

A Basic Bibliography for Sonic Studies

**School of Communication
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Burnaby, B.C., Canada**

CLASSIFICATION

- Acoustics and Psychoacoustics
- Listening and Sound Cognition
- Soundscape Studies
- Noise and Community Design
- Language and Soundmaking
- Media Studies

Acoustics and Psychoacoustics

American Society for Testing and Materials. (1978).

Acoustical Environment in the Open-Plan Office. Soundolier Inc., 3-10.

Backus, J. (1969). The acoustical foundations of music. New York: Norton.

Benade, A. H. (1976). Fundamentals of musical acoustics. London: Oxford Univ. Press.

Bever, T. G., & Chiarello, R. J. (1974). Cerebral dominance in musicians and nonmusicians. *Science*, 185, 537-539.

Bodlund, K. (1985). Alternative Reference Curves for Evaluation of the Impact Sound Insulation Between Dwellings. *Journal of Sound and Vibration.*, 102 (3), 381-402.

Bryan, Micheal, & Tempest, William. (1972). Does infrasound make drivers 'drunk'?. *New Scientist*, Mar, 584-586.

Case, J. (1966). Sensory mechanisms. New York: Academic Press.

Chou, C. K., & Guy, A. (1982). Auditory perception of radio- frequency electromagnetic fields. *Journal of the Acoustical Society of America*, 71 (6), 1321-1334.

- Christovich, L. (1984). Central auditory processing of peripheral vowel spectra. *J. of the Acoustical Society of America*, 77 (3), 789-805.
- Clynes, M. (1978). *Sentics*. New York: Doubleday.
- Clynes, M., ed. (1982). *Music, mind, and brain: The neuropsychology of music*. New York: Plenum.
- Craik, R., & Naylor, G. (1985). Measurement of reverberation time via probability functions. *Journal of Sound and Vibration*, 102 (3), 453-454.
- Crowder, R., & Morton, J. (1969). Precategorical acoustic storage. *Perception and Psychophysics*, 5 (6), 365-373.
- Deutsch, D., ed. (1982). *The psychology of music*. New York: Academic.
- Dixon, N. F. (1971). *Subliminal perception*. London: McGraw- Hill.
- Dransfeld, Klaus. (1963). Kilomegacycle Ultrasonics. *Scientific American*, Jun, 60-68.
- Ford, R.D. (1970). *Introduction to acoustics*. Amsterdam: Elsevier.
- Fricke, F. (1984). Sound Attenuation in Forests. *J. of Sound and Vibration*, 92 (1), 149-158.
- Gazzaniga, M. S. (1972). One brain -- two minds? *American Scientist*, 60 (3), 311-317.
- Gelfand, S. (1981). *Hearing, an introduction to psychological and physiological acoustics*. New York: M. Dekker.
- Halpern, D., Blake, R., & Hillenbrand, B. (1986). Psychoacoustics of a chilling sound. *Perception and Psychophysics*, 39 (2), 77-80.
- Jerger, J. (1963). *Modern developments in audiology*. New York: Academic Press.
- Kimura, D. (1964). Left-right differences in the perception of melodies. *Quarterly Journal of Experimental Psychology*, 16, 355-358.
- Kimura, D. (1973). The asymmetry of the human brain. *Scientific American*, 228 (3), 70-78.
- Lewers, T.H., & Anderson, J.S. (1984). Some Acoustical Properties of St Paul's Cathedral, London. *J of Sound and Vib.*, 92 (2), 285-297.
- Lebo, C., & Oliphant, K. (1969). Music as a source of acoustic trauma. *Journal of the Audio Engineering Society*, 17 (5), 535 - 538.

Lee, S., & Rogers, J. (1985). Characterization of snow by acoustic sounding: a feasibility study. *Journal of Sound and Vibration*, 99 (2), 247-266.

Lewers, T., & Anderson, J. (1984). Some acoustical properties of St. Paul's Cathedral, London. *Journal of Sound and Vibration*, 94 (2), 258-297.

McIntyre, M., Schumacher, R., & Woodhouse, J. (1983). On the oscillations of musical instruments. *Journal of the Acoustical Society of America*, 74 (5), 1325-1345.

Moore, B. C. J. (1982). *An introduction to the psychology of hearing*, 2nd ed. London: Academic.

Mulligan, B.E., et. al. (1987). Enhancement and Masking of Loudness by Environmental Factors: Vegetation and Noise. *Environment and Behaviour*, 19 (4), 411-443.

Olson, H. F. (1967). *Music, physics, and engineering*. New York: Dover.

Oster, Gerald. (1973). Auditory beats in the brain. *Scientific American*, October, 94-102.

Pierce, J. R., & David, E. E. (1958). *Man's world of sound*. New York: Doubleday.

Plomp, R. (1964). The ear as a frequency analyzer. *Journal of the Acoustical Society of America*, 36 (9), 1628-1636.

Plomp, R. (1965). Tonal consonance and critical bandwidth. *Journal of the Acoustical Society of America*, 37, 548-560.

Plomp, R. (1976). *Aspects of tone sensation: A psychophysical study*. New York: Academic.

Rigden, J. S. (1985). *Physics and the sound of music*. New York: John Wiley.

Roeder, Kenneth D. (1965). Moths and Ultrasound. *Scientific American*, Apr, 94-102.

Roederer, J. G. (1975). *Introduction to the physics and psychophysics of music*, 2nd ed. New York: Springer.

Saunders, J., Dear, S., & Scheider, M. (1985). The anatomical consequences of acoustic injury. *The Journal of the Acoustical Society of America*, 78 (3), 833-860.

Schmidt, R. (1984). Acoustic injury and the physiology of hearing. *Journal of the Acoustical Society of America*, 76 (5), 1293-1317.

Shankland, Robert S. (1973) Acoustics of Greek theatres. *Physics Today*, Oct, 30-35.

Shaw, E.A.G., & Olson, N. (1971). Theory of Steady-State Urban Noise for an Ideal Homogeneous City. *J of the Acoustical Society of America*, 51 (6), 1781-1793.

Shepard, R. (1964). Circularity in judgments of relative pitch. *The Journal of the Acoustical Society of America*, 36 (12), 2346-2353.

Sherrick, C. (1984). Basic and applied research on tactile aids for deaf people. *Journal of the Acoustical Society of America*, 75 (5), 1325-1342.

Slawson, A. (1967). Vowel quality and musical timbre as functions of spectrum envelope and fundamental frequency. *Journal of the Acoustical Society of America*, 43 (1), 87-101.

Slarve, Richard N., & Johnson, Daniel L. (1975) Human Whole- Body Exposure to Infrasound. *Aviation, Space, and Environmental Medicine*, 46 (4), 428-431.

Stevens, S. S., & Halowell, D. (1938). *Hearing*. New York: Wiley.

Stevens, S. S., & Warshofsky, F. (1965). *Sound and hearing*. New York: Time-Life.

Taylor, C. A. (1965). *The physics of musical sounds*. New York: American Elsevier.

Tobias, J. V., ed. (1972). *Foundations of modern auditory theory*. New York: Academic.

Von Békésy, G. (1957). Sensations on the skin similar to directional hearing, beats and harmonics of the ear. *Journal of the Acoustical Society of America*, 29 (4), 489-501.

Von Békésy, Georg. (1957). The Ear. *Scientific American*, 197 (2), 66-78.

Von Békésy, G. (1962). Can we feel the nervous discharges of the end organs during vibratory stimulation of the skin? *Journal of the Acoustical Society of America*, 34 (6), 850- 856.

Von Békésy, G. (1965). Hearing theories and complex sounds. *Journal of the Acoustical Society of America*, 35 (4), 588- 601.

Warren, R. (1968). Verbal transformation effect and auditory perceptual mechanisms. *Psychological Bulletin*, 70 (4), 261- 270.

Zwicker, E. (1957). Critical bandwidth in loudness summation. *Journal of the Acoustical Society of America*, 29 (5), 548- 557.

Listening and Sound Cognition

Ansley, Hudson. (1954). Do Birds Hear Their Songs as We Do? *Proc. Linn. Soc.*, 63 (5), 39-40.

Ballas J. & J. Howard (1987). "Interpreting the Language of Environmental Sounds," *Environment and Behaviour*, Jan.

Bamberger, J. (1972). Developing a musical ear: a new experiment. *Artificial Intelligence*, 264.

Bamberger, J. (1973). Learning to think musically (a computer approach to music study). *Music Educators Journal*, 59 (7), 53-57.

Bateson, G. (1972). *Steps to an ecology of mind*. New York: Ballantine.

Bregman, A. (1990). *Auditory Scene Analysis*. MIT Press.

Clynes, M., ed. (1982). *Music, mind, and brain: The neuropsychology of music*. New York: Plenum.

Cohen, J. (1962). Information theory and music. *Behavioral Science*, 7, 137-163.

Costanzo, F. S., Markel, N. N., & Costanzo, P. R. (1969), Voice quality profile and perceived emotion. *Journal of Counseling Psychology*, 16 (3), 267-70.

Christovich, L. (1984). Central auditory processing of peripheral vowel spectra. *Journal of the Acoustical Society of America*, 77 (3), 789-805.

DeCasper, A. (1986). Prenatal maternal speech influences newborn's perception of speech sounds. *Infant Behaviour and Development*, 9, 133-150.

Deutsch, D. (1969). Music recognition. *Psychological Review*, 76 (3), 300-307.

Deutsch, D., ed. (1982). *The psychology of music*. New York: Academic.

Dixon, N. F. (1971). *Subliminal perception*. London: McGraw- Hill.

- Dorman, M. et al. (1986). Influence of the acoustic reflex on vowel recognition. *Journal of Speech and Hearing Research*, 29 (3), 420-424.
- Fay, T. (1971). Perceived hierarchic structure in language and music. *Journal of Music Theory*, 15 (1-2).
- Fry, D. B. (1956). Perception and recognition in speech. In M. Halle. For Roman Jakobson. Hague: Mouton.
- Goldman, R. (1969). Cultural factors and hearing. *Exceptional Children*, 35, 489-490.
- Goodey, B. (1974). Images of place: Essays on environmental perception, communications and education. Birmingham: Univ. of Birmingham, Centre for Urban and Regional Studies.
- Griffin, D. R. (1959). *Echoes of bats and men*. Garden City, NY: Anchor.
- Grosjean, F. (1985). The recognition of words after their acoustic effect. *Perception and Psychophysics*, 38 (4), 299- 310.
- Hagen, Carlos. (1968). Silence. *Crawdaddy: the magazine of rock*, 20 (Apr), 8-11.
- Halpern, Steven with Louis Savary. (1985). *Sound Health, the Music and Sounds that Make us Whole*. San Francisco: Harper and Row.
- 'Holophonic' sound broadcasts directly to brain. (1983). *Brain/Mind Bulletin*, 8 (10).
- Handel S. (1989). *Listening*. MIT Press.
- Ihde, D. (1976). *Listening and voice*. Athens: Ohio Univ. Press.
- Ihde, D., & Slaughter, T. F. (1970). Studies in the phenomenology of sound. *International Philosophical Journal*, 10, 232-251.
- Ihde, D. (1986). *Consequences of phenomenology*. Albany: State University of New York Press.
- Jakobson, R. (1978). *Six lectures on sound and meaning*, J. Mephram, trans. Cambridge: M.I.T. Press.
- Langer, S. K. (1951). *Philosophy in a new key*. New York: Mentor.
- Laske, O. E. (1973). Toward a musical intelligence system: observer. *Numus West*, 4, 11-16.

- Laske, O. E. (1974). Toward a center for studies in musical intelligence. *Numus West*, 5.
- Laske, O. E. (1975). On psychomusicology. *International Review of the Sociology and Aesthetics of Music*, 6 (2).
- Laske, O. E. (1975). Introduction to a generative theory of music. *Sonological Reports*, No. 1B. Utrecht: Utrecht State niversity, Institute of Sonology.
- Laske, O. E. (1975). Toward a theory of musical cognition. *Interface*, 4,147-208.
- Laske, O. E. (1976). Toward a theory of musical instruction. *Interface*, 5, 125-148.
- Laske, O. E. (1977). *Music, memory and thought*. Ann Arbor: University Microfilms International.
- Laske, O. E. (1978). Considering human memory in designing user interfaces for computer music. *Computer Music Journal*, 2 (4), 39-45.
- Laske, O. E. (1980). Toward an explicit cognitive theory of musical listening. *Computer Music Journal*, 4 (2), 73-83.
- Lusseyran, J. (1963). *And there was light*. E. R. Cameron, trans. Boston: Little, Brown & Co.
- Mathieu, W.A. (1991). *The Listening Book*. Boston: Shamballa.
- McAdams, S. & E. Bigand, eds. (1993). *Thinking in Sound: The Cognitive Psychology of Human Audition*, Clarendon.
- McAdams, S. ed. (1987). *Music and Psychology: A Mutual Regard*, vol. 2 pt. 1, *Contemporary Music Review*.
- McAdams, S., & Bregman, A. (1979). Hearing musical streams. *Computer Music Journal*, 3 (4), 26-43.
- McGregor, Graham, White, R.S.(1986). *The Art of Listening*. London: Croom Helm.
- Merriam, A. P. (1964). *The anthropology of music*. Chicago: Northwestern Univ. Press.
- Metz, C. (1985). *Aural Objects*. In E. Weiss & J. Belton, eds. *Film Sound*, Columbia University Press.

