

CURRICULUM VITAE

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Education:

1958-1964 M.B., B.S. (with Honors) University of Sydney, Australia

1970-1975 M.S. Environmental Health, University of Cincinnati, College of Medicine

Postgraduate Training and Fellowship Appointments

1964-1965 Junior and Senior Resident, Royal Prince Alfred Hospital, Sydney.

1968. Resident Medical Officer, (Internal Medicine) Repatriation General Hospital, Concord, NSW.

1969. Resident Medical Officer (Dermatology), Repatriation General Hospital, Concord, NSW.

1970 Post-doctoral Fellow in Environmental Dermatology, and resident in Occupational Medicine, Department of Environmental Health, University of Cincinnati, Cincinnati, Ohio.

Faculty Appointments

1971-1975 Assistant Professor of Environmental Health, University of Cincinnati, College of

- Medicine, Cincinnati, Ohio. (and Clinical Fellow 1971-1972)
- 1975-1978 Associate Professor of Medicine and Dermatology, University of Cincinnati, College of Medicine, Cincinnati, Ohio.
- 1975-1978 Associate Professor of Environmental Health, University of Cincinnati, College of Medicine, Cincinnati, Ohio.
- 1978-1988 Professor of Occupational Medicine, and Director Center for Occupational and Environmental Health. The Johns Hopkins, School of Hygiene and Public Health (with joint appointments in Medicine and Dermatology, The Johns Hopkins School of Medicine).
- 1990-1996 Professor, The University of Sydney, Sydney, Australia.
- 1996-1999 Professor of Medicine, Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania
- 1999- Professor and Director, Academic Programs, Occupational Medicine, Department of Emergency Medicine, University of Pennsylvania School of Medicine
- 2001- 2012 Associate Scholar, Clinical Epidemiology Unit, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania
2004. Fellow, Wharton Risk Management and Decision Processes Center, The Wharton School, University of Pennsylvania.
- 2006-2009 Deputy Center Director, and Director Community Outreach and Education Core, Center of Excellence in Environmental Toxicology, University of Pennsylvania.
- 2007- Senior Fellow, Center for Public Health Initiatives, University of Pennsylvania.
- 2009-2013 Director Community Outreach and Education Core, Center of Excellence in Environmental Toxicology, University of Pennsylvania.

Previous Hospital and Administrative Appointments

1988. Founding Director, Division of Occupational Medicine, Department of Environmental Health Sciences and Department of Medicine and Founding Director, Center for Occupational and Environmental Health. The Johns Hopkins University, Baltimore, Maryland.

- 1989-1996 Chief Executive, National Occupational Health and Safety Commission, Sydney, Australia.
- 1996. Founding Director, National Institute of Occupational Health and Safety, Sydney, Australia.
- 1996-1999 Director for Center for Occupational and Environmental Health Policy and Practice. Jefferson Medical College of Thomas Jefferson University, Philadelphia, Pennsylvania.

Other Previous Positions and Appointments

- 1988-1989 Chief Executive and Acting Chairman, National Occupational Health and Safety Commission, Sydney, Australia.
- 1992-1996 Commissioner, Commission for Safety, Rehabilitation and Compensation of Commonwealth Employees, Australia.

Specialty Certifications

- 1968 Member, Royal Australasian College of Physicians (M.R.A.C.P.)
- 1974 Fellow Royal Australasian College of Physicians (F.R.A.C.P.)
- 1981 Diplomat, American Board of Toxicology (D.A.B.T.) with recertifications to 2016
- 1984 Faculty of Occupational Medicine, Royal Australasian College of Physicians (F.A.F.O.M.)
- 1987 Diplomat, American Board of Preventive Medicine in Occupational Medicine (D.A.B.P.M.)

Medical Licensure

- Pennsylvania, U.S.A.
- Maryland, U.S.A (inactive).
- Ohio, U.S.A (inactive).
- Kentucky, U.S.A (inactive).

Awards, Honors and Membership in Honorary Societies

- 2010 William S Knudson Award for Lifetime Achievement. American College of Occupational and

Environmental Medicine

- 2010 Adolf G. Kammer Merit in Authorship Award, Journal of Occupational and Environmental Medicine
- 2008 Community-Campus Partnerships for Health Award for 2008, CCPH
- 2008 Adolf G. Kammer Merit in Authorship Award, Journal of Occupational and Environmental Medicine
- 1999 Kehoe Award of Merit. American College of Occupational and Environmental Medicine
- 1987 Fight for Sight Citation for contribution to clinical research
- 1982 Delta Omega Public Health Honorary Society
- 1962 New South Wales Government Prize in Public Health and Preventive Medicine

Biographical Listings

Five Thousand Personalities of the World
International Who's Who in Medicine and Healthcare
Who's Who in the World
Who's Who in Australia
Who's Who in Business Australia
American Men and Women of Science
Contemporary Australians
America's Top Doctors, 2003-2012
Philadelphia's Top doctors, Philadelphia Magazine, 2004, 2005
Guide to Americas Top Physicians, Consumer Research Council of America, 2004-10

Membership in Professional and Scientific Societies (including offices held)

American College of Occupational and Environmental Medicine

Awards Committee 2010-

Task force on Training 2005-2001

Special Audit Committee of Board of Directors, 2001

Directors, 1999-2005

Chair, Council on Occupational and Environmental Medicine Practice, 2000-2005

Vice-Chair, Council on Scientific Affairs, 1999-2000

General Conference Chairman, Year 2000 Conference

Executive Director Search Committee 2001
 Transition Committee 2000-2001
 Special Audit Committee of Board of Directors 2000-2001
 Committee on Management Education 1997-2001
 Chair, Research Committee, 2000-2001
 Finance Committee 2000-2005
 Chairman, Dermatology Committee 1985-1988
 Steering Committee, Basic Science Curriculum 1982-1988
 Committee on Value Impact of Occupational and Environmental Medicine on Health Care Quality
 1996-2000
 Special Committee on Research 1999
 Program Committee American Occupational Health Conference, 1976,1981, 1987.
 American Association for the Advancement of Science
 Society for Investigative Dermatology
 American Academy of Dermatology
 Course Director, Photobiology 1983-1987
 Task Force on Photobiology, 1979-1988
 American Society for Photobiology
 Finance Committee, 1977-1979.
 American Conference of Governmental Industrial Hygienists
 Ad hoc Committee on Chloroform, 1975-1980
 Royal Australasian College of Physicians
 The Johns Hopkins Medical and Surgical Association
 American College of Preventive Medicine
 Graduate Education Committee, 1982-1988
 International Commission on Occupational Health
 Secretary, Education and Training, 1985-1994.
 Society of Toxicology
 Faculty of Occupational Medicine, Royal Australasian College of Physicians
 Australian Institute of Company Directors
 Occupational Physicians Scholarship Fund
 Board of Trustees 1997-2007 and 1985-1988.
 American Board of Toxicology,
 Board of Directors, 1985-1988
 American Contact Dermatitis Society

Teaching and Clinical Responsibilities

1988. Member, Committee on Residency Programs, The Johns Hopkins School of Hygiene and Public Health.
1988. Director, Occupational Medicine Residency. The Johns Hopkins Medical Institutions.

