

Ernest E. McConnell, DVM, MS (Path)

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Education:

1955 - 1957 - Pre veterinary Medicine, The Ohio State University
1957 - 1961 - D.V.M., The Ohio State University
1964 - 1966 - M.S., Department of Pathology, Michigan State University
1965 - 1967 - Resident, Veterinary Pathology Division, Armed Forces Institute of Pathology, Washington, DC

Board Certification:

Diplomate, American College of Veterinary Pathologists, 1968
Diplomate, American Board of Toxicology, 1980

Brief Chronology of Employment:

Jun 1961 - Aug 1961	Small Animal Practitioner, Becker Small Animal Hospital, Columbus, OH
Aug 1961 - Aug 1961	First Lieutenant, U.S. Air Force, Gunter AFB, Montgomery, AL
Oct 1961 - Sep 1964	Base Veterinarian, Hill Air Force Base, Ogden, UT
Sep 1964 - Sep 1965	Graduate Student, Department of Pathology, Michigan State University, East Lansing, MI
Sep 1965 - Oct 1967	Resident, Veterinary Pathology Division, Armed Forces Institute of Pathology, Washington, DC
Oct 1967 - May 1969	Veterinary Pathologist, Aerospace Pathology Branch, Armed Forces Institute of Pathology, Washington, DC
May 1969 - Aug 1972	Veterinary Pathologist, Geographic Pathology Division, Armed Forces Institute of Pathology, Washington, DC with duty in the Pathology Department, Veterinary Research Institute, Onderstepoort, Republic of South Africa
Aug 1972 - Aug 1974	Chief, Pathology Branch, Toxic Hazards Div., 6570, Aerospace Medical Research Lab, Wright-Patterson AFB, OH
Aug 1974 - Nov 1978	Veterinary Pathologist (Grade 05), U.S. Public Health Service, Research Pathologist and Head, Comparative Pathology Section, National Institute of Environmental Health Sciences (NIEHS), Research Triangle Park, NC.
Nov 1978 - Jan 1984	Veterinary Director (Grade 06), NIEHS, Chief, Chemical Pathology Branch, Toxicology Research and Testing Program, Research Triangle Park, NC
Sep 1983 - Jan 1985	Veterinary Director (Grade 06). NIEHS, Acting Director, Toxicology Research and Testing Program, Research Triangle Park, NC
Jan 1985 - Oct 1988	Veterinary Director (Grade 06). NIEHS, Director, Division of Toxicology Research and Testing Program, Research Triangle Park, NC
Oct 1988 - present	President, ToxPath, Inc., 3028 Ethan Lane, Raleigh, NC

Military Service:

Aug 1961 - Aug 1974 U.S. Air Force
Aug 1974 - Oct 1988 U.S. Public Health Service

Current Society Memberships:

American Veterinary Medical Association
American Association for the Advancement of Science
American College of Veterinary Pathologists
American Board of Toxicology
American Registry of Pathology, AFIP
Commissioned Officers Association, U.S. Public Health Service
North Carolina Chapter of the Society of Toxicology
Society of Toxicology
Society of Toxicologic Pathologists
Charter Member, Alumni Society, Armed Forces Inst. of Pathology

Honors & Special Scientific Recognition:

Distinguished Citizens Award, Hill AFB, Utah, 1964
National Defense Service Medal, 1967
U.S. Air Force Meritorious Service Medal, Wright-Patterson AFB, Ohio, 1974
Adjunct Associate Professor, School of Veterinary Medicine, North Carolina State University, 1978 to present
U.S. Public Health Service Commendation Medal, NIH, Washington, DC, 1978
Study Section-Agent Orange, Veterans Administration, June 1982
Chairman, Natural Exposure Study of Animals in Environmental Health Research Workshop, National Research Council, National Academy of Sciences, April 1985
U.S. Public Health Outstanding Service Medal, NIH, Washington, DC, 1985
Panelist-Speaker, Conference on the Implications of the Bhopal Tragedy, The Workers Policy Project, Newark, New Jersey, March 1985
Task Force Leader, Study of Chemical Tracking Agent (NPPD) used by the Soviet KGB, Moscow, 1985
Panel Member, IARC Working Group on the Evaluation of the Carcinogenic Risk of Chemicals to Humans - Some Chemicals Used in Plastics and Elastomers, Lyon, France, June 1985
Study Director for the NTP Methyl Isocyanate Study, 1985
Board Member, American Board of Toxicology, 1985-1989
Panel Member, Refractory Ceramic Fiber Animal Studies, TIMA, 1986
Panel Member, IARC Working Group on the Evaluation of the Carcinogenic Risk of Chemicals to Humans - Silica and Some Silicates, Lyon, France, June 1986
Panel Member, DHHS Committee to Coordinate Environmental and Related Programs "Report on Cancer Risks Associated with the Ingestion of Asbestos", 1987
President, American Board of Toxicology, 1987-1988
Panel Member, Health Consequences of Occupational Exposure to Man-Made Mineral Fibers, TIMA, London, England, January 1987
Panel Member, IARC Working Group to update IARC Monographs: Chemicals and Industrial Processes Associated with Cancer in Humans, Lyon, France, March 1987
Vice Chairman, IARC Working Group on Man-Made Mineral Fibers and Radon, Lyon, France, June, 1987
Panel Member/Rapporteur, IPCS/MARC Task Group Meeting on Man-Made Mineral Fibers, London, England, September 1987
Distinguished Alumnus, College of Veterinary Medicine, The Ohio State University, June, 1988
Panel Member, National Research Council, Board on Environmental Studies and Toxicology, Subcommittee on "Animals as Monitors of Environmental Hazards", 1987-1989

Co-Chairman, Review of EPA Cancer Assessment Guidelines, 1988-1989
Consultant, SAB (Drinking Water Committee and Environmental Health Committee, Environmental Protection Agency, 1988.
Member, Committee on Toxicology, National Research Council, Board on Environmental Studies on Toxicology, 1989-1994.
Lecturer, Brookings Institute, 1989
Panel Member (ad hoc), EPA-FIFRA Scientific Advisory Panel, 1989
Panel Member/Rapporteur, IPCS/MARK Task Group Meeting on Benzene, Hannover, Germany, December, 1991.
Panel Member, EPA-FIFRA Scientific Advisory Panel, 1992-2000
FDA Group Recognition Award, Nitrofurantoin Hearing Team, 1992.
Panel Member, IPCS Task Group Meeting on Synthetic Organic Fibers, London, England, September, 1992.
Panel Member, WHO European Programme for Occupational Health, "Validity of Methods for Assessing the Carcinogenicity of Man-Made Fibers", Copenhagen, Denmark, 1992
Chairman, EPA-FIFRA Scientific Advisory Panel, 1993-
Member, EPA Science Advisory Board Executive Committee, 1993-1999
Panel Member, EPA Science Advisory Board, Dioxin Review Committee (Health Panel), 1995
Panel Member/Rapporteur, IPCS/MARK Task Group Meeting on Phosgene, London, England, March, 1996.
Panel Member, IPCS/MARK Task Group Meeting on Chloroethers, London, England, March, 1996.
Panel Member, National Research Council, Commission on Life Sciences, Subcommittee on "Toxicological and Performance Aspects of Oxygenated Motor Vehicle Fuels", 1996
Panel Member, EPA Scientific Advisory Board, Committee on Environmental Health, Ad Hoc member for Neurotoxicology Guidelines; Chair - Thyroid Carcinogenesis Guidelines, 1996
Panel Member, EPA Food Quality Protection Act Advisory Board, 1996
Member, ILSI Risk Science Institute Working Group on Dose Selection, 1996
Panel Member, EPA Science Advisory Board, EPA Proposed Guidelines for Carcinogenic Risk Assessment, 1997
Panel Member, IPCS Workshop on Issues in Cancer Risk Assessment. Hannover, Germany, January 1998 and January, 1999
CoChair, EPA SAB/SAP Joint Meeting 'Testing of Pesticides in Human Subjects', Dec 1998 and Nov 1999
CoChair, EPA SAB/SAP Joint Meeting 'Endocrine Disruptors', March 1999
Panel Member, National Research Council, Commission on Life Sciences, Subcommittee on "Review of the US Navy's Exposure Limits for Manufactured Vitreous Fibers", 1999-2000
Invited Expert Testimony on Trichloroethylene, Australian Solicitor General, Melbourne, Australia, Nov. 1999
Panel Member, International Conference of the World Health Organization. "Advancing Knowledge on Regulating Tobacco Products", Oslo, Norway, February, 2000
Moderator, 2000 Society of Toxicology "Issue" Session, "The Value and Ethics of Using Human Data for the Registration of Pesticides", Philadelphia, PA, March 2000
Chair, Review of the Toxicology Program, Lovelace Respiratory Research Institute, Albuquerque, NM, April 2001
Rapporteur, ILSI Agricultural Chemical Safety Assessment, Workgroup #1, April, 2001
Session Chair, Risk Assessment Methods, "2001 Asbestos Health Effects Conference", Oakland, CA, May 2001