- Meyer, L. B. (1956). *Emotion and meaning in music*. Chicago: Univ. of Chicago Press.
- Miller, G. (1956). The perception of speech. In M. Halle. *For Roman Jakobson*. Hague: Mouton.
- Minsky, M. (1981). Music, mind and meaning. *Computer Music Journal*, 5 (3), 28-44.
- Moles, A. (1966). *Information theory and esthetic perception*. Urbana: Univ. of Illinois Press.
- Moray, N. (1969). *Listening and attention*. Harmondsworth: Penguin.
- Morris, C. W. (1938). Foundations of the theory of signs, *International encyclopedia of unified science*, Vol. 1, No. 2. Chicago: Univ. of Chicago Press.
- Oakland, T., & Williams, F. (1971). *Auditory perception: diagnosis and development for language and reading abilities*. Seattle: Special Child Publications.
- Ong, W. (1982). *Orality and Literacy*, Methuen.
- Ornstein, R. E. (1969). *On the experience of time*. Harmondsworth: Penguin.
- Ostwald, P. F. (1973). *The semiotics of human sound*. The Hague: Mouton.
- Ostwald, P. F., & Peltzman, P. (1974). The cry of the human infant. *Scientific American*, 230 (3), 84-90.
- Patterson, B. (1974). Musical dynamics. *Scientific American*, 231 (5), 78-95.
- Reik, T. (1949). *Listening with the third ear*. New York: Farrar & Strauss.
- Samuel, Arthur. (1986). Red herring detectors and speech perception: in defense of selective adaptation. *Cognitive Psychology*, 18 (4), 452-499.
- Samuel, Arthur, & Tartter, V. (1986). Acoustic-phonetic issues in speech perception. *Annual Review of Anthropology*, 15, 247-273.
- Sargant, W. (1959). *Battle for the mind*. London: Pan Books.
- Seashore, C. E. (1938). *The psychology of music*. New York: McGraw-Hill.
- Simon, H. A. & Sumner, R. K. (1968). Pattern in music. In B. Kleinmuntz. *The formal representation of human judgement*. New York: John Wiley and Sons.

Simon, H. A. (1969). *The sciences of the artificial*. Cambridge: M.I.T. Press.

Somerville, T., & Brownless, S.F. (1949). Listeners' Sound- Level Preferences. *B.B.C. Quarterly*, (Jan), 245-250.

Springer, G. P. (1956). Language and music: parallels and divergencies. In M. Halle. For Roman Jakobson. Hague: Mouton.

Supa, M., Cotzin, M., & Dallenbach, K. M. (1944). Facial vision: The perception of obstacles to the blind. *American Journal of Psychology*, 57, 133-183.

Vygotsky, L. S. (1962). *Thought and language*. Cambridge: M.I.T. Press.

Westerkamp, (1990) "Listening and Soundmaking: A Study of Music as Environment," in D. Lander & M. Lexier, eds. *Sound by Artists*, Art Metropole & Walter Phillips Gallery.

Wolvin, A. D., & Coakley, C. G. (1982). *Listening*. Dubuque, IA: Wm. C. Brown.

Yates, A. J. (1963). Delayed auditory feedback. *Psychological Bulletin*, 60, 213-232.

Soundscape Studies

Schafer, R. M. (1969). *The new soundscape*. Vienna: Universal Edition.

Schafer, R. M. (1977). *The tuning of the world*. New York: Knopf.

Torigoe, K. (1982). "A Study of the World Soundscape Project". Toronto: York University, M.F.A. thesis.

Truax, B. D. (1974). *Soundscape studies: An introduction to the World Soundscape Project*. *Numus West*, No. 5, 36-39.

Truax, B. D. (1977). The soundscape and technology. *Interface*, 6, 1-8.

Truax, B. (1984). *Acoustic communication*. Norwood: Ablex.

World Soundscape Project. The Music of the Environment Series, R. M. Schafer, ed. Vancouver: AR.C. Publications.

- (1973). No. 1, The Music of the Environment.
- (1978). No. 2, The Vancouver Soundscape.
- (1977). No. 3, European Sound Diary.
- (1977). No. 4, Five Village Soundscapes.
- (1978). No. 5, Handbook for Acoustic Ecology.

Zapf, D. (1981). The World Soundscape Project revisited. *Musicworks*, Spring, No. 15, 4-5.

Zapf, D. (1981). Inside the soundscape, the compositions of Hildegard Westerkamp. *Musicworks*, Spring, No. 15, 5-8.

Noise and Community Design

Acton, W.I., & Carson, M.B. (1967). Auditory and Subjective Effects of Airborne Noise from Industrial Ultrasonic Sources. *Brit. J. industr. Med.*, 24, 297-304.

Anderson, L. M., Mulligan, B. E., Goodman, L. S., & Regen, H. Z. (1983). Effects of sounds on preferences for outdoor settings. *Environment and Behavior*, 15 (5), 539-566.

Aniansson, G., & Peterson, Y. (1983). Speech intelligibility of normal listeners and persons with impaired hearing in traffic noise. *Journal of Sound and Vibration*, 90 (3), 341- 360.

Barber, A.D. (1970). Recent Developments in Silencing Pneumatic Machinery. *Noise 2000: Proceedings*, 167-170.

Baron, R. A. (1970). *The tyranny of noise*. New York: St. Martin's.

Bartheld, R.G. (1974). Sound levels of industrial motors. *Tappi*, 57 (12), 124-128.

Behar, A. (1980). TTS from Impulsive and Continuous Noises. *Acustica*, 46, 89-94.

Beranek, Leo L. (1966). Noise. *Scientific American*, 215 (6), 66-76.

Beranek, L. L., Blazier, W. E., & Figwer, J. J. (1971). Preferred noise criterion (PNC) curves and their application to rooms. *Journal of the Acoustical Society of America*, 50, 1223-1228.