- 1979-1983 Member, Advisory Committee on Continuing Education, The Johns Hopkins Medical Institutions.
- 1980-1988 Member, Executive Committee, Department of Environmental Health Sciences, The Johns Hopkins School of Hygiene and Public Health.
- 1980-1981 Member, Dermatology Search Committee, The Johns Hopkins School of Medicine.
- 1982-1983 Member, Long Range Planning Committee, The Johns Hopkins School of Hygiene and Public Health.
- 1982-1988 Member, Steering Committee, Johns Hopkins Associates in Environmental Health.
1984. Member, Interdivisional Long Range Planning Committee, The Johns Hopkins University.
- 1984-1988, Member, M.P.H. Advisory Committee, The Johns Hopkins School of Hygiene and Public Health.
- 1985-1988 Member, Advisory Council, Institute for International Program, The Johns Hopkins School of Hygiene and Public Health.
- 1985-1988 Member, Steering Committee, Industrial Council for Tropical Health, The Johns Hopkins School of Hygiene and Public Health.
- 1986 Chairman, Committee to Develop Interdisciplinary Doctoral Program in Environmental Health, The Johns Hopkins School of Hygiene and Public Health.
- 1987 Member, Search Committee, Division of Toxicologic Sciences, The Johns Hopkins University.
- 1989-1996 Chairman, Visiting Committee, Center for Safety Science, University of New South Wales, Sydney, Australia.
- 1990-1996 Member, Environmental Health Advisory Board, the University of Western Sydney, Richmond, Australia.
- 1992- Present Chairman, External Advisory Committee, Center for Environmental Toxicology Research, National Cheng Kung University, Tainan, Taiwan.
- 1997-1999 Director, Occupational Medicine Residency Program, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania.

1999. Member Institutional Review Board, Thomas Jefferson University.
- 1999-2001 Member, Health Promotion and Disease Prevention Council, University of Pennsylvania, School of Medicine.
- 1999-2011 Director, Occupational Medicine Residency Program, University of Pennsylvania Medical Center.
1999. Member, Preventive Medicine Residency Advisory Committee, University of Pennsylvania, School of Medicine.
- 2000-2011 Member, Occupational Medicine Residency Advisory Committee, Johns Hopkins School of Hygiene and Public Health.
- 2003-2008 Member, MPH Curriculum Committee, University of Pennsylvania.
- 2003- Member MPH Advisory Committee, University of Pennsylvania.
- 2004- Course Director Environmental and Occupational Health PUBH503, University of Pennsylvania
- 2007- Steering Committee, Institute for Global Environmental Leadership, University of Pennsylvania

Editorial Activities

1962. Editor, Sydney University Medical Journal.
- 1978 Associate Editor, Journal of Occupational Medicine.
- 1980-1992 Consulting Editor, American Journal of Industrial Medicine.
- 1989-1998 Editor-in-Chief, Year Book of Occupational and Environmental Medicine.
- 1990-1994 International Contributing Editor, Polish Journal of Occupational Medicine and Environmental Health.
- 1991-2001 Editorial Board, Occupational Hygiene-Risk Management of Occupational Hazards.
- 1992-1994 Editorial Board, Journal of Occupational Medicine.

- 1994-Present International Contributing Editor. International Journal of Occupational Medicine and Environmental Health.
- 1994-1995 Editorial Board. Journal of Financial Regulation and Compliance.
- 1995-Present Editorial Board. Journal of Occupational Health, Official Journal, Japan Society for Occupational Health.
- 1995-Present Editorial Board. Journal of Occupational and Environmental Medicine.
- 1996-1999 Foundation Member, International Advisory Board, Scandanavian Journal of Work Environment and Health.
- 2013- Editorial Board International Journal of Communication and Health

Federal and Foundation Research and Training Grants 2006-2012

National Institute of Occupational Safety and Health T01-OH-008628-01. Occupational Safety and Health Training Grant – Occupational Medicine. July 1,2003-June 30, 2013. Principal Investigator Edward A. Emmett, to 6/30/2011

National Institute of Environmental Health Sciences 1R25 ES 012591-01. Community Exposure to Perfluorooctanate. September I, 2003 to June 30, 2007. Principal Investigator Edward A. Emmett.

Health Resources and Services Administration A0AHP16423 Public Health Traineeship Program 09/01/2009 through 08/31/2012. Principal Investigator Edward A. Emmett

Health Resources and Services Administration A03HP15138 Public Health Traineeship Program 09/01/2009 through 08/31/2012. Principal Investigator Edward A. Emmett

National Institute of Environmental Health Sciences 1P30 ES 013508 04/01/11 to 03/31/16 “Center of Excellence in Environmental Toxicology” P.I. Trevor Penning Dr Emmett is Director of the Community Engagement and outreach core. The goal is to engage and educate target communities, Health Care Professionals and policy-makers regarding scientific advances and information needs in Environmental Toxicology.

National Institute of Environmental Health Sciences 1P30 ES 013508 04/01/117 to 03/31/16 “Center of Excellence in Environmental Toxicology” P.I. Trevor Penning COEC Core Dr Emmett is Director of Community-based participatory research for the IHFSC. The goal is to develop high-quality community-based participatory research to address community environmental health problems.

National Institute of Environmental Health Sciences U19-ES020676 (Emmett) 11-4/30/13

P.I University of Texas “Gulf Coast Health Alliance: Health Risks related to the Macondo Spill (GC-HARMS): Project 1” The goal of this project is to determine the relationship between consumption of seafood potentially contaminated by the Gulf Oil spill and biomarkers of exposure and effect in residents of gulf fishing communities

National Institute of Environmental Health Sciences U19-ES020676 (Emmett) 1-4/30/13

P.I. University of Texas “Gulf Coast Health Alliance: Health Risks related to the Macondo Spill (GC-HARMS): The goal of this core is outreach, dissemination, bidirectional communication, translation of research findings and strategy development between the GC-HARMS research projects and affected fishing communities.

Robert Wood Johnson Foundation RWJF/ PHLR/CFP(2) 12/01/10 to 12/31/13 P.I Dr Adam Finkel. “Modernizing Occupational Safety and Health Enforcement: Improving OSHA's Capability to Prevent, Detect, and Control Grave Risks to U.S. Workers” The goal of this project is to develop an improved strategy to direct OSHA workplace inspections.

Bibliography:

Original Papers

Emmett EA, Desai C. Community First Communication: Reversing Information Disparities to Achieve Environmental Justice. *Environmental Justice*. 3(3): 79-84, 2010.

Dalton PH, Opiekun RE, Gould M, McDermott R, Wilson T, Maute C, Ozdener MH, Zhao K, Emmett EA, Lees PSJ, Herbert R, Moline J. Chemosensory Loss: Functional Consequences of the World Trade Center Disaster. *Environmental Health Perspectives*, 118: 1251-1256. 2010

Nolan LA, Nolan JM, Shofer FS, Rodway N, Emmett EA. Congenital Anomalies, Labor/Delivery Complications, Maternal Risk Factors and Their Relationship with Perfluorooctanoic Acid (PFOA)-Contaminated Public Drinking Water. *Reprod Toxicol* 29: 147-155, 2010

Emmett EA, Zhang H, Shofer FS, Rodway N, Desai C, Freeman D, Hufford M. Development and successful application of a “community-first” communication model for community based environmental health research. *J Occup. Environ. Med.* 51: 146-156, 2009

Nolan LA, Nolan J, Shofer FS, Rodway NV, Emmett EA. The Relationship Between Birth Weight, Gestational Age and Perfluorooctanoic Acid (PFOA)-Contaminated Public Drinking Water. *Reproductive Toxicology*, 27:231-238, 2009

Baker BA, Katya S, Greaves IA, Rice HR, Emmett EA, Meyer JD. Occupational Medicine Residency Graduate Survey: Assessment of Training Programs and Core Competencies. *J Occupat Environ Med.* 49: 1325-1338, 2007

Emmett, EA, Shofer FS, Zhang H, Freeman, D, Desai C, Shaw, LM. Community exposure to

perfluorooctanoate: relationships between serum concentrations and exposure sources. *J Occup Env Med.* 48:759-770. 2006.

Emmett, EA, , Zhang H, Shofer FS, Freeman, D, Rodway NV, Desai C, Shaw, LM. Community exposure to perfluorooctanoate: relationships between serum levels and certain health parameters. *J Occup Env Med.* 48:771-779. 2006.

McKenzie, J., Emmett EA. Outcomes from the Occupational Physicians Scholarship Fund: private support for physician residency training. *J Occup Env Med.* 48: 513-522, 2006

Lees, PSJ, Stephaniak, A, Emmett, EA, Dalton, P. Exposure assessment for study of olfactory function in workers exposed to styrene in re-inforced-plastics industry. *Amer J Indust Med.* 44: 12-231, 2003

Dalton, P., Cowart, B., Dilks, D., Gould, M., Lees, P., Stephaniak, A., Emmett, E.A.: Olfactory Function in Workers exposed to styrene in reinforced plastics industry. *Amer J Indust Med.* 44: 1-11, 2003.

Emmett, EA. Occupational Contact Dermatitis II: Risk Assessment and Prognosis. *Am J Contact Dermatitis,* 14: 21-30,2003

Green-McKenzie , J., Rainer, S., Behrman, A., Emmett, EA . The effect of a health care management initiative on reducing workers' compensation. *J. Occup Env Med* 44:1100-1006, 2002.

Emmett, EA. Occupational Contact Dermatitis I: Incidence and Return to Work Pressures. *Am J Contact Dermatitis* 13: 30-34, 2002

Emmett E.A and Green-McKenzie J.: External practicum-year residency training in occupational and environmental medicine. *J. Occup. Env. Med* 43:501-511, 2001.

Emmett, E.A.: Occupational health and safety in national development - the case of Australia. *Scan J Work Environ Health.* 23:325-33, 1997.

Emmett, E.A.: Prevention of major accidents in Australia. *J. Occup. Health and Safety - Australia and New Zealand.* 12:581-589, 1996.

Emmett, E.A.: What is the strategic value of occupational and environmental medicine - observations from the United States and Australia. *J. Occup. Env. Med.* 38:1124-1134, 1996.

Holness, D.L., Nethercott, J.R., Adams, R.M., Belsito, D., Deleo, V. A., Emmett, E.A., et al: Concomitant positive patch test results with standard screening tray in North America 1985-1989. *Contact Dermatitis.* 32:289-292, 1995.

Emmett, E.A.: Regulatory Reform in occupational health and safety in Australia. *J. Occup. Health Safety - Aust. N.Z.* 11:607-616, 1995.

Emmett, E.A. and Hickling, C.J.: Integrating management systems and risk management approaches. *J. Occup. Health Safety - Aust. N.Z.* 11: 617-624, 1995.

Emmett, E.A., Strategy and coordination framework for an enhanced Australian role in the improvement of occupational health and safety in the Asia-Pacific Region. *J. Occup. Health Safety - Aust NZ.* 11:115-124, 1995.

Nethercott, D., Holness, D.L., Adams, R.M., Belsito, D.V., Deleo, V.A., Emmett, E.A., et al: Multivariate Analysis of the Effect of Selected Factors on the Elicitation of Patch Test Response to 28 Common Environmental Contactants in North America. *Am. J. Contact Dermatitis.* 5:(1)13-18, 1994.

Emmett, E.A.: Risby, T.H., Taylor, J., Chen, C.L., Jiang L., and Feinman, S.E.: Skin Elicitation Threshold of Ethylbutyl Thiourea and Mercaptobenzothiazole with Relative Leaching from Sensitizing Products. *Contact Dermatitis.* 30:85-90, 1994.

Belsito, D.V., Storrs, F.J., Taylor, J.S., Marks, J.G. Adams, R.M., Rietschel, R.L., Jordan, W.P., and Emmett, E.A.: Reproducibility of Patch Tests: A U.S. Multicenter Study. *Am. J. Contact Dermatitis.* 3:193-201, 1992.

Emmett, E.A.: New directions for occupational health and safety in Australia. *J Occup Health Safety - Aust/NZ* 8:293-308, 1992.

Nethercott, J.R., Holness, D.L., Adams, R.M., Belsito, D.V., DeLeo, V.A., Emmett, E.A. et al: Patch testing with a routine screening tray in North America 1985-1989. I. Frequency of Response. *Amer J Contact Derm* 2:122-129, 1991.

Nethercott, J.R., Holness, D.L., Adams, R.M., Belsito, D.V., DeLeo, V.A., Emmett E.A. et al: Patch testing with a routine screening tray in North America 1985-1989. II. Gender & Response. *Amer J Contact Derm* 2:130-134, 1991.

Nethercott, J.R., Holness, D.L., Adams, R.M., Belsito, D.V., DeLeo, V.A., Emmett E.A. et al: Patch testing with a routine screening tray in North America 1985-1989. III. Age & Response. *Amer J Contact Derm* 2:198-201, 1991.

Nethercott, J.R., Holness, D.L., Adams, R.M, Belsito, D.V., DeLeo, V.A., Emmett, E.A., Fowler J. et al: Patch testing with a routine screening try in North America 1987 through 1989. IV. Occupation & Response. *Amer J Contact Derm* 2:247-254, 1991.

Nethercott, J.R., Holness, D.L., Adams, R.M, Belsito, D.V., DeLeo, V.A., Emmett, E.A. et al. Results of first and second readings with standard screening tray in North America, 1985-1989. *Amer*

J Contact Derm 2:255-259, 1991.

Rietschel, R.L., Rosenthal, L.E., Adams, R.M., Belsito, D., Clendenning W., Emmett, E.A., Fisher, A.A. et al: Standard patch test screening series used diagnostically in young and elderly patients. Am J Contact Derm. 1:53-55, 1990.

Rosenthal, F.S., West, S.K., Munoz, B., Emmett, E.A., Strickland, P.T., & Taylor, H.R.: Ocular and facial skin exposure to ultraviolet radiation in sunlight: A personal exposure model with application to a worker population. Health Physics 61:77-86, 1991.

Vitasa, B.C., Taylor, H.R., Strickland, P.T., Rosenthal, F.S., West S., Abbey, H., Ng, S.K., Munoz, B., & Emmett, E.A.: Association of Nonmelanoma Skin Cancer and Actinic Keratosis with Cumulative Solar Ultraviolet Exposure in Maryland Watermen. Cancer. 65:(12)2811-2817, 1990.

Rietschel, R.L., Nethercott, J.R., Emmett, E.A., Maibach, H.I., Storrs, F.J., Larsen, W.G., Adams, R.M., Taylor, J.S., Marks, J.G., Mitchell, J.C., Fisher, A.A., Kanof, N.B., Clendenning, W.E., Schorr, W.F.: Methylchloroisothiazolinone-methylisothiazolinone reactions in patients screened for vehicle and preservative hypersensitivity. Journal of the American Academy of Dermatology, 22:734-738, 1990.

Storrs, F.J., Rosenthal, L.E., Adams, R.M., Clendenning, W., Emmett, E.A., Fisher, A.A., Larsen, W.G., Maibach, H.I., Rietschel, R.L., Schorr, W.F. & Taylor, J.S.: Prevalence and relevance of allergic reactions in patients patch tested in North America, 1984 to 1985. J. Amer. Acad. Dermatol 20:1038-1045, 1989.

Assennato, G., Cannatelli, P., Emmett, E.A., Ghezzi, J., & Merlo, F.: Medical Monitoring of Dioxin Clean-up Workers. Amer Ind Hyg Assoc 50:586-592, 1989.

Strickland, P.T., Vitasa, B.C., West, S.K., Rosenthal, F.S., Emmett, E.A., Taylor, H.R.: Quantitative Carcinogenesis in Man: Ultraviolet Dose-Dependence of Skin Cancer in Maryland Watermen. Journal of National Cancer Institute. 81:1910-1913, 1989.

Taylor, H.R., West, S.K., Rosenthal, F.S., Munoz, B., Newland, H.S., Emmett, E.A.: Corneal Changes Associated with chronic ultraviolet radiation. Arch Ophthalmol. 107:1481-1484, 1989.

West, S., Munoz, B., Emmett, E.A., Taylor, H.R.: Cigarette Smoking and Risk of Nuclear Cataracts. Arch Ophthalmol. 107:1166-1169, 1989.

Emmett, E.A., Ng, S.K., Levy, M., Moss, J.N. & Morici, I.J.: The irritancy and allergenicity of 2-N-Octyl-4-Isouthiazolin-3-one (Skane M-8): with recommendations for patch test concentrations. Contact Dermatitis. 20:21-26, 1989.

Bruze, M., Emmett, E.A., Creasey, J., Strickland, P.: Cyclobuta-Dithymidine Induction by Solar-Simulating UV Radiation in Human Skin: II. Individual Responses. The Journal of Investigative

Dermatology. 93(3):341-344, 1989.

Assennato, G., Cervino, D., Emmett, E.A., Longo, G. & Merlo, F.: Follow-up of Subjects who developed chloracne following TCDD exposure at Seveso. *Amer Journal of Industrial Medicine*, 16:119-125, 1989.

Fait, A., Grossman, E., Self, S., Jefferys, J., Pellizzari, E.D., & Emmett, E.A.: Polychlorinated biphenyl congeners in adipose tissue lipid and serum of past and present transformer repair workers and a control group. *Fundamental and Applied Tox.* 12(1):42-55, 1989.

Cameron, L.L., Vitasa, B.C., Lewis, P.G., Taylor H.R., & Emmett, E.A.: Visual assessment of facial elastosis using photographs as a measure of cumulative ultraviolet exposure. *Photodermatology*. 5:277-282, 1988.

Emmett, E.A., Risby, T.H., Long Jiang, Ng, S.K., and Feinman S.: Allergic contact dermatitis to nickel. Bioavailability from consumer products and provocation threshold. *J. Amer. Acad. Dermatol.* 19(2):314-322, 1988.

Suruda, A. & Emmett, E.A.: Counting recognised occupational deaths in the U.S. *Journal of Occupational Medicine*. 30(11):868-872, 1988.

Taylor, H.R., West, S.K., Rosenthal, F.S., Munoz, B., Newland, H.S., Abbey, H., & Emmett, E.A.: Effect of Ultraviolet Radiation on Cataract Formation. *The New England Journal of Medicine*. 319:1429-1433, 1988.

Emmett, E.A., Maroni, M., Jefferys, J.A., Schmith, J., Levin, B.K., & Alvares, A. Studies of Transformer Repair Workers Exposed to PCBs: II. Results of Clinical Laboratory Investigations. *American Journal of Industrial Medicine*. 14(1):47-62, 1988.

Emmett, E.A., Maroni, M., Ferrara, J.M., Levine, B.K., & Jefferys, J.: Studies of Transformer Repair Workers Exposed to PCBs. I. Study Design, PCBs Concentrations, Questionnaire & Clinical Examination Results. *American J. Indust. Medicine*, 13:415-428, 1988.

West, S.K., Rosenthal, F., Emmett, E.A., Abbey, H., Munoz, B., Taylor, H.: Ultraviolet Light Exposure and Risk of Cataracts: Use of Serially Additive Expected Dose Model. *American Journal of Epidemiology*. 125:751, 1987.

Guo, Y.L., Emmett, E.A., Pellizzari, E.D., Rohde, C.A.: Influence of serum cholesterol and albumin on partitioning of PCB congeners between human serum and adipose tissue. *Toxicol. Appl. Pharmacol.* 87:48-56, 1987.

West, S.K., Munoz, B.E., Newland, H.S., Emmett, E.A., & Taylor, H.R. Lack of Evidence for Aspirin Use and Prevention of Cataracts. *Arch Ophthalmol.* 105:1229-1231, 1987.

Rogers E., & Emmett, E.A. : "Handling antineoplastic agents: urine mutagenicity in nurses". *Image - The Journal of Nursing Scholarship*, 19(3):108-113, 1987.

Lewis, P.G. & Emmett, E.A.: "Irritant dermatitis from tri-butyl tin oxide and contact allergy from chlorocresol". *Contact Dermatitis*, 17(3):129-132, 1987.

Hertz, R., Emmett, E.A.: Risk Factors for Occupational Hand Injury. *J. Occupational Medicine*, 28:36-41, 1986.

Emmett, E.A.: Dermatologic Screening. *J. Occupational Medicine*, 28:207-211, 1986.

Levine, M.S., Fox, N.L., Thompson, B., Taylor, W., Darlington, A.C., Van der Hoeden, J., Emmett, E.A., & Rutten, W.: Inhibition of the Esterase Activity of Circulating Monocytes in Plastic Production Workers. *J. Occupational Medicine*, 28:207-211, 1986.

Emmett, E.A., Lewis, P.G., Bleecker, M., Fox, R., Darlington, A.C., Synkowski, D.R., Dannenberg, A.M., Taylor, W.J., Levine, M.S.: Studies of a Group of Workers with a Decrease in Esterase Staining Monocytes and a Comparison Group. *J. Occupational Medicine*, 27:905-914, 1985.

Emmett, E.A.: "Polychlorinated Biphenyl Exposure and Effects in Transformer Repair Workers". *Environ. Health Perspectives*, 60:185-192, 1985.

Emmett, E.A.: "The Skin and Occupational Diseases". *Arch. Environ. Health*, 39(3): 144-149, 1984.

Li, V.C., Kim, J.J., Eiwart, C.K., Terry, P.B., Cuthie, J.C., Wood, J., Emmett, E.A. and Permutt, S.: "Effects of Physician Counseling on the Smoking Behaviour of Asbestos-exposed Workers". *Preventive Med.* 13:463-476, 1984.

Li, V.C., Kim, J.J., Eiwart, C.K., Terry, P.B., Cuthie, J.C., Wood, J., Emmett, E.A. and Permutt, S.: "Behavioral, Attitudinal and Physiologic Characteristics of Asbestos Exposed and Non-Exposed Shipyard Workers," *J. Occupational Medicine*. 25:864-870, 1983.

Emmett, E.A.: "Occupational Skin Disease". *J. Allergy and Clinical Immunology*, 72:649, 1983.

Ross, W.D., Emmett, E.A., Steiner, J. and Tureen, P.: "Neurotoxic Effects of Occupational Exposure to Organotins". *American J. Psychiatry*, 138:1092-1095, 1981.

Emmett, E.A., Bingham, E.M. and Barkley, W.: "A Carcinogenic Bioassay of Certain Roofing Materials". *American J. Indust. Medicine*, 2:59-64, 1981.

Emmett, E.A., Buncher, C.R., Rowe, K. and Suskind, R.R.: "Skin and eye disease amongst arc welders and those exposed to welding operations". *J. Occupational Medicine*, 23:35, 1981.

Brooks, S.M., Emmett, E.A.: Carson, A., Tsay, J.Y., Elia, V., Buncher, R. Karbowski, R.: "The Effects of Protective Equipment on Styrene Exposure in Workers in the Reinforced Plastics Industry", *Arch. Environ. Hlth*, 35:287, 1980.

Emmett, E.A.: "Phototoxicity from Exogenous Agents". *Photochemistry and Photobiology*, 30:429-435, 1979.

Cohn, J.R. and Emmett, E.A.: "The Excretion of Trace Metals in Human Sweat". *Annals Clin. Lab. Science*, 8:270-275, 1978.

Emmett, E.A.: "Drug Photoallergy". *Intl. J. Dermatology*, 17:370-379, 1978.

Emmett, E.A., Stetzer, L. and Taphorn, B.R.: "Phototoxic Kerato-conjunctivitis from Coal Tar Pitch Volatiles". *Science* 198:841-842, 1977.

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Emmett, E.A.: Health effects of UV-B: in Titus J., *Effects of Changes in Stratospheric Ozone and Global Climate*. USEPA/UNEP, Washington, D.C., 1986.

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Foa', V., Emmett, E.A., Colombi, A., & Maroni, M.: *Chemical Monitoring of Human Toxicity*. Chichester, England, Ellis Horwood, 1987.

Selected Lectures by Invitation (1996-2008)

Emmett, EA. Translation of Research in Environmental Health. Annual Environmental Health Sciences Core Centers Meeting, Philadelphia, PA, October 21, 2008.

Emmett, EA. Successful Use of a "Community-First" Method of Reporting Research Results to an Affected Group. Issues and Ethics: Reporting Back Personal Exposure Biomonitoring Results, Center for Environmental Genetics, University of Cincinnati, Cincinnati OH. September 16, 2008

Emmett, EA. Perfluorooctanoate (PFOA) from Teflon Manufacture: Studies of Community Exposure, Potential Risks and Effects of Intervention. *Frontiers in Environmental Science Seminar Series*, NIEHS, July 24, 2008

Emmett, EA. Community Exposure to PFOA and Health Parameters. PFAA Days II Workshop, EPA, Research Triangle Park NC, June 2008

Emmett, EA, Community –Campus Partnerships and Novel Communication Strategies. Remarks on Acceptance of the 2008 Community-Campus Partnerships for Health Award, Community-University Exposition (CUexpo) Conference Victoria, BC Canada, May 4, 2008

Emmett, EA. PFOA from Teflon Manufacture: Community Exposure, Potential Risks and Effects of Intervention. *Department of Environmental Health Seminar Series*, University of Cincinnati. April 30, 2008

Emmett, EA. Community Concerns and Information Provision. Initiative for Global Environmental leadership at PENN/Wharton, Philadelphia PA April 2008

Emmett,EA. Best Practices in Funding: Capture of Medicare Dollars. Residency Directors Forum, American Occupational Health Conference, New York, NY, April 2008

Emmett, EA. Persuasive power of Bioavailability information. Workshop on Assessing Bioavailability as a Determinant of Pollutant Exposure and Effects, Tampa, FL, February 19, 2008

Emmett, EA. PFOA from Teflon Manufacture: Community Exposure, Potential Risks and Effects of

Interventions. CCEB Seminar Series, Philadelphia PA, January 2008

Emmett, EA. Successful Reduction of Community Exposure through an Environmental Justice Partnership, with N Rodway, American Public Health Association Annual Meeting, Washington DC , November 2007

Emmett, EA. Success of Community First Communication Model in PFOA Exposure, Philadelphia Occupational and Environmental Medicine Society, Valley Forge PA, September 2007

Emmett, EA. Empowerment through Reversing Information Disparities. Successful Reduction of Community Chemical Exposure Through an Environmental Justice Partnership. The State of Environmental Justice in America 2007 Conference. Howard University, Washington DC, March 30, 2007.

