, Department of Speech Pathology and Audiology, Louisiana State University Medical Center, New Orleans.
177. **Ball, M. J.** (1992) The Extensions to the IPA for Disordered Speech: A Guide. American Speech-Language-Hearing Association Convention, San Antonio, Texas.
178. **Ball, M. J.** (1992) PACS and PROPH: A Comparison of two Phonological Profiles. American Speech-Language-Hearing Association Convention, San Antonio, Texas.
179. **Ball, M. J.** (1992) The Extensions to the IPA for Disordered Speech. Seminar, Department of Linguistics, University of Victoria, British Columbia.
180. **Ball, M. J.** (1992) PACS and PROPH: A Comparison of two Phonological Profiles. Seminar, Department of Linguistics, University of Victoria, British Columbia.
181. **Ball, M. J.** (1992) The Extensions of the IPA for Disordered Speech. Seminar, Department of Audiology and Speech Science, University of British Columbia, Vancouver.
182. **Ball, M. J.** (1992) The Extensions of the IPA for Disordered Speech. Seminar, Department of Linguistics, University of British Columbia, Vancouver.

183. **Ball, M. J.** (1992) Aspects of Welsh as a Minority Language. Keynote address read at the Conference on Catalan, Institute of Romance Studies, University of London.
184. **Ball, M. J.** (1991) Diglossia and its effect on the Welsh mutation system. 9th International Congress of Celtic Studies, Paris.
185. **Ball, M. J.** (1991) Speech-Language Pathology and Audiology: a European perspective. Colloquium presentation, Department of Speech-Language Pathology and Audiology, Ball State University, Muncie, Indiana.
186. **Ball, M. J.** (1991) Clinical linguistics/phonetics: developments in the transcription of disordered speech. Workshop, Department of Speech-Language Pathology and Audiology, Ball State University, Muncie, Indiana.
187. **Ball, M. J.** and Müller, N. (1991) Language assessment and treatment: the challenges of sociolinguistics, multilingualism and pragmatics. Workshop: Department of Speech-Language Pathology and Audiology, Ball State University, Muncie, Indiana.
188. **Ball, M. J.** (1991) Sociolinguistics and the analysis of disordered speech. Colloquium presentation, Division of Hearing and Speech Sciences, Vanderbilt University, Nashville, Tennessee.
189. **Ball, M. J.** (1991) Connected Speech in Welsh: Stress and Pitch in conflict. European Speech Communication Association Workshop on the Phonetics and Phonology of Speaking Styles, Barcelona.
190. **Ball, M. J.** (1990) The transcription of non-normal articulations: the IPA's approach. Seminar, Department of Communicative Disorders, University of Wisconsin, Madison.
191. **Ball, M. J.** (1990) Initial consonant mutation in modern spoken Welsh: patterns of use. Seminar, Department of Linguistics, University of Chicago; the Department of Linguistics, University of California Los Angeles.
192. **Ball, M. J.** (1990) Pragmatics in the Clinic: a comparison of two pragmatic profiles. Seminar, Speech Science Unit, University of Sheffield.
193. **Ball, M. J.** and Coupland, N. (1990) Welsh and English in contemporary Wales. BAAL Conference, Swansea.
194. **Ball, M. J.** (1988) Voicing in Welsh Fricatives. British Association of Academic Phoneticians Colloquium, Dublin.
195. **Ball, M. J.** (1988) Use and knowledge of mutations in spoken Welsh. Graduate Seminar in Celtic, Jesus College, Oxford.
196. **Ball, M. J.** (1987) Welsh (and English) in Broadcasting in Welsh. Engels Seminarium, University of Amsterdam.
197. **Ball, M. J.** (1987) Investigating Performance and Competence in Variation Studies: Adapting Techniques from Speech Pathology. Sixth Methods in Dialectology Conference, Bangor.

198. **Ball, M. J.** (1987) Developing Clinical Assessment Techniques in the Minority Language Situation. BAAL 20th Anniversary Meeting, Nottingham.
199. Code, C. and **Ball, M. J.** (1986) Apraxia of Speech - Does Linguistics Apply? BAAL Symposium, Leicester Polytechnic.
200. **Ball, M. J.** (1986) LLARSP - a grammatical profile of Welsh. Cardiff Linguistics Circle.
201. **Ball, M. J.** (1986) Language Assessment in Welsh. The Design of a Grammatical Profile. Third International Conference on Minority Languages, Galway.
202. **Ball, M. J.** (1984) Variation in the Lexicon: evidence from the consonant mutations of Welsh. Cardiff Linguistics Circle.
203. **Ball, M. J.** (1982) Dadansoddiad seinlunol o dair deusain yn y Gymraeg. Oxford meeting of the Welsh Dialectology Circle.
204. **Ball, M. J.** (1981) Y Drindod Anfad: astudiaeth ryngdafodieithol o ganfyddiad tair deusain yn y Gymraeg. Cardiff meeting of the Welsh Dialectology Circle.
205. **Ball, M. J.** (1980) Sociolinguistic Data Collection Techniques. Third Sociolinguistic Symposium, Walsall.
206. **Ball, M. J.** (1979) LLARSP? Oxford meeting of the Welsh Dialectology Circle.