Editorial Boards:

Medical Research Council of Canada, 1982-1984
Environmental Health Perspectives, 1983-1990
Drug and Chemical Toxicology, 1986-1994
Fundamental and Applied Toxicology, 1989-1995
Inhalation Toxicology, 1995-

Reviewer:

Science
Annals of Occupational Hygiene

Selected Published Papers:

Dr. McConnell has authored over 125 papers. Following is a partial listing:

1. Lucas Luijckx, N.B., Rao, G.N., McConnell, E.E., Wurtzen, G. and Kroes, R The intake of chemicals related to age in long-term toxicity studies - Considerations for risk assessment. Reg. Toxicol. Pharmacol., 20:96-104, 1994.
2. McConnell, E.E. Kamstrup, O., Musselman, R., Hesterberg, T.W., Chevalier, J., Miiller, W.C. and Thevenaz, P. Chronic inhalation study of size-separated rock and slag wool insulation fibers in Fischer 344/N rats. Inhalation Toxicol., 6:571-614, 1994.
3. Hesterberg, T.W., Miiller, W. C., Mast, R., McConnell, E.E., Bernstein, D.M. and Anderson, R. Relationship between lung biopersistence and biological effects of man-made vitreous fibers after chronic inhalation in rats. Environ. Hlth. Persp., 102:133-137, 1994.
4. McConnell, E.E. Synthetic vitreous fibers - Inhalation studies. Reg. Toxicol. Pharmacol., 20 (2):S22-S34, 1994.
5. Mast, R.W., Hesterberg, T.W., Glass, L.R., McConnell, E.E., Anderson, R. and Bernstein, D.M. Chronic inhalation and biopersistence of refractory ceramic fiber in rats and hamsters. Environ. Health Persp., 102:207-210, 1994.
6. McConnell, E.E. Historical review of the rodent bioassay and future directions. Reg. Toxicol. Pharmacol., 21:38-43, 1995.
7. McConnell, E.E., Mast, R.W., Hesterberg, T.W., Chevalier, J., Kotin, P., Bernstein, D.M., Thevenaz, P., Glass, L.R. and Anderson, R. Chronic inhalation toxicity of a kaolin based refractory ceramic fiber (RCF) in Syrian golden hamsters. Inhalation Toxicol. 7:503-532, 1995.
8. Mast, R.W., McConnell, E.E., Anderson, R., Chavalier, J., Kotin, P., Bernstein, D.M., Thevenaz, P., Glass, L.R., Miiller, W.C. and Hesterberg, T.W. Studies on the chronic toxicity (inhalation) of four types of refractory ceramic fiber in male Fischer 344 rats. Inhalation Toxicol. 7:425-467, 1995.
9. Mast, R.W., McConnell, E.E., Hesterberg, T.W., Chevalier, J., Kotin, P., Thevenax, P., Bernstein, D.M., Glass, L.R., Miiller, W. and Anderson, R. A multiple dose chronic inhalation toxicity study of size-separated kaolin refractory ceramic fiber (RCF) in male Fischer 344 rats. Inhalation Toxicol. 7:469-502, 1995.
10. McConnell, E.E. Advantages and limitations of in vivo screening tests. Ann. Occup. Hyg. 39:727-735, 1995.
11. McConnell, E.E. Fibrogenic effect of wollastonite compared with asbestos dust and dusts containing quartz. Occup. Environ. Med., 52:621-624, 1995.
12. McConnell, E.E. The maximum tolerated dose in particulate inhalation studies: A pathologist's point of view. Inhalation Toxicol., 8 (Suppl):111-123, 1996.

13. McConnell, E.E., Hesterberg, T.W., Chevalier, J., Thevenaz, P., Kotin, P., Mast, R., Musselman, R., Kamstrup, O., and Hadley, J. Results of life-time inhalation studies of glass, mineral and slag wools and refractory ceramic fibers in rodents. J. Occupat. Health Safety: Australia and New Zealand, 12:327-332, 1996.
14. Hesterberg, T.W., McConnell, E.E., Miiller, W.C., Chevalier, J., Everitt, J., Thevenaz, P., Fleissner, H. and Oberdorster, G. Use of lung toxicity and lung particle clearance to estimate the maximum tolerated dose (MTD) for a fiber glass chronic inhalation study in the rat. Fund. Appl. Toxicol. 32:31-44, 1996.
15. Hesterberg, T.W., Axten, C., McConnell, E.E., Oberdorster, G., Everitt, J., Miiller, W., Chevalier, J., Chase, G.R., and Thevenaz, P. Chronic inhalation study of fiberglass and amosite asbestos in the Syrian golden hamster: Twelve month preliminary results. Sixth International Conference on Natural and Man-made Fibrous and Non-fibrous particles, Lake Placid, N.Y. 15-19 Sept 1996. Environ. Health Persp. 105:1223-12290, 1997.
16. Mayes, B.A., McConnell, E.E., Neal, B.H., Brunner, J.J., Hamilton, S.B., Sullivan, T.M., Perters, A.C., Ryan, M.J., Toft, J.D., Singer, A.W., Brown, J.F. Jr., Menton, R.B. and Moore, J.A. Comparative Carcinogenicity in Sprague-Dawley Rats of the Polychlorinated Biphenyl Mixtures Aroclors 1016, 1242, 1254 and 1260. Toxicol. Sci. 41:62-76, 1998.
17. Hesterberg, T.W., McConnell, E.E., Miiller, W.C., Chevalier, J., Everitt, J., Thevenaz, P., Fleissner, H. and Oberdorster, G. Use of lung toxicity and lung particle clearance to estimate the maximum tolerated dose (MTD) for a fiber glass chronic inhalation study in the rat. Fund. Appl. Toxicol. 32:31-44, 1996.
18. Hesterberg, T.W., Axten, C., McConnell, E.E., Hart, G.A., Miiller, W., Chevalier, J., Everitt, J., Thevenaz, P. and Oberdorster, G. Studies on the inhalation toxicology of two fiberglasses and amosite asbestos in the Syrian golden hamster. Part 1. Results of a subchronic study and dose selection for a chronic study. Inhal. Toxicol. 11:747-784, 1999.
19. McConnell, E.E., Axten, C., Hesterberg, T.W., Chevalier, J., Miiller, W., Everitt, J., Oberdorster, G., Chase, G.R., Thevenaz and Kotin, P. Studies on the inhalation toxicology of two fiberglasses and amosite asbestos in the Syrian golden hamster. Part 2. Results of chronic exposure. Inhal. Toxicol. 11:785-836, 1999.
20. McConnell, E.E. and Carbone, M. A comparison of pleural mesotheliomas induced by asbestos and SV-40 virus in Syrian golden hamsters. Inhalation Toxicol. 12:173-181, 2000.
21. McConnell, E.E. A science-based paradigm for the classification of synthetic vitreous fibers. Reg. Toxicol. Pharmacol. 32: 14-21, 2000.
22. Mast, R.W., Yu, C.P., Oberdorster, G., McConnell, E.E., and Utell, M.J. A retrospective review of the carcinogenicity of refractory ceramic fiber in two chronic Fischer 344 rat inhalation studies: An assessment of the MTD and implications for risk assessment. Inhalation Toxicol. 12:1141-1172, 2000.
23. Freeman, G.B., Singer, A.W., Lordo, R.A., Peters, A.C., Neal, B.H., McConnell, E.E., and Mayes, B.A. Chronic Neurotoxicity of Aroclor Mixtures Administered in Diet to Sprague-Dawley Rats. Fund. Appl. Toxicol. 53:377-391, 2000.
24. Kamstrup, O., Ellenhauge, A., Chevalier, J., Davis, J.M.G. McConnell, E.E and Thevenaz, P. Chronic inhalation studies of two types of stone wool fibers in rats. Inhalation Toxicol. 13:603-622, 2001.
25. Maxim, L.D. and McConnell, E.E. Interspecies comparisons of the toxicity of asbestos and synthetic vitreous fibers: A weight-of-the-evidence approach. Reg. Toxicol. Pharmacol. 33:1-24, 2001.

Papers Submitted/Accepted/In Press:

1. McConnell, E.E. The value of human testing of pesticides. Human and Ecological Risk Assess. (Accepted)

Book Chapters, Published Symposia, Reviews (Selected List):

1. McConnell, E.E.: Mouse liver tumors: the problem. In: Mouse Liver Carcinogenesis: Mechanisms and Species Comparisons, Alan R. Liss, Inc., New York, NY, 1-3, 1990.
2. Elwell, M.R. and McConnell, E.E.: Small and large intestine. In: Pathology of the Fischer Rat, Academic Press, New York, NY, 1990.
3. Hesterberg, T.W., Vu, V., McConnell, E.E., Bunn, W.B. and Anderson, R.: Use of animal models to study man-made fiber carcinogenesis. In: Cellular and Molecular Aspects of Fiber Carcinogenesis, eds. B. Brinkley, J. Lechner and C. Harris. Banbury Report, 183-205, 1990.
4. Hesterberg, T.W., Mast, R., McConnell, E.E., Chevalier, J., Bernstein, D.M., Bunn, W.B. and Anderson, R. Chronic inhalation toxicity of refractory ceramic fibers in Syrian hamsters. Proceedings of International Workshop on Mechanisms of Fibre Carcinogenesis, Albuquerque, NM, Oct. 1990.
5. Animals as Sentinels of Environmental Health Hazards. Board on Environmental Studies and Toxicology, National Research Council, National Academy Press, 1991.
6. Bell, R.H., Feigley, C.E., Gaulden, M.E., Halperin, W., Harris, E., Kimmel, C.A., Kodell, R.L., McConnell, E.E. and Taylor, K.C. Review of the U.S. Army Environmental Hygiene Agency Toxicology Division, Committee on Toxicology, National Research Council, National Academy Press, 1991.
7. Government Accounting Office. Reproductive and Developmental Toxicants: Regulatory Actions Provide Uncertain Protection. GAO/PEMD-92-3, Washington, D.C. October, 1991.
8. McConnell, E.E. Comparative responses in carcinogenesis bioassays as a function of age at first exposure. In: Similarities and Differences Between Children and Adults: Implications for Risk Assessment. Eds. P.S. Guzelian, C.J. Henry and S.S. Olin, ILSI Press, 1992.
9. McConnell, E.E. Ethylenethiourea (ETU): Comparative response in rodent carcinogenesis studies as a function of age at first exposure. In: Similarities and Differences Between Children and Adults: Implications for Risk Assessment. Eds. P.S. Guzelian, C.J. Henry and S.S. Olin, ILSI Press, 1992.
10. Validity of Methods for Assessing the Carcinogenicity of Man-made Fibers. European Programme for Occupational Health, World Health Organization, Copenhagen, Denmark, May 1992.
11. Hesterberg, T.W., McConnell, E.E., Miiller, W.C. Hadley, J.G., Bernstein, D.M., Mast, R. and Anderson, R. Relationship between lung biopersistence and biological effects of man-made vitreous fibres after chronic inhalation in rodents., Lyon, France, Sept., 1992.
12. Hesterberg, T.W., McConnell, E.E., Miiller, W.C., Hadley, J.G., Bernstein, D.M., Bunn, W.B. and Anderson, R. Chronic Inhalation Toxicity of Fibrous Glass in Rats. Proceedings of the Eighth International Conference on Lung Diseases, Prague, Czechoslovakia, Sept. 1992.
13. McClellan, R.O., Miller, F.J., Hesterberg, T.W., Warheit, D.B., Bunn, W.B., Kane, A.B., Lippmann, M., Mast, R.W., McConnell, E.E. and Reinhardt, C.F. Approaches to Evaluating the Toxicity and Carcinogenicity of Man-Made Fibers: Summary of a Workshop Held November 11-13, 1991, Durham, North Carolina. Reg. Toxicol. Pharm., 16:321-364, 1992.
14. Selected Synthetic Organic Fibres. Environmental Health Criteria #151, International Programme on Chemical Safety, World Health Organization, 1993.

15. McConnell, E.E., Chevalier, H.J., Hesterberg, T.W., Hadley, J.G. and Mast, R.W. Comparison of the effects of chrysotile and crocidolite asbestos in rats after inhalation exposure for 24 months. In: Toxic and Carcinogenic Effects of Solid Particles in the Respiratory Tract, ILSI Press, Washington, DC., 1994.
16. Wagner, B.M., Burt, B.A., Cantor, K.P., Krewski, D., Levy, S.M., McConnell, E.E., and Whitford, G.M. Health Effects of Ingested Fluoride, Committee on Toxicology, National Research Council, National Academy Press, 1993.
17. Hesterberg, Müller, W.C., McConnell, E.E., Bernstein, D.M., Thevenaz, P. and Anderson, R. Chronic Inhalation Toxicity of Man-made Vitreous Fibers: Relationship to Lung Burden and Lung Retention. In: Toxic and Carcinogenic Effects of Solid Particles in the Respiratory Tract, ILSI Press, Washington, DC., 1994.
18. McConnell, E.E., Greaves, I., Kimmel, C.A., Kodell, R.L., Koller L. Medinsky, M. and Wolven-Garret, A. Health Effects of Permethrin-Impregnated Army Battle-Dress Uniforms, Committee on Toxicology, National Research Council, National Academy Press, 1994.
19. McConnell, E.E. and Swenberg, J.A. Review of Styrene and Styrene Oxide : Long-term Animal Studies. Crit. Rev. Toxicol., 24:S49-S55, 1994.
20. McConnell, E.E., Response to theses and questions submitted by Federal Health Office to the invited experts at the hearing on man-made mineral fibres, Berlin 9/10 December 1993. Excerpt in Krebsgefährdung durch künstliche Mineralfasern, (Ed. M. Fisher), pp.63-65, Bga-Schriften 94,4, MMV, Medizin-Verl., München, Germany.
21. Finn, W.F., Hemstreet III, G.P., Allen, B.C., Anderson, R.L., Berndt, W.O., Epstein, F.H., Foulkes, E.C., Fowler, B., Gottschalk, C.W., McConnell, E.E., Noble, B., Parker, J.C. and Porter, G.A. Biologic Markers in Urinary Toxicology, Board on Environmental Studies and Toxicology, National Research Council, National Academy Press, 1995.
22. Lippmann, M., Chiazze, L., Coultas, D.B., Driscoll, K.E., Kane, A.B., Lockey, J.E., McConnell, E.e., Oberdorster, G., Rhomberg, L.R., Utell, M., and Warheit, D.B. Review of the U.S. Navy's Exposure Standard for Manufactured Vitreous Fibers. Board on Environmental Studies and Toxicology, National Research Council, National Academy Press, 2000.

