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Dana Loomis

Curriculum Vitae

PERSONAL DATA

Birth Date	Ex. 6 Personal Privacy (PP)
Nationality	
Address	
Email	dana.loomis@unr.com
ORCID ID	https://orcid.org/0000-0003-3297-5200
LinkedIn	https://www.linkedin.com/in/dana-loomis-8a507481
Languages	English: Native speaker French: Full professional competency (UN certificate) Spanish: Full professional competency

EDUCATION

PhD, Epidemiology, 1989. University of North Carolina at Chapel Hill
MSPH, Environmental Sciences & Engineering, 1986. University of North Carolina at Chapel Hill
MS, Geology, 1985. University of North Carolina at Chapel Hill
BA, 1978. Oberlin College, Oberlin, OH

EMPLOYMENT

Present

Professor, School of Community Health Sciences, University of Nevada, Reno, Reno NV, USA. 7/2018-

Independent Consultant. 1/2018-

Past

Head, IARC Monographs Group, International Agency for Research on Cancer, World Health Organization, Lyon, France. 2017.

Deputy Head and Senior Epidemiologist, Section of IARC Monographs, International Agency for Research on Cancer, World Health Organization, Lyon, France. 2012-2017

Professor and Chair, Department of Epidemiology, College of Public Health, University of Nebraska Medical Center, Omaha NE, USA. 2010-2012

Associate Director, Eppley Cancer Institute, University of Nebraska Medical Center, Omaha NE, USA. 2010-2012.

Director, School of Community Health Sciences, University of Nevada, Reno NV, USA. 2007-August 2010

Professor, Environmental & Occupational Health, School of Community Health Sciences/Public Health, University of Nevada, Reno NV, USA. 2007-2010.

Interim Chair, Department of Epidemiology, School of Public Health, University of North Carolina, Chapel Hill NC, USA. 2006.

Professor, Department of Environmental Sciences and Engineering, School of Public Health, University of North Carolina, Chapel Hill NC, USA. 2002-2006.

Professor, Department of Epidemiology, School of Public Health, University of North Carolina, Chapel Hill NC, USA. 2001-2006

Associate Professor, Department of Epidemiology, School of Public Health, University of North Carolina, USA. 1996-2001

Assistant Professor, Department of Epidemiology, School of Public Health, University of North Carolina, USA. 1989-1996.

Other Appointments

Adjunct Professor, Department of Epidemiology, University of North Carolina, Chapel Hill, USA

Senior Visiting Scientist, International Agency for Research on Cancer, Lyon, France. 2018.

Visiting Professor, Escuela de Salud Pública, Universidad de Chile, Santiago. 2002-2005.

Visiting Professor, Instituto Nacional de Salud Pública de México, Cuernavaca, Morelos, Mexico. 1997.

Visiting Scientist, Consiglio Nazionale delle Ricerche, Padova, Italy. 1995.

Visiting Scientist, Departments of Epidemiology and Air Quality, Wageningen University, Wageningen, The Netherlands. 1995.

PUBLICATIONS (252 cited items)

Citation numbers: 9392 Web of Science, 17325 Google Scholar
H-index: Web of Science 50; Google Scholar 69

*Directly-supervised student or post-doctoral fellow as author

Refereed Journal Articles (179)

Loomis D, Richardson DB, Elliott L. Quantitative Relationships of Exposure to Chrysotile Asbestos and Mesothelioma Mortality. Am J Ind Med 2019;62:471-477.

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role of coffee consumption in breast and ovarian cancer risk: updated meta-analyses. Epidemiology Biostatistics and Public Health 2019;16:13078-1-25. doi: 10.2427/13078.

Loomis D, Guha N, Hall A, Straif K. Identifying occupational carcinogens: an update from the IARC Monographs. Occup Environ Med 2018;75:593-603.

Loomis D, Guha N, Kogevinas M, Fontana V, Gennaro V, Kolstad H, McElvenny DM, Sallmen M, Saracci R. Cancer mortality in an international cohort of reinforced plastics workers exposed to styrene: a reanalysis. Occup Environ Med 2018 [ePub ahead of print, doi: 10.1136/oemed-2018-105131]. PMID: 29669820.

Shapiro AJ, Antoni S, Guyton KZ, Lunn RM, **Loomis D**, Rusyn I, Jahnke GD, Schwingl PJ, Mehta S, Addington J, Guha N. Software Tools to Facilitate Systematic Review Used for Cancer Hazard Identification. Environ Health Perspect 2018;126.

Kulhánová I, Morelli X, Le Tertre A, **Loomis D**, Charbotel B, Medina S, Ormsby JN, Lepeule J, Slama R, Soerjomataram I. The fraction of lung cancer incidence attributable to fine particulate air pollution in France: Impact of spatial resolution of air pollution models. Environment International 2018;121:1079–1086.

Hamra GB, Richardson DB, Dement J, **Loomis D**. Lung cancer risk associated with regulated and unregulated chrysotile asbestos fibers. Epidemiology. 2017:28;275-280. doi: 10.1097/EDE.0000000000000597. PMID: 27922528.

Marsili D, Terracini B, Santana VS, Ramos-Bonilla JP, Pasetto R, Mazzeo A, **Loomis D**, Comba P, Algranti E. Prevention of asbestos-related disease in countries currently using asbestos. Int J Environ Res Public Health. 2016 May 12;13(5). PMID: 27187433

Chatterjee S, Chattopadhyay A, Senapati SN, Samanta DR, Elliott L, **Loomis D**, Mery L, Panigrahi P. Cancer registration in India - current scenario and future perspectives. Asian Pac J Cancer Prev. 2016;17(8):3687-96. Review. PMID: 27644602.

Lauby-Secretan B, Scoccianti C, **Loomis D**, Grosse Y, Bianchini F, Straif K. International Agency for Research on Cancer Handbook Working Group.. Body Fatness and Cancer--Viewpoint of the IARC Working Group. N Engl J Med. 2016:375;794-8. PMID: 27557308.

Xu X, Drobná Z, Voruganti VS, Barron K, González-Horta C, Sánchez-Ramírez B, Ballinas-Casarrubias L, Cerón RH, Morales DV, Terrazas FA, Ishida MC,Gutiérrez-Torres DS, Saunders RJ, Crandell J, Fry RC, **Loomis D**, García-Vargas GG, Del Razo LM, Stýblo M, Mendez MA. Association Between Variants in Arsenic (+3 Oxidation State) Methyltranserase (AS3MT) and Urinary Metabolites of Inorganic Arsenic: Role of Exposure Level. Toxicol Sci. 2016 Sep;153(1):112-23. PubMed PMID: 27370415.

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in Chihuahua, Mexico. Environ Health Perspect. 2016 Jan;124(1):104-11.

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Hamra GB, Laden F, Cohen AJ, Raaschou-Nielsen O, Brauer M, **Loomis D**. Lung Cancer and Exposure to Nitrogen Dioxide and Traffic: A Systematic Review and Meta-Analysis. Environ Health Perspect. 2015 Nov;123(11):1107-12.

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Kucera KL,* **Loomis D**, Marshall SW. A case crossover study of triggers for hand injuries in commercial fishing. Occup Environ Med 2008;65:336-41.

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Hoffman CS, Mendola P, Savitz DA, Herring AH, **Loomis D**, Hartmann KE, Singer PC, Weinberg HS, Olshan AF. Drinking water disinfection by-product exposure and fetal growth. Epidemiology. 2008;19:729-37.

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Knowles SB, Marshall SW, Miller T, Spicer R, Bowling JM, **Loomis D**, Millikan RW, Yang J, Mueller FO. Cost of injuries from a prospective cohort study of North Carolina high school athletes. Inj Pref 2007;13:416-21.

Rojas-Martínez R,* Pérez-Padilla R, Olaiz-Fernandez G, Mendoza-Alvarado L. Moreno-Macías H, Fortoul T, McDonnell W, **Loomis D**, Romieu I. Lung Function Growth in Children with Long-Term Exposure to Air Pollutants in Mexico City. Am J Rerspir Crit Care Med. 2007;176:377-84.

Knowles SB, Marshall SW, Bowling JM, **Loomis D**, Millikan R, Yang J, Weaver NL, Kalsbeek W, Mueller FO. A prospective study of injury incidence among North Carolina high school athletes. Am J Epidemiol. 2006 164:1209-21.

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Kirrane E*, **Loomis D**, Egeghy P, Nylander-French L. Personal exposure to benzene from fuel emissions among commercial fishers: comparison of two-stroke, four-stroke and diesel engines. J Expo Sci Environ Epidemiol 2007;17:151-158.

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Sagiv S,* Mendola P, **Loomis D**, Herring A, Neas L, Savitz D, Poole C. A time-series analysis of air pollution and

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Steenland K, Loomis DP, Shy CM, Simonsen N. Agents causing lung cancer. In: Harber P, Schenker MB, Balmes JR, Eds., Occupational and Environmental Respiratory Disease. St Louis: Mosby, 1996:589-607.

Technical Reports

World Health Organization. Chrysotile Asbestos. [Contributing Author]. World Health Organization, Geneva 2014. https://www.who.int/ipcs/assessment/public_health/chrysotile_asbestos_summary.pdf.

Loomis D. Preventing gun violence in the workplace. An ASIS International Foundation Research Council CRISP Report. Alexandria, VA (USA): ASIS International Foundation, Inc., 2008.

Loomis DP, Borja-Aburto VH*, Bangdiwala SI, Shy CM. Ozone exposure and daily mortality in Mexico City: a time-series analysis. Investigators' Report 75. Cambridge, MA: The Health Effects Institute, 1996.

Loomis DP, Wolf SH. Cancer mortality of workers at the Y-12 nuclear materials plant relative to the United states population, 1947-1990. Report to the National Institute for Occupational Safety and Health, March, 1994.

Armstrong DL*, Loomis DP, Runyan CW, Butts JD. Occupational Motor Vehicle Fatalities in North Carolina, 1979-1988. Report to the National Institute of Occupational Safety and Health, February, 1991.

Loomis DP, Watson JE, Crawford-Brown DJ. Predicting the occurrence of Rn-222 in North Carolina groundwater. University of North Carolina Water Resources Research Institute Report 230, 1987.

Loomis, DP. Aquifer lithology as a predictor of radon concentration in groundwater: research results from North Carolina. U.S. E.P.A. Conference Report EPA 904/9-87 145; 1987.

Loomis DP. Preliminary Investigation of the Occurrence of Rn-222 in North Carolina Groundwater and its Relationship to Bedrock Geology. North Carolina Division of Environmental Management, Groundwater Section. Raleigh, N. C. 1985.

PAPERS PRESENTED ORALLY

Invited Presentations (selected)

Evaluating Epidemiologic Studies for the IARC Monographs. Advisory Group to Recommend an Update to the Preamble, IARC Monographs Group. International Agency for Research on Cancer. Lyon, France, 2018.

Occupational epidemiology data for cancer hazard evaluation. EPICOH 2016. Barcelona, Spain. September 2016.

Carcinogenicity of glyphosate. Presented to the Members Against Cancer Group, European Parliament, Brussels, Belgium, April 2016.

IARC evaluation of the carcinogenicity of pesticides. Italian Epidemiological Association, Milan, Italy. October 2015.

Carcinogenicity of chrysotile. Interagency Workshop on Sound Management of Industrial Chemicals. Jakarta, Indonesia, 29 September 2014.

Evaluación de causalidad en la epidemiología del cáncer (in Spanish). Instituto Nacional del Cáncer, Bogotá, Colombia, 20 May 2014.

IARC Evaluation of the carcinogenicity of outdoor air pollution. WHO Task Force on Health Aspects of Long-range Transboundary Air Pollution, Bonn, Germany, 14 May 2014.

Evaluation of causality in the IARC Monographs. Society for Risk Analysis, Baltimore, USA, December 2013.

Cancerogenícidad de la comtaminación atmosférica (in Spanish). Cuernavaca, Mexico (by Internet), 4 December 2013.

Evaluation of the carcinogenicity of outdoor air pollution. Congrès national Cancer et Environnement, Lyon, France 28 November 2013.

Update on the carcinogenicity of chrysotile. WHO Asian Asbestos Initiative 6, Manila, Philippines, 14 November 2013.

Cancérogénicité de la pollution de l'air exterieur (in French). 2èmes Assises nationales de la qualité de l'air, Paris 23 October 2013.

Epidemiologic study of arsenic, diabetes and AS3MT polymorphism in a rural Mexican population. First International Symposium on Arsenic and Fluoride: Effects on Human Health. Chihuahua, Mexico, December 1, 2011.

Arsenic in drinking water: overview and recent research on arsenic and diabetes. Symposium on Environmental and Occupational Health Issues and Challenges. New Delhi, India, November 18, 2011.

Arsenic in drinking water: overview and recent research on arsenic and diabetes. 2011 International Workshop on Environmental and Occupational Health. Taipei, Taiwan, November 10, 2011.

Do cellular phones cause brain cancer? Current evidence and what it might mean. Omaha Women's Health and Wellness Conference, Omaha NE October 2011.

Fatal injury trends in the United States (in Spanish). Keynote presentation, II Seminar on Occupational Health, Pombeu Fabra University, Barcelona, Spain, March 2006.

Person-time at Risk: Unifying Concepts from an Old Idea. Keynote Address, EPICOH 2005. Bergen, Norway, September 2005. Occup Environ Med 2005;62:e6:1 (http://www.occenvmed.com/cgi/content/full/62/11/e6)

Epidemiological approaches to non-monotonic dose-response functions. Symposium on Non-Monotonic Dose-Toxicity Functions, Multiple Mechanisms of Effect: Impacts on Health and Public Policy. Duke University, Durham, NC. October 2003.

Workplace violence: a challenge for occupational health. Harriet Hardy Institute, Boston MA, May 2001

Estudio caso-control de homicidio en lugares de trabajo (Case-control study of workplace homicide). Presented at Centro de Estudos da Saúde do Trabalhador, Salvador-Bahia, Brazil, March 2000.

Research on air pollution and mortality in Mexico City. US Environmental Protection Agency, Chapel Hill NC, January, 1999.

Kromhout H, Loomis D. Relative impacts of uncertainties in exposure assessment and analytical methods in dose-response modelling, with illustrations from a study of occupational exposure to electromagnetic fields. Presented at

the International Workshop on Uncertainty in Risk Assessment of Environmental and Occupational Hazards, Bologna, Italy, September, 1998.

Santana V, Loomis D. Research, teaching and outreach to face the challenges of public health in a new century. Presented at Society of Occupational and Environmental Health, Washington, DC, October, 1998. Occupational epidemiology in the context of globalization and a changing workforce. Presented at IV Brazilian Epidemiology Congress, Rio de Janeiro, August, 1998.

Research on workplace violence in North Carolina. Presented at the 20th Annual Minority Health Conference, School of Public Health, Chapel Hill, NC, February, 1998.

Metodos Cuantativos en la Evaluación de Exposición [in Spanish]. Centro de Investigaciones y Estudios Avanzados, Instituto Politécnico Nacional, Mexico City, July, 1997.

Tendencias Económicas Actuales y la Salud del Trabajador [in Spanish]. Instituto de Saúde, São Paulo, Brazil, March, 1997.

Exposure Variability: Concepts and Applications. Center for the Study and Prevention of Cancer, Epidemiology Unit. Florence, Italy, October, 1995.

Violence as an Occupational Health Problem in the USA. Combined Latin American-Ibero American-Brazilian Epidemiology Conference, Salvador, Bahia, Brazil, April, 1995.

Relationship between magnetic field exposures and brain cancer and leukemia in workers from 5 electric utilities in the USA. Electromagnetic Transmissions Conference II, London, England, April, 1995.

Occupational Exposures to Magnetic Fields. Invited presentation to Occupational Health Section, American Public Health Association 1994 Annual Meeting, Washington DC, 31 October 1994.

Human studies of health effects of electromagnetic fields. Conference on Electromagnetic Fields: Health Effects and Risk Communication, organized by NC Department of Environment, Health, and Natural Resources and UNC School of Public Health: Chapel Hill, 1993.

Human health effects of ELF non-ionizing radiation: Occupational & Environmental Medicine Seminar, Duke University Medical Center, Durham NC, 1993.

Methodological issues in characterizing exposure for epidemiologic studies. Invited presentation at the Departments of Epidemiology and Air Pollution, Wageningen Agricultural University, Wageningen, The Netherlands, 1992.

Workshop on Potential Hazards of Occupational Exposure to Electromagnetic Fields; 3rd Annual Health and Safety School, NC Occupational Safety and Health Project (NCOSH), Raleigh, NC.

How scientific views on the causes of disease affect responsibility for health: workers vs. management. Panel Discussion at 1992 Alumni Conference, University of North Carolina School of Public Health, Chapel Hill, NC, April 1992.

Tensiones filosóficas y consecuencias metodológicas en la investigación epidemiológica. Presented at El Instituto Naciónal de la Nutrición, Mexico City, January, 1990.

Peer Reviewed Presentations (selected)

Loomis D, Straif K. Carcinogenicity of consuming red and processed meat, coffee and very hot beverages. Presented at World Cancer Congress, Paris, France, October 2016.

Vlaanderen J, Ruder A, Blair A, Hansen J, Charbotel B, Lynge E, Loomis D, Straif K, Guha N. Occupational exposure to tetrachloroethylene and risk of bladder cancer: a meta-analysis. Presented at the 23rd EPICOH Conference, Utrecht, Netherlands, June 2013.

Elliott L, Loomis D, Dement J, Hein M, Richardson D, Kuempel E, Stayner L. Lung Cancer Mortality in a Combined Cohort of North Carolina and South Carolina Asbestos Textile Workers. Presented at the 22nd EPICOH Conference, Oxford, UK. September 2011.

Loomis D, Dement J, Elliott L, Richardson D, Kuempel E. Longer, thinner fibers are associated with increased lung cancer mortality among asbestos textile workers. Presented at the 22nd EPICOH Conference, Oxford, UK. September 2011.

Loomis D, Del Razo LM, Garcia-Vargas G, Drobna Z, Styblo M. Association of diabetes with arsenic exposure, arsenic metabolites and as3mt polymorphism. Presented at the 23rd Congress of the International Society for Environmental Epidemiology, Barcelona, Spain, September 2011.

Loomis D, Garcia-Vargas G, Del Razo LM, Drobna Z, Styblo M. Determinants of urinary arsenic concentration in a Mexican population. Presented at the 23rd Congress of the International Society for Environmental Epidemiology, Barcelona, Spain, September 2011.

Lu M, Loomis D. Sieve Likelihood Estimation of Partially linear Poisson Regression with Single-Index Model. Presented at International Biometrics Society Eastern North America Region spring meeting, Miami FL, March 2011.

Loomis D, Del Razo LM, Garcia-Vargas G, Drobna Z, Styblo M. AS3MT/M287T polymorphism is a risk factor for diabetes associated with chronic exposure to inorganic arsenic. Presented at Society of Toxicology 2011 annual meeting, Washington DC, March 2011.

Loomis D, Del Razo LM, Garcia-Vargas G, Drobna Z, Styblo M. Dimethylarsinite in urine is a predictor of risk of diabetes associated with chronic exposure to inorganic arsenic. Presented at Society of Toxicology 2010 Annual meeting, Salt Lake City UT.

Loomis D, Richardson D, Stainback K, Schulman MD, Bailer AJ, Wheeler M, Marshall S. State political economy and occupational fatality rates in the United States. Presented at ICOH 2006 Congress, Milan Italy, June 2006.

Trent CB*, Loomis D. Indirect adjustment for smoking: issues in a retrospective occupational cohort study on lung cancer. Poster presented at Epicoh 2005, Bergen, Norway, September 2005. Occup Environ Med 2005;62:e34:4.

Sagiv SK*, Mendola P, Loomis D, Herring A, Neas L, Savitz D, Poole C. A Time series analysis of air pollution and preterm birth in Pennsylvania, 1997-200. Presented at Society for Epidemiologic Research, August, 2004.

Kucera K*, Marshall SW, Loomis D. Traumatic injuries in a cohort of North Carolina fishermen. Presented at the National Occupational Injury Research Symposium, Pittsburgh PA, October, 2003.

Marshall SW, Kline KK, Loomis D, Wolf S. Workplace homicide during robbery: a case-control study. Presented at the National Occupational Injury Research Symposium, Pittsburgh PA, October, 2003.

Bena J, Richardson D, Bailer AJ, Loomis D, Marshall SW. Comparison of fatality rate denominator choices: population-based methods. Presented at the National Occupational Injury Research Symposium, Pittsburgh PA, October, 2003.

Mirka G, Shin G, Kucera K, Loomis D Use of the CABS Methodology to Assess Biomechanical Stress in Commercial Crab Fishermen, Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting, Baltimore MD, September 30-October 4, 2002.

Sanasuttipun W*, Sandler DP, Weinberg CR, Shore DL, Shy CM, Loomis DP. Particulate air pollution and lung cancer: a case-control study. Presented at the American College of Epidemiology annual meeting, Albuquerque, NM, September, 2002.

Kirrane E*, Loomis D, Attix DK, Moe CL, Savitz DA. Exposure to Organic Solvents and Neuropsychological Symptoms among Commercial Fishers. Presented at the 8th International Symposium on Neurobehavioral Methods and Effects in Occupational and Environmental Health, 23-26, Brescia Italy, June 2002.

van Wijngaarden* E, Savitz DA, Kleckner RC, Kavet R, Loomis D. Mortality patterns by occupation in a cohort of electric utility workers. Presented at the 2001 Congress of Epidemiology.

Sanasuttipun W*, Loomis D, Shy CM, Shore DL, Weinberg CR, Sandler DP. Assessing risk from particulate air pollution in a lung cancer case-control study. Presented at the 2001 Congress of Epidemiology.

Loomis D, Wolf SH, Runyan CW, Butts JD, Marshall S. Workplace-Level Risk Factors for Homicide on the Job. Presented at the National Occupational Injury Research Symposium 2000, Pittsburgh, September, 2000.

Loomis D, Wolf S, Runyan CW, Marshall S, Butts JD. Evidence on the effectiveness of measures recommended to prevent workplace homicide. Presented at the National Occupational Injury Research Symposium 2000, Pittsburgh, September, 2000.

Kromhout H, Loomis D. Dealing with variability of hazards in occupational injury epidemiology. Presented at the National Occupational Injury Research Symposium 2000, Pittsburgh, September, 2000.

O'Neill M,* Loomis D, Borja Aburto VH, Torres Meza V, Hertz-Picciotto I. Three particle metrics and their relationship with mortality in Mexico City, 1994-1998. Presented at symposium on Tropospheric Aerosols: Science and Decisions in an International Community, Queretaro, Mexico, October 2000

Loomis D, Castillejos M, Borja-Aburto VH, Dockery DW. Stronger effects of coarse particles in Mexico City. In: Phalen RF, Bell YM, Eds., Proceedings of the Third Colloquium on Particulate Air Pollution and Human Health, Irvine, CA: Air Pollution Health Effects Laboratory, Univrsity of California, 1999.

Itaparica MA, Santana VS, Boischio AP, Loomis D. Prevention of occupational injuries related to poisonous fish-science and popular knowledge. Presented at 14th International Symposium on Epidemiology in Occupational Health, Herzliya, Israel, October, 1999.

Santana VS. Loomis D, Tesh S. Gender, socioeconomic status and diagnosis of unfit to work. Presented at 14th International Symposium on Epidemiology in Occupational Health, Herzliya, Israel, October, 1999.

Loomis D, Schulz M*, Gregory ME. Mortality from work-related cancers among African-American workers. Presented at 13th International Symposium on Epidemiology in Occupational Health, Helsinki, September, 1998.

Loomis D, Dufort V, Kleckner RC. Fatal occupational injuries among electric power company workers. Presented at 13th International Symposium on Epidemiology in Occupational Health, Helsinki, September, 1998.

Silva M, Santana V, Loomis D. Proportionate cancer mortality among naval military men. Presented at 13th International Symposium on Epidemiology in Occupational Health, Helsinki, September, 1998.

Santana VS, Loomis D, Silva M. Tumores de cérebro entre militares da marinha do Brasil. Presented at IV Brazilian Epidemiology Congress, Rio de Janeiro, August, 1998.

Silva M, Santana VS, Loomis D. Estimativas de mortalidade proporcional em militares da marinha do Brasil. Presented at IV Brazilian Epidemiology Congress, Rio de Janeiro, August, 1998.

Castillejos M., Loomis D., Borja-Aburto V, Gold D. Air Pollution and infant mortality in the Southwest area of Mexico City. Presented at the American Thoracic Society 1998 annual meeting, Chicago, April, 1998.

Wolf SH, Loomis DP. The occurrence of fatal occupational injuries by season, day and hour. 4th World Injury Conference, Amsterdam, The Netherlands, May 1998.

Waller AE, Marshall SW, Loomis DP, Langlois JA. Selection of control groups in injury case-control studies. 4th World Injury Conference, Amsterdam, The Netherlands, May, 1998.

Loomis D. High risk of fatal injury among self-employed workers. Presented at the National Occupational Injury Research Symposium, Morgantown, WV, September, 1998.

Santana VS*, Loomis DP, Newman B. Informal jobs and psychological symptoms among women. Presented at VII Congress of the International Federation of Psychiatric Epidemiology, Santiago de Campostela, Spain, August, 1996.

Moracco KE*, Runyan CW, Wolf S, Loomis DP, Napp D, Butts J. Occupational homicide: a 15-year statewide study. American Public Health Association 1994 Annual Meeting, Washington DC, November, 1994.

Loomis DP, Moracco KE*, Wolf SH, Runyan CW, Napp D*, Butts JD. Murder on the job: surveillance and approaches to prevention. Presented at 10th International Symposium on Epidemiology in Occupational Health, Como, Italy 21-23 September 1994.

Kromhout H, Loomis DP, Mihlan GJ*, Peipins LA*, Kleckner RC, Iriye R, Savitz DA. Assessment and grouping of occupational magnetic field exposure in five electric utility companies. Presented at 10th International Symposium on Epidemiology in Occupational Health, Como, Italy 21-23 September 1994

Loomis DP, Brenner H. Criteria for selecting the best measure of exposure in occupational epidemiological studies. Presented at Conference on Retrospective Assessment of Occupational Exposures in Epidemiology: Lyon, France, 13-15 April 1994

Loomis DP, Kromhout H, Peipins LA*, Kleckner RC, Iriye R, Savitz DA. Sampling design and field methods of a large, randomized, multi-site survey of occupational magnetic field exposure. Presented at the International Occupational Hygiene Association 1st Annual Meeting, Brussels, 7-9 December 1992.

Kromhout H, Loomis DP, Savitz DA, Mihlan GJ*, Bracken TD. Patterns of electric and magnetic field exposure in the utility industry. Presented at the 9th International Symposium on Epidemiology in Occupational Health, Cincinnatti OH, 23-25 Sept. 1992.

Frazier LM*, Loomis DP. Surveillance of cumulative trauma disorders in North Carolina: advantages and disadvantages of using workers compensation data. Presented at the 9th International Symposium on Epidemiology in Occupational Health, Cincinnatti OH, 23-25 Sept. 1992.

Loomis DP, Savitz DA. Alternative indices of occupational magnetic field exposure: implications for accuracy of relative risk estimates. Presented at 4th Annual Meeting of the International Society for Environmental Epidemiology, Cuernavaca, Mexico, 26-29 Aug. 1992.

Ciesielski S, Mims SR*, Loomis DP, Auer A. Cholinesterase depression among migrant and seasonal farmworkers. Presented at the American Public Health Association 119th Annual Meeting, Atlanta, GA, 10-14 November 1991.

Armstrong D*, Loomis DP, Runyan CW. Occupational fatalities due to motor vehicles. Presented at the American Public Health Association 119th Annual Meeting, Atlanta, GA, 10-14 November 1991.

Loomis DP, Savitz DA. Effect of incomplete exposure measurement on dose-response relations in epidemiological studies. Invited abstract presented at the American Industrial Hygiene Conference, Salt Lake City, UT, May, 1991.

Loomis DP, Flynn MR, West S*, Kaune WT, Chen CC*, Savitz DA. Comparison of expert judgement and personal monitoring data in occupational magnetic field exposure assessment. Presented at the 12th annual meeting of the Bioelectromagnetics Society, San Antonio, Texas, 10-11 June 1990.

Peipins LA*, Loomis DP, Savitz DA, Howard RL. Occupational categories for a job-exposure matrix. Presented at the American Public Health Association annual meeting, New York, October, 1990.

Savitz DA, Loomis DP. Mortality among petroleum workers: a review. Presented at American Public Health Association 115th Annual Meeting; New Orleans, October, 1987.

GRANT SUPPORT (selected)

The IARC Monographs Programme 2013-2017 (Principal Investigator). European Commission, DG Employment, Social Affairs and Inclusion. Renewed annually since 2013. 60,000 € / year.

Evaluation of Carcinogenic Risks to Humans (Co-Investigator). 2U01CA033193-34. US National Cancer Institute. 1/09/2015-31/08/2020. $4,295,000.

Central States Center for Agricultural Safety and Health 1 U54 OH 010162 (Deputy Director and Project Leader, 25% (R. Rautiainen, Director). NIOSH 9/30/2011-9/29/2016, $4,837,000.

Cohort analysis methods for occupational cancer studies (Co-Investigator 10%). Competing continuation of R01 R01 CA117841 , NCI, 1/2010-12/2012, $120,000.

Environmental Arsenic and Diabetes Mellitus (Principal Investigator for UNR, 10%), Subcontract to R01 (R01 ES015326-01A1, M. Styblo, PI). NIEHS, 4/08/2008-3/30/2013, total direct costs $1,974,000.

Chrysotile and lung cancer: time-related effects and pooled analyses (Principal Investigator, 25%). Competing continuation of R01 OH007803. NIOSH, 8/01/08-1/31/11, direct cost $782,671.

Cohort analysis methods for occupational cancer studies (Co-Investigator 20%). R01 (R01 CA117841), NCI, 1/2007-12/09, $450,000.

Chrysotile: New exposure indices and cancer epidemiology (Principal Investigator, 25%). R01 (R01 OH007803), NIOSH, 30 September 2003-29 September 2008, $1,565,000.

Training in occupational epidemiology (Program Director). Training Grant (TW00827-05), NIOSH, 1 2003-2006.

Environmental Epidemiology Training Program (Epidemiology Program Director, L Kupper, PI), Training Grant (T32 ES007018) NIEHS, National Institutes of Health, 2006.

Cancer Epidemiology Training Program (Program Faculty, A Olshan, Program Director), National Cancer Institute, National Institutes of Health.

Homicide during robbery: a case-control study (Principal Investigator). R01, NIOSH, Oct 03-30 Sept 05, $365,000.

Fatal occupational injury trends: a contextual analysis (Principal Investigator). R01, NIOSH, 30 Sept 00-29 Sept 04, $329,000.

Occupational injuries among commercial fishers (Principal Investigator). R01, NIOSH, 1 Jun 00-31 November 04, $689,000.

Work and health disparities among rural women (Co-Investigator; Hester Lipscomb, PI). NIEHS, Oct 00-Sept 05, $1,999,000.

Bahia-US Environmental Epidemiology Training and Research (Program Director). Fogarty International Center, National Institutes of Health: 01 October 1996-30 September 2003. $652,000.

Organic solvent mixtures and neuropsychological outcomes (Co-Investigator and Mentor; Ellen Kirrane, PI). R03, NIOSH, 1 April 01-31 March 03, $50,000.

Interactions between mercury and infectious diseases in Brazil (Principal Investigator). Fogarty International Center, National Institutes of Health: Dec 99-Sept 02. $20,000.

Occupational Injury Surveillance in North Carolina (Principal Investigator). Centers for Disease Control: 1 Sept 1994-31 December 1999, $401,000. (Funded through UNC Injury Prevention Research Center Grant, C. Runyan, Program Director).

Cancer mortality in minority workers (Principal Investigator). R01, National Cancer Institute, Dec 95 Oct 98. $168,782.

Fulbright Award for Teaching and Research at the Instituto Nacional de Salud Pública de México, Senior Lecturer Award (Principal Investigator). J. William William Fulbright Foreign Scholarship Board/Fulbright-Garcia Robles Foundation: 1996-97 academic year.

Epidemiologic Study of Utility Workers Exposed to Electromagnetic Fields: Phase III (Co- Investigator). Electric Power Research Institute: $197,000; 1 June 1994 - 31 May 1995.

Ozone Exposure and Daily Mortality in Mexico City (Principal Investigator). Health Effects Institute: 1 June 1993-31 March 1995, $110,000.

Epidemiologic Study of Utility Workers Exposed to Electromagnetic Fields: Phase II (Co-Principal Investigator). Electric Power Research Institute: $5,000,000; 1 April 1989-31 May 1994.

TEACHING ACTIVITIES

Academic Courses

University of Nevada

The World's Health (CHS 461/661): Course creator and instructor 2009-2010, 2019

Chronic Disease Epidemiology (CHS 722): Instructor, Spring 2019-

Environmental Health (CHS 725): Instructor, Spring 2018

Epidemiology in Public Health (CHS 712): Instructor, Fall 2018

Introduction to Exposure Assessment & Control (CHS 735): Co-Instructor 2009

Readings in Environmental & Occupational Health (PUBH 794): Instructor, 2007

Critical Issues in Epidemiology (PUBH 709): Instructor 2008

University of Nebraska

Epidemiology in Public Health (EPI 820): Co-Instructor, 2011

University of North Carolina

Occupational Epidemiology (Epid 276): Principal Instructor 1997-2006, Co-Instructor, 1991-1996

Epidemiologic Analysis of Time to Event Data (Epic 271): Co-Instructor 2004-2006.

Readings in Injury Epidemiology (Epid 390): Co-Instructor 2002-2006.

History of Epidemiology (Epid 216): Instructor, 1992-2005.

Environmental Epidemiology (Epid 277): Principal Instructor, 1998-2002.

Epidemiological Surveillance in Public Health (Epid 213): Instructor, 1994-1997

Advanced Methods for Epidemiologic Data Analysis (Epid 269): Co-Instructor, 1997

Theory & Quantitative Methods in Epidemiology (Epid 268): Principal Instructor, 1990-93.

Exposure Assessment for Occupational and Environmental Epidemiology (Epid 140): Instructor, 1991.

Advanced Methods in Epidemiology (Epid 268): Co-Instructor, 1989.

International Graduate Short Courses

IARC Summer School, Analytical Epidemiology. Instructor. Lyon, France, 2013, 2014, 2017.

Analysis of Occupational Injuries: Advanced Methods and International Comparisons (in Spanish), Pompeu Fabra University, Barcelona, Spain: Instructor, 2006.

Advanced Methods in Epidemiology (in Spanish). International Summer Course, School of Public Health, University of Chile, Santiago, Chile: Instructor 2004-2005.

Occupational Epidemiology (in Spanish), International Summer Course, School of Public Health, University of Chile, Santiago, Chile: Instructor, 2000, 2003.

Environmental Epidemiology (in Spanish), International Summer Course, School of Public Health, University of Chile Santiago, Chile: Instructor, 1999.

International Course on Occupational and Environmental Epidemiology. Federal University of Bahia, Salvador-Bahia, Brazil: Principal Instructor, 1997.

Occupational and Environmental Epidemiology: Principles of Exposure Assessment. Wageningen, The Netherlands: Instructor, 1995-2002.

Occupational Epidemiology, Federal University of Bahia, Salvador-Bahia, Brazil: 1995.

Occupational and Environmental Epidemiology, International Course on Epidemiology, University of Ulm, Ulm, Germany: Instructor, 1995.

Intermediate and Advanced Methods in Epidemiology: International Course on Epidemiology, University of Ulm, Ulm, Germany: Instructor, 1991-1993.

GRADUATE STUDENT SUPERVISION

Direction of Doctoral Research

19 completed at the University of North Carolina, 1993-2008.

Direction of Master's Research

12 completed at the University of North Carolina, 1991-2007.
1 completed, University of Nevada, Reno, 2012.
1 completed, University of Nebraska Medical Center/IARC, 2013.

Service on Doctoral and Master's Committees

Member of over 50 other master's and doctoral committees at the University of North Carolina, University of Nebraska Medical Center, University of Nevada, Reno, Aarhus University (Denmark), Instituto Nacional de Salud Pública (Mexico), Universidade Federal da Bahia (Brazil) and Università degli Studi di Torino (Italy).

PUBLIC AND PROFESSIONAL SERVICE

Study Sections

USA
Member, Special Emphasis Panel, Chronic Disease & Epidemiology, NIH-Center for Scientific Review, 2018.

Chair, Safety and Occupational Health Study Section, US NIH-Center for Scientific Review, 2000-2003

Chair, NIEHS/CDC Special emphasis panel on "Endocrine disruptors: epidemiologic approaches," 2000-2001

Permanent member, Safety and Occupational Health Study Section, 1998-2003

Reviewer, NIEHS Special Emphasis Panel on Electromagnetic Fields, 1996

Ad hoc reviewer, Safety and Occupational Health Study Section, 1995.

International
National Science Foundation of Portugal, grant reviewer for public health and epidemiology, 2000.

Other Review of Research and Grant Proposals (selected)

Agence Nationale de sécurité sanitaire de l'alimentation, de l'environnement et du travail (ANSES), France. Grant proposal review, 2014, 2017.

Barcelona Centre for International Health Research/Barcelona Institute for Global Health, Spain. Grant proposal review 2013, 2014

Health Effects Institute, USA. Grant proposal review, 1996-98, 2005

Asociación Chilena de Seguridad, Chile. Grant review, 2003-2005.

New Zealand Medical Research Council. Grant review 2004, 2008.

Canadian Cancer Etiology Network. Grant review, 2003.

National Institute for Occupational Safety and Health, USA. Site Visitor for Occupational Safety and Health Educational Resource Center grants, 1996.

U.S.-Mexico Foundation for Health: grant proposal review, 1993.

Editorial Service

Editorial Positions
Editor in Chief, *Occupational & Environmental Medicine*, 2009-2013
Deputy Editor, *Occupational & Environmental Medicine*, 2003-2008

Editorial Boards
Journal of Occupational and Environmental Hygiene: 2003-
Brazilian Journal of Epidemiology: 1996-
Ciencia & Trabajo: 2004-
Archivos de Prevención de Riesgos Laborales: 2005-

Applied Occupational and Environmental Hygiene: 1995-2003

Review of Manuscripts (Selected)

American Journal of Epidemiology
American Journal of Public Health
American Journal of Industrial Medicine
Annals of Occupational Hygiene
Cancer Causes and Control
Epidemiology
JAMA
Journal of Exposure Analysis and Environmental Epidemiology
Journal of Epidemiology and Community Health
Environmental Health
Environmental Health Perspectives
Lancet Global Health
Lung Cancer
Occupational and Environmental Medicine

Service to the Public Health Community

International Organizations

World Health Organization. Member, Air Quality Guideline Steering Committee. 2016-2017.

World Health Organization. Invited participant, expert committee on updating WHO Global Air Quality Guidelines. Bonn, Germany, September, 2015.

International Agency for Research on Cancer/WHO (Lyon, France). Member, IARC working group on bitumen and bitumen emissions. October, 2011.

Instituto Nacional de Salud Publica de México: Invited participant in workshop, "Effects of priority contaminants on human health in Mexico City: Implications for Decision-Making," Cuernavaca, Mexico, August, 1997.

Medical Research Council (United Kingdom)/World Health Organization: Invited participant in workshