

CURRICULUM VITAE

Name

Peter Francis MacNeilage

Degrees

Bachelor of Arts (Psychology), University of Canterbury, New Zealand, 1957.

Master of Arts with First Class Honors (Psychology), University of Canterbury, New Zealand, 1959.

Doctor of Philosophy (Psychology), McGill University, Canada, 1962.

Dissertation

Changes in EEG and Other Physiological Measures During Serial Mental Performance. (Supervisor: Robert B. Malmö)

Present Position

Professor of Psychology, University of Texas at Austin

Main Academic Interests

Comparative neurobiology of complex output systems.

Evolution and acquisition of speech.

Evolution of manual function.

Evolution of cerebral hemispheric specializations.

Academic Honors

National Research Council Scholar (Canada) 1961-62

Fellow, American Association for the Advancement of Science

Fellow, Acoustical Society of America

Fellow, Center for Advanced Study in the Behavioral Sciences

Member, International Neuropsychology Symposium

Research Associate, Centre Nationale de Recherche Scientifique, France, 1991-2.

Member, Faculty of 1000 (Biological journal review group)

Society Memberships

American Psychological Association

American Association for the Advancement of Science

Editorial Appointments

Consulting Editor: Journal of Phonetics, 1974-1989
 Journal of Motor Behavior, 1981-90
 Laterality, 1994 through present

National and International Appointments

Member of the Technical Committee on Speech Communication, Acoustical Society of America, 1964-66, 1980-82

President, American Association of Phonetic Sciences, 1977-79

Member, Advisory Council, International Association for the Study of Attention and Performance, 1976-82

National Advisory Roles

Member, Linguistics Panel, National Science Foundation, 1979-81

Member and Chair, Study Section, National Institute of Neurological and Communication Disorders and Stroke, 1979-86

National Research Grants

National Science Foundation

1968-70 Program of Speech Research I

1970-72 Program of Speech Research II

1973-76 Program of Speech Research III

1969-71 University Science Development Program I
 1971-73 University Science Development Program II
 1973-74 University Science Development Program III
National Institutes of Health
 1971-73 Subvocal Activity During Sleep
 1979-82 Control of Movement in Speech Apraxia
 1982-84 Sound Organization in Aphasic Speech
 1992-95 Motor Control of Serial Organization of Early Speech I
 1996-2000 Motor Control of Serial Organization of Early Speech II
 2002-06 Motor Control of Serial Organization of Early Speech III

PUBLICATIONS

1. MacNeilage, P.F. Electromyographic and acoustic study of the production of certain final clusters. Journal of the Acoustical Society of America, 1963, 35, 461-463.
2. Liberman, A.M., Cooper, F.S., Harris, K.S. and MacNeilage, P.F. A motor theory of speech perception. Proceedings of the Speech Communication Seminar, Royal Institute of Technology, Stockholm, 1963.
3. MacNeilage, P.F. and Sholes, G.N. An electromyographic study of the tongue during vowel production. Journal of Speech and Hearing Research, 1964, 7, 208-232.
4. MacNeilage, P.F. Typing errors as clues to serial ordering mechanisms in language behavior. Language and Speech, 1964, 7, 144-159.
5. Rootes, T.P. and MacNeilage, P.F. Some speech perception and production tests of a patient with impairment in somesthetic perception and motor control. In J.F. Bosma (Ed.) Symposium on Oral Sensation and Perception. 1967, Springfield, Il., Charles C. Thomas, 1967, 310-317.
6. MacNeilage, P.F. Changes in EEG and other physiological measures during serial mental performance. Psychophysiology, 1966, 2, 344-353.
7. MacNeilage, P.F. EEG amplitude changes during different cognitive processes involving similar stimuli and responses. Psychophysiology, 1966, 2, 280-286.
8. Liberman, A.M., Cooper, F.S., Harris, K.S., MacNeilage, P.F. and Studdert-Kennedy, M.G. Some observations on a model for speech perception. In W. Wathen-Dunn (Ed.) Models for the Perception of Speech and Visual Form. Cambridge, MIT Press, 1967, 68-87.
9. MacNeilage, P.F., Rootes, T.P. and Chase, R.A. Speech production and perception in a patient with severe impairment of somesthetic perception and motor control. Journal of Speech and Hearing Research, 1967, 10, 449-467.
10. MacNeilage, P.F. and De Clerk, J.L. On the motor control of coarticulation in CV syllables. Journal of the Acoustical Society of America, 1970, 45, 1217-1233.
11. MacNeilage, P.F. Motor control of serial ordering of speech. Psychological Review, 1970, 77, 182-196.
12. MacNeilage, P.F. Some observations on the metatheory of speech perception. Language and Speech, 1971, 14, 12-17.
13. Sussman, H.M., Hanson, R.J. and MacNeilage, P.F. Studies of single motor units in speech musculature: Methodology and preliminary findings. Journal of the Acoustical Society of America, 1971, 51, 1372-74.
14. MacNeilage, P.F. Speech Physiology. In J. Gilbert (Ed.) Speech and Cortical Functioning. New York, Academic Press, 1972, 1-72.

15. MacNeilage, P.F., MacNeilage, L.A. and Cohen, D.B. Sleep talking propensity and dream recall frequency. Journal of Consulting and Clinical Psychology, 1972, 39, 341.
16. MacNeilage, P.F., and MacNeilage L.A. Central processes controlling speech production during sleep and waking. In F.J. McGuigan and R.A. Schoonover, (Eds.) The Psychophysiology of Thinking. New York, Academic Press, 1973, 417-439.
17. Sussman, H.M., MacNeilage, P.F. and Hanson, R.J. Labial and mandibular movement dynamics during the production of bilabial stop consonants. Journal of Speech and Hearing Research, 1973, 16, 397-420.
18. MacNeilage, P.F. Preliminaries to the study of single motor unit activity in speech musculature. Journal of Phonetics, 1973, 1, 55-71.
19. Sussman, H.M., MacNeilage, P.F. and Lumbley, J. Sensorimotor dominance and the right ear advantage in mandibular auditory tracking. Journal of the Acoustical Society of America, 1974, 56, 214-216.
20. MacNeilage, P.F. Speech as a motor skill. In M.G. Wade and R. Martens (Eds.) Psychology of Motor Behavior and Sport: Proceedings of the North American Society for Sport Psychology and Physical Activity. Urbana, Il., Human Kinetics Publishers, 1974, 21-36.
21. MacNeilage, P.F. Hanson, R.J. and Sussman, H.M. Studies of single motor unit activity in speech musculature. Proceedings of the Speech Communication Seminar, Stockholm, Almqvist and Wiksell, Uppsala, 1974, Vol. 2, 1-8.
22. Sussman, H.M. and MacNeilage, P.F. Some studies of hemispheric specialization for speech production. Proceedings of the Speech Communication Seminar, Stockholm, Almqvist and Wiksell, Uppsala, 1974, Vol. 3, 1-8.
23. Cohen, D.B. and MacNeilage, P.F. A test of the salience hypothesis of dream recall. Journal of Consulting and Clinical Psychology, 1974, 42, 699-703.
24. Sussman, H.M. and MacNeilage, P.F. Hemispheric specialization for speech production and perception in stutterers. Neuropsychologia, 1975, 13, 19-26.
25. Sussman, H.M. and MacNeilage, P.F. Studies of hemispheric specialization for speech production. Brain and Language, 1975, 2, 131-151.
26. MacNeilage, P.F., Sussman, H.M. and Stoltz, W. W. Incidence of laterality effects in mandibular and manual performance of dichoptic visual pursuit tracking. Cortex, 1975, 11, 251-258.
27. Sussman, H.M. and MacNeilage, P.F. Dichotic pursuit auditory tracking following anterior temporal lobectomy. Archives of Otolaryngology, 1975, 101, 389-391.
28. Sussman, H.M. MacNeilage, P.F. and Lumbley, L.J. Pursuit auditory tracking of dichotically presented tonal amplitudes. Journal of Speech and Hearing Research, 1975, 18, 74-81.
29. MacNeilage, P.F., Sussman, H.M. and Powers, R.K. Firing patterns of single motor units in speech musculature. Proceedings of the 8th International Congress of Phonetic Sciences, Leeds, 1975.
30. MacNeilage, P.F. and Ladefoged, P. Production of language and speech. In E.C. Carterette and M.P. Friedman (Eds.) Handbook of Perception, Vol. 7. New York, Academic Press, 1976, 76-120.
31. MacNeilage, P.F. Is the speaker-hearer a special hearer? In H. Pick and E. Saltzman (Eds.) Modes of Perceiving and Processing Information. Lawrence Erlbaum, Hillsdale, N.J. 1978.
32. MacNeilage, P.F., Sussman, H.M. and Powers, R.K. Discharge patterns accompanying sustained activation of motor units in speech musculature. Journal of Phonetics, 1977, 5, 135-147.

33. Sussman, H.M., MacNeilage, P.F. and Powers, R.K. Recruitment and discharge patterns of single units during speech production. Journal of Speech and Hearing Research, 1977, 21, 127-144.
34. MacNeilage, P.F., Sussman, H.M., Westbury, J.R. and Powers, R.K. Mechanical properties of single motor units in speech musculature. Journal of the Acoustical Society of America, 1979, 65, 1047-1052.
35. MacNeilage, P.F. Neural mechanisms in speech production. In H. Hollein and P. Hollein (Eds.) Current Issues in Linguistic Theory, Vol. 4, Amsterdam, John Benjamins B.V., 1979, 621-638.
36. MacNeilage, P.F. Speech production. Invited Status Report. Proceedings of the Ninth International Congress of Phonetic Sciences, 1979, Vol. 1, 11-39.
37. MacNeilage, P.F. The control of speech production. In G. Yeni Komshian, J.F. Kavanagh, and C.A. Ferguson (Eds.) Child Phonology: Vol. 1, Production. New York, Academic Press, 1980, 75-120.
38. MacNeilage, P.F. Distinctive properties of speech motor control. In G. Stelmach and J. Requin (Eds.) Tutorials in Motor Behavior. Amsterdam, North Holland Publishing Co., 1980, 607-621.
39. Dixit, R.P. and MacNeilage, P.F. Cricothyroid activity and control of voicing in Hindi stops and affricates. Phonetica, 1980, 37, 397-406.
40. MacNeilage, P.F. Speech Production. Language and Speech, 1980, 23, 3-23.
41. MacNeilage, P.F. Feedback in speech production: An ecological perspective. In T. Myers, J. Laver and J. Anderson (Eds.) The Cognitive Representation of Speech. Amsterdam, North Holland Co., 1981, 39-44.
42. MacNeilage, P.F., Hutchinson, J. F. and Lasater, S.A. The production of speech: Development and dissolution of motoric and premotoric processes. In J.B. Long and A.D. Baddeley (Eds.) Attention and Performance IX. Hillsdale, N.J., Lawrence Erlbaum, 1981, 503-519.
43. MacNeilage, P.F. Phonetics: A biological perspective. In Linguistics in the Morning Calm, Linguistic Society of Korea, Seoul, Hanshin Publishing Co., 1982, 585-600.
44. MacNeilage, P.F. (Ed.) The Production of Speech. New York, Springer-Verlag, 1983.
45. MacNeilage, P.F., Speech production mechanisms in aphasia. In S. Grillner, B. Lindblom, J. Lubker, & A. Persson (Eds.) Speech Motor Control. London, Pergamon Press, 1982, 43-60.
46. Oller, D.K. and MacNeilage, P.F. Development of speech production: Perspectives from natural and perturbed speech. In P. F. MacNeilage (Ed.) The Production of Speech. New York, Springer-Verlag, 1983, 91-108.
47. Lindblom B., MacNeilage, P.F. and Studdert-Kennedy, M.G. Self-organizing processes and the explanation of phonological universals. In B. Butterworth, B. Comrie and O.Dahl (Eds.) Explanations of Linguistics Universals. The Hague, Mouton 1983, 181-204.
48. MacNeilage, P.F., Studdert-Kennedy, M.G. and Lindblom, B. Functional precursors to language and its lateralization. American Journal of Physiology, 1984, 246 (Regulatory, Integrative and Comparative Physiology, 15) R 912-914.
49. MacNeilage, P.F. Serial ordering errors in speech and typing. In V.A. Fromkin (Ed.) Phonetic Linguistics. New York, Academic Press, 1985, 193-201.
50. MacNeilage, P.F., Studdert-Kennedy, M.G. and Lindblom, B. Planning and Production of Speech: An overview. In J. Lauter (Ed.) Planning and Production of Speech by Normally Hearing and Deaf People. ASHA Reports, 1985, 15-21.
51. MacNeilage, P.F. Bimanual coordination and the beginnings of speech. In B. Lindblom and R. Zetterstrom (Eds.) Precursors to Infant Speech. London, Macmillan, 1986, 189-204.