- Berland, T. (1970). *The fight for quiet*. Englewood Cliffs, NJ: Prentice-Hall.
- Bodlund, K. (1985). Alternative reference curves for evaluation of the impact sound insulation between dwellings. *Journal of Sound and Vibration*, 102 (3), 381-402.
- Bragdon, C. R. (1979). *Noise pollution -- A guide to information sources*. Detroit: Gale Research.
- Brammer, A.J., & Toole, F.E. (1972). The "Noise Thermometer": A Large-Display Sound-Level Meter. *J. Acoustical Society of America*, 51 (6), 1777-1780.
- Brown, A., Hall, A., & Kyle-Little, J. (1985). Response to a reduction in traffic noise exposure. *Journal of Sound and Vibration*, 98 (2), 235-246.
- Brownridge, D. (1986). Filling the parks with noise. *Sierra*, 71 (4).
- Bruel, P. V. (1976). Do we measure damaging noise correctly? *B & K Technical Review*, no. 1, 3-25.
- Bryan, M. E., & Tempest, W. (1973). Are our noise laws adequate? *Applied Acoustics*, 6, 219-232.
- Burns, W. (1968). *Noise and man*. London: Wm. Clowes.
- Campbell, J. M. (1983). Ambient stressors. *Environment and Behavior*, 15 (3), 355-380.
- Cardinell, R. L. (1948). Music in industry. In D. Schullian, & M. Schoen, eds. *Music and Medicine*. New York: Schuman Carlein, Walter. (1970).
- Massnahmen Zum Ruheschutz im Kurort. *Noise 2000: Proceedings*. Pieter Zonderland, ed. Groningen, Holland: Wolters-Noordhoff.
- Clark, William W. (1990). Amplified music from stereo headsets and its effect on hearing. *Hearing Instruments*, 41 (10), 29-30.
- Cohen, Sheldon. (1981). Nonauditory effects of noise on behaviour and health. *Journal of Social Issues*, 37 (1), 36- 70.
- Cohen, Sheldon, Glass, D., & Singer, J. (1973). Apartment noise, auditory discrimination and reading ability in children. *Journal of Experimental Social Psychology*, 9, 407- 422.

- Dieroff, H.G. (1980). Some Remarks about Differences in Mechanisms of Damage Following Exposure to Impulse and Continuous Noise. *ASHA Reports*, 10, 86-91.
- Doelle, L. L. (1972). *Environmental acoustics*. New York: McGraw-Hill.
- Dubos, R. (1965). *Man adapting*. New Haven: Yale Univ. Press.
- Duerden, C. (1970). *Noise abatement*. London: Butterworths.
- Farr, L., M.D. (1967). Medical consequences of environmental home noises. *The Journal of the American Medical Association*, 202 (3), 99-102.
- Fausti, S.A., Erickson, D.A., Frey, R.H., & Rappaport, B.Z. (1981). The Effects of Impulsive Noise Upon Human Hearing Sensitivity (8-20 kHz). *Scand Audiol* 10, 21-29.
- Fearn, R., & Hanson, D. (1984). Hearing damage in young people using headphones. *Journal of Sound and Vibration*, 96 (1), 147-149.
- Fearn, R., & Hanson, D. (1984). Hearing level measurements of students aged 18-25 years exposed to amplified pop music. *Journal of Sound and Vibration*, 94 (4), 591-595.
- Fearn, R., & Hanson, D. (1984). Hearing level measurements of schoolchildren aged 9-16 exposed to amplified pop music. *Journal of Sound and Vibration*, 95 (3), 430-434.
- Finkelman, J. M. (1975). Effects of noise on human performance. *Sound and Vibration*, September, 26-28.
- Forrest, K., Abbas, P., & Zimmermann, G. (1986). Effects of white noise masking and low pass filtering on speech kinematics. *Journal of Speech and Hearing Research*, 29 (4), 549-562.
- Gallagher, Geraldine. (1989). Hot Music, High Noise, & Hurt Ears. *The Hearing Journal*, (Mar), 7-11.
- Gasaway, D. (1986). Protecting against the invisible contaminant: noise. *Pollution Engineering*, 18 (3).
- Guignard, J. C., & Johnson, D. L. (1975). The relation of noise exposure to noise induced hearing damage. *Sound and Vibration*, January, 18-23.
- Hall, F., Taylor, S., & Birnie, S. (1985). Activity interference and noise annoyance. *Journal of Sound and Vibration*, 103 (2), 237-252.
- Hamernik, R.P., Henderson, D., & Hynson, K. (1978). Impulsive noise and synergistic effects aggravate hearing loss. *Occupational Health and Safety*, 47 (Jan/Feb), 50-58.

Hawkins, M. M. (1980). "An Exploratory Study of Response to Sound (Including Noise) Occurring in Rural Hampshire and Wiltshire" (Contract Report 80/11). Southampton: Univ. of Southampton, Institute of Sound and Vibration Research, August.

Hawkins, M., & Large, J. (1983). Subjective response to noise in rural villages, particularly from road traffic. *Journal of Sound and Vibration*, 88 (3), 321-331.

Henderson, D., Hamernik, R.P., & Sittler, R. (1974). Audiometric and Anatomical Correlates of Impulse Noise Exposure. *Arch. Otolaryngol*, 99 (Jan).

Hetu, R. (1994). "The Hearing Conversation Paradigm and Experienced Effects of Occupational Noise Exposure," *Canadian Acoustics*, 22(1), 3-19.
Hobart, Peter. (1948). Emotional Aspects of Hearing Loss. (Journal Unknown).

Horsthemke, W. (1984). Noise-induced transitions. Berlin: Springer-Verlag.

Humes, L. (1984). Noise-induced hearing loss as influenced by other agents and by some physical characteristics of the individual. *Journal of the Acoustical Society of America*, 76 (5), 1318-1329.

Hunt, W.J., Hamernik, R.P., & Henderson, D. (1976). The Effects of Impulse Level on the Interaction Between Impulse and Continuous Noise. *American Academy of Ophthalmology and Otolaryngology*, 82 (May/Jun).

Institute of Sound and Vibration Research. (1981). Results of the Workshop on Impulse Noise and Auditory Hazard. Southampton, U.K.: U. of Southampton.

Kryter, K. D. (1959). Scaling human reactions to the sound from aircraft. *Journal of the Acoustical Society of America*, 31, 1415-1429.

Kryter, K. D. (1960). The meaning and measurement of perceived noise level. *The Journal of the Acoustical Society of America*, 6 (5), 12-27.

Kryter, K. D. (1970). The effects of noise on man. New York: Academic Press.

Kryter, K. D. (1983). Presbycusis, sociocusis and nosocusis. *Journal of the Acoustical Society of America*, 73 (6), 1897- 1917.

Kryter, K.D. (1985). The Effects of Noise on Man (second edition). London: Academic Press.

Lambert, J., Simonnet, F., & Vallet, M. (1984). Patterns of behaviour in dwellings exposed to road traffic noise. *Journal of Sound and Vibration*, 92 (2), 159-172.

Langdon, F., Buller, I., & Scholes, W. (1983). Noise from neighbors and the sound insulation of party floors and walls in flats. *Journal of Sound and Vibration*, 88 (2), 243-270.

Lynch, Micheal, & Lee, Peter. (1976). An Acoustic Study of Open Space in the Urban Core of the City of Vancouver. Unpublished Manuscript.

Martin, A.M., & Atherley, G.R.C. (1973). A Method for the Assessment of Impact Noise with Respect to Injury to Hearing. *Annual of Occupational Hygiene*, 16, 19-26.

Mathews, K. E., Jr., & Canon, L. K. (1975). Environmental noise level as a determinant of helping behaviour. *Journal of Personality and Social Psychology*, 32, 571.

