Curriculum Vitae Robert DuBois Morris, MD, PhD, MS

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Current Position

Senior Medical Advisor and Research Director Environmental Health Trust

Education

1978	BA, Engineering and Applied	Yale University
	Science	
1982	MS, Civil Engineering	University of Wisconsin- Milwaukee
1986	PhD, Environmental Engineering	University of Wisconsin- Milwaukee
1988	MS, Biostatistics	Medical College of Wisconsin
1991	MD	Medical College of Wisconsin

Academic Appointments

1986	Lecturer, Department of Civil and Environmental Engineering,	
	University of Wisconsin - Milwaukee	
1990	Visiting Scientist, Department of Health Policy,	
	Harvard University School of Public Health	
1991-1993	Assistant Professor, Division of Biostatistics and Epidemiology,	
	Medical College of Wisconsin	
1994-1996	Assistant Professor, Department of Family and Community	
	Medicine, Medical College of Wisconsin	
1996-1997	Associate Professor, Department of Family and Community	
	Medicine, Medical College of Wisconsin	
1997- 2002	Associate Professor, Department of Family Medicine and	
	Community Health, Tufts University School of Medicine	
2002-2005	Adjunct Associate Professor, Associate Professor, Department of	
	Community Health, Tufts University School of Medicine	
2002-2005	Adjunct Associate Professor, Washington State University	
	Department of Civil and Environmental Engineering	
2005-2006	Visiting Scholar, University of Washington School of Public Health	

Other Work Experience

1975	Research Assistant, Marine Biological Laboratory
	Woods Hole, Massachusetts
1976	Intern, United States House of Representatives, Sub-committee on
	Energy and Environment
1978-1979	Staff Scientist, Earth Metabolic Design, Inc.
	New Haven, Connecticut
1980-1981	Production Manager/Systems Engineer, Windworks, Inc.
	Mukwonago, Wisconsin
1982-1985	Research Assistant, Department of Civil Engineering
	University of Wisconsin – Milwaukee
1986-1990	Research Associate, Division of Epidemiology and Biostatistics
	Medical College of Wisconsin

Awards, Honors

1982-1983 1984-1985	University of Wisconsin-Milwaukee Graduate Fellowship
	University of Wisconsin-Milwaukee Dissertation Fellowship
1985	National Science Foundation Graduate Fellowship (Honorable Mention)
1985	Phi Kappa Phi Academic Honor Society
1995	Selected for 40 under 40 leaders in Milwaukee by Milwaukee Business
	Journal
1995	Elected to National Board of Sponsors for Physicians for Social
	Responsibility
1993-	Selected for Registries of Who's Who in the World, in America, in
present	Science and Engineering, in Medicine and in the Environment
2008	Best Consumer Health Books 2007- American Library Association
2008	Nautilus Gold Award for The Blue Death
2008	Washington State Book Award Finalist

Advisory Committees and Activities

<u>National</u>	
1991 – 1993	National Academy of Sciences Committee on Environmental
	Epidemiology
1991 – 1993	International Collaborative Group on Clinical Trials Registries
1993 - 1996	Grant Reviewer, Great Lakes Protection Fund
1994 - 1996	Program on Global Environmental Change and Health (Associate
	Director)
1994 - 1996	Great Lakes Protection Fund – Health Effects Advisory Board
1994 - 1995	Physicians for Social Responsibility National Board of Directors:
	Chair of Environment Committee
1995 - 2002	Grant Reviewer, National Cancer Institute
1995 - 2002	Grant Reviewer, National Institute for Environmental Health
	Sciences

1997- 2003	Boston University Superfund Research Center External Advisory Board
1996 – 2000	EPA Federal Advisory Committee on Disinfection By-products and Microbial Health Risks
1997- 2002	International Life Sciences Institute Expert Panel on Mixtures of Disinfection By-products
1998	EPA/HEI/GRI Panel on Health Effects of Low-level Carbon Monoxide
Community 1994 - 1997 1995 - 1997	Board of Directors- Fight Asthma Milwaukee (Founding Member) 16 th Street Community Health Center Advisory Committee