52. Lindblom, B. and MacNeilage, P.F. Action theory: Problems and alternatives. Theme Issue on Action Theory and Event Perception, Journal of Phonetics, 1986, 14, 117-132.
53. Sussman, H.M., Marquardt, T.P., Hutchinson, J. and MacNeilage, P.F., Compensatory articulation in Broca's Aphasia. Brain and Language, 1986, 27, 56-7.
54. MacNeilage, P.F. The evolution of hemispheric specialization for manual function and language. In S. Wise (Ed.) Higher Brain Functions: Explorations of the Brain's Emergent Properties. New York, Wiley, 1987, 285-310.
55. MacNeilage, P.F. Speech Motor Control. In G. Adelman (Ed.) The Encyclopedia of Neuroscience. Vol. 2 Cambridge, Birkhauser Boston, 1987, 1120-1122.
56. MacNeilage, P.F. Evolution of handedness in primates. In D. Ottoson (Ed.) The Dual Brain: Unified Functioning and Specialization of the Hemispheres. London, Macmillan, 1987, 100-113.
57. MacNeilage, P.F. Studdert-Kennedy, M.G. and Lindblom, B. Primate Handedness Reconsidered. Behavioral and Brain Sciences, 1987, 10, 247-303.
58. MacNeilage, P.F., Studdert-Kennedy, M.G. and Lindblom, B. Primate handedness: A foot in the door. Behavioral and Brain Sciences, 1988, 11, 720-746.
59. Davis, B.L. and MacNeilage, P.F. Acquisition of correct vowel production: A quantitative case study. Journal of Speech and Hearing Research, 1990, 33, 16-27.
60. MacNeilage, P.F. Grasping in modern primates: The evolutionary context. In M. Goodale (Ed.) Vision and Action: the Control of Grasping. New York, Ablex Publishing Co., 1990.
61. MacNeilage, P.F. The gesture as a unit in speech perception theories. In I.G. Mattingly and M.G. Studdert-Kennedy (Eds.) Modularity and the Motor Theory. Hillsdale N.J., Lawrence Erlbaum 1990, 61-67.
62. MacNeilage, P.F. and Davis, B.L. Acquisition of speech production: Frames, then content. In M. Jeannerod (Ed.) Attention and Performance XIII: Motor Representation and Control, Hillsdale N.J., Lawrence Erlbaum, 1990, 453-476.
63. MacNeilage, P.F. and Davis, B.L. Acquisition of speech production: The achievement of segmental independence. In W.J. Hardcastle and A. Marchal (Eds.) Speech Production and Speech Modelling. Dordrecht, Kluwer, 1990, 55-68.
64. MacNeilage, P.F. The "Postural Origins" theory of neurobiological asymmetries in primates. In N. Krasnegor, D. Rumbaugh, M. Studdert-Kennedy and B. Lindblom (Eds.) Biobehavioral Foundations of Language Development, Hillsdale, N.J., Lawrence Erlbaum, 1990, 165-188.
65. MacNeilage, P.F. and Davis, B.L. Vowel-consonant relations in babbling. Proceedings of the XIIth International Congress of Phonetic Sciences, Aix-en Provence, August 1991, Vol. 1, 338-343.
66. MacNeilage, P.F., Studdert-Kennedy, M.G. and Lindblom, B. Primate handedness: The other theory, the other hand, and the other attitude. Behavioral and Brain Sciences, 1991, 14, 338-349.
67. MacNeilage, P.F. Patterns of handedness across the primate order. In A. Ehara, T. Kimura, O. Takenaka and M. Iwamoto (Eds.) Primate Today. New York, Elsevier Science Publishers B.V. (Biomedical Division), 1991, 275-278.
68. MacNeilage, P.F. Evolution and lateralization of the two great primate action systems. In J. Wind, B. Chiarelli, B. Bichakjian, A. Nocentini and A. Jonker (Eds.) Language Origin: A Multidisciplinary Approach. Dordrecht, Kluwer, 1991, 281-300.