Miller, J. D. (1974). Effects of noise on people. *Journal of the Acoustical Society of America*, 56, 729-763.

National Research Council. (1970). *Snowmobile Noise: Its Sources, Hazards and Control*. Ottawa: NRC.

National Research Council. (1972). *Legislative Control of Noise-Feasibility and Recommendations*. Ottawa: NRC.

Nichols, Alan C. (1971). Effects of Noise on Articulation Scoring: A Methodological Study. *J of Communication Disorders*, 4, 199-207.

Noble, William. (1991). Evaluation of Disability and Handicap in Noise-Induced Hearing Loss. *Canadian Acoustics*, 19 (2), 23-26.

Noise Abatement Commission. (1930). *City noise*. City of New York: Dept. of Health.

Northwood, T. (1964). Sound insulation and the apartment dweller. *Journal of the Acoustical Society of America*, 36 (4), 725-728.

OECD (1991) *Fighting Noise in the Nineties*. OECD Paris.

Patenaude, Jocelyn. (1983). Sound in the operating room. *Canadian Operating Room Nursing Journal*, 1, (6), 10-17.

Payne, N. (1983). The fifteenth Sir Richard Fairey memorial lecture: the quieter airport. *Journal of Sound and Vibration*, 89 (4), 533-540.

Pearce, F. (1986). Simple techniques tame the factory din. *New Scientist*, 108 (1486).

Podoshin, L., Fradis, M., & Zisman, D. (1979). Senso-Neural Hearing Loss as an Expression of Atherosclerosis in Young People. *The Eye, Ear, Nose and Throat Monthly*, 54 (Dec), 18- 23.

Porteous, J. (1990). "Soundscape," *Landscapes of the Mind*, University of Toronto Press.

Porteous, J. Douglas, & Mastin, Jane F. (1985). Soundscape. *Journal of Architectural Planning and Design*, 2, 169-186.

Power's Basic Data on Vibration and Noise Control. (1962). New York: McGraw-Hill.

Price, A. J. (1972). Community noise survey of greater Vancouver. *Journal of the Acoustical Society of America*, 52 (2), 488-492.

Ramazzini, Bernardino. (1713). *Diseases of Workers*. trans. by W.C. Wright from *De Morbis Artificium*. New York: Hafner.

Robinson, D. (1983). The spectral factor in noise-induced hearing loss. *Journal of Sound and Vibration*, 90 (1), 103- 127.

Rodda, M. (1967). *Noise and society*. London: Oliver & Boyd.

Rosen, S. (1962). Presbycusis study of a relatively noise- free population in the Sudan. *Transactions, American Otological Society*, 50, 135-152.

Rosen S. (1973). *The autobiography of Dr. Samuel Rosen*. New York: Knopf.
Royster, Julia, & Royster, Larry. (1990). Amplified music and its effect on hearing. *Hearing Instruments*, 41 (10), 28-29.

Sandover, J., & Champion, D. (1984). Some effects of a combined noise and vibration environment on a mental arithmetic task. *Journal of Sound and Vibration*, 95 (2), 203- 212.

Schmiedt, Richard A. (1984). Acoustic injury and the physiology of hearing. *J. Acoustical Society of America*, 76 (5), 1293-1317.

Shaw, E.A.G., & Olson, N. (1971). Theory of Steady-State Urban Noise for an Ideal Homogeneous City. *J of the Acoustical Society of America*, 51 (6), 1781-1793.

Shurcliff, W. A. (1970). *SST and sonic boom handbook*. New York: Ballantine.

- Singh, Krishna B. (1972). Effects of sound on the female reproductive system. *Am. J. Obstet. Gynecol*, 112 (7), 981- 991.
- Southworth, M. (1969). The sonic environment of cities. *Environment and Behavior*, 1 (1), 49-70.
- Staiano, M. (1986). Noise exposure due to intermittent noise sources. *Sound and Vibration*, 20 (5), 18.
- Stephens, Dafydd, & Rood, Graham. (1978). The nonauditory effects of noise on health. *Handbook of Noise Assessment*. Daryl N. May, ed. New York: Van Nostrand Reinhold Co.
- Still, H. (1970). *In quest of quiet*. Harrisburg, PA: Stackpole.
- Suter, Alice H. (1992). "Noise Sources and Effects-A New Look," *Sound and Vibration*, Jan., 18-38.
- Suter, Alice H. (1987). Editorial: Impulse Noise Madness. *Sound and Vibration*, (May).
- Taylor, S. M. (1984). A path model of aircraft noise annoyance. *Journal of Sound and Vibration*, 96 (2), 243-260.
- Tempest, W., ed. (1976). *Infrasound and low frequency vibration*. London: Academic.
- Tempest, W., ed. (1985). *The Noise Handbook*. London: Academic.
- Theissen, George J. (1970). Effects of Noise During Sleep. *Physiological Effects of Noise*, 271-275.
- Theissen, G.J., & Berry, B. (1970). *The Effects of Impulsive Noise on Sleep*. Ottawa: National Research Council.
- Tremolieres, Claude & Hetu, Raymond. (1980). A multi- parametric study of impact noise-induced TTS. *J. of Acoustical Society of America*, 68 (6), 1652-1659.
- Vallet, M. (1983). Long term sleep disturbance due to traffic noise. *Journal of Sound and Vibration*, 90 (2), 173-191.
- Webster, J. C. (1974). Speech interference by noise. *Proceedings, Inter-Noise 74*, Institute of Noise Control Engineering, 558.
- Wetherill, E. A. (1975). Noise control in buildings. *Sound and Vibration*, July, 20-23.
- White, F. A. (1975). *Our acoustic environment*. New York: Wiley.

Whittle, L.S., & Robinson, D.W. (1974). Discotheques and Pop Music as a Source of Noise-Induced Hearing Loss. National Physical Laboratory Acoustics Report Ac 66. Ottawa: Dept. of Trade and Industry.

Wilkins, P., & Martin, M. (1984). Attention demand and recognition in the perception of warning sounds and the effects of wearing hearing protection. *Journal of Sound and Vibration*, 94 (4), 483-494.

Wilkinson, R. (1984). Disturbance of sleep by noise: individual differences. *Journal of Sound and Vibration*, 95 (1), 5-63.

World Health Organization. (1966). Public Health Aspects of Housing in the USSR. *WHO Chronicle*, 20 (10), 355-363.

Yale, D. R. (1970-71). The politics of Muzak: Big brother calls the tune. *Student Musicologists at Minnesota*, 80-106.

Zonderland, P. (1970). The Combating of Noise in the Entire World and in Holland. *Noise 2000: Proceedings*, 48-54.

Language and Soundmaking

Baker, B. (1978). *Speech and language*. Champaign: Research Press.

Basso, K. To give up on words: silence in Western Apache culture. *Southwestern Journal of Anthropology*, 26 (3), 213- 230.

Beattie, G. (1983). *Talk*. Milton Keynes: Open University Press.

Benson, T., ed. (1985). *Speech communication in the twentieth century*. Carbondale: Southern Illinois University Press.

Birdwhistell, R. L. (1970). *Kinesics and context*. Philadelphia: Univ. of Pennsylvania Press.

Bordon, G. (1980). *Speech - science primer*. Baltimore: Williams and Wilkins.

Bormann, E. (1981). *Speech communication*. New York: Harper & Row.

Bruneau, T. J. (1973). Communicative silences: Forms and functions. *Journal of Communication*, 23, 17-46.

Burling, R. (1986). The selective advantage of complex language. *Ethology and Sociobiology*, 7 (1), 1-16.

- Cassirer, E. (1946). *Language and myth*. Toronto: Dover Publications.
- Chevrie-Muller, C., Segulier, N., Spira, A., & Dordain, M. (1978). Recognition of psychiatric disorders from voice quality. *Language and Speech*, 21 (1), 87-111.
- Chistovich, Ludmilla A. (1984). Central auditory processing of peripheral vowel spectra. *J. of Acoustical Society of America*, 77 (3), 789-805.
- Chomsky, A. N. (1965). *Aspects of the theory of syntax*. Cambridge: M.I.T. Press.
- Cole, R. A., ed. (1980). *Perception and production of fluent speech*. Hillsdale, NJ: Lawrence Erlbaum Associates.
- Costanzo, F. S., Markel, N. N., & Costanzo, P. R. (1969). Voice quality profile and perceived emotion. *Journal of Counseling Psychology*, 16 (3), 267-70.
- Crystal, D. (1969). *Prosodic systems and intonation in English*. Cambridge: Cambridge Univ. Press.
- Crystal, D. (1975). *The English tone of voice: Essays in intonation, prosody and paralanguage*. London: Edward Arnold.
- Denes, P.B., & Pinson, E. N. (1963). *The speech chain*. Garden City, NY: Anchor.
- Eastman, C., & Reese, T. (1981). Associated language: how language and ethnic identity are related. *General Linguistics*, 21 (2), 109-116.
- Eimas, P. D. (1975). Speech perception in early infancy. In L. B. Cohen & P. Salapatek, eds. *Infant Perception: From Sensation to Cognition*, Vol. 2. New York: Academic.
- Eisenberg, R. B. (1976). *Auditory competence in early life: The roots of communicative behavior*. Baltimore: University Park Press.
- Feldstein, S. (1972). Temporal patterns of dialogue: Basic research and considerations. In A. W. Siegman & B. Pope, eds. *Studies in Dyadic Communication*. New York: Pergamon.
- Flanagan, J. L. (1972). *Speech analysis, synthesis, and perception*. New York: Springer-Verlag.
- Fletcher, H. (1953). *Speech and hearing in communication*. Princeton: Van Nostrand.
- French - St. George, M. (1986). What does speech sound like to the hearing impaired? *The Volta Review*, 88 (5), 109-122.

- Garfinkel, H. (1967). *Studies in ethnomethodology*. Englewood Cliffs: Prentice Hall.
- Goffman, E. (1981). *Forms of talk*. Philadelphia: University of Pennsylvania Press.
- Goodman, F. D. (1972). *Speaking in tongues: A cross-cultural study of glossolalia*. Chicago: Univ. of Chicago Press.
- Goody, J. (1977). *The domestication of the savage mind*. Cambridge: Cambridge University Press.
- Hockett, C. F. (1960). The origin of speech. *Scientific American*, 203 (3), 88-96.
- Ihde, D., & Slaughter, T. F. (1970). Studies in the phenomenology of sound. *International Philosophical Journal*, 10, 232-251.
- Ihde, D. (1976). *Listening and voice*. Athens: Ohio Univ. Press.
- Jackendoff, R. (1980). *A deep parallel between music and language*. Bloomington: Indiana University Linguistics Club.
- Jaffe, J., & Feldstein, S. (1970). *Rhythms of dialogue*. New York: Academic.
- Jakobson, R. (1972). Verbal communication. *Scientific American*, 227 (3), 72-80.
- Johnson, R., ed. (1982). *Making histories*. London: Hutchinson & Company.
- Key, M. R. (1975). *Paralanguage and kinesics*. Metuchen, NJ: Scarecrow Press
- Kolata, Gina Bari. (1978). Singing Styles and Human Cultures: How Are They Related? *Science*, 200 (Apr), 287-288.
- Kramer, E. (1963). Judgment of personal characteristics and emotions from nonverbal properties of speech. *Psychological Bulletin*, 60, 408-420.
- Langer, S. (1962). *Philosophical sketches*. Baltimore: John Hopkins Press.
- Leathers, D. G. (1976). *Nonverbal communication systems*. Boston: Allyn & Bacon.
- Linklater, K. (1976). *Freeing the natural voice*. New York: Drama Book.
- Lomax, A. (1962). Song structure and social structure. *Ethnology*, 1, 425-451.

- Luria, A. (1982). *Language and cognition*. Washington: V. H. Winston.
- Markel, N. N. (1965). The reliability of coding paralanguage: Pitch, loudness, and tempo. *Journal of Verbal Learning and Verbal Behavior*, 4, 306-308.
- Markel, N. N. (1969). *Psycholinguistics: An introduction to the study of speech and personality*. Homewood, IL: Dorsey.
- Mehrabian, A. (1972). *Nonverbal communication*. Chicago: Aldine-Atherton.
- Miller, G. A. (1967). *The psychology of communication*. Harmondsworth: Penguin.
- Miller, G. (1981). *Language and speech*. San Francisco: W. H. Freeman.
- Moray, N. (1969). *Listening and attention*. Middlesex: Penguin.
- Morris, C. W. (1938). Foundations of the theory of signs, *International encyclopedia of unified science*, Vol. 1, No. 2. Chicago: Univ. of Chicago Press.
- Morris, C. W. (1955). *Signs, language, and behavior*. New York: Braziller.
- Ong, W. J. (1982). *Orality and literacy: The technologizing of the word*. London and New York: Methuen.
- Ostwald, P. F. (1963a). *Soundmaking*. Springfield: C. C. Thomas.
- Ostwald, P. F. (1963b). Sonic communication in medical practice and research. *Journal of Communication*, 13, 156-165.
- Ostwald, P. F. (1973). *The semiotics of human sound*. The Hague: Mouton.
- Ostwald, P. F., & Peltzman, P. (1974). The cry of the human infant. *Scientific American*, 230 (3), 84-90.
- Ostwald, P. F. (1977). Sounds in human communication. In P. F. Ostwald, ed. *Communication and Social Interaction*. New York: Grune & Stratton.
- Ostwald, P. F. (1977). Sounds in human communication. In P. F. Ostwald, ed. *Communication and Social Interaction*. New York: Grune & Stratton.
- Pan, B., & Gleason, J. (1986). The study of language loss: models and hypotheses for an emerging discipline. *Applied Psycholinguistics*, 7 (3), 193-206.
- Parker, Ellen M., Diehl, Randy L., & Kluender, Keith R. (1986). Trading relations in speech an non-speech. *Perception and Psychophysics*, 39 (2), 129-142.

- Parker, S. (1985). A social - technological model for the evolution of language. *Current Anthropology* 26 (5), 617-639.
- Pearce, W. B., & Conklin, F. (1971). Nonverbal vocalic communication and perceptions of a speaker. *Speech Monographs*, 38, 235-241.
- Picheny, M., Durlach, N., & Braida, L. (1986). Speaking clearly for the hard of hearing: II. Acoustic characteristics of clear and conversational speech. *Journal of Speech and Hearing Research*, 29 (4), 434-445.
- Pittenger, R. E., Hockett, C. F., & Danehy, J. J. (1960). The first five minutes: A sample of microscopic interview analysis. Ithaca, NY: P. Martineau.
- Polanyi, L. (1985). *Telling the american story: a structural and cultural analysis of conversational storytelling*. Norwood: Ablex.
- Ross, J. (1985). *Infinite syntax*. Norwood: Ablex.
- Salzinger, K., & Salzinger, S., eds. (1967). *Research in verbal behavior and some neurophysiological implications*. New York: Academic.
- Samuel, R., ed. (1981). *People's history and socialist theory*. London: Routledge and Kegan Paul.
- Saussure, F. de (1966). *Course in general linguistics*, C. Bally & A. Sechehaye, eds., W. Baskin, trans. New York: McGraw-Hill.
- Sebeok, T. A., ed. (1960). *Style in language*. Cambridge: M.I.T. Press.
- Stevens, K., & House, A. Speech perception. *Foundations of Modern Auditory Theory*, 2, 3-62.
- Sundberg, J. (1977). The acoustics of the singing voice. *Scientific American*, March.
- Sundberg, J. (1980). To perceive one's own voice and another person's voice. In Sundberg, J., ed. *Research Aspects on Singing*. Stockholm: Royal Swedish Academy of Music, Publication No. 33.
- Tannen, D., ed. (1982). *Spoken and written language: exploring orality and literacy*. Norwood: Ablex.
- Tannen, D., & Saville-Troike, M., eds. (1985). *Perspectives on silence*. Norwood: Ablex.
- Trager, G. L. (1958). *Paralanguage: A first approximation*. *Studies in Linguistics*, 13 (1 & 2), 1-12. Truax, B. (1984). *Acoustic communication*. Norwood: Ablex.

- Tyler, S. (1978). *The said and the unsaid*. New York: Academic Press.
- Vansina, J. (1965). *Oral tradition*. Chicago: Aldine.
- Vansina, J. (1985). *Oral tradition as history*. Madison: University of Wisconsin Press.
- Vygotsky, L. S. (1962). *Thought and language*. Cambridge: M.I.T. Press.
- Watzlawick, P., Beavin, J. H., & Jackson, D. D. (1967). *Pragmatics of human communication*. New York: Norton.
- Waugh, L. R., & van Schooneveld, C. H., eds. (1980). *The melody of language (intonation and prosody)*. Baltimore: Univ. Park Press.
- Wenk, B. J. (1985). Speech rhythms in second language acquisition. *Language and Speech*, 28 (2), 157-175.
- Whorf, Benjamin L. (1940). Science and Linguistics. *The Technology Review*, (Apr), 229-231.

Media Studies

- Anon. (1964). Audio logos: an image in seven seconds or less. *Sponsor*, 18, 34-37.
- Andreasen, M. (1986). Attentional penchants and recall of information from background radio. *Journalism Quarterly*, 63 (1), 24-30.
- Barber, B. (1990). "Radio: Audio Art's Frightful Parent," in D. Lander & M. Lexier, eds. *Sound by Artists*, Art Metropole & Walter Phillips Gallery.
- Barnouw, E. (1970). *A history of broadcasting in the United States*. New York: Oxford University Press.
- Borstein, R., & Currie, J. E. (1982). Qualitative research: the whys, wherefores of listener behaviour. *Billboard*, 94, 24-25.
- Canby, E. T. (1984). Audio ETC, (history of FM broadcasting). *Audio*, 68, 18.
- Cantril, H. (1939). The role of the radio commentator. *Public Opinion Quarterly*, 3 (4), 654-662.
- Cardinell, R. L. (1948). Music in industry. In D. Schullian, & M. Schoen, eds. *Music and Medicine*. New York: Schuman.

Char, C. A. (1986). Stories through sound: children's comprehension of radio stories and the role of sound effects and music in story comprehension. *Dissertation Abstracts International*, 46, 2966A.

Chorafas, D. N. (1981). *Interactive videotex*. New York: Petrocelli.

Corey, L. G., & Doub, P. M. (1963). Awareness of radio commercials. *Journal of Advertising Research*, 3 (3), 17.

Davis, B. (1975). FM radio as observational access to wilderness environments. *Alternatives*, 4 (3), 21-27.

Dinkelacker, J. W. (1983). Distinguishing radio audience segments by format preferences in the multichannel programming environment: a multidimensional approach. *Dissertation Abstracts International*, 43, 3743A.

Dorfman, Andrea. (1984). How muzak manipulates you. *Science Digest*, 92 (5), 26.

Eisenstein, S. M. (1942). *The film sense*. New York: Harcourt, Brace & World.

Felsenthal, N., Shamo, G. W., & Bittner, J. R. (1971). A comparison of award-winning radio commercials and their day- to-day counterparts. *Journal of Broadcasting*, 15, 309-315.

Fornatale, P., & Mills, J. (1980). *Radio in the television age*. New York: Overlook.

Frankel, M. R., & Occiogrosso, M. G. (1985). Radio audience accumulation of multiple weeks. *Journal of Advertising Research*, 25 (3), 23-30.

Gammond, P., & Horricks, R., eds. (1980). *The music goes round and round*. London: Quartet Books.

Gardner, D. M. (1970). The distraction hypothesis in marketing. *Journal of Advertising Research*, 10 (6), 25-29.

Godfrey, D. G. (1982). The critical analysis of spoken word broadcasts. *Association of Recorded Sound Collections*, 14, 19-32.

Gould, G. (1966). The prospects of recording. *High Fidelity Magazine*, 16 (46), 46-63.

Gould, G. (1971). Radio as music. In *Canada music book*. Canada Music Council.

Grele, R. J., ed. (1975). *Envelopes of sound*. Chicago: Precedent Publishing, Inc.

- Hale, J. (1975). *Radio power, propaganda and international broadcasting*. London: Paul Elek.
- Huron, D. (1989) "Music in Advertising: An Analytic Paradigm," *The Musical Quarterly*, vol. 73, 557-574.
- Innis, H. A. (1972). *Empire and communications*. Toronto: Univ. of Toronto Press.
- Jessop, J. (1971). *Radio as music: Glenn Gould in conversation with John Jessop*. *The Canada Music Book/Les Cahiers Canadiens de musique*, no. 2, (Spring-Summer), 13-30.
- Kahn, D. (1990). "Audio Art in The Deaf Century," in D. Lander & M. Lexier, eds. *Sound by Artists*, Art Metropole & Walter Phillips Gallery.
- Kaplan, M. A. (1949). *Radio and poetry*. New York: Columbia University.
- Kellaris, J.J. & Cox, A.D. (1989) "The Effects of Background Music in Advertising: A Reassessment." *Journal of Consumer Research*, (16), 113-118.
- Lazarsfeld, P. F. (1940). *Radio and the printed page*. New York: Duell, Sloan & Pearce. (Reprinted, New York: Arno Press, 1971).
- Levy, Alan. (1965). *The muzak men*. *Horizon*, 7 (3), 39-45.
- MacColl, E. (1968). *Concerning the radio ballads*. In E. MacColl & P. Seeger, *I'm a Freeborn Man, and Other Original Radio Ballads*. New York: Oak Publications.
- McLuhan, M. (1964). *Understanding media: The extensions of man*. New York: Signet Books.
- Martin, J. (1978). *The wired society*. Englewood Cliffs, NJ: Prentice-Hall.
- Mendelsohn, H. (1964). *Listening to radio*. In L. A. Dexter & D. M. White, eds., *People, Society and Mass Communication*. London: Macmillan.
- Milliman, R. (1986). "The Influence of Background Music on the Behavior of Restaurant Patrons," *Journal of Consumer Research*, (13).
- Mowitz, J. (1987). "The Sound of Music in the Era of its Electronic Reproducibility," in R. Leppert & S. McClary, eds. *Music and Society*, Cambridge University Press, pp. 173-197.
- O'Connell, J. (1992). "The Fine Tuning of a Golden Ear: High- End Audio and the Evolutionary Model of Technology," *Technology and Culture*, vol. 33, no. 1, pp. 1-37.

- Park, C.W. & Young, S.M. (1986). "Consumer Response to Television Commercials: The Impact of Involvement and Background Music on Brand Attitude Formation." *Journal of Marketing Research*, (23), 11-24.
- Passman, A. (1971). *The deejays*. New York: Oxford University Press.
- Payzant, G. (1978). *Glenn Gould, music and mind*. Toronto: Van Nostrand Reinhold.
- Raudive, K. (1971). *Breakthrough*. New York: Taplinger.
- Rossitier, J. P. (1980). Point of view: brain hemisphere activity. *Journal of Advertising Research*, 20 (5), 75-76.
- Schiller, H. I. (1969). *Mass communication and American empire*. New York: A. M. Kelley.
- Schiller, H. I. (1973). *The mind managers*. Boston: Beacon Press.
- Schulberg, Bob (1989). *Radio Advertising*. Lincolnwood, IL: NTC Business Books.
- Schwartz, T. (1973). *The responsive chord*. Garden City, NY: Anchor.
- Schwartz, T. (1983). *Media: the second God*. Garden City, NY: Anchor Books.
- Shatzer, Milton J., (1990). *Listening and the Mass Media. Listening Behaviour, Measurement and Application*. (ed Robert Bostrom). London: Guilford Press.
- Shepherd, J. (1960). Channel cat in the middle distance. In Marshall McLuhan & Edmund Carpenter, eds. *Explorations in communications*. Boston: Beacon Press.
- Shepherd, J. (1977). *Whose music? a sociology of musical language*. London: Latimer.
- Shumway, G. (1970). *Oral history in the United States: A directory*. New York: Columbia Univ. Press.
- Silverman, K. (1984). "Dis-Embodying the Female Voice," in *Re-Vision: Essays on Feminist Film Criticism*, The American Film Institute Monograph Series, vol. 3.
- Simpkins, J. & J. Smith (1974). "Effects of Music on Source Evaluations," *Journal of Broadcasting*, 18(3).
- Smythe, D. (1981). *Dependency road: Communications, capitalism,*

consciousness, and Canada. Norwood, NJ: Ablex.

Soramaki, M., & Haarma, J. (1981). The international music industry. Helsinki: Finnish Broadcasting Company, No. 20.

Sterling, C. H., & Kittross, J. M. (1978). Stay tuned, a concise history of American broadcasting. Belmont, CA: Wadsworth.

Sunier, J. (1986). A history of binaural sound. *Audio*, 70, 36-46.

Theberge, P. (1990). "Democracy and its Discontents: The MIDI Specification," *Onetwothreefour*, vol. 9, pp. 12-34.

Theberge, P. (1990). "Musicians as Market: Consumers of Technology," *Onetwothreefour*, vol. 9, pp. 53-60.

Theberge, P. (1989). "The 'Sound' of Music: Technological Rationalization and the Production of Popular Music," *New Formations*, vol. 8, pp. 99-111.

Theberge, P. (1986). "Counterpoint: Glenn Gould & Marshall McLuhan," *Canadian Journal of Social & Political Theory*, 10(1-2).

Timmerman, John E. (1981). The effect of temperature, music and density on perception of crowding and shopping behaviour of consumers in a retail environment. *Dissertation Abstracts International* 42 (3), 1293.

Truax, B. (1992). *Electroacoustic Music: The Inner and Outer World*. In J. Paynter et al, eds. *Companion to Contemporary Musical Thought*. Routledge.

Truax, B. D. (1979). A structural model for the analysis of radio program organization. Unpublished manuscript.

Van Lieshout, R., Wagenaars, W., Houtsma, A., & Stikvoort, E. (1984). Dynamic compression and sound quality of music. *IPO Annual Progress Report*, 19, 14-19.

Waserman, M. (1975). *Bibliography on oral history*. New York: The Oral History Association.

White, R. G. (1982). Martin Block and WNEW: the rise of the recorded music radio format 1934-54. *Dissertation Abstracts International* 42, 4193A.

Woal, M. (1986). Program interests of NPR subaudiences. *Journalism Quarterly*, 63 (2), 348-352.

Woolfe, R. (1980). *Videotex*. London: Heyden & Sons.

Yale, D. R. (1970-71). The politics of Muzak: Big brother calls the tune. *Student Musicologists at Minnesota*, 80-106.

Young, L. (1972). Estimating radio reach. *Journal of Advertising Research*, 12 (5), 37-41.