Book Chapters, Published Symposia, Reviews: (Submitted/in press)

Abstracts, Letters to Editor:

1. Van Stee, E.W., McConnell, E.E., Patel, J.A. and Hamlin, R.L.: The inhalation toxicity of the refrigerant, chlorodifluoromethane (F-22). Proceedings First International Congress on Toxicology. Academic Press, New York, p. 602, 1978.
2. Kimmel, C.A., Grant, L.D., Fowler, B.A., McConnell, E.E. and Woods, J.S.: An integrated approach to the assessment of chronic lead toxicity. Proceedings First International Congress on Toxicology. Academic Press, New York, p. 573, 1978.
3. McConnell, E.E. and Moore, J.A.: The comparative toxicity of chlorinated dibenzo-p-dioxin isomers in mice, guinea pigs. Toxicol. Appl. Pharmacol. 37:146, 1976.
4. McConnell, E.E., Moore, J.A., Harris, M.W. and Haseman, J.D.: The toxicity of chlorinated dibenzo-p-dioxin in mice and guinea pigs and rhesus monkeys. Environ. Health Persp. 20:245, 1977.

5. Thigpen, J.E., McConnell, E.E., Moore, J.A. and Faith, R.E.: Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on host resistance to infectious agents. Environ. Health Persp. 20:245, 1977.
6. McConnell, E.E. and McKinney, J.D.: Exquisite toxicity in the guinea pig to structurally similar halogenated dioxins, furans, biphenyls and naphthalenes. Toxicol. Appl. Pharmacol. 45:298, 1978.
7. Moore, J.A., Luster, M.I., Gupta, B.N. and McConnell, E.E.: Toxicological and immunological effects of a commercial polybrominated biphenyl mixture. Toxicol. Appl. Pharmacol. 45:176, 1978.
8. McConnell, E.E. and Moore, J.A.: Toxicopathology characteristics of the halogenated aromatics. 45th Meeting of the Interagency Collaborative Group on Environmental Carcinogenesis. National Cancer Institute, May 23, 1979, Bethesda, MD.
9. Boorman, G.A., McConnell, E.E., Cockrell, B.Y., Drew, R.T., Stone, C.J., Haseman, J.K. and Moore, J.A.: The comparative effects of an animals age at time of exposure and exposure duration on vinyl chloride carcinogenesis. Federation of American Societies for Experimental Biology, Anaheim, CA, April 13-18, 1980.
10. McKinney, J.D. and McConnell, E.E.: Structural specificity and the dioxin receptor. Workshop on Impact of Chlorinated Dioxins and Related Compounds on the Environment, Rome, Italy, October 22-24, 1980.
11. McConnell, E.E. and Shoaf, C.R. (1981) Studies of the mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) toxicity-lipid assimilation. I. Morphology. Pharmacologist, 23:176.
12. McConnell, E.E.: Histopathology workload in carcinogenesis bioassays. How much is necessary? The Toxicology Forum, Washington, DC, 1983.
13. McConnell, E.E.: Proliferative lesions of the exocrine pancreas in male F344 rats - the effect of corn oil. The Toxicology Forum, Washington, DC, 1983.
14. Solleveld, H.A., Haseman, J.K. and McConnell, E.E.: Lifespan on two-year studies for carcinogen testing: An easy choice when using the Fischer 344 rat as a test animal. American College of Veterinary Pathologists, San Antonio, TX, 1983.
15. McConnell, E.E., Harris, M.W., Harvan, D.J., Albro, P.W. and Hass, J.R.: Studies on the bioavailability in guinea pigs of dioxin in soil. Society of Toxicology, Atlanta, GA, 1984.
16. Solleveld, H.A. and McConnell, E.E.: Time-age associations in experimental oncogenesis. Third International Symposium of the Society of Toxicologic Pathologists, Arlington, VA, 1984.
17. McConnell, E.E.: Quality and the National Toxicology Program. NTP - Industry Joint Conference on Managing Conduct and Data Quality of Toxicology Studies, Raleigh NC, 1985.
18. McConnell, E.E.: Guidelines for Combining Neoplasms for Evaluation of Rodent Carcinogenesis Studies. International Life Sciences Institute Histopathology Seminar, Hanover, Germany, 1985.
19. Adkins Jr., B., McConnell, E.E.: Inhalation Carcinogenesis Study of Wollastonite in Rats. Second U.S.-Dutch International Symposium: Aerosols, Williamsburg, Virginia, 1985.
20. McConnell, E.E.: Options for Aggregation of Incidence Data. Interdisciplinary Discussion Group on Carcinogenicity Studies, Chapel Hill, North Carolina, 1986.
21. McConnell, E.E.: Fiber Toxicity: Beyond the Stanton Hypothesis. American Society of Mining Engineers, Phoenix, Arizona, 1988.

22. McConnell, E.E., Hejtmancik, M., Peters, A.C., Persing, R. Chronic Toxicity of Pentachlorophenol. Ann. Meet., Soc. Toxicol., Atlanta, GA., 1989.
23. Adkins, B., McConnell, E.E., Hall, L. Carcinogenicity Studies of Wollastonite in Rats. Ann. Meet., Soc. Toxicol., Atlanta, GA., 1989.
24. McConnell, E.E., Haseman, J.A. and Boorman, G.A.: Proliferative Lesions of the Thyroid Gland: A Review of the National Toxicology Program Data Base. Ann. Meet., Soc. Toxicol., Maimi, FL., 1990.
25. McConnell, E.E. Comparative Responses in Carcinogenic Bioassays as a Function of Age at First Exposure. in Similarities and Differences Between Children and Adults: Implications for Risk Assessment, ILSI/RSI, Hunt Valley, MD, November, 1990.
26. Hesterberg, T.W., Mast, R., McConnell, E.E., Vogel, O., Chevalier, J., Bernstein, D.M. and Anderson, R. Chronic Inhalation Toxicity and Oncogenicity Study of Refractory Ceramic Fibers (RCF) in Fischer 344 Rats. Ann. Meet., Soc. Toxicol., Dallas, TX, 1991 also The Toxicologist 11:85 (254), 1990.
27. McConnell, E.E., Hesterberg, T.W., Hadley, J.G., Bernstein, D.M. and Mast, R.W. A Comparison of the Effects of Chrysotile and Crocidolite Asbestos in Rats After Inhalation for 10 Months. Ann. Meet., Soc. Toxicol., Seattle, WA, 1992, also The Toxicologist 12:90 (274), 1992.
28. Glass, L.R., Mast, R.W., Hesterberg, T.W., Anderson, R. and McConnell, E.E. Inhalation Oncogenicity Study of Refractory Ceramic Fiber (RCF) in Rats -- Final Results. Ann. Meet., Soc. Toxicol., Seattle, WA, 1992, also The Toxicologist 12:377 (1477), 1992.
29. Mast, R.W., McConnell, E.E., Glass, L.R., Hesterberg, T.H., Anderson, R. and Bernstein, D.M. Inhalation Oncogenicity Study of Kaolin Refractory Ceramic Fiber (RCF) -- Final Results. Ann. Meet., Soc. Toxicol., Seattle, WA, 1992, also The Toxicologist 12:377 (1478), 1992.
30. McConnell, E.E., Chevalier, J., Hesterberg, T.W., Hadley, J.G., and Mast, R.W. A Comparison of the Effects of Chrysotile and Crocidolite Asbestos in Rats after Inhalation. in Toxicologic and Carcinogenic Effects of Solid Particles in the Respiratory Tract. 4th International Inhalation Symposium, Hannover, Germany, 3 March 1993.
31. Hesterberg, T.W., Miiller, W.C., McConnell, E.E., Hadley, J.G., Bernstein, D.M., Thevenaz, P. and Anderson, R. Chronic Inhalation Toxicity of Fibrous Glass in Rats. in Toxicologic and Carcinogenic Effects of Solid Particles in the Respiratory Tract. 4th International Inhalation Symposium, Hannover, Germany, 3 March 1993.
32. Mast, R.W., Glass, L.R., McConnell, E.E., Hesterberg, T.W., and Anderson, R. Chronic Inhalation, Intratracheal and Biopersistence Studies of Refractory Ceramic Fibers. in Toxicologic and Carcinogenic Effects of Solid Particles in the Respiratory Tract. 4th International Inhalation Symposium, Hannover, Germany, 3 March 1993.
33. Mast, R.W., McConnell, E.E., Glass, L.R. and Hesterberg, T.W. A Multiple Dose Chronic Inhalation toxicity Study of Kaolin Refractory Ceramic Fiber (RCF) in Male Fischer 344 Rats. The Toxicologist 13:43 (63), 1993.
34. McConnell, E.E., Hesterberg, T.W., Hadley, J.G., and Mast, R.W. A Comparison of the Effects of Chrysotile and Crocidolite Asbestos in Rats after Inhalation - 24 Month Results. The Toxicologist 13:43 (67), 1993.
35. Mayes, B.A., Neal, J.H., Peters, A.C., Hamilton, S.B., McConnell, E.E. and Moore, J.A. Chronic Toxicity of Aroclor Mixtures Administered in the Diet to Sprague-Dawkey Rats for Six Months. The Toxicologist 14:371 (1458), 1994.
36. Hadley, J.G., McConnell, E.E. and Johnson, N.F. Fiber Inhalation Studies, Lung Burdens and Biological Responses. The Toxicologist 14:420 (1665), 1994.

37. McConnell, E.E., Hesterberg, T.W., Hadley, J.G. and Musselman, R. A Comparison of the Effects of Chrysotile and Crocidolite Asbestos in the Lungs of Rats after Inhalation. The Toxicologist 14:42i (1666), 1994.
38. Mayes, B.A., Neal, B.H., Peters, A.C., Hamilton, S.B., McConnell, E.E. and Moore, J.A. Chronic toxicity of Aroclor mixtures administered in the diet to Sprague-Dawley rats for twelve months. The Toxicologies, 1995.
39. McConnell, E.E. Letter to Editor: Cambelova and Juck. Occup. Environ. Med., 52:1995.
40. Hesterberg, T.W., McConnell, E.E., Miiller, W.C., Chevalier, J., Everitt, J., Thevenaz, P., Fleissner, H., and Oberdorster, G. Estimating the Maximum Tolerated Dose (MTD) for a Fiber Chronic Inhalation Study in Rodents. The Toxicologist, 30:#91, 1996.
41. McConnell, E.E. Commentary on "Fibrous Glass and Lung Cancer", Am. J. Ind. Med., 1996.
42. Hesterberg, T.W., McConnell, E.E., Miiller, W.C., Chevalier, J., Everitt, J., Thevenaz, P., and Oberdorster, G. "Inhalation Toxicity of Synthetic Vitreous Fibers Compared to Amosite Asbestos in the Hamster", (scheduled for Sept. 1996).
43. McConnell, E.E. "Commentary on "Fibrous Glass and Lung Cancer", Am. J. Ind. Med., 30:111-112, 1996.
44. McConnell, E.E., Miiller, W., Hesterberg, T.W., Thevenaz, P. and Axten, C. A comparison of the effects of chrysotile and amosite asbestos in hamsters after inhalation: Interim results. The Toxicologist, 36:6 (33), 1997.
45. Hesterberg, T.W., McConnell, E.E., Miiller, W., Chevalier, J., Everitt, J., Thevenaz, P., Fleissner, H., Hart, G. and Oberdorster, G. Subchronic inhalation study of fibrous glass in the Syrian golden hamster. The Toxicologist, 36:6 (35), 1997.
46. Mayes, B.A., Neal, B.H., Peters, A.C., Brown, J. F., Hamilton, S.B., McConnell, E.E. and Moore, J.A. Tumor responses in Sprague-Dawley rats fed Arochlors 1016, 1042 1254 and 1260 for two years. The Toxicologist, 36:158 (804), 1997.
47. McConnell, E.E., Miiller, W., Hesterberg, T.W., Thevenaz, P. and Axten, C. A comparison of the oncogenic effects of various types of asbestos in rodents after lifetime inhalation. The Toxicologist, 42:177 (876), 1998.
48. Hesterberg, T.W., Axten, C., Hadley, J., McConnell, E.E., Miiller, W., Chevalier, J., Everitt, J., Thevenaz, P. and Oberdorster, G. Estimating the maximum tolerated dose of fiber glass for a chronic inhalation study using Syran golden hamsters. The Toxicologist, 42:177 (877), 1998.
49. Axten, C., McConnell, E.E., Hesterberg, T.W., Hadley, J.G., Miiler, W., Thevenaz, P. and Chevalier, J. Chronic inhalation toxicity of two types of fobrous glass and amosite asbestos asbestos in Syrian golden hamsters. The Toxicologist, 42:177 (880), 1998.
50. Kamstrup, O., Davis, J.M.G., Ellenhauge, A. and Guldborg, M. Pathogenicity of man-made vitreous fibers after long-term inhalation. The Toxicologist, 48(1-S), 1999.
51. McConnell, E.E. Use of the rodent diaphragm and thoracic wall to determine transpleural migration of fibers after inhalation exposure. 7th International Symposium on Particle Toxicology. Maastricht, The Netherlands. 13-15 October 1999.
52. McConnell, E.E. A comparison of pleural mesotheliomas induced by asbestos and SV-40 virus in Syrian golden hamsters. 7th International Symposium on Particle Toxicology. Maastricht, The Netherlands. 13-15 October 1999.

53. McConnell, E.E. A Science-based Approach to the Classification of Synthetic Vitreous Fibers. #FP 44, 26th International Congress on Occupational Health, Singapore, 27-1 September 2000.