Teaching Responsibilities

Medical School	<u>ol</u>
1991-1995	Introduction to Epidemiology and Biostatics
1997-1999	Introduction to Epidemiology and Biostatistics (Course Director)
2000-2002	Introduction to Epidemiology
Graduate Scho	<u>ool</u>
1991-1993	Introduction to Epidemiology
1993	Advanced Topics in Epidemiology
1995	Epidemiological Methods
1995	Environmental Epidemiology
2001	Introduction to Biostatistics

Membership in Professional and Honorary Societies

1991 -	Society for Epidemiological Research
1993 -	International Society for Environmental Epidemiology
1991 -	American Public Health Association

Selected Consulting Activities

National Institute for Environmental Health Sciences
Canadian Workers Compensation Board
California, New Jersey, Wisconsin Departments of Health
Environmental Protection Agency
International Life Sciences Institute
President's Cancer Panel
Centers for Disease Control
Health Canada
Health Effects Institute
Federal Advisory Committee on Drinking Water Safety

2000 International Joint Commission on the Great Lakes

Editorial Boards and Manuscript Review

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2004 - 2006 Environmental Health Perspectives

Manuscript Reviewer

1991 -	Bio-Electromagnetics
1992 -	International Journal of Obesity Research, Statistics in Medicine
1994 -	Diabetes Care
1995 -	American Journal of Public Health
	Environmental Health Perspectives
1996 -	Annals of Epidemiology, Cancer Prevention and Control
1997-	Journal of Toxicology and Environmental Health
1999-	Epidemiology
2001-	Pediatrics
2002-	American Journal of Industrial Medicine
2004-	Journal of the American Medical Association

Bibliography:

Books

- 1. Miller AB, Bates D, Chalmers TC, Froines J, Hoel D, Melius J, Schwartz J, Goldman L, Morris RD, Schulte P, Wagener D. *Environmental Epidemiology: Volume 2*. National Academy of Sciences Press. Washington, DC, 1997.
- 2. Morris RD. *The Blue Death: Disease, Disaster, and the Water We Drink.* Harper Collins Publishing. New York, July 31, 2007.

Book Chapters, Invited Reviews

- 1. Morris RD. The electrical energy production system in transition: the critical factor of reliability. In: *Decentralizing Electrical Production*. Brown H. (ed.), Yale University Press, New Haven, Connecticut, 1983.
- 2. Morris RD. Environmental exposures and cancer: Current knowledge and the limits to scientific understanding. *Cancer Prevention International* 1994; 1:39-47.
- 3. Morris RD. Meta-analysis in cancer epidemiology. *Environmental Health Perspectives*, 1994; 102(suppl 8):61-66.
- 4. Morris RD. Drinking Water and Cancer. *Environmental Health Perspectives* 1995; 103(Suppl 8):225-232
- 5. Morris RD. Meta-Analysis in Environmental Epidemiology. *Health and Environment Digest*. 1996; 10:41-44.

- 6. Morris RD, Levin R. Estimating the incidence of waterborne infectious disease related to drinking water in the United States. In: *Assessing and Managing Health Risks from Drinking Water Contamination: Approaches and Applications*. Reichard EG, and Zapponi G. (Eds.), International Association of Hydrological Sciences Press. Great Britain, 1995.
- 7. Naumova EN, Haas TC, Morris RD. Estimation of Individual Exposure Following a Chemical Spill in Superior, Wisconsin. *Lecture Notes in Statistics*. Springer-Verlag. New York, 1997; 243-254.
- 8. Namova EN, Morris RD. Time Series Analysis as a Framework for the Characterization of Waterborne Disease Outbreaks. International Association of Hydrological Sciences Press. Great Britain. 1999.
- 9. Morris RD. Health Effects of Low Level Carbon Monoxide. In: *Carbon Monoxide Toxicology*. Penney DG, ed. CRC Press. Washington, DC. 2000.
- 10. Morris RD. Is your drinking water safe? *Bottom Line*. 2010: March 15: 11-12.
- 11. Morris RD. Creating a Sense of Urgency. Biosciencee. 2012: 62(11): 992-994.

Editorials

- 1. Birnbaum D, Morris RD. Artificial Stupidity. *Clinical Performance and Quality Health Care* 1996;4(4):195-197.
- 2. Morris RD, Ford T. Protecting our water supply. *The Boston Globe*. March 2, 1998; A9.
- 3. Griffiths JK, Morris RD. Seroepidemiology- The key to crypto surveillance. *Journal of the American Water Works Association*. 1998; 90(3);8.
- 4. Morris, RD. Pipe Dreams. *The New York Times*. October 3, 2007.

Refereed

- 1. DuBois AB, Carniol P, Morris RD. Effect of gravity and exercise on the heart rate and blood pressure of bluefish (Pomatomus saltatrix). *Biol Bull* 1975; 149:425.
- 2. Morris RD. Geostatistics and the optimal design of water quality sampling networks. *Trans Am Geophys Union* 1986; 67(16):278.
- 3. Sheldahl LM, Tristani FE, Clifford PS, Hughes CV, Sobocinski KA, Morris RD. Effect of head-out water immersion on cardiorespiratory response to dynamic exercise. *J Am Coll Card* 1987; 10(6):1254-1258.
- 4. Morris RD, Rimm DL, Hartz AJ, et.al. Obesity and heredity in the etiology of non-insulin dependent diabetes mellitus in 32,662 adult white females. *Am J Epidemiol* 1989; 130:112-121.
- 5. Nardine FE, Morris RD. Parental involvement in education: Are state governments committed? *Phi Delta Kappan* 1990; 72:363-366.

- 6. Christie JL, Sheldahl LM, Tristani FE, Wann LS, Sagar KB, Levandoski SG, Ptacin MJ, Sobocinski KA, Morris RD. Cardiovascular regulation during head-out water immersion exercise. *J Applied Phys* 1990; 69(2):657-664.
- 7. Morris RD, Rimm AA. Association of waist hip ratio and family history with the prevalence of NIDDM among 25,272 adult white females. *Am J Public Health* 1991; 81(4):507-509.
- 8. Davis DL, Friedler G, Mattison D, Morris RD, Shrader SM. Male medicated teratogenesis and other reproductive effects: Biologic and epidemiologic findings and a plea for clinical research. *Reprod Toxicol* 1992; 6:289-292.
- 9. Morris RD, Audet AM, Angelillo IF, Chalmers TC, Mosteller F. Chlorination, chlorination by-products and cancer, a meta-analysis. *Am J Public Health* 1992; 82:955-963.
- 10. Morris RD, Lau J, Arena NJ, Nardine FE, Chalmers TC. A clinical trials data base as a research tool in health care. *The Online Journal of Current Clinical Trials*, Doc No. 14, July 1992.
- 11. Morris RD, Rimm AA. Long-term weight fluctuation and non-insulin dependent diabetes in white females between the ages of 40-50. *Annals of Epidemiology* 1992; 2(5):657-664.
- 12. Goldring J, Morris RD. Ozone in Wisconsin: Potential health impacts. *Wisconsin Medical Journal* 1992; 91(5):240-242.
- 13. Morris RD, Munasinghe RL. Aggregation of predefined geographic areas to minimize spurious variability of disease rates in mapping and ecological analysis. *Statistics in Medicine* 1993; 12:1915-1929.
- 14. Morris RD, Munasinghe RL. Geographic variability in hospital admission rates for respiratory disease among the elderly in the United States. *Chest*, 1994; 106:1172-1181.
- 15. Hendee WR, Morris RD. Environmental stewardship: report of the Wingspread Conference. *Medicine & Global Survival*, 1994;1:104-108.
- 16. Morris RD. Environmental exposures and cancer: Current knowledge and the limits to scientific understanding. *Cancer Prevention International* 1994; 1:39-47.
- 17. Morris RD. Meta-analysis in cancer epidemiology. *Environmental Health Perspectives* 1994; 102(suppl 8):61-66.
- 18. Schwartz J, Morris RD. Cardiovascular Disease and Airborne Particulate Levels in Detroit, Michigan. *American Journal of Epidemiology* 1995; 142:23-35.
- 19. Morris RD, Naumova EN, Munasinghe RL. Ambient air pollution and hospitalization for congestive heart failure among the elderly in seven large US cities. *American Journal of Public Health* 1995;85:1361-1365.
- 20. Blair A, Burg J, Foran J, Gibb H, Greenland S, Morris RD, Raabe G, Savitz D, Teta J, Wartenberg D, Wong O, Zimmerman R. Guidelines for Application of Meta-analysis

- in Environmental Epidemiology. *Regulatory Toxicology and Pharmacology* 1995;22:189-197.
- 21. Morris RD. Drinking water and cancer. *Environmental Health Perspectives* 1995;103(Suppl 8)225-232.
- 22. Naumova EN, Morris RD. NAARX and GAM Predicting Surfaces in Studying Association Between Drinking Water Turbidity and Gastro-intestinal Infections. *ASA* 1995 Proceedings of the Epidemiology Section. 1995;141-146.
- 23. Morris RD, Naumova EL, Levin R, Munasinghe RL. Temporal Variation in Drinking Water Turbidity and Physician Diagnosed Gastrointestinal Infections in Milwaukee. *American Journal of Public Health* 1996;86:237-239.
- 24. Munasinghe RL, Morris RD. Localization of disease clusters using regional measures of spatial autocorrelation. *Statistics in Medicine*. 1996;15:893-906.
- 25. Morris AD, Morris RD, Wilson FJ, White J, Steinberg S, Okunief P, Arrigada R, Le MG, Blichert-Toft M, Van Dongen JA. Breast-conserving therapy vs. mastectomy in early stage breast cancer: A meta-analysis of ten year survival. *The Scientific American Cancer Journal*. 1997; 3:6-12.
- 26. Morris RD, Naumova EN, Goldring J, Hersch M, Munasinghe RL, Anderson H. Childhood Asthma Surveillance in Milwaukee, Wisconsin Using Computerized Billing Records. *Public Health Reports*. 1997;112:506-512.
- 27. Morris RD, Naumova EN, Griffiths JK. Did Milwaukee Experience Waterborne Cryptosporidiosis Before the Large Documented Outbreak in 1993? *Epidemiology*. 1998; 9:264-270.
- 28. Morris RD, Naumova, EN. Congestive Heart Failure Among the Elderly in Chicago and Ambient Carbon Monoxide, Temperature and Particulates. *Enivronmental Health Perspectives*. 1998;10:643-647.
- 29. Naumova EN, Morris RD. Statistical Tools for Detection and Evaluation of Waterborne Outbreak in Surveillance Systems. In the *Proceedings of the 1999 International Symposium on Waterborne Pathogens*. Milwaukee, WI. August 1999.
- 30. Naumova EN, Morris RD. Time series analysis as a framework for the characterization of waterborne disease outbreaks. In: *Interdisciplinary Perspectives on Drinking Water Risk Assessing and Managing*. IAHS Press. 1999; 260:127-132.
- 31. Naumova EN, Terrin N, Morris RD. A quantitative framework for characterizing waterborne outbreaks. *Proceedings of the Biometrics Section of the American Statistical Association*. 1999; 117-122.
- 32. Naumova EN, Chen JT, Griffiths JK, Matyas BT, Estes-Smargiassi S, Morris RD. The use of passive surveillance data to study temporal and spatial variation in the incidence of giardiasis and cryptosporidiosis. *Public Health Reports*. 2001; 115:436-447.
- 33. Morris RD. Airborne Particulates and Hospital Admissions for Cardiovascular Disease: A Quantitative Review of the Evidence. *Environmental Health Perspectives*.2001; 109 Suppl:495-500.

- 34. Morris RD, Cole DJ. Environmental Health Indicators for Fresh Water Environments. *Canadian Journal of Public Health*. 2002; 93:S39-44.
- 35. Naumova EN, Egorov AI, Griffiths JK, Morris RD. The elderly are a sensitive subpopulation for waterborne cryptosporidium infection: gastroenteritis in the elderly before and during the 1993 Milwaukee cryptosporidiosis outbreak. *Epidemiology of Infectious Disease*. 2003.
- 36. Egorov AI, Montuori Trimble LM, Ascolillo L, Ward HD, Levy DA, Morris RD, Naumova EN, Griffiths JK. Recent diarrhea is associated with elevated salivary IgG responses to Cryptosporidium in residents of an eastern Massachusetts community. *Infection*. 2010 Apr;38(2):117-23.
- 37. Morris RD, Morgan L, Davis DL. Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation from Mobile Phones than Adults. IEEE Access,
- 38. Fernández C, Racini SM, de Salles A, Morris RD, Davis DL. Estimating age-specific exposures to laptops and cell phones with anatomically-based models. Submitted
- 39. Fernández C, Racini SM, de Salles A, Morris RD, Davis DL. Simulation of PsSAR associated with the use of laptop computers as a function of position in relation to the adult body. Submitted
- 40. Álvarez ,Y de Salles A, Morris RD, Davis DL. Specific Absorption Rate (SAR) simulations in eyewear and Bluetooth communicating devices operating close to the user's head Submitted.

Technical Reports

- 1. Morris RD. Energy storage and grid integration in On Site Generation: An energy conservation and management plan by EMD, Inc for National Park Service, US Department of the Interior, 1979.
- 2. Morris RD. The potential for energy storage and grid integration. In: Renewable Resources in Connecticut's Future by EMD, Inc for Connecticut State Energy Division, 1979.
- 3. Morris RD. Report on the integration of small wind energy conversion systems with utility grids; for Rockwell International, Rocky Flats, Colorado, 1981.
- 4. Nardine FE, Morris RD, Nardine E. A guide toward understanding the absorption refrigeration process; for Milwaukee County, Milwaukee Wisconsin, 1983.
- 5. Lee KK, Chen CL, Leonard K, Morris RD. A Water Quality Model for the Lower Fox River and Lower Green Bay; for the Green Bay Metropolitan Sewerage District, 1985.
- 6. Lee KK, Morris RD. An Analysis of Mixing Zone Characteristics for the Green Bay Metropolitan Sewerage District; 1985.
- 7. Morris RD, Naumova EN, Zhang C, Chubin, HS. Human Health Effects Study of a Spill of Aromatic Distillates in Superior, Wisconsin; for the Agency for Toxic Substances and Disease Registry, 1997.

8. Baker S, Bond J, Bull R, Daniel P, Evans M, Foran J, Glaze W, Morris R, Staff T, Teuschler L, Yang R. Assessing the Toxicity of Exposure to Mixtures of Disinfection By-products: Research Recommendations. International Life Sciences Institute, 1998.

Invited Lectures and Workshops:

Invited Presentations

- 1. "Who are Effective Communicators of Environmental Risks?". A Keynote Address at the Wingspread Conference on Environmental Stewardship and Environmental Health. Racine, Wisconsin, July 1992.
- 2. "Geographic Distribution of Breast Cancer among the Elderly in the United States." International Society for Environmental Epidemiology, Cuernavaca, Mexico, August 1992.
- 3. "Health Benefits and Risks of Water Chlorination". Symposium on Health Effects of Great Lakes pollution. Milwaukee, Wisconsin, October 1992.
- 4. "Meta-analysis in Cancer Epidemiology". US-Japan Conference on Biostatistics and Cancer. Tokyo, Japan, November 1992.
- 5. "Cancer risks from Chlorination and Chlorination by-products as indicated by studies of human populations". College of DuPage Seminar on The Chlorine Dilemma. Glen Ellyn, IL, December 1992.
- 6. "Geographic Distribution of Breast Cancer Incidence among the Elderly based on Medicare Billing Data". NIEHS/Health and Welfare Canada Workshop on Breast Cancer and the Environment, Washington, DC, December 1992.
- 7. "Priorities in Environmental Health". Fifth National Conference on Environmental Health, Atlanta, Georgia, December 1992.
- 8. "Meta-analysis: The View from Clinical Trials". ISEE/ISEA Symposium on Meta-analysis for Environmental Epidemiology and Exposure Analysis. Atlanta, Georgia, May 1993.
- 9. "Breast Cancer in Wisconsin". American Cancer Society Wisconsin Chapter Conference, Appleton, Wisconsin, September 1993.
- "Environmental Risk Factors for Colorectal Cancer" National Institute of Environmental Health Sciences workshop, Research Triangle Park, North Carolina, September 1993.
- 11. "Geographic Distribution of Breast Cancer in the Elderly". Midwest Consortium of Cancer Centers, Ann Arbor, Michigan, September 1993.

- 12. "Breast Cancer and the Environment: Directions for Future Research". Long Island Breast Cancer Action Coalition on Breast Cancer and the Environment, Garden City, New York, November 1993.
- 13. CDC Workshop on the Health Effects of Air Pollution from Non-nuclear Energy Production and Use. Atlanta, Georgia, January 1994.
- "Cancer, Chlorination, and Cryptosporidium: Health Risks from Drinking Water", National Convention of the Water Quality Association. Phoenix, Arizona, March 1994.
- 15. "Drinking Water and Human Health", Keynote Address to California Forum on the Safety of Drinking Water. San Francisco, California, April 1994.
- 16. "Drinking Water and Cancer", President's Cancer Panel. Bethesda, Maryland, April 1994.
- 17. "Water Borne Infectious Disease: from Cholera to Cryptosporidium," Energy and the Environment Studies Institute Symposium on Drinking Water Safety. Washington, D.C., June, 1994
- 18. "Meta-analysis in Environmental Epidemiology: Lessons Learned," International Life Sciences Institute Workshop on Meta-analysis. Washington, D.C., August, 1994.
- 19. "Chlorine, Cryptosporidium and CDC: Musings from Milwaukee," National Center for Environmental Health. Atlanta, Georgia, November, 1994.
- 20. "Drinking Water and Regulatory Reform," Testimony to the Senate Judiciary Committee, Washington, D.C., March, 1995.
- 21. "Drinking Water, Human Health, and Risk Assessment," Energy and the Environment Studies Institute Symposium on Risk Assessment. Dirksen Senate Office Building, Washington, D.C., April, 1995.
- 22. "Chlorination By-products and Cancer," Harvard School of Public Health. Boston, MA, April, 1995.
- 23. "Breast Cancer and Wisconsin's Environment," Women's Health and the Environment Network. Milwaukee, Wisconsin, October, 1995.
- 24. "Carbon Monoxide Symposium with Medical and Safety Groups," National Safe Kids Campaign. Washington, D.C., December 1995.
- 25. "Carbon Monoxide and the Risk of Cardiovascular Disease," Consumer Products Safety Commission. Bethesda, MD., February 1996.

- 26. "Chlorination By-products and Cancer," Harvard School of Public Health. Boston, MA, May, 1996.
- 27. "Drinking Water and Human Health," International Society for Environmental Epidemiology Annual Meeting. Taipei, Taiwan. August, 1997.
- 28. "Health Effects of Carbon Monoxide: Recent Studies," International Gas Research Institute US EPA Conference on Health Effects of Low Level Carbon Monoxide. Chicago, IL. April, 1998.
- 29. "Drinking Water Epidemiology," Harvard School of Public Health. Boston, MA, April, 1998.
- 30. "Carbon Monoxide: Review of Epidemiological Studies," US EPA Review Panel. Durham, NC. April, 1998.
- 31. "Epidemiology of Drinking Water and Health," 50th Anniversary of Ionics Inc. Boston, MA. December, 1998.
- 32. Time Series Methods for the Study of Waterborne Infectious Disease. EPA Symposium on Drinking Water and Health, Washington, DC. February, 1999.
- 33. Epidemiological Studies of Disinfection By-products and Cancer: A Review of the Evidence. EPA Federal Advisory Committee, Washington, DC. June, 1999.
- 34. Time Series Methods for the Estimation of Waterborne Disease Incidence. EPA Workshop on Estimating the Incidence of Waterborne Infectious Disease in the United States. Washington DC. November 20, 1999.
- 35. Chemical Contaminants in Drinking Water. Massachusetts Public Health Officers Annual Meeting. Worcester, MA. February 8, 2000.
- 36. Epidemiology of Waterborne Disease. Joint Russian-US Symposium on Drinking Water Purification. Boston, MA. February 15, 2000.
- 37. Health Risks from Chemicals in Drinking Water. (Speaker and Session Chair) at PSR Conference: "Drinking Water and Disease: What Every Health Care Provider Should Know", Washington, DC. March 10, 2000.
- 38. Epidemiology of Airborne Particles and Cardiovascular Disease. American Thoracic Society Workshop on Airborne Particulates. Phoenix, AZ. April, 2000.
- 39. Morris RD, Munasinghe RL, Naumova EN. Geographic Variability in Hospital Admissions for Infectious Diseases Among the Elderly in the United States. Annual Meeting of the International Society for Environmental Epidemiology. August 2000.
- 40. Morris RD, Griffiths JK, Naumova EN. Use of Seroepidemiological Time Series to Estimate the Incidence of Waterborne Disease: Methods and Preliminary Results.

- Annual Meeting of the International Society for Environmental Epidemiology. August 2000.
- 41. Drinking Water and Public Health. Medical Grand Rounds. Saint Elizabeth's Medical Center. Boston, MA. August 2000
- 42. Environmental Health Indicators for Fresh Water Environments. International Joint Commission on the Great Lakes. Quebec, Canada. October, 2000.
- 43. Occurrence of Cryptosporidium Oocysts in a Multi-use Watershed in Relation to Land Use and Rainfall. Workshop on the Health Effects of Waterborne Infectious Disease, and Disinfection By-products. Chicago, IL. March, 2001
- 44. Drinking Water and Your Patient's Health. Massachusetts Medical Society Earth Day Conference. Boston, MA. May 2001.
- 45. Emerging Issues in Drinking Water Epidemiology. Harvard University School of Public Health. Boston, MA. May 2001.
- 46. John Snow and the Future of Drinking Water. University of Maryland School of Public Health. College Park, MD. September 2007
- 47. Disease, Disaster, and the Water We Drink, Montana State Conference on Environment and Infectious Disease, Plenary Session, Big Sky Montana, November, 2007.
- 48. John Snow, Water, and Public Health, Washington State Public Health Association, Keynote Address, Yakima, WA, October 2007.
- 49. The Blue Death: The Past, Present and Future of the Water We Drink.. Harvard School of Public Health. Boston, MA. April 2008.
- 50. The Blue Death: The Anatomy of an Inconvenient Truth. AIBS Annual Conference. Annapolis, MD. May 2008.
- 51. The Blue Death. Freshman Book Speaker. Tufts University. September 2008.
- 52. The Blue Death. Campus Book Speaker. Winona State University. Winona, Minnesota. Fall 2008 and Spring 2009.
- 53. Global Water: Keynote Speech for Conference on Global Health. Medical College of Wisconsin, Milwaukee. 2013.
- 54. Drinking Water: An Unauthorized Biography. University of Washington School of Public Health Environmental Health Seminar. Seattle, WA. 2013.
- 55. The Risk of the Invisible: from Cholera to Cell Phones. The Real Truth About Health Conference. Orlando, FL. 2015.

- 56. Plan B 4.0 mobilizing to save civilization, the climate change, resource depletation and environmental solution. Panel Discusion with John Englander, Helen Caldicott, Seth B. Darling. The Real Truth About Health Conference. Orlando, FL. 2015.
- 57. Mobile phone radiation and cancer: a current update Bioelectromagnetic Society Annual Conference. Asilomar, CA. 2015.

Workshops Convened

- 1. National Workshop on Inner-City Asthma Surveillance. Milwaukee, Wisconsin. February, 1994.
- 2. Wingspread Conference on Environmental Health Education for Physicians in the Great Lakes Basin. Racine, Wisconsin. November, 1994.
- 3. Drinking Water and Health: From Science to Public Policy. Boston, Massachusetts. April, 1998.
- 4. Environmental Epidemiology: From the Outside Looking In. at the Annual Meeting of the International Society for Environmental Epidemiology. Boston, Massachusetts. August, 1998.
- 5. Safety of Wireless Transmitting Devices. at the Annual Meeting of the Bioelectromagnetic Society. Asilomar, CA. June, 2015.

Research Grants, Contracts, Awards

- 1. "Brain Cancer Distribution and Diagnosis in the US Elderly." 1/1/92 12/31/92 \$10,000. Principal Investigator. Source: American Cancer Society.
- 2. "The Geographic Distribution of Respiratory Disease Among the US Elderly." 6/1/92
 5/31/93 \$25,000. Principal Investigator. Source: National Institute of Environmental Health Sciences.
- 3. "Ecological Studies of Cancer in the US." 7/1/92 6/30/94 \$116,000. Co-Investigator. Source: American Cancer Society.
- 4. "Ozone and Respiratory Disease in Southeast Wisconsin." 7/1/92 6/30/94 \$50,000. Principal Investigator. Source: Wisconsin Department of Natural Resources.
- 5. "Asthma Surveillance Project." 2/1/94 11/30/94 \$61,000. Principal Investigator. Source: Centers for Disease Control.
- 6. "Environmental Health Education for Great Lakes Physicians." 3/1/94 2/28/95 \$60,000. Principal Investigator. Source: Great Lakes Protection Fund.
- 7. "Health Effects Study of Superior Wisconsin Tank Car Spill." 10/1/95 9/30/97 \$135,000. Co-Principal Investigator. Source: ATSDR.

- 8. "Inner City Asthma Surveillance and Intervention." 10/1/95 9/30/97 \$80,000. Co-Principal Investigator. Source: Centers for Disease Control.
- 9. "Ambient Air Pollution and Cardiovascular Morbidity." 7/1/96 6/30/01 \$525,000. Principal Investigator. Source: National Institute of Environmental Health Sciences.
- 10. "Sources of Lead in Housing Following Abatement." 6/1/97 9/30/98. \$104,445. Principal Investigator. Source: Department of Housing and Urban Development.
- 11. 'Health Effects of Water Quality in the Merrimac River Basin." 6/1/98 6/31/99. \$30,000. Principal Investigator. Source: Tufts Institute on the Environment.
- 12. "Drinking Water and Cryptosporidiosis in Eastern Massachusetts." 9/1/98 –9/1/99. \$40,000. Principal Investigator. Source: US. EPA.
- 13. "Assessing Rates of Waterborne Infectious Disease" 12/15/98 12/15/99. \$146,600. Principal Investigator. Source: Centers for Disease Control and Prevention.
- 14. "Waterborne Emerging Diarrheal Diseases Study" 10/1/99 9/30/04. \$4,055,403. Coprincipal Investigator. Source: National Institute for Allergies and Infectious Diseases.
- 15. "Recreational Water and Cryptosporidiosis" 7/1/99 6/30/02. \$758,000. Co-principal Investigator. Source: Centers for Disease Control and Prevention.
- 16. "Waterborne Emerging Diarrheal Diseases Study"- Supplement 4/1/01 9/30/04.
 \$1,197,000. Co-principal Investigator. Source: National Institute for Allergies and Infectious Diseases