69. MacNeilage, P.F. Articulatory phonetics. Encyclopedia of Linguistics, Oxford, Oxford University Press, 1991, 115-118.
70. MacNeilage, P.F., Studdert-Kennedy, M.G. and Lindblom, B. Hand Signals. The Sciences, Jan/Feb 1993.
71. MacNeilage, P.F. and Davis, B.L. Motor explanations of babbling and early speech patterns. In B. de Boysson-Bardies, S. de Schonen, P. Jusczyk, P. MacNeilage, and J. Morton (Eds.) Developmental Neurocognition: Speech and Face Processing in the First Year of Life. NATO ASI Series D. Behavioral and Social Sciences No. 69, Kluwer, Dordrecht, 1993, 341-352.
72. MacNeilage, P.F. Implications of primate functional asymmetries for the evolution of cerebral hemispheric specializations. In J.P. Ward and W.D. Hopkins (Eds.) Primate Laterality: Current Behavioral Evidence of Primate Asymmetries. New York, Springer-Verlag, 1993, 319-341.
73. MacNeilage, P.F. Prolegomena to a theory of the sound pattern of the first language. Phonetica, 1994, 14, 184-194.
74. Davis, B.L. and MacNeilage, P.F. Organization of babbling: A case study. Language and Speech, 1994, 37, 341-355.
75. Davis, B.L. and MacNeilage, P.F. The articulatory basis of babbling. Journal of Speech and Hearing Research, 1995, 38, 1199-1211.
76. Carre, R., Lindblom, B. and MacNeilage, P.F. Acoustic factors in the evolution of the vocal tract. C.R. Academie des Sciences Paris, t320, 1995, Series IIb, 471-476.
77. Day, E. and MacNeilage, P.F. Postural asymmetries and language lateralization in humans (*Homo sapiens*) Journal of Comparative Psychology, 1996, 110, 88-96.
78. MacNeilage, P.F. Acquisition of speech. In W.J. Hardcastle and A. Marchal, (Eds.) Handbook of Phonetic Sciences, Oxford, Blackwell, 1997, 301-332.
79. Matyear, C.L., MacNeilage, P.F. and Davis, B.L. Nasalization of vowels in nasal environments in babbling. Phonetica, 1997, 55, 1-17.
80. Redford, M.L., MacNeilage, P.F. and Davis, B.L. Production constraints on utterance-final consonant characteristics in babbling. Phonetica, 1997, 54, 172-186.
81. Zlatic, L., MacNeilage, P.F., Matyear, C.L., and Davis, B.L. Babbling of twins in a bilingual (English/Serbian) environment. Applied Psycholinguistics, 1997, 18, 453-469.
82. MacNeilage, P.F., Davis, B.L. and Matyear, C.L. Babbling and first words: Phonetic Similarities and Differences. Speech Communication, 1997, 22, 269-277.
83. MacNeilage, P.F. The Frame/Content theory of evolution of speech production. Behavioral and Brain Sciences, 1998, 21, 499-546.
84. MacNeilage, P.F. Towards a unified view of the evolution of cerebral hemispheric specializations in vertebrates. In A. D. Milner (Ed.) Comparative Neuropsychology. Oxford, Oxford University Press, 1998, 167-183.
85. MacNeilage, P.F. Evolution of the mechanism of language output: Comparative neurobiology of vocal and manual communication. In J.R. Hurford, M.G. Studdert-Kennedy and C. Knight (Eds.) Approaches to the evolution of language: Social and cognitive bases. Cambridge, Cambridge University Press, 1998, 222-241.
86. MacNeilage, P.F. The relation between speech perception and speech production in phylogeny and ontogeny. Proceedings of the 33rd meeting of the Chicago Linguistic Circle, 1998.