Oral Presentation/Invited Lectures:

1. "Lymphosarcoma in Domestic Animals," Armed Forces Institute of Pathology, Washington, DC, March 1966.
2. "The Clinician and Pathologist," South Africa VMA (WITS) Congress, May 1970.
3. "Experiences with Animals at the Kruger National Park," Veterinary Faculty, Onderstepoort, September 1970.
4. "The Role of a Veterinarian in the U.S. Air Force," Eastern Transvaal Veterinary Medical Association, Pietersburg, October 1970.
5. "Anthrax in an African Buffalo from the Kruger National Park," Congress of the South African VMA, September 1971.
6. "Respiratory Acariasis in Chacma Baboons," Science Week-1972, WITS University, Johannesburg, June 1972.
7. "Pathological Observations in 100 Baboons from the Kruger National Park," Veterinary Faculty and Staff of the Veterinary Research Institute, Onderstepoort, July 1972.
8. "Lesions in Free-Ranging Baboons," Pathology of the Diseases of Laboratory Animals, Armed Forces Institute of Pathology, September 1972.
9. "Lesions Found in Animals Exposed to Coal Tar Aerosols," 4th Annual Conference on Environmental Toxicology, Wright-Patterson AFB, September 1973.
10. "Anthrax in an African Buffalo," American College of Veterinary Pathologists Annual Meeting, San Antonio, TX, December 1973.
11. "The Comparative Toxicity of Chlorinated Dibenzo-p-dioxin Isomers in Mice and Guinea Pigs," Society of Toxicology Annual Meeting, Atlanta, GA, March 1976.
12. "The Toxicopathology of TCDD," Workshop on TCDD, Milan, Italy, October 1976.
13. "Toxicological Research Programs at the National Institute of Environmental Health Sciences," University of California, Davis, October 1977.
14. "Training of Comparative Pathologists for a Career in Toxicology," University of California, Davis, October 1977.
15. "Exquisite Toxicity in the Guinea Pig to Structurally Similar Halogenated Dioxins, Furans, Biphenyls and Naphthalenes," 17th Annual Meeting, Society of Toxicology, San Francisco, CA, March 1978.
16. "Toxicopathology Characteristics of Halogenated Aromatics," Science Week, New York Academy of Sciences, New York, NY, June 1978.
17. "Pathology and Toxicology of Chlorodibenzodioxins in Laboratory Animals," Ohio State University, Columbus, OH, May 1979.
18. "Chronic Toxicity of Technical and Analytical Grade Pentachlorophenol in Cattle," Ohio State University, Columbus, OH, May 1979.

19. "Comparative Toxicity of Related Halogenated Hydrocarbons," Armed Forces Institute of Pathology, Washington, DC, May 1979.
20. "The Toxicology of Dibenzofurans and Dibenzodioxins," 45th Meeting of the Interagency Collaborative Group on Environmental Carcinogenesis, National Cancer Institute, Bethesda, MD, May 1979.
21. "Comparative Toxicity of Technical and Analytical Pentachlorophenol in Cattle," NIEHS Science Fair, North Carolina State University, Raleigh, NC, June 1979.
22. "The Lesions Induced by Related Halogenated Aromatics in Various Species of Animals," 1979 Wildlife Disease Association Meeting, University of Oklahoma, Norman, OK, August 1979.
23. "Essentials of Routine Pathotoxicology Evaluation," Consensus Development of Immunotoxicology Meeting, NIEHS, Research Triangle Park, NC, November 1979.
24. "Toxicopathological Syndrome Induced by Related Halogenated Polycyclic Hydrocarbons," Ohio Agricultural Research and Development Center, Wooster, OH, August 1980.
25. "The National Toxicology Program," Conservative Trends in Laboratory Animal Science, Eighth Annual District IV AALAS Seminar, Raleigh, NC, March 1981.
26. "NTP Testing Results with Emphasis on Bioassays of DEHP, DEHA and Butyl Benzyl Phthalate," Phthalate Ester Conference, Washington, DC, June 1981.
27. "Effects of Subchronic Chlordecone Exposure on the Fertility of Female Rats," North Carolina Chapter of the Society of Toxicology, Research Triangle Park, NC, January 1982.
28. "Evaluation of Pathology Requirements," Third Annual Meeting of the American College of Toxicology, Washington, DC, December 1982.
29. "NIEHS Asbestos Feeding Study - Hamsters and Rats," Summary Workshop on Ingested Asbestos, USEPA, Cincinnati, OH, November 1982.
30. "Histopathology Workload in Carcinogenesis Bioassays - How much is necessary?" The Toxicology Forum Annual Winter Meeting, Arlington, VA, February 1983.
31. "Proliferative Lesions of the Exocrine Pancreas in Male F344 Rats - The Effect of Corn Oil," The Toxicology Forum 1983 Annual Winter Meeting, Arlington, VA, February 1983.
32. "Toxic Oil Syndrome," WHO Meeting, Madrid, Spain, March 1983.
33. "An Improved Protocol for Bioassay Studies," 2nd International Symposium of the Society of Toxicologic Pathologists, Crystal City, VA, May 1983.
34. "Chronic Toxicity of PCBs and Related Compounds in Various Animal Species," CCERP Conference on Potential Health Effects of Polychlorinated Biphenyls and Related Persistent Halogenated Hydrocarbons, NIEHS, Research Triangle Park, NC, September 1983.
35. "Toxicity of PCBs, Polychlorinated Dibenzofurans and Dibenzodioxins," International Workshop on Occupational Hazards Caused by Polychlorinated Biphenyls (PCBs) and Chlorobenzenes in Capacitors and Transformers, Espoo, Finland, September 1983.
36. "Dioxins in the Environment," Human Health and Toxicity Workshop, Michigan State University, East Lansing, MI, December 1983.

37. "Toxic and Carcinogenic Responses in Experimental Animals Administered Dibenzo-p-dioxins and Dibenzofurans," Federation of American Societies for Experimental Biology, St. Louis, MO, April 1984.
38. "Lesions in Animals Exposed to EDB," North Carolina Chapter of the Society of Toxicology Spring Meeting, Durham, NC, April 1984.
39. "Studies on the Bioavailability in Guinea Pigs of Dioxin in Soil," Society of Toxicology Meeting, Atlanta, GA, March 1984.
40. "NTP Program Update," European Toxicology Forum, Geneva Switzerland, September 1984.
41. "The Response of NTP to the Recommendations of the Ad Hoc Panel," 15th Conference on Environmental Toxicology, Dayton, Ohio, October 1984.
42. "National Toxicology Program Status and New Initiatives," The Toxicology Forum 1985 Annual Winter Meeting, Washington, D.C., February 1985.
43. "Relevant Non-Statistical Bioassay Issues," Symposium on long-term Animal Carcinogenicity Studies: A Statistical Perspective, American Statistical Association, Washington, D.C., March 1985.
44. "The Short and Long Term Health and Environmental Impacts," Conference on the Implications of the Bhopal Tragedy, The Workers Policy Project, Newark, New Jersey, March 1985.
45. "Ad Hoc Report on Chemical Carcinogenesis Testing and Evaluation," Environmental Health Seminar, University of Cincinnati, Ohio, May 1985.
46. "Challenges and Opportunities for Pathologists in the National Toxicology Program," ILSI Histopathology Seminar on the Reproductive System of Laboratory Animals, Hanover, Germany, September 1985.
47. "The Justification for Combining Benign and Malignant Tumors (or Not Combining Them) in Statistical Analysis Lesions in the Rat," ILSI Histopathology Seminar on the Reproductive System of Laboratory Animals, Hanover, Germany, September 1985.
48. "Methyl Isocyanate - Preliminary Study Results," ILSI Histopathology Seminar on the Reproductive System of Laboratory Animals, Hanover, Germany, September 1985.
49. "Overview of the National Toxicology Program in the United States and Findings in Selected Studies," C.L. Davis Sixth Annual Symposium, Cheshire, England, September 1985.
50. "Carcinogenesis Studies Results from the U.S. National Toxicology Program and the U.S. National Cancer Institute: 1976-1985," Collegium Ramazzini, Living in a Chemical World, Bologna, Italy, October 1985.
51. "Methylene Chloride, Methylchloroform and Trichloroethylene," Collegium Ramazzini, Living in a Chemical World, Bologna, Italy, October 1985.
52. "Liver Foci Formation During Aflatoxin Carcinogenesis in Rat: A Quantitative Study," Collegium Ramazzini, Living in a Chemical World, Bologna, Italy, October 1985.
53. "The Toxicity of Methyl Isocyanate in Rats and Mice," New Delhi and Madras, India, February 1986.
54. "Response to the Integration of Recommendations of the Ad Hoc Panel on Carcinogenesis Testing and Evaluation," Society of Toxicology Annual Meeting, New Orleans, La., 1986.
55. "NTP Strategy for Combining Neoplasms for Evaluation of Carcinogenesis Studies," Office of Pesticides & Toxic Substances Seminar Program, EPA, Washington, D.C., April 1986.