Emmett EA. Keynote lecture. Providing Value for Patients and Employers. Central States Occupational Medicine Meeting, Naperville IL, March 16,2007

Emmett, EA, Invited lecture. Successful Risk Communication in Environmental Studies., Environmental justice/CBPR Grantees Meeting, National Institute for Environmental health Sciences,. Research Triangle Park, North Carolina, October 26, 2006

Emmett, EA. Community Education and Outreach in Environmental Health. University of Pennsylvania, Center of Excellence in Environmental Toxicology, Inaugural Symposium, Philadelphia, PA, October 17, 2006.

Emmett, E.A. & Rodway, N. Invited Lecturer, Studies of Community Exposure to Perfluorooctanoate. Ohio Public Health Epidemiology Conference, Columbus OH. August 1, 2006

Emmett, E.A. Keynote Lecture, Drug & Alcohol Testing and Toxicology. Workers Compensation Judges Annual Conference, State College PA, July 18, 2006

Emmett, E.A. Community Exposure to Perfluorooctanoate. Invited lecture EPA 2006 Science Forum, Washington DC, May 16 2006.

Emmett, E.A. Community Exposure to Perfluorooctanoate, Invited Lecture, American Occupational Health Conference, Los Angeles CA, May 8, 2006

Emmett, E. A. & McKenzie J. Community and Workplace Based Training for Occupational Medicine. Tenth National Occupational Research Symposium, Washington DC, April 19, 2006.

Emmett, E.A. Invited Address. The Importance of Bioavailability – A Case in Point. EPA/NIEHS Bioavailability Workshop, Elizabeth, NJ. November 9, 2005.

Emmett, E. A. Community Epidemiological Studies. Invited Address. SUGUNA Annual Conference, Champaign-Urbana IL, October 14, 2005.

Emmett, E.A. Keynote Address. A Healthy Workplace Treatment for Success. Governor's Conference on Occupational Health, State of Pennsylvania, Hershey, PA, October 13, 2005.

Emmett, E.A.: Dioxins, sources and effects. Mock trial panel, American Chemical Society annual Meeting, Washington DC, August 31, 2005

Emmett, E.A. Community Exposure to Perfluorooctanoates Epidemiology Seminar Series, Center for Clinical Epidemiology and Biostatistics, University of Pennsylvania, Philadelphia, PA, June 30, 2005

Emmett, E.A.: Keynote address. Establishing Causation. Pennsylvania Self-Insurers Association, Silver Springs PA, June 9, 2005

Emmett, E.A.: Invited Address. Evaluation in Residency Training. American College of Preventive Medicine Annual Meeting: Symposium on Training. Washington DC, February 16, 2005

Emmett, E.A.: Community Exposure to Perfluorooctanoates. Institute of Environmental Studies, University of Pennsylvania, February 23, 2005

Emmett, E.A: Toxicity of Organotins. REACTS Biannual Meeting, Philadelphia, PA, May 13, 2004

Emmett, E.A: Full Costing of Occupational Health Impacts, Center, The Wharton School, Philadelphia, PA, March 18, 2004

Emmett, E.A.: Occupational Skin Diseases, John Hopkins School of Public Health Lecture Series, Baltimore, MD, March 12, 2004

Emmett, E.A.: Occupational Medicine, Business Service Impacts, Delphi Physicians Meeting, Palm Springs, CA, January 16, 2004

Emmett, E.A. Twenty Five Years of Residency Training. Opening Address. Symposium on the Twenty-Fifth Anniversary of Residency Training. Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD, October 29, 2003

Emmett, E.A. Grand Rounds. The Business Services Model in Occupational Medicine. Yale University, School of Medicine, Department of Medicine, New Haven, CT, June 24, 2003.

Emmett, E.A. Invited Speaker. Future of Occupational Medicine. American Occupational Health Conference, Atlanta, May 7, 2003.

Emmett, E.A. Invited Plenary Session Speaker. Health and Productivity, Myths and Realities. Triennial meeting, International Commission on Occupational Health, Iguassu Falls, Brazil, February 25, 2003.

Emmett, E.A. Invited Speaker. Occupational Health Practice and Education. Occupational Health in North America - A Global View Symposium. Triennial meeting, International Commission on Occupational Health, Iguassu Falls, Brazil, February 26, 2003.

Emmett, E. A. Invited Lecture. Toxicology, Lead and Metal Working Fluids, UAW-Delphi Health and Safety Conference, Palm Springs, CA, January 25, 2003.

Emmett, E.A. Keynote Address, Risk Communication. Michigan Occupational Health Nurses Annual Conference, Shanty Springs, MI, October, 25, 2002.

Emmett, E.A. Invited lecture. Occupational Skin Disease, Michigan Occupational Health Nurses Annual Conference, Shanty Springs, MI, October, 25, 2002.

Emmett, E.A. Invited Speaker. Estrategias ante la globalizacion en los Servicios de Salud Occupational y Ambiental. VII Congreso Nacionale De Salud En El Trabajo, Chihuahua, Chih. Mexico, September, 13, 2002

Emmett, E.A. Keynote Presenter. Programa Academico Precongreso, Improving Strategic Outcomes from Occupational and Environmental Health Services. VII Congreso Nacionale De Salud En El Trabajo, Chihuahua, Chih. Mexico, September, 12, 2002

Emmett, E.A. Invited Speaker. Health Value and Productivity. Special Lecture. American College of Occupational and Environmental Medicine, Annual Meeting, Chicago IL, April 17,2002

Emmett, E.A. Invited Speaker. Improving Strategic Outcomes from Occupational and Environmental Health Services. Millennium Series Lecture, American College of Occupational and Environmental Medicine, Annual Meeting, Chicago IL, April 17,2002

Emmett, E.A. Invited Speaker. Occupational Skin Diseases. Grand Rounds University of South Florida Sunshine ERC, Tampa FL March 28, 2002

Emmett, E.A. Invited Speaker. Improving Strategic Outcomes from Occupational and Environmental Health Services. University of South Florida Sunshine ERC, Tampa FL March 27, 2002

Emmett, E.A. Keynote Speaker. Risk Communication. UAW-Delphi Health and Safety Conference, Palm Springs CA, January 3, 2002

Emmett E.A. Invited Speaker. Advances in the Role of the Skin in Exposure Assessment.. Raymond R. Suskind Memorial Symposium, University of Cincinnati, Cincinnati OH September 8, 2001

Emmett, E.A. Invited Speaker. Fundamentals of Medical Surveillance and Monitoring for Aromatic Hydrocarbons and Metals: Workshop on Biological and Medical Surveillance and Monitoring 7th International Conference on Therapeutic and Drug Monitoring and Clinical Toxicology, Washington DC, September 3, 2001.

Emmett, E.A. Keynote Speaker. Role of the Skin in Occupational Medicine. Contact Dermatitis, State of the Art Symposium. Penn State University, Hershey PA, July 13, 2001

Emmett, E.A. Invited Speaker. Productivity and Business Health. Grand Rounds Environmental and Occupational Health Sciences Institute, UMDMJ Robert Wood Johnson School of Medicine, New Brunswick NJ. June 26, 2001.

Emmett, E. A., Invited Participant, NASA Mars Sampling Handling, Comprehensive Protocol Evaluation, NASA, Arlington, VA, June 5-7, 2001.

Emmett, E.A., Invited Speaker, Global Standard Harmonization, Royal Australasian College of Physicians. Annual Scientific Meeting, Sydney Australia, May 14, 2001.

Emmett, E. A., Invited Participant, NASA Mars Sampling Handling, Comprehensive Protocol Evaluation, NASA, Arlington, VA, June 5-7, 2001.

Emmett, E.A., Keynote Speaker Chronic Disease Management, Opportunity for Occupational Medicine, MARCOM, Regional Occupational Health Conference, Philadelphia, PA, March 16, 2001.

Emmett, E.A. Keynote Presentation. Occupational Skin Disease. Delphi-GM-UAW Joint Conference on Occupational Health. Palm Springs, CA, January 5, 2001

Emmett, E.A., Keynote Address: Occupational Disease Surveillance-Experiences in Australia. Year 2000 Symposium on International Trends in the Preventive, Investigation and Treatment of Occupational Diseases, Taipei, Taiwan, October 24, 2000.

Emmett, E.A., Health and Performance, Human Relations 2000 Conference, Vancouver, British Columbia, June 12, 2000.

Emmett, E.A., Models of Health and Productivity, American College of Occupational and Environmental Health, Philadelphia, PA, May 18, 2000.

Emmett, E.A., Introduction to the History of Occupational Medicine at the Mutter Museum, College of Physicians of Philadelphia, Philadelphia, PA, May 15, 2000.

Emmett, E.A., Real World Issues, Volatiles Health and the Environment, Spring Colloquium, Monell Chemical Senses Center, Philadelphia, PA, March 24, 2000

Emmett, E.A., Keynote Address: Changes and Trends in Occupational Medicine. State-of-the Art Meeting, American College of Occupational and Environmental Medicine. San Antonio, Texas, October 19, 1999.

Emmett, E. A., Keynote Address: Workforce Health and Business Success. Northwest Occupational Health Conference, Portland Oregon, October 13, 1999.

Emmett, E.A., The James Nethercott Memorial Lecture. The Future of Occupational and Environmental Medicine. Annual Meeting of the Occupational and Environmental Medical Association of Canada, Toronto, Ontario, October 4, 1999.

Emmett, E.A., Keynote Address: Strategic Opportunities in Occupational health. Mid Atlantic Regional Conference in Occupational Health, Philadelphia, Pennsylvania, September, 18, 1999

Emmett, E.A., Keynote Address: Strategic Value of Occupational Medicine. Rocky Mountain Academy of Occupational Medicine, Denver, Colorado, February 5, 1999

Emmett, E.A., Invited Address: The Reinvention of Corporate and Occupational Medicine. Mid-Atlantic Regional Conference on Occupational Medicine, Williamsburg, Virginia, November 15, 1998.

Emmett, E.A., Anna M. Baetjer Memorial Lecture, "Health and Productivity", Johns Hopkins University, Baltimore, Maryland, October 1998.

Emmett, E.A., Marcus Key Lecture, "Reinventing Occupational Medicine", Texas Occupational Medical Association Annual Meeting, Houston, Texas, March 1998.

Emmett, E.A., Reinventing Corporate and Occupational Health. Annual Combined Meeting of Delaware Occupational Nurses Association and Occupational Medical Association, Wilmington, Delaware, March 1998.

Emmett, E.A., Guest Speaker, "Strategic Occupational and Safety, American Industrial Hygiene Association of Virginia, Richmond, VA March 1997.

Emmett, E.A., Guest Speaker, "Setting National Directions - Occupational Health and Safety Experiences in Australia", ERC Seminar, Johns Hopkins School of Hygiene and Public Health, Baltimore, MD, March 1997

Emmett, E.A., Keynote Speaker, "Strategic Occupational Health and Safety". Combined meeting of Delaware Valley Association of Occupational Health Nurses and Lower Delaware Valley Chapter of Safety Engineers, Concordville, PA, January 1997

Emmett, E.A., Invited lecture, “A Nationwide Surveillance Program in the Context of Strategic Occupational and Environmental Medicine”. State-of-The-Art Conference, American College of Occupational and Environmental Medicine, Toronto, Canada, October 1996.

Emmett, E.A., Invited lecture, “Surveillance for Occupational Injury and Directions in Australian Initiatives”. The 1996 Congress and Scientific Meeting of the Chinese Medical Association, Taipei, Taiwan, June 1996.

Emmett, E.A., Invited lecture, “Chemical Hazards and the Skin”. The 1996 Congress and Scientific Meeting of the Chinese Medical Association, Taipei, Taiwan, June 1996.

Emmett, E.A., “The Intended Role and Outcomes of the National Asbestos and Diseases Research Foundation”, Asbestos Related Diseases, Symposium and Workshop, Sydney, Australia, June 1996.

Emmett, E.A., Invited Speaker, “The R.S.I. Epidemic in Australia. Hot Topics in International Occupational and Environmental Medicine, American Occupational Health Conference, Orlando, Florida, May 1996.

Emmett, E.A., Invited Speaker, “Skin in What’s New? Literature Review of Advances in Occupational and Environmental Medicine, American Occupational Health Conference, Orlando, Florida, May 1996.

Emmett, E.A., Keynote Address “Prevention of Major Accidents”. Futuresafe ‘96 Conference, Melbourne, Australia, May 1996.

Emmett, E.A., Invited lecture “Prevention”. First National Workers’ Compensation Symposium, Melbourne, Australia, March 1996.

Emmett, E.A., Opening Address “The role of education and educators in Occupational Health and Safety” Inaugural Conference of the Australian and New Zealand Association of Health and Safety Educators, Sydney, Australia, February 1996.

Selected International Activities

2004-2006 Member, International Organizing Committee, International Congress on Occupational Health, Milan, Italy 2006.