87. MacNeilage, P.F. Speech, motor control. In G. Adelman and B. Smith (Eds.) Encyclopedia of Neuroscience, 2nd Edition. The Hague, Elsevier, 1999, 409-412.
88. MacNeilage, P.F. Speech development. In G. Adelman and B. Smith (Eds.) Encyclopedia of Neuroscience, 2nd Edition. The Hague, Elsevier, 1999, 412-414.
89. MacNeilage, P.F. Whatever happened to articulate speech? In M.C. Corballis, and S. Lea (Eds.) The descent of mind: Psychological perspectives on hominid evolution. Oxford, Oxford University Press, 1999, 116-137.
90. MacNeilage, P.F., Davis, B.L., Kinney, A. and Matyear, C.L. Origin of speech output complexity in infants and in language. Psychological Science, 1999, 10, 459-60.
91. MacNeilage, P.F. and Davis, B.L. Consonant (Vowel) Consonant sequences in early words. Proceedings of the 14th International Congress of Phonetic Sciences, Vol. 3, San Francisco, CA., 1999, 2489-2492.
92. Davis, B.L., MacNeilage, P.F. and Matyear, C. Intrasyllabic patterns in babbling and early speech. Proceedings of the 14th International Congress of Phonetic Sciences, Vol. 3, San Francisco, CA., 1999, 2481-2484.
93. MacNeilage, P.F. and Davis, B.L. Evolution of speech: The relation between ontogeny and phylogeny. In C. Knight and J.R. Hurford (Eds.) The Evolutionary Emergence of Language, 2000, 146-160.
94. MacNeilage, P.F. and Davis, B.L. Evolution of the form of spoken words. Evolution of Communication, 1999, 3, 3-20.
95. Gildersleeve-Neumann, C., MacNeilage, P.F. and Davis, B.L. Contingencies governing production of fricatives, affricates and liquids in babbling. Applied Psycholinguistics, 2000, 21, 341-363.
96. McCaffrey, H.L., Davis, B.L., MacNeilage, P.F. and von Hapsburg, D. Effects of multichannel cochlear implantation on the organization of early speech. The Volta Review, 2000, 101, 5-29.
97. MacNeilage, P.F., Davis, B.L., Kinney, A. and Matyear, C.L. The motor core of speech: A comparison of serial organization patterns in infants and languages. Child Development, 2000, 71, 153-164.
98. Davis, B.L., MacNeilage, P.F., Matyear, C.L. and Powell, J. Prosodic correlates of stress in babbling: An acoustical study. Child Development, 2000, 71, 153-163.
99. MacNeilage, P.F. The explanation of "mama". Behavioral and Brain Sciences, 2000, 23, 440-441.
100. MacNeilage, P.F. and Davis, B.L. Commentary: The role of rhythmic cyclicities in infant action development. Developmental Science, 2000, 4, 79-83.
101. MacNeilage, P.F. and Davis, B.L. On the origin of internal structure of word forms. Science, 2000, 288, 527-531.
102. MacNeilage, P.F., Davis, B.L., Kinney, A. and Matyear, C.L. The motor core of speech: A comparison of serial organization patterns in infants in languages. Child Development, 2000, 71, 153-163.
103. Davis, B.L. and MacNeilage, P.F. An embodiment perspective on the acquisition of speech perception. Phonetica, 2000, 57, 229-241.
104. MacNeilage, P.F. and Davis, B.L. Deriving speech from non-speech: A view from ontogeny. Phonetica, 2000, 57, 284-296.
105. MacNeilage, P.F. and Davis, B.L. Motor mechanisms in speech ontogeny: Phylogenetic, neurobiological and linguistic implications. Current Opinion in Neurobiology, 2001, 11, 696-700.
106. MacNeilage, P.F. and Davis, B.L. Implications of the syllabic frame for early speech of hearing and hearing-impaired infants. In The Role of Audition in Spoken Language. Washington, D.C., A.G. Bell, 2002, 8-10.