56. "Environmental Toxicology in the Mid-Eighties: Interfacing with the Toxicologist," FASEB 70th Annual Meeting, St. Louis, Missouri, April 1986.
57. "NTP's Response to the Ad Hoc Panel Recommendations," FEMA Annual Meeting, Palm Beach, Florida, April 1986.
58. "Studies on the Toxicity of Methyl Isocyanate, the Chemical Responsible for the Bhopal Disaster," North Carolina State University Microbiology Seminar Series, Raleigh, North Carolina, April 1986.
59. "Options for Aggregation of Incidence Data," Interdisciplinary Discussion Group on Carcinogenicity Studies (ILSI NF), Chapel Hill, North Carolina, June 1986.
60. "NTP Evaluation of Experimental Studies," The Toxicology Forum 1986 Annual Summer Meeting, Aspen, Colorado, July 1986.
61. "NTP Response to the Report of the Ad Hoc Panel on Chemical Carcinogenesis Testing and Evaluation," The Toxicology Forum 1986 Annual Summer Meeting, Aspen, Colorado, July 1986.
62. "Inhalation Study of Wollastonite in Rats," SAE's 4th Annual Colloquium on Brakes, Atlantic City, NJ, October, 1986.
63. "Considerations in Determining the Estimated Maximum Tolerated Dose," Pharmaceutical Manufacturers' Association Drug Safety Subsection meeting, Nashville, TN, November, 1986.
64. "Current Status of the Issue of Maximum Tolerated Dose (MTD) within the U.S. National Toxicology Program," 26th Annual Meeting of the Society of Toxicology, Washington, D.C., February, 1987.
65. "Federal Perceptions of Board Certification," Spring Meeting and Reception for Members of Association of Government Toxicologists, Bethesda, MD, May, 1987.
66. "Gavage Studies in Mice and Rats," Paradichlorobenzene Symposium (Sponsored by CIIT and Chlorobenzene Producers Association), Washington, D.C., July 1987.
67. "NTP Database," Meeting of the Ad Hoc Working Group on Carcinogenicity Testing, Washington, D.C., July 1987.
68. Rapporteur at Mouse Liver and Rat Kidney Tumors Workshop, EPA Science Advisory Board, Environmental Health Committee and Halogenated Organics Subcommittee, Washington, D.C., August 1987.
69. "Toxicology Learned the Hard Way," Principles of Toxicology, Boston Univ., August, 1988.
70. "Mouse Liver Tumors: The Problem," Mouse Liver Carcinogenesis Conference, Austin, TX, November, 1988.
71. "Biology Issues in the Statistical Evaluation of Rodent Carcinogenicity Studies," Course on Biostatistics, International Agency for Research on Cancer, Lyon, France, December, 1988.
72. "Pitfalls in Carcinogenesis Testing," North Carolina State University, Graduate Course VMS 643 "Rodent Toxicologic Pathology", December, 1988.
73. "Maximum Tolerated Dose: The Debate," Brookings Institute, Washington, D.C., May, 1989 and Research Triangle Chapter, Society for Risk Analysis, Research Triangle Park, NC, May, 1989.
74. "The Search for Adequate Bioassay Data: Crude Biology Versus Statistics," Trace Substances in Environmental Health, Annual Meeting of the Society for Environmental Geochemistry and Health, Cincinnati, OH, May, 1989.

75. "Animal Bioassays: Using Protocols and Interpreting Results," Regional Risk Assessment Workshops, Workshop 1, Chicago, IL, June, 1989; Atlanta, GA, December 1989.
76. "Target Organ Toxicity in Carcinogenesis," Annual Summer Toxicology Forum, Aspen, CO, July, 1989.
77. "Toxicity Testing and Evaluation - Practical Considerations," International Training Workshop on Risk Assessment and Management, Chulabhorn Research Institute, Bangkok, Thailand, December 1989.
78. "Update on the Search for Adequate Bioassay Data: Crude Biology Versus Statistics," Annual Meeting of the Society of Toxicology, Miami, FL, February, 1990.
79. "Biological Effects of Dietary Restriction: An International Conference", Washington, D.C., March 1990.
80. "Principles of Route-to-Route Extrapolation," (Rapporteur), Hilton Head, SC, March 1990.
81. "Molecular Mechanisms of Fiber Cytotoxicity and Carcinogenesis," Banbury Center, Cold Spring Harbor Laboratory, NY, March 1990.
82. "NTP Carcinogens - Interpretational Problems," International Workshop: Early Indicators of Non-genotoxic Carcinogenesis, World Health Organization, Brussels, Belgium, June 1990.
83. "Principles of Carcinogenesis," School of Pharmacy, Campbell University, Buies Creek, NC, October, 1990.
84. "Comparative Responses in Carcinogenesis Bioassays as a Function of Age at First Exposure," Similarities and Differences Between Children and Adults: Implications for Risk Assessment, ILSI/RSI, Hunt Valley, MD, November, 1990.
85. "Ethylene Thiourea: A Case Study," Similarities and Differences Between Children and Adults: Implications for Risk Assessment, ILSI/RSI, Hunt Valley, MD, November 1990.
86. "Problems and Considerations in the Design and Interpretation of Rodent Carcinogenesis Studies", Lectures as part of "Toxicologic Pathology" course, VMS 643, College of Veterinary Medicine, NCSU, December, 1990.
87. "Toxicologic Studies", Man-made Mineral Fibers: Status of Health Risk Assessment", Johns Hopkins University, March, 1991.
88. "Fiber Toxicity - Background and Historical Perspective", Society of Toxicologic Pathologists, Research Triangle Park, May 1991.
89. "Animal Bioassay Issues/Use of QRA", International Society of Regulatory Toxicology and Pharmacology workshop "A Review of Risk Assessment and OMB's Report on its Application in Regulatory Agencies", Crystal City, VA, June 1991.
90. "The Design, Conduct and Interpretation of Fiber Toxicity Studies", A. L. Bortree Lecture Series, Veterinary Science Dept., Pennsylvania State University, PA, September 1991.
91. "Fiber Toxicology in Experimental Animals: Results of Studies with Natural and Man-Made Mineral Fibers", Intramural Fiber Research Workshop, National Institute for Occupational Safety and Health, Morgantown, WVA, September 1991.
92. "Conduct and Interpretation of Inhalation Studies of the Toxicity and Carcinogenicity of Man-Made Fibers", Workshop: Approaches to Evaluating the Toxicity and Carcinogenicity of Man-Made Fibers. Durham, NC, November 1991.

93. "Man-Made Fibers: Review of Toxicology Data", '92 Annual Toxicology Forum, Washington, D.C., February 1992.
94. Invited testimony before the German MAK Commission on MMVF's. Munich, Germany, May 1992.
95. "Man-Made Fibres: Validity of Methods for Assessment of Carcinogenicity of Fibres", WHO Regional Office for Europe, Copenhagen, 19-20 May, 1992.
96. "Evaluation of Reduced Protocols for Carcinogenicity Testing of Chemicals", EPA, Washington, DC, 22-23 Sept 1992.
97. "Comparative Pathology of Chrysotile and Crocidolite Asbestos", TIMA/NAIMA Fiber Science Workshop, St. Petersburg, FL, 20 Jan 1993.
98. "Relationship Between Pulmonary Fibrosis and Cancer", TIMA/NAIMA Fiber Science Workshop, St. Petersburg, FL, 20 Jan 1993.
99. "The Toxicologic Pathologist in 2000 A.D.: Needs for Industry, Government and Academia", Role of Toxicologic Pathology in Safety Assessment. National Academy of Science, Washington, DC, 10 Feb 1993.
100. "A Comparison of the Effects of Chrysotile and Crocidolite Asbestos in Rats after Inhalation", Toxicologic and Carcinogenic Effects of Solid Particles in the Respiratory Tract. 4th International Inhalation Symposium, Hannover, Germany, 3 March 1993.
101. "Styrene/styrene oxide - Results of animal carcinogenicity studies", International Symposium on Health Hazards of Butadiene and Styrene, Helsinki, Finland, 21 April 1993.
102. "The Impact of Toxicity Studies in the Regulatory Process", Dept. of Toxicology Seminar Series, Michigan State University, 3 June 1993.
103. "The Toxicopathology of Inhaled Fibers", Department of Pathology, Michigan State University, 3 June 1993.
104. "Peer Review in Carcinogenicity Bioassays - Uses/Abuses", Society of Toxicologic Pathologists 12th International Symposium, Alexandria, VA, 28 June 1993.
105. McConnell, E.E., Kamstrup, O., Musselman, R., Hesterberg, T.W., Chevalier, J. and Thevenaz, P. Chronic Inhalation Study of Size-separated Man-made Vitreous Fibers in Fischer 344/N Rats. 24th International Congress on Occupational Health, Nice, France, 30 October 1993.
106. McConnell, E.E. Invited expert testimony before the German Ministry of the Environment on MMVF's. Berlin, Germany, 9-10 December 1993.
107. McConnell, E.E. "Fiber-induced pathology in experimental animals. Physiology and Cell Biology Conference, University of Rochester Pulmonary and Critical Care Unit, 20 December 1993.
108. McConnell, E.E. "Talc: Consumer Uses and Health Perspectives" Panel Discussant, International Society of Regulatory Toxicology and Pharmacology, Bethesda, MD, 31 Jan - 1 Feb 1994.
109. McConnell, E.E. "Advantages and limits of in vivo screening tests", Assessment of Toxicity of Man-made Fibres, Paris, France, 3 Feb. 1994.
110. McConnell, E.E. "Inhalation Studies: Methodologies Used and Current Studies", Symposium on Synthetic Vitreous Fibers: Scientific and Public Policy Issues. Crystal City, VA, 2-3 March 1994.

111. McConnell, E.E. "Historical Review of the Bioassay and Future Directions", Design and Interpretation of Animal Carcinogenicity Studies, Great Lakes Discussion Group of the Society of Toxicologic Pathologists, Cincinnati, OH, 24 March 1994.
112. McConnell, E.E. Panel member "Workshop on Data Needs for Cancer Risk Assessment of MTBE", Baltimore, MD, 4 March 1995.
113. McConnell, E.E. "Maximum Tolerated Dose versus Lung Burden: A Pathologists Point of View", Particle Overload in the Rat Lung: Relevance for Human Risk Assessment. MIT Toxicology Symposium, Cambridge, MA, 29-30 March 1995.
114. "Dose Selection in Inhalation Studies", U.S. EPA Workshop, Chapel Hill, NC, 9-10 May 1995.
115. "U.S. EPA Science Advisory Board Dioxin Reassessment Review", Herndon, VA, 15-16 May 1995.
116. "FIFRA SAP Review, Chairman, Aquatic Risk Assessment and Mitigation, Crystal City, VA, 17 July 1995.
117. "EUROTOX-SOT DEBATE "Dose Setting for Carcinogenicity Studies Should be Based on the Maximum Tolerated Dose", Prague, Czech Republic, 29 Aug 1995 and Anaheim, CA 12 March 1996.
118. "Results of Life-time Inhalation Studies of Glass, Mineral and Slag Wools and Refractory Ceramic Fibres in Rodents", Symposium on the Health Effects of Fibrous Materials (excluding asbestos) Used in Industry, Sydney, Australia, 30-31 October, 1995.
119. "The Rodent Bioassay in Perspective", 10th International Conference on Carcinogenesis & Risk Assessment, Austin, TX, 4 December 1996.
120. McConnell, E.E., Miiller, W., Hesterberg, T.W., Thevenaz, P. and Axten, C. A comparison of the effects of chrysotile and amosite asbestos in hamsters after inhalation: Interim results. Society of Toxicology Annual Meeting, Cincinnati, OH, 1997.
121. McConnell, E.E. Selecting Doses for Chronic Rodent Bioassays. Brookings Institution. Washington, D.C. 3 April 1997.
122. McConnell, E.E. Regulatory Toxicology: lecture for "Principles of Pharmacology", Medical College of Virginia, 28 April, 1997.
123. McClain, M. and McConnell, E.E. "Workshop on Screening Methods for Endocrine Disruptors in the Thyroid Function: Thyroid Histopathology and Serum Hormone Analysis" Duke University, Durham, NC, 24 June 1997.
124. McConnell, E.E. Update on the 10X Childrens Safety Factor. Pesticide Program Dialogue Committee, Alexandria, VA 16 April 1998.
125. McConnell, E.E. Cancer and Non-Cancer Responses to Inhaled Fibers, Validity of Animal Models for Human Respiratory Diseases. Lovelace Respiratory Research Insititute symposium, Santa Fe, NM, 29 September 1998.
126. McConnell, E.E. A Science-based Paradigm for the Classification of Synthetic Vitreous Fibers. 7th International Symposium on Particle Toxicology. Maastricht, The Netherlands. 13-15 October 1999.
127. McConnell, E.E. Similarities and Dissimilarities of Mesotheliomas Induced by Asbestos and SV40. Experimental Pathology Branch, National Institute of Environmental Health Sciences (NIH), RTP, NC. 27 October 1999.
128. McConnell, E.E. A Comparison of Asbestos and Simian Virus 40 Induced Mesotheliomas in Animals. Defense Research Institute's 20th Annual Asbestos Medicine Meeting, Las Vegas, NV. 12 November 1999.

129. McConnell, E.E. A Science-based Approach to the Classification of Synthetic Vitreous Fibers. 26th International Congress on Occupational Health, Singapore, 30 August 2000.
130. McConnell, E.E. Foot and Mouth Disease: A Review Lesions. North Carolina State University, April, 2001 and National Institute of Environmental Health Sciences, NIH, 6 June 2001.
131. McConnell, E.E. Animal Cancer Studies of Sodium Nitrite: Historical Review and Recent National Toxicology Program Bioassay Results. Institute of Food Technologists annual meeting, New Orleans, LA, 24 June 2001.