2001-2003 Member, International Organizing Committee, International Congress on Occupational Health, Iguassu Falls, Brazil 2003

1991-2001 Member WHO Expert Advisory Panel on Occupational Health

1995 Vice Chairman, Joint ILO/WHO Committee on Occupational Health, Geneva, Switzerland.

- 1990-1996 Director, World Health Organization, Collaborating Center in Occupational Health, Sydney, Australia.
- 1993 Leader, Australian Tripartite Delegation on Mining Safety to China.
- 1991 Member, Australian Delegation, ILO Asia-Pacific Regional Conference, Bangkok, Thailand.
- 1991-1997 Member, Joint ILO/WHO Committee on Occupational Health, Geneva, Switzerland.
- 1991 Chairman, Regional Working Group on Occupational Health, World Health Organization, Manila.
- 1991-1992 Member, Working Group on Solar and Ultraviolet Radiation, International Agency for Research on Cancer (IARC), Lyon, France.
- 1990 Conference Chairman. WHO European Symposium on Occupational Health for the 1990s. Amsterdam, March 13-16, 1990.
- 1989 Organizing Committee. Second International Conference on Education and Training in Occupational Health. Espoo Finland, June, 1989.
- 1986 Scientific Secretary with Dr Vito Foa', International Symposium on Biochemical and Cellular Indices of Human Toxicity in Occupational Medicine, Milan, Italy, May 19-22, 1986.
- 1986 External Examiner, the University of Singapore.
- 1985-1988 Principal Investigator, World Health Organization Collaborating Center in Occupational Health, The Johns Hopkins Medical Institutions.
- 1985 Member, Working Group on Some Naturally Occurring Substances, Food Additives and Amino Acid Pyrolysates, International Agency for Research on Cancer, Lyon, France.
- 1984-1994 Secretary, Scientific Committee on Education and Training, International Commission on International Health.
- 1984 External Examiner and Consultant, University of Singapore.
- 1983-1984 Member, Working Group on Carcinogenic Risk of Shale Oils, Soots, Creosote, Coal Tars and Pitches and Asphalt, International Agency for Research on Cancer, Lyon,

France.

- 1983 Rapporteur, PAHO/WHO Scientific Group of Workers Health in the Americas.
- 1982 Vice-Chairman, WHO Scientific Group on Early Detection of Occupational Diseases.
- 1980-1982 Consultant in Occupational Medicine and Dermatology to: Istituto Scientifico per lo Studio e la Cura Dei Tumori, Genoa, Italy, on TCDD accident, Seveso, Italy.

Selected Professional Activities

- 2010- External Advisory Committee, Center for Environmental health, New York University.
- 2009- Faculty Advisory Committee. Institute for Global Environmental Leadership, the Wharton School, University of Pennsylvania.
- 2005- Member Chemical Terrorism Preparedness Advisory Committee, Pennsylvania Department of Health, Bureau of Laboratories.
- 2004-2008 Member Executive Committee, Pennsylvania Consortium for Interdisciplinary Environmental Policy, Commonwealth of Pennsylvania, Departments of Environmental Protection and of Conservation and Natural Resources.
- 2003-2008 Chair, Human Health and Environment Program, Pennsylvania Consortium for Interdisciplinary Environmental Policy, Commonwealth of Pennsylvania, Department of Environmental Protection.
2001. Advisory Committee, Wharton Risk Management and Decision Sciences Center, The Wharton School, University of Pennsylvania
- 2001 - Scientific Advisory Board, Program in Environmental Health and the Chemical Senses, Monell Chemical Senses Center, Philadelphia
- 2001-2009, (and 2012) Risk Communicator. UAW-General Motors and , UAW-Delphi Occupational Health Advisory Board
- 1998-2002 Chair, Implementation and Methodology Committee, Institute for Health and Productivity Management.
- 1996-2000 Member, PENNSAFE Advisory Board, Commonwealth of Pennsylvania, Department of Labor and Industry.

- 1996 Member of Safety Institute of Australia Professional Review Committee.
- 1994-1996 Member, Occupational Health and Safety Committee. Commission for Safety, Rehabilitation and Compensation of Commonwealth Employees, Australia.
- 1991-1996 Member, Board of Directors, Farmsafe Australia.
- 1991-1996 Member, National Advisory Committee on Responsible Care, Australian Chemical Industry Council.
- 1988-1996 Chairman, Standards Development Standing Committee, National Occupational Health and Safety Commission, Australia.
- 1988-1996 Member, Research Standing Committee, National Occupational Health and Safety Commission, Sydney, Australia.
- 1988-1991 Chairman, Ministerial Advisory Group on Farm Safety, Commonwealth of Australia.
- 1988-1990 Federal Councillor, National Executive Committee, National Safety Council of Australia, Melbourne.
- 1988-1992 Member, Policy and Advisory Committee, Occupational Health and Safety Service, Sydney Hospital.
- 1988-1993 Member, National Steering Committee for Health Promotion in the Workplace, National Heart Foundation, Australia
- 1987-1988 Member, Task Force on Guidelines for Standardizing Old and New Technologies Used for Diagnosis and Treatment of Allergic Disorders, U.S. National Institute for Allergy and Infectious Diseases.
- 1989-1996 Reviewer, National Health and Medical Research Council, Australia.
- 1986 Member, Review Panel for Proposed National Strategy for the Prevention of Work-Related Dermatological Conditions, U.S. National Institute of Occupational Safety and Health.
- 1986-1988 Member, Standing Panel for Accreditation Appeals in Occupational Medicine, U.S. Accreditation Council for Graduate Medical Education.
- 1985-1986 Member, Technical Advisory Committee, Maryland Environmental Protection Plan, U.S.A.

- 1984-1986 Chairman, Governors Council on Toxic Substances, State of Maryland, U.S.A.
- 1983-1990 Member, Diagnostic and Therapeutic Technology Assessment Program (DATTA) Consultant Panel, American Medical Association.
- 1983 Chairman, State of Maryland Hazardous and Toxic Substances Study Commission - Employee Access to Information, Maryland, U.S.A.
- 1982-1988 Member, North American Contact Dermatitis Group, American Academy of Dermatology.
- 1982-1988 Member, Governor's Council on Toxic Substances, State of Maryland.
- 1979-1988 Member, Biological Subcommittee ANZSI-Z 311, Committee on Biological Effects of Lamps and Lighting Systems, American National Standards Institute.
- 1980-2002 Ad Hoc Member, Study Section on Occupational Safety and Health, U.S. National Institute for Occupational Safety and Health.
- 1978-1980 Member, Advisory Committee, Baltimore City Health Department, Cancer Control Program, Baltimore, Maryland, U.S.A.
- 1977-1978 Vice-Chairman, City of Cincinnati Environmental Advisory Council, Cincinnati, Ohio.
- 1976-1978 Member, City of Cincinnati Air Pollution Advisory and Appeals Board, Cincinnati, Ohio.
- 1976-1978 Member, Task Force on Use of Blue Cross Data in Ohio.
- 1975-1978 Member, City of Cincinnati Environmental Advisory Council, Water Committee, Cincinnati, Ohio.
- 1974-1978 Member, Citizen-Scientist Committee on Drinking Water Quality, City of Cincinnati, Cincinnati, Ohio.
- 1968-1969 Minute Secretary, Australian Council on Smoking and Health (ACOSH).