107. Davis, B.L., MacNeilage, P.F. and Matyear, C. Acquisition of serial complexity in speech production: A comparison of phonetic and phonological approaches to first word production. Phonetica, 2002, 59, 75-107.
108. MacNeilage, P.F. and Davis, B.L. On the origins of intersyllabic complexity. In T. Givon and B. Malle (Eds.) The Evolution of Language from Prelanguage. Amsterdam, John Benjamins, 2002, 155-170.
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110. MacNeilage, P.F. Mouth to hand and back again: Could language have made those journeys? Behavioral and Brain Sciences, 2003, 26, 233-234.
111. MacNeilage, P.F. and Davis, B.L. Message *and* medium: Lowly *and* action-related origins. Behavioral and Brain Sciences, 2003, 26, 296-297.
112. MacNeilage, P.F., and Davis, B.L. Baby talk and the emergence of first words. Behavioral and Brain Sciences, 2004, 27, 517-518.
113. MacNeilage, P.F., and Davis, B.L. Evolution of language. In D.Buss (Ed.) Handbook of Evolutionary Psychology. New York: Wiley 2005, 698-723.
114. MacNeilage, P.F., and Davis, B.L. The Frame/Content theory of evolution of speech: A comparison with a gestural origins alternative. Journal of Interaction Studies, 2005, 6, 173-199.
115. MacNeilage, P.F. and Davis, B. L. A cognitive-motor frame for speech production: Evidence from neuropathology. In W.J Hardcastle and J. MacKenzie Beck (Eds.) A Figure of Speech: A Festschrift for John Laver. Mahwah N.J: Lawrence Erlbaum, 2005, 130-144.
116. MacNeilage, P.F. and Davis, B.L. Functional organization of speech across the life span: A critique of generative phonology. The Linguistic Review, 2005, 22, 61-81.
117. MacNeilage, P.F. Evolutionary sleight of hand: Then they saw it; now we don't. Behavioral and Brain Sciences, 2005, 28, 137-138.
118. MacNeilage, P.F. Evolution of whole body asymmetry related to handedness. Cortex, 2006, 42, 95-96.
119. MacNeilage, P.F. The present status of the Postural Origins theory. In W.D. Hopkins (Ed.) The Evolution of Hemispheric Specialization in Primates. Norman, OK: American Association of Primatologists, 2008, 59-92.
120. MacNeilage, P. F. The Frame/Content theory. In B.L. Davis and K. Zajdo (Eds.) The Syllable in Speech Production. New York: Taylor and Francis Group, 2008, 1-28.
121. MacNeilage, P.F. The Origin of Speech. Oxford: Oxford University Press, 2008.
122. Dolata, J., Davis, B.L. & MacNeilage, P.F. Characteristics of the rhythmic organization of babbling: Implications for an amodal linguistic rhythm. Infant Behavior and Development, 31, 2008, 422-431.
123. MacNeilage, P.F. (2008) The dog's tail as telltale. Mind Matters (Scientific American blog) Oct 7, 2007.
124. MacNeilage, P.F. (In press) Lashley's serial order problem and the evolution of learnable vocal communication. In J.R. Hurford and K Gibson (Eds) (Title to be announced) Oxford: Oxford University Press.

125. MacNeilage, P.F., Rogers, L.J. & Vallortigara, G. (In press) Origins of the asymmetrical brain. New York: Scientific American.

126. MacNeilage, P.F. (In press) The Evolution of Phonology. In M. Tallerman and K. Gibson (Eds) The Encyclopedia of Language Evolution. Cambridge: Cambridge University Press.

127. MacNeilage, P.F. (In press) Speech Production. In B. Goldstein (Ed.) The Encyclopedia of Perception. Thousand Oaks, CA: Sage Publications.