# *Curriculum Vitae*
# Leslie Thomas Stayner, MSc, PhD

## CONTACT INFORMATION

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## EDUCATION

1986-1989 **University of North Carolina** Chapel Hill, NC
Ph.D. in Epidemiology with a formal minor in Biostatistics received on August 14, 1989.

1978-1980 **Harvard School of Public Health** Boston, MA
M.Sc. in Epidemiology and Occupational Health and Safety, received on June 5, 1980.

1974-1977 **University of Massachusetts** Boston, MA
B.A. in Biology, Magna Cum Laude on June 2, 1977.

## WORK EXPERIENCE

2003- **Professor of Epidemiology and Biostatistics**
University of Illinois at Chicago, School of Public Health, Chicago, Illinois.

2016- **Adjunct Professor**
University of Southern Denmark, Faculty of Health Sciences, Odense, Denmark.

2012- **Adjunct Research Professor**
Center for Research on Environmental Epidemiology (CREAL), Barcelona, Spain

2008- **Director of Occupational and Environmental Epidemiology**
University of Illinois at Chicago Occupational and Environmental Health and Safety Education and Research Center



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2011 **Visiting Scientist**
Center for Research on Environmental Epidemiology (CREAL), Barcelona, Spain.

2003-2010 **Director of the Division of Epidemiology and Biostatistics**
University of Illinois at Chicago, School of Public Health, Chicago, Illinois.

1995-2003 **Chief of the Risk Evaluation Branch**
National Institute for Occupational Safety and Health,
Education and Information Division, Cincinnati, Ohio.

2001-2002 **Visiting Scientist**
International Agency for Research on Cancer (IARC)
Cancer Identification and Evaluation Unit, Lyon, France

1989-1995 **Assistant Director for Risk Assessment**
National Institute for Occupational Safety and Health (NIOSH), Division of Standards Development and Technology Transfer, Cincinnati, Ohio.

1988-1989 **Assistant Section Chief**
National Institute for Occupational Safety and Health, Division of Surveillance, Hazard Evaluations and Field Studies, Industrywide Studies Branch, Cincinnati, Ohio.

1980-1988 **Epidemiologist**
National Institute for Occupational Safety and Health, Division of Surveillance, Hazard Evaluations and Field Studies, Industrywide Studies Branch, Cincinnati, Ohio

## AWARDS AND HONORS

2013 H.A. Tyroler Distinguished Alumni, Department of Epidemiology, University of North Carolina at Chapel Hill

2012 NIOSH Alice Hamilton Science Award Winner

2011 Elected Fellow of the Collegium Ramazzini

2011 Agaur Fellowship from the Catalan Ministry of Education, Barcelona, Spain

2008 NIOSH Alice Hamilton Science Award Winner

2002 Honorable mention for the NIOSH Alice Hamilton Science Award



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2001 Visiting Scientist Award of the International Agency for Research on Cancer (IARC) in Lyon, France.

2000 NIOSH Special Act Award for organizing workshop on "Future Research for Improving Risk Assessment Methods"

1999 NIOSH Nominee for the CDC Charles Shepard Award

1998 NIOSH Special Act Award for creating a risk assessment program

1996 Finalist CDC Statistical Science Award

1995 NIOSH Nominee for the CDC Charles Shepard Award

1994 NIOSH Alice Hamilton Science Award Winner

1993 NIOSH Alice Hamilton Science Award Winner

1993 NIOSH Nominee for the CDC Charles Shepard Award

1990 NIOSH Superior Performance Award

1989 NIOSH Alice Hamilton Science Award Winner

1989 NIOSH Special Service Award for Conduct of an investigation of nitroglycerin and cardiovascular mortality in munitions workers

1986 NIOSH Long Term Training Award

1977 Graduated Magna Cum Laude, University of Massachusetts

**SERVICE**

Member of the Governing Board of Epidemiology in Occupational Health (EPICOH).

Member of the U.S. EPA's Scientific Advisory Board, Chemical Assessment Advisory Committee. December 2012- present.

Member of the Cochrane Editorial Board for Occupational Health and Safety since 2016.

Chair of of the International Agency for Research on Cancer (IARC) on IARC Monographs on Coffee and Hot Beverages, June 2016.

Member of the International Agency for Research on Cancer (IARC) on IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Volume 111: Some nanomaterials and some fibres." October 1-8, 2014, Lyon, France.

Chair of the Organizing Committee of the EPICOH 2014 Conference on "Challenges for Occupational Epidemiology in the 21st Century" in Chicago, June 24-27th, 2014.

Consultant to the New York City Health Department for their World Trade Center Cohort Studies. 2006 to present.

Member of the Scientific Advisory Committee for the Hebrew University Center of Excellence in Agriculture and Environmental Health. The Hebrew University of Jerusalem. June 2012 to present.

Member of the International Agency for Research on Cancer (IARC) Panel on Volume 100+, Mechanisms of Carcinogenesis, November 2012.

Chair of the Epidemiology Section for the International Agency for Research on Cancer (IARC) on the IARC Monograph on the Evaluation of Carcinogenic Risks to Humans on Metals, Particles and Fibers. Lyon, France: 17-24 March 2009.

Chair of the Epidemiology Section for the International Agency for Research on Cancer (IARC) on the IARC Monograph on the Ethylene Oxide, 1,3-Butadiene, Vinyl Chloride and other Vinyl Halides. Lyon, France: 4-12 June 2007.

Member of the Epidemiology Section for the International Agency for Research on Cancer (IARC) on the IARC Monograph on Man Made Mineral Fibres. Lyon, France: 2001.

Member of the Epidemiology Section for the International Agency for Research on Cancer (IARC) on the IARC Monograph on Styrene, Naphylamine and Some Mycotoxins and Herbal Medicines, Lyon, France: 2001.

Member of the Epidemiology Section for the International Agency for Research on Cancer (IARC) on the IARC Monograph on Tobacco Smoke. Lyon, France: 2002.

Member of the Epidemiology Section for the International Agency for Research on Cancer (IARC) on the IARC Monograph on Printing Processes and Printing Inks, Carbon Blacks and Some Nitro Compounds. Lyon, France: 1995.

Member of the National Research Council Committee to Review EPA's Draft IRIS Assessment of Formaldehyde. August-January 2010.

Member of Expert Panel on Chrysotile Asbestos convened by Health Canada in Montreal on November 2007.

Member of the Scientific Advisory Board for the US EPA review of a "Proposed Approach for Estimation of Bin Specific Cancer Potency Factors for Inhalation Exposure to Asbestos". Washington DC, 2008.

Consultant to the Centers for Disease Control, Center for Environmental Health on Studies of Children Exposed to Formaldehyde in Temporary Housing Units from Hurricane Katrina, 2007 to 2009.

Chair of Epidemiology Section for WHO Workshop on Mechanisms of Fibre Carcinogenesis and Assessment of Chrysotile Asbestos Substitutes
Lyon, France: 8-12 November 2005.

Chair of the Epidemiology Section for the IARC Monograph meeting on Formaldehyde, Lyon, France 2-9 June 2004.

Member of the Institute of Medicine (NAS) Committee on the "Making best use of the Agent Orange exposure reconstruction model, 2007.

Member of the National Research Council (NAS) Committee on trichloroethylene. 2005- 2006.

Co-chair of a panel to review an EPA proposed "Protocol to assess asbestos risk" in San Francisco, California on February 26-27, 2003.

Leader of the NIOSH National Occupational Research Agenda (NORA) team on Risk Assessment Methodology. 1996 to 2003.

Member of the American Chemistry Council's Epidemiology Topic Implementation (TIP) team. 2000-2002.

Head of the organizing committee for a workshop on "Future Research for Improving Risk Assessment Methods" that was held in Aspen, Colorado on August 16-18, 2000.

Consultant to the U.S. EPA's Clean Air Scientific Advisory Committee (CASAC) on review of the "Health Risk Assessment Document for Diesel Exhuast. 1998.

Chair Adult Cancer Session for NIEHS EMF Epidemiology Meeting,1998.

Task Group Member at the WHO Meeting on Environmental Criteria Document on Chrysotile Asbestos, July 1-6, 1996 in Geneva.

Task Group Member at the WHO Meeting on Environmental Health Criteria Document on Methylene Chloride. Frankfort, Germany. March 1995.

Participant at the IARC Workshop on the Quantitation and Prediction of Carcinogenic Hazards in Humans, October 1993.

Task Group Member at the WHO/IPC Meeting on the Environmental Health Criteria Document (210) on Principles for the Assessment of Risks to Human Health from Exposure to Chemicals. Casharlton, England 1993.

Federal Liaison to the NRC Committee on Risk Assessment Methodology 1990-1993.

Testified for NIOSH at OSHA hearings on formaldehyde (May 5,1986), cadmium (June 8, 1990), on 1,3-butadiene (January 17, 1991), methylene chloride (September 21, 1992) and glycol ethers (July 21, 1993).

Planning Committee Member for the 9th International Symposium on Epidemiology in Occupational Health. Cincinnati, Ohio, October 1992.

Co-organizer and Session Chair for Epidemiologic Methods Workshop. Cincinnati, Ohio, October 1992.

Co-organizer of a Symposium on Occupational Health Risk Assessment: Directions for the 90's, Boston, Massachusetts, May 27, 1992.

Member of the NIOSH Secondary Extramural Grant Review Committee 1987-1989.

Member of the Formaldehyde Panel, Workshop on the Contribution of Airborne Pollutants to Respiratory Cancer. July 1985, Snowbird, Utah.

Chairperson of the Epidemiology Sub-Group, Interagency Risk Management Group on Formaldehyde 1984.

**UNIVERSITY/SCHOOL COMMITTEES**

Member of the Promotion and Tenure Committee, University of Illinois at Chicago, School of Public Health from 2014-present.

Member of the Committee on Academic Progress, University of Illinois at Chicago, School of Public Health from 2012-2014.

Member of the Doctorate of Public Health Committee. University of Illinois at Chicago, School of Public Health from 2011-2012.

Member of the Executive Committee, University of Illinois at Chicago, School of Public Health from 2003-2010.

Member of the Curriculum Committee, University of Illinois at Chicago, School of Public Health, Division of Epidemiology and Biostatistics 2003-present.

## EDITORIAL BOARDS

Associate Editor for the journal Environmental Health

Editorial Board for Current Environmental Health Reports

Contributing Editor for the American Journal of Industrial Medicine

Editorial Board Human and Ecological Risk Assessment

Editorial Board of the Archives of Occupational and Environmental Medicine

Editorial Board of the Journal of Environmental Justice

## PROFESSIONAL AFFILIATIONS

Fellow of the American College of Epidemiology since 2003.

Fellow of the Collegium Ramazzini since 2010.

Member of the Society for Epidemiologic Research, American Public Health Association, International Society for Environmental Epidemiology and the International Commission on Occupational Health.

## SCIENTIFIC JOURNAL PUBLICATIONS

1. Thun M, **Stayner L**, Brown D, and Waxweiler R. Mining and deaths from chronic renal failure. The Lancet, letter to the editor, September 11, 1982:pg. 606.

2. Halperin WE, Goodman M, **Stayner L**, Elliott LJ, Keenlyside RA, and Landrigan PJ. Nasal cancer in a worker exposed to formaldehyde. J Am Med Assoc, 1983:249;510-512.



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3. **Stayner L**, and Wegman D. Smoking, occupation and the histopathology of lung cancer: A case control study using the Third National Cancer Survey. J Nat Cancer Inst, 1983:70(3);421-426.

4. Bernstein RS, **Stayner LT**, Elliott LJ, Kimbrough R, Falk H, and Blade L. Inhalation exposure to formaldehyde: An overview of its toxicology, epidemiology, monitoring and control. Am Ind Hyg Assoc J, 1984:45(11);778-785.

5. **Stayner L**, Meinhardt T, Lemen R, Bayliss D, Herrick R, Reeve GR, Smith AB, and Halperin W. A retrospective cohort mortality study of a phosphate fertilizer facility, Arch Env Health, 1985:40(3);133-138.

6. **Stayner L**, Smith AB, Reeve G, Blade L, Elliott L, Keenlyside R, and Halperin W. Proportionate mortality study of workers in the garment industry exposed to formaldehyde. Am J Ind Med, 1985:7;229-240.

7. Nelson N, Levine RJ, Albert RE, Blair AE, Griesemer RA, Landrigan PJ, **Stayner LT**, and Swenberg JA. Contribution of Formaldehyde to human cancer. Env Health Persp, 1986:70;23-35.

8. Steenland K, **Stayner L**, and Greife A. Assessing the feasibility of retrospective cohort studies. Am J Ind Med, 1987:12;419-430.

9. Roush GC, Walrath J, **Stayner LT**, Kaplan SA, and Flannery JT. Nasopharyngeal cancer, sinonasal cancer, and occupations related to formaldehyde: A case-control study. J Nat Cancer Inst, 1987:79(6);1221-1224.

10. **Stayner LT**, Elliott L, Blade L, Keenlyside R, and Halperin W. A retrospective cohort mortality study of workers exposed to formaldehyde in the garment industry. Am J Ind Med, 1988:13;667-681.

11. Greife AL, Hornung, RW, **Stayner LT**, Steenland KW. Development of a model for use in estimating exposure to ethylene oxide in a retrospective cohort mortality study. Scand J Work Env Health, 1988:l4;29-30.

12. Steenland KJ, Beaumont J, Spaeth S, Brown D, Okun A, Jurcenko L, Roscoe B, **Stayner L**, and Morris L. New developments in the NIOSH lifetable system. J Occ Med, 1990:32(11);1091-1098.

13 Steenland K and **Stayner L**. Reply to a letter regarding: Mortality among workers exposed to ethylene oxide. New Engl J Med, October 24, 1991.

14. Steenland K, **Stayner L**, Greife A, Halperin W, Hayes R, Hornung R, and Nowlin S. Mortality among workers exposed to ethylene oxide. New Engl J Med, May 16, 1991.

15. Steenland K, and **Stayner L**. The importance of employment status in cohort mortality studies. Epidemiology, 1991:2(6);418-423.

16. Dankovic DA, **Stayner L**, Smith RA, and Bailer AJ. Letter to the Editor Regarding the Carcinogenicity of Butadiene. Science, September 4, 1992;257.

17. **Stayner L**, Smith R, Thun M, Schnorr T, and Lemen, R. A dose-response analysis and quantitative assessment of lung cancer risk and occupational cadmium exposure. Annals Epid, 1992:2(3);177-194.

18. **Stayner LT**, Dannenberg AL, Thun M, Reeve G, Bloom TF, Boeniger M, Halperin W. Cardiovascular mortality of workers exposed to nitroglycerin and dinitrotoluene. Scan J Work Env, 1992:18;34-43.

19. **Stayner LT**, Dannenberg AL, and Thun M. Hepatobiliary cancer mortality among munitions workers exposed to dinitrotoluene. J Occ Med, 1992:35(3);291-296.

20. **Stayner L**, Smith R, Thun M, Schnorr T, and Lemen, RA. Letter to the Editor Regarding Cadmium. Annals Epid, 1993:3(1);114-118.

21. **Stayner L** and Bailer AJ. Comparing toxicologic and epidemiologic studies: Methylene Chloride a case study. J Soc for Risk Anal, 1993: 13(6);667-673.

22. **Stayner L**, Steenland K, Greife A, Hornung R, Nowlin S, Morawetz J, Ringenburg V, Elliot L, Hayes R, and Halperin W. An exposure-response analysis of cancer mortality among a cohort of workers exposed to ethylene oxide. Am J of Epid, 1993:138(10);787-98.

23. **Stayner LT** and Smith RJ. Methodologic issues in using occupational studies for cancer risk assessment. Epidemiologia e Prevenzione, 1993:53;32-39.

24. Hornung RW, Greife AL, **Stayner LT**. A statistical model for prediction of retrospective exposures in an occupational mortality study. Am J Ind Med, 1994:25;825-36.

25. **Stayner L** and Bailer J. Response to Hearne and Lednar. Letter to the editor Risk Analysis, 1994:14(6);903-904.

26. Bailer J and **Stayner L.** Contrasting the utility of toxicologic and epidemiologic information for quantitative risk assessment. Informatik, Biometrie und Epidemiologie in Medizin und Biologie, 1994:25(4);219-214.

27. Salvan A, Dankovic D, **Stayner L**. An approach to the quantitative assessment of cancer risk in relation to occupational exposure to dioxin: limitations and variability of TCDD dose-rate estimates. Informatik, Biometrie und Epidemiologie in Medizin und Biologie 1994:25(4);292-300, .

28. **Stayner L,** Smith R, Bailer J, Luebeck EG and Moolgavkar SH. Modeling epidemiologic studies of occupational cohorts for the quantitative assessment of carcinogenic hazards. Am J Ind Med, 1995:27;155-70.

29. Rice FL and **Stayner LT**. Assessment of silicosis risk for occupational exposure to crystalline silica. Scan J Work and Env, 1995:21(Suppl 2);87-90.

30. Kuempel ED, **Stayner LT**, Attfield MD, and Buncher RC. An exposure-response analysis of mortality among U.S. coal miners. Am J Ind Med, 1995:28;167-184.

31. Salvan A, **Stayner L**, Steenland K and Smith R. Selecting an exposure lag period. Epidemiology, 1995:6(4);387-390.

32. [ SEQ CHAPTER \h \r 1]Steenland K, Deddens J, Salvan A and **Stayner L**. Healthy worker effect and cumulative exposure. Letter to the editor Epidemiology, 1995: 6(3);339-40.

33. **Stayner LT**, Dankovic DA and Lemen RA. Occupational exposure to chrysotile asbestos and cancer risk: a review of the amphibole hypothesis. Am J Public Health. 1996:86(2);179-86.

34. Sieber K, **Stayner LT**, Malkin R, Petersen MR, Mendell MJ, Wallingford KM, Crandall K, Wilcox TG, Reed L. The NIOSH Indoor Environmental Evaluation Experience: Part Three, Associations Between Environmental Factors and Self-Reported Health Conditions. Appl Occ Env Hyg 1996:11(12);1387-1392.

35. **Stayner L**, Kuempel E, Rice F, Prince M, and Althouse R. Approaches for assessing the efficacy of occupational health and safety standards. Am J Ind Med, 1996:29;353-357.

36. Steenland K, Deddens J, Salvan A and **Stayner L**. Negative bias in exposure-response trends in occupational studies: Modeling the healthy workers survivor effect. Am J Epi, 1996:143(2);202-210.

37. **Stayner LT**, Smith R, Bailer J, Gilbert S, Steenland K, Dement J, Brown D and Lemen R. Exposure-Response Analysis of Respiratory Disease Risk Associated with Occupational Exposure to Chrysotile Asbestos. Occupational and Environmental Medicine, 1997:54(9);646-652.

38. Bailer AJ, **Stayner LT**, Smith RJ, Kuempel ED and Prince MM. Estimating benchmark concentrations and other non-cancer endpoints in epidemiology studies. Risk Analysis, 1997:17(6);771-780.

39. Kuempel ED, **Stayner LT**, Attfield MD, Buncher CR. Risks of occupational respiratory diseases among U.S. coal miners. Appl Occup Environ Hyg, 1997:12(12);823-831.

40. Kuempel ED, O'Flaherty EJ, **Stayner LT**, Attfield MD, Green FHY and Vallyathan V. Relationship between lung dust burden, pathology and lifetime exposure in an autopsy study of U.S. coal miners. Ann Occ. Hygiene, 1997:41(Supplement 1);384-89.

41. Bailer AJ, Reed LD, **Stayner LT.** Modeling fatal injury rates using Poisson regression: A case-study of workers in agriculture, forestry and fishing. Journal of Safety Research,1997:28(3);77-186.

42. **Stayner LT**, Smith R, Bailer AJ, Gilbert S, Steenland K, Dement J, Brown D and Lemen R. An exposure-response analysis of respiratory disease risk associated with occupational exposure to chrysotile asbestos. Inhaled Particles III. Ann Occ Hyg,1997:41(Supplement 1);137-141

43. Steenland K and **Stayner L**. Silica, asbestos, man-made mineral fibers and cancer. Cancer Causes and Control, 1997:8;491-503.

44. **Stayner LT**, Dankovic D, and Lemen R. Response to letters from Wagner JC on Asbestos Related Cancer and the Amphibole Hypothesis. Am J Pub Health, 1997:87(4);687-8.

45. **Stayner LT**, Dankovic D, and Lemen R. Response to letters from Langer and Nolan, and by Mossman and Gee on Asbestos Related Cancer and the Amphibole Hypothesis. Am J Pub Health, 1997:87(4);691.

46. Prince MM, **Stayner LT**, Smith RJ, and Gilbert S. A re-examination of risk estimates from the NIOSH Occupational Noise and Hearing Survey (ONHS). J Acous Soc Am, 1997:101(2);950-63.

47. Tomatis L, Huff J, Hertz-Piccoto I, Sandler D, Bucher J, Boffetta P, Axelson O, Blair A, Taylor J, **Stayner L**, and Barrett JC. Avoided and avoidable risks of cancer. Carcinogenesis, 1997:17(11);97-105.

48. [ SEQ CHAPTER \h \r 1]**Stayner LT**, Dankovic D, and Lemen R. Response to letters from Wagner JC on Asbestos Related Cancer and the Amphibole Hypothesis. Am J Pub Health, 1997:87(4);687-8.



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49. Bailer AJ, **Stayner LT**, Stout NA, Reed LD and Gilbert SJ. Trends in occupational fatal injury rates in the United States (1983-1992). Journal of Occupational and Environmental Medicine, 1998:55; 485-498.

50. Bailer, AJ, **Stayner, LT**, Halperin, W and Reed, LD. Comparing injury and illness risk assessments for occupational hazards. Human and Ecological Risk Assessment, 1998:4(6); 1265-1274.

51. Gilbert, SJ, Bailer, AJ, and **Stayner, LT.** Years of potential life lost due to occupational fatal injury in the United States. Human and Ecological Risk Assessment, 1998:4(6);1321-1335.

52. Prince MM, **Stayner LT**, Smith RJ and Gilbert SJ. Response to "Comments on 'A re-examination of risk estimates from the NIOSH Occupational Noise and Hearing Survey". J Ac Soc Am, 1998;103(5):950-963.

53. **Stayner LT,** Dankovic D, Smith R and Steenland K. Predicted lung cancer risk among miners exposed to diesel exhaust particles. Am J Ind Med, 1998;34:207-219.

54. Steenland K, Deddens J and **Stayner L**. Diesel exhaust and lung cancer in the trucking industry exposure-response analysis and risk assessment. Am J Ind Med, 1998;34:220-228.

55. **Stayner L**. Protecting public health in the face of uncertain risks: The example of diesel exhaust. Editorial in Am J Public Health, 1999:89(7);991-993.

56. **Stayner L**, Smith RJ, Gilbert S and Bailer AJ. Epidemiologic approaches to risk assessment. Toxicology, 1999:11; 593-601.

57. Partenen TJ, Hogstedt C, Ahasan R, Aragon A, Arroyave ME, Jeyarathnam J, Kurppa K, Loewenson R, Lundberg I, Ngowi VF, Mbakaya CFL, **Stayner L**, Steenland K, Weiderpass E and Wesseling C. Collaboration between developing and developed countries in occupational health research and surveillance. Scan J Work Environ Health, 1999:25(3);296-300.

58. **Stayner, L**, Dankovic DA, Smith RJ, Gilbert SJ and Bailer J. Human cancer risk and exposure to 1,3-butadiene - A tale of mice and men. Scand J Work Environ Health, 2000:26(4);322-330.

59. Kuempel ED, Tran C-L, O'Flaherty EJ, **Stayner LT**, Smith RJ, Dankovic DA, Bailer AJ. Evaluation of particle clearance and retention kinetics in the lungs of U.S. coal miners. Inhal Toxicol 2000:12(Supple. 3);397-402.

60. Larkin EK, Smith TJ, **Stayner L**, Rosner B, Speizer FE and Garshick E. Diesel exhaust exposure and lung cancer: Adjustment for the effect of smoking in a retrospective cohort study. Am J Ind Med, 2000:38;399-409.

61. Rice FL, Park R, **Stayner L**, Smith R, Gilbert S, Checkoway H. Crystalline silica exposure and lung cancer mortality in diatomaceous earth industry workers: a quantitative risk assessment. Occupational & Environmental Medicine 2001;58(1):31-45.

62. Kuempel ED, Tran CL, Bailer AJ, Smith RJ, Dankovic DA, **Stayner LT**. Methodological issues of using observational human data in lung dosimetry models for particulates. Science Total Environ 2001;274(1-3):67-77.

63. Kuempel ED, OFlaherty EJ, **Stayner LT**, Smith RJ, Green FHY, Vallyathan V. A Biomathematical Model of Particle Clearance and Retention in the Lungs of Coal Miners: Part I. Model Development. Reg Toxicol Pharmacol 2001:34;69-87.

64. Steenland K, Mannetje A, Boffetta P, **Stayner L** et al. Pooled exposure-response analyses and risk assessment for lung cancer in 10 cohorts of silica-exposed workers: an IARC multicentre study. Cancer Causes and Controls, 2001:12;773-784.

65. Okun A, Lentz TJ, Schulte P, and **Stayner L**. Identifying high-risk small business industries for occupational safety and health interventions. Am J Ind Med, 2001:38;1-11.

66. **Stayner L**, Toraason M, and Hattis D. Risk assessment at the crossroads of the 21st century: Opportunities and challenges. Human and Ecological Risk Assessment 2002;8(6):1195-1202.

67. **Stayner L**, Toraason M, and Hattis D. Eds. of Special Issue of Human and Ecological Risk Assessment, Of Mice Men and Models: Future Research for Improving Risk Assessment Methods. 2002;8(6):1195-1487.

68. Vainio H and **Stayner L**. Can health promotion at the workplace help in preventing cancer? Scand J Work Environ Health 2002:28(3);137-139.

69. Park RM, Bailer AJ, **Stayner LT**, Halperin W, and Gilbert SJ. An alternative characterization of hazard in occupational epidemiology: Years of life lost per years worked. Am J Ind Med 2002:42;1-10.

70. Kuempel ED, Smith RJ, Dankovic DA, Bailer AJ, and **Stayner LT**. Concordance of rat and human based risk estimates for particle related lung cancer. Ann. Occ. Hyg 2002:46, Supplement 1;62-66.



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71. Park R, Rice F, **Stayner L**, Smith R, Gilbert S, Checkoway H. Exposure to crystalline silica, silicosis and lung disease other than cancer in diatomaceous earth industry workers: a quantitative risk assessment. Occup Environ Med 2002:59(1);36-43.

72. **Stayner L**, Steenland K, Dosemici M and Hertz-Piccioto I. Attenuation of exposure-response curves in occupational cohort studies at high exposures. Scand J Work Environ Health 2003:29(4);317-24.

73. Sinclair RC, Smith R, Colligan M, Prince M, Nguyen T and **Stayner L**. Evaluation of a safety training program in three food service companies. J Safety Res 2003:34;547-58.

74. Steenland K, Whelan E, Deddens J, **Stayner L**, and Ward E. Ethylene oxide and breast cancer incidence in a cohort study of 7576 women. Cancer Causes and Control. 2003:14;531-39.

75. Prince MM. Gilbert SJ, Smith RJ and **Stayner LT**. Evaluation of the risk of noise-induced hearing loss among unscreened male industrial workers. J Accoust Soc Am 2003:113(2);871-880.

76. Bailer, A.J., Bena, J.F., **Stayner, L.T.**, Halperin, W.E. and Park, R.M. External cause specific summaries of occupational fatal injuries - Part I: an analysis of rates. American Journal of Industrial Medicine 2003:43;237-250.

77. Bailer, A.J., Bena, J.F., **Stayner, L.T.**, Halperin, W.E. and Park, R.M.. External cause specific summaries of occupational fatal injuries - Part II: an analysis of years of potential life lost. American Journal of Industrial Medicine 2003:43;251-261.

78. Steenland KS, **Stayner LT** and Deddens J. Mortality analyses in a cohort of 18 235 ethylene oxide exposed workers: follow up extended from 1987 to 1998. Occup Environ Med. 2001:61(1);2-7.

79. Park RM, Bena JF, **Stayner LT** and Smith RJ, Gibb HJ, and Lees PSJ. Hexavalent Chromium and Lung Cancer in the Chromate Industry: A Quantitative Risk Assessment. Risk Analysis 2004:24(5);1099-1108.

80. Okun A, Cooper G, Bailer AJ, Bena J and **Stayner L**. Trends in occupational lead exposure since the 1978 OSHA Lead Standard. Am J Ind Med 2004:45;558-72.

81. Vineis P, M Alavanja M, P Buffler P, E Fontham E, Franceschi S, Gao YT, Gupta PC, Hackshaw A, Matos E, Samet J, Sitas F, Smith J, **Stayner** L, Straif K, Thun MJ, Wichmann HE, Wu AH, Zaridze D, Peto R, Doll R. Tobacco and cancer: recent epidemiological evidence. J NCI 2004;96(2):99-105.

82. Pinkerton L, Hein MJ, and **Stayner L.** [ SEQ CHAPTER \h \r 1]Mortality among a Cohort of Garment Workers Exposed to Formaldehyde: An Update. Occup Environ Med 2004;61:193-200.

83. Park RM, Ahn YS, **Stayner LT**, Kang SK and Jang JK. Mortality of iron and steelworkers in South Korea. Am J Ind Med 2005;48:194-204.

84. Joslin CE, Tu EY, McMahon TT, Passaro DJ, **Stayner LT** and Sugar J. Epidemiological characteristics of a Chicago-area Acanthamoeba keratitis outbreak. Am J Ophthalmol. 2006 Aug;142(2):212-7.

85. Ahn YS, Park RM, **Stayner L**, Kang SK, Jang JK. Cancer morbidity in iron and steel workers in Korea. 2006 Aug;49(8):647-57.

86. Park RM, **Stayner LT**. A search for thresholds and other nonlinearities in the relationship between hexavalent chromium and lung cancer. Risk Analysis 2006;26(1):79-87.

87. Hein MJ, **Stayner LT**, Lehman E and Dement JM. Follow-up study of chrysotile textile workers: cohort mortality and exposure-response. Occup Environ Med. 2007 Sep;64(9):616-25.

88. **Stayner L**, Vriejheid M, Cardis E, Stram D, Deltour I, Gilbert S and Howe G. Monte Carlo maximum likelihood methods for estimating uncertainty arising from shared errors in exposures in epidemiological studies. Radiation Research. Radiat Res. 2007 Dec;168(6):757-63.

89. Joslin CE, Elmer YT, Megan E,. Shoff MS, Booton GC, Fuerst PA, McMahon TT, Anderson RJ, Dworkin MS, Sugar J, Davis FG, **Stayner LT**. The association of contact lens solution use and Acanthamoeba keratitis. Am J Ophthalmol. 2007 Aug;144(2):169-180..

90. **Stayner L**, Bena J, Sasco AJ, Smith R, Steenland K, Kreuzer M, and Straif K. Lung cancer risk and workplace exposure to environmental tobacco smoke. Am J Public Health 2007 Mar;97(3):545-51.

91. **Stayner L.** Silica and Lung Cancer: When is Enough Evidence Enough? Invited Commentary in Epidemiology, Epidemiology 2007;18(1):23.

92. **Stayner LT**. Canada, Chrysotile and Cancer: Health Canada's Asbestos International Expert Panel Report.J Occup Environ Med. 2008 Dec;50(12):1327-8.

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## BOOK CHAPTERS AND PROCEEDINGS

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5. **Stayner L**, Smith R, Thun M, Schnorr T, and Lemen, R.A Quantitative Assessment of Lung Cancer Risk and Occupational Cadmium Exposure. Cadmium in the Human Environment: Toxicity and Carcinogenicity, edited by G.F. Nordberg, L. Alessio and R.F.M. Herber, IARC Scientific Publications No. 118, 1992.

6. **Stayner L**. Methodologic issues in using epidemiologic data for quantitative risk assessment. In: Proceedings of the Conference on Chemical Risk Assessment in the Department of Defense (DoD): Science, Policy and Principles. Editor Harvey J. Clewel III, American Conference of Governmental Hygienists, Cincinatti, 43-51, 1992.

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23. **Stayner LT**, Demers P. Section Editor for Topical Collection on Occupational Health section for 2017 Current Environmental Health Reports. 2017; 4: 319-372.

**PRESENTATIONS (Partial listing)**

Epidemiologic methods for the studying the impact of agricultural practices on children's health. Invited Lecture at the University of Chicago, January 15, 2018..

Epidemiology and environmental health policy: The good, the bad and the ugly. Translating environmental epidemiology into prudent public policy: Caveats and minefields. University of Copenhagen, Denmark March 3, 2017 (invited lecture).

Epidemiologic methods for the studying the impact of agricultural practices on children's health. Invited Lecture at the University of Southern Denmark, Odense, Denmark April 27, 2017 (invited lecture).

The epidemiology of occupational exposure to respirable silica particles. Invited presentations at the International Commission on Occupational Health (ICOH) conference in Seoul, Korea, June 2015.

Exposure to the Herbicide Atrazine and the Risk of Adverse Birth Outcomes in the Midwestern, United States. The 2nd International Symposium on Agriculture and Environmental Health Rehovat, Israel, May 28, 2015.

Having an impact: Lessons learned from environmental epidemiology. Invited lecture delivered for the HA Tyroler Distringuished Alumni Award, University of North Carolina, School of Public Health, Chapel Hill, North Carolina, September 9, 2013.

Maternal exposure to disinfection by-products during pregnancy and micronuclei in maternal and cord blood lymphocytes. International Society for Epidemiologic Research (ISEE), September 14, 2011, Barcelona, Spain.

The worldwide pandemic of asbestos related diseases. International Agency for Research on Cancer. October 18, 2010, Lyon, France.

A meta-analysis of ovarian cancer and occupational exposure to asbestos. Epidemiology in Occupational Health (EPICOH) 2010, April 24, 2010, Taipei, Taiwan.

The worldwide pandemic of asbestos related diseases. Invited Keynote Lecture at the Asbestos Surveillance and Disease Compensation Think Tank sponsored by the Canadian Partnership Against Cancer. March 4, 2010, Toronto, Canada.

Meta-analysis of occupational epidemiologic studies. Division of Field Studies and Health Hazard Evaluations, National Institute for Occupational Safety and Health, Cincinnati, Ohio. May 22, 2009. (Invited Lecture)

Whither (or wither) occupational and environmental epidemiology? Alfred S. Evans Lecture, University of Michigan, Summer Epidemiology Program, Ann Arbor, MI, July 15, 2008.

Lung cancer in cadmium smelter workers exposed to cadmium and arsenic. Epidemiology in Occupational Health. June 13, 2008 in San Jose, Costa Rica.

What size asbestos fibers are most important for predicting human risk of lung cancer and asbestosis? International Commission on Occupational Health, June 14, 2006, Milan, Italy.

Current Controversies in Asbestos Research. Invited Talk at the American College of Occupational and Environmental Medicine (ACOEM), Chicago, Illinois, October 30, 2005.

Risk Assessment and Occupational Cancer. Ferguson-Glass Oration Keynote speech at The Royal Australasian College of Physicians. Wellington, New Zealand, May 11, 2005,

*How Risky are Current Exposure Standards for Occupational Exposure to Silica?* Keynote presentation at the Third International Symposium on Silica, Silicosis, Cancer and Other Diseases. Santa Margharita, Italy, November 25, 2002.

*Methodologic Issues in Exposure-response Analyses of Epidemiologic Data.* International Symposium on Epidemiology in Occupational Health, Barcelona, Spain, September 14, 2002.

*Using Epidemiologic Data for a Risk Assessment of Silica Exposure*. 2001 Symposium on Environmental Health and Occupational Risk Assessment. Beijing, China, April 26, 2001.

*Epidemiologic Risk Assessment*. Environmental Health Department Seminar at the University of Washington School of Public Health, Seattle, Washington, April 12, 2001.

*Lung cancer risk among U.S. cadmium production workers.* Workshop on work-related health risks due to cadmium and arsenic exposure: focus on cancer risk. Hennef, Germany, February 15, 2001.

*Issues on using epidemiologic data in non cancer risk assessment.* Non-Cancer Risk Assessment Workshop sponsored by the Ohio Chapter of the Society for Risk Analysis, Cincinnati, Ohio, July 13, 2000.

*Methodologic and ethical issues in epidemiologic risk assessment for occupational hazards.* Keynote invited presentation at the 14th International Symposium on Epidemiology in Occupational Health, Herzlia, Israel, October 13, 1999,

*Using monte carlo methods to assess the impact of uncertainties in exposure on the analysis of dose-response in epidemiologic studies.* Invited lecture at the Society for Risk Analysis Meeting. Phoenix, Arizona. December 8, 1998.

*A monte carlo analysis of uncertainty related to misclassification of exposures in a cohort mortality study of railroad workers exposed to diesel exhaust*. The 13th International Symposium on Epidemiology in Occupational Health. Helsinki, Finland, September 24, 1998.

*Sources of uncertainty in dose-response modeling of epidemiologic data for cancer risk assessment*. International Workshop on Uncertainty in the Risk Assessment of Environmental and Occupational Hazards, Bologna, Italy September 26, 1998.

*Occupational Safety and Health Risk Assessment.* Invited Lecture at the Boston School of Public Health. Boston, Massachusetts, March 16, 1998.

*Issues in Utilizing Epidemiologic Data for the Quantitative Assessment of Occupational Risks.* Epidemiology and Occupational Risks. Vienna, Austria, April 22, 1998.

*Epidemiologic Approaches to Risk Asessment*. Invited presentation at a seminar series for the Division of Epidemiology and Biostatistics at the University of Cincinnati, Cincinnati, Ohio, May 7, 1998.

*A monte carlo analysis of uncertainty related to misclassification of exposures in a cohort mortality study of railroad workers exposed to diesel exhaust*. Invited presentation at meeting on Diesel Exhaust Epidemiology at the Health Effects Institute (HEI), Boston, Massachusetts, April 20, 1998.

*Occupational Risk Assessment.* Lecture at the Second International Course on Health in Cold Environments. Kuusamo, Finland, February 1-8, 1998.

*Epidemiologic Approaches to Risk Assessment.* Invited Lecture at the Colloquim on Scientific Advances and the Future in Toxicologic Risk Assessment: 50th anniversary of the NRC's Committee on Toxicology; Washington, D.C., December 4-5, 1997.

*Human cancer risk and exposure to 1,3-butadiene: A tale of mice and men.* The 12th International Symposium on Occupational Health. Harare, Zimbabwe, August 18, 1997.

*Approaches to cancer risk assessment of 1,3-butadiene using animal and human studies.* The 1997 Annual Summer Toxicology Forum meeting. Aspen, Colorado, July 11, 1997.

*Risk assessment activities at NIOSH.* Invited Lecture for course on risk assessment at the University of Cincinnati, Department of Environmental Health, May 27, 1997.

*Using epidemiologic data for the quantitative assessment of human risk.* Environmental and Occupational Health Sciences Institute/ National Institute of Environmental Health Sciences Seminar; Piscataway, New Jersey, April 17, 1997.

*The evaluation of datasets for dose-response assessment.* Society for Risk Analysis Annual Meeting, New Orleans, Louisiana, December 10, 1996.

*The molecular epidemiology of asbestos and other fibers.* Harvard School of Public Health Symposium, Boston, Massachusetts. October 8, 1996.

*An exposure-response analysis of respiratory disease risk associated with occupational exposure to chrysotile asbestos.* Inhaled Particles VIII: Occupational and Environmental Implications for Human Health Conference. Cambridge, England, August 27, 1996.

*The NIOSH risk assessment for diesel exhaust exposure and lung cancer risk among miners.* Workshop on miners exposed to diesel particulates. Beckley, West Virginia, September 11, 1995.

*Risk assessment methods for respiratory diseases. American College of Chest Physicians.* Fifth International Conference on Environmental and Occupational Lung Diseases. Orlando, Florida, March 25, 1995

*Approaches for assessing the efficacy of occupational health and safety standards.* Workshop on Intervention Research in Occupational Health. Wheeling, West Virginia, October 17, 1994.

*An exposure-response analysis of risk of respiratory diseases associated with occupational exposure to chrysotile asbestos.* Tenth International Symposium on Epidemiology in Occupational Health. Como, Italy, September 23, 1994.

*Asbestos: Unsafe by any name*. Ninth Occupational Safety and Health Conference, San Juan, Puerto Rico, December 10, 1993.

*A dose-response analysis and quantitative risk assessment of lung cancer risk and occupational cadmium exposure.* Invited Lecture West Virginia University School of Medicine. Morgantown, West Virginia, November 29, 1993

*Overview of statistical methods for modeling risk using epidemiologic data.* Workshop on Epidemiologic Methods, Cincinnati, Ohio, September 22, 1992.

*An exposure response analysis of cancer mortality among a cohort of workers exposed to ethylene oxide.* Epidemiology in Occupational Health, 9th International Symposium, Cincinnati, Ohio, September 25, 1992.

*Methods for Modeling Occupational Cohort Mortality Studies for Quantitative Risk Assessment.* Occupation Health Risk Assessment : Directions for the 90's, Boston, Massachusetts, May 27, 1992.

*NIOSH Risk Assessment Methods.* American Industrial Hygiene Conference and Exposition, Boston, Massachusetts, June 3, 1992.

*The NIOSH Approach to Quantitative Risk Assessment.* USPH Professional Association, 27th Annual Meeting, Cincinnati, Ohio, April 26, 1992.

*Methodologic Issues in Using Occupational Epidemiologic Data for Cancer Risk Assessment.* Society for Risk Analysis Annual Meeting, Baltimore, Maryland, December 10, 1991.

*A dose-response analysis and quantitative risk assessment of lung cancer risk and occupational cadmium exposure.* Cadmium in the Human Environment : Toxicity and Carcinogenicity, Gargnano, Italy, September 27, 1991.

*A dose-response analysis and quantitative risk assessment of lung cancer risk and occupational cadmium exposure.* Eighth International Symposium on Epidemiology in Occupational Health, Paris, France, September 11, 1991. A dose-response analysis and quantitative risk assessment of lung cancer risk and occupational cadmium exposure.

*Methodologic Issues in Epidemiologic Risk Assessment.* Conference on Chemical Risk Assessment in the DoD : Science, Policy and Practice, Dayton, Ohio, April 10, 1991.

*Cardiovascular mortality of workers exposed to nitroglycerin and dinitrotoluene.* 23rd International Congress on Occupational Health, Montreal, Canada, September 1990.

*Risk assessment activities at NIOSH - - Information Resources and Needs*. Use of Information Resources in Assessing Health Risks from Chemical Exposure Conference, Oak Ridge, Tennessee, June 1990.

*Health Risks of Diesel Exposure.* Salt Institute Annual Meeting, Sarasota, Florida, March 1990.

*Human studies of formaldehyde and cancers of the respiratory tract.* Nasal Carcinogenesis in Rodents : Relevance to Human Health Risks, Velhoven, Netherlands, October 1988.

*A retrospective cohort mortality study of workers exposed to formaldehyde in the garment industry.* Society for Epidemiologic Research, Annual Meeting, Pittsburgh, Pennsylvania, June 1986.

*Mortality and industrial hygiene study of phosphate workers.* Third NCI/EPA/NIOSH Collaborative Workshop : Progress on Joint Environmental and Occupational Cancer Studies, Bethesda, Maryland, March 1984.

*A retrospective cohort mortality study of a phosphate fertilizer facility.* American Public Health Association, Annual Meeting, Dallas, Texas, November 1983.

*The carcinogenicity of formaldehyde.* National Conference on Formaldehyde and Building - Related Illness, Indianapolis, Indiana, March 1982.

## TEACHING EXPERIENCE

University of Illinois At Chicago, School Of Public Health – Systematic Reviews and Meta-analysis. 2015-present.

University of Illinois At Chicago, School Of Public Health – Advanced Cancer Epidemiology 2012-present.

University of Illinois At Chicago, School Of Public Health – Applied Methods in Epidemiology 2012-present

University of Illinois At Chicago, School Of Public Health - Methods in Occupational Epidemiology. 2010 –present.

University of Illinois At Chicago, School Of Public Health - Advanced Methods in Epidemiology. 2007-2009.

University of Illinois At Chicago, School Of Public Health – Introduction to Epidemiology, 2003-2006.

University of Michigan School of Public Health- Summer Program Course on Environmental Epidemiology and Risk Assessment in 1996-2008.

Lecturer in course on Epidemiology and Planning of Silica Research Studies. October 22nd, 2002, Santa Margherita, Italy.

Lecturer in course on New Methods in Epidemiology. September 14, 2011, Barcelona, Spain.

Instructor in NIVA Course on Risk Assessment and Risk Management In the Working Environment, Denmark, 1995, 1997 and 2000.

Instructor in NIVA Course on Cancer Risk Assessment. Finland, 2000.

Instructor in IARC Course on Advanced Methods in Occupational Epidemiology, Lyon, April 3-7, 1995.

Lecturer on Epidemiologic Risk Assessment at a Course on Risk Assessment at the Annual Meeting of the Society for Risk Analysis, December, 1991.

Instructor on Epidemiology and Risk Assessment at the Workshop on Occupational Safety and Health Programming, San Juan, Puerto Rico, June 17, 1991.

## GRADUATE STUDENT THESIS, OR DISSERTATION COMMITTEES

Judith Graber. Role: Doctoral Dissertation Committee Chair. Program: Division of Epidemiology and Biostatistics, UIC School of Public Health. Defended: 2012. Dissertation Title: Respiratory morbidity and mortality among underground miners.

Glen Schumock. Role: Doctoral Dissertation Committee Chair. Program: Division of Epidemiology and Biostatistics, UIC School of Public Health. Defended: 2012. Dissertation Title: Association between leukotriene modifying agents and suicide in patients with asthma.

Kirsten Almberg. Role: Master Thesis Committee Chair. Program: Division of Epidemiology and Biostatistics, UIC School of Public Health. Defended:2012. Thesis Title: A linkage study of adverse birth outcomes with agricultural land use practices in Missouri.

Mary Doi. Role: Master Thesis Committee Chair. Program: Division of Epidemiology and Biostatistics, UIC School of Public Health. Defended:2010. Thesis Title: Rapid and conventional measures of fecal indicator bacteria as predictors of protozoan pathogen presence in recreational surface waters.

Jamie Slaughter. Role: Member Doctoral Dissertation Committee. Defended:2010. Dissertation Title: Prenatal Case Management, Dosage, Selection Bias, and Pregnancy Outcomes.

Maria Constanza Camargo. Role: Member Doctoral Dissertation Committee. Defended:2010. Dissertation Title: The role of EBV in gastric carcinogenesis epidemiologic modeling and molecular investigations.

Charlotte Joslin: Role: Member Doctoral Dissertation Committee. Defended:2009. Dissertation Title: The association between Acanthamoeba keratitis and domestic water exposure in the Chicago area.

Kamal Eldeirawi. Role: Member Doctoral Dissertation Committee. Program: Division of Epidemiology and Biostatistics, UIC School of Public Health. Defended:2006. Thesis Title: Asthma in children of Mexican descent.

Eileen Kuempel. Role: Member Doctoral Dissertation Committee. Program: University of Cincinnati, Kettering Labs. Defended:1997. Dissertation Title: Development of a biomathematical lung model to describe respirable particle retention and to investigate exposure, dose, and disease in United States coal miners.

**D. Research Support**

***Ongoing***

R01/NIEHS 1R01ES027823 Stayner (PI) 9/30/17-8/31/2021
*Nitrate in drinking water and the risk of adverse birth outcomes*

Nitrate is the most commonly found contaminant in the world's aquifers and a major source of contamination of drinking water in the United States. There is suggestive evidence that maternal consumption of drinking water contaminated with nitrate is associated with an increased risk of adverse birth outcomes (i.e. preterm birth, low birth weight and birth defects), but most of these studies were limited by their small size, uncertain estimates of nitrate exposure, and lack of information on other risk factors and dietary sources of nitrate. This study, which will include over 1 million births in Denmark with comprehensive information on exposure to nitrate from water and diet and other risk factors for these outcomes, will be the most informative study concerning this issue that has ever been conducted.

T42/OH008672 NIOSH OE Stayner (PI) 7/1/08 - 6/30/19
*Occupational and Environmental Epidemiology Program*
This training program that leads to a master of science (MS), doctorate (PhD) and post-doctoral training in Occupational and Environmental Epidemiology. The primary goal of this academic training program is to develop highly qualified scientists with training and an interest in research on OEE.
Role: Director

**Completed**
Contract # 200-2010-37442 Stayner (PI) 9/30/10 - 9/29/13
Centers for Disease Control and Prevention
*A Linkage Study of Health Outcome Data in Children and Agricultural Water Contamination Data in the Midwest.*
This project involved a series of studies of the linkage between adverse health outcomes in children and exposure to agrichemical water contaminants in the Midwest, particularly atrazine and nitrate. The study's second objective is to advance the methodology of water contaminant and health data linkage studies for the CDC Environmental Public Health Tracking (EPHT) Program and state health departments.
Role: PI

Alpha Foundation R. Cohen (PI) 11/1/13 – 10/31/15
*Clarifying distribution, trends, and determinants of adverse health in US miners: Exploration and clinical materials.*
The goal of this project is to analyze existing data sources individually, then link them together to study work-related and individual risk factors for respiratory and cardio-vascular disease in U.S. miners. This knowledge can then be used to guide interventions to reduce the burden of these diseases.
Role: Co-I

National Children's Study Holl (PI) 9 /28/07-9/28/12
Northwestern University, UIC SPH and UIC COM were full partners in the greater Chicago NCS Consortium. In this role, UIC faculty will lent their epidemiologic and clinical expertise to the ongoing oversight of the greater Chicago NCS Consortium planning as well as implementation.
Role: Co-I

PO 3044368 Dorevitch (PI) 5/1/07-12/31/10
*Epidemiological Study of Recreational Use of the Chicago Area Waterways*
The purpose of this study is to determine rates of acute gastrointestinal and non-gastrointestinal illness attributable to recreation on the CAWs and to define the relationship between concentrations of microbes and rates of illness among individuals with limited recreational water contact. This study also aims to identify pathogens responsible for acute infections among recreators, and to evaluate water reclamation plants as sources of those pathogens.the impact of water pollutants on the health of participants.
Role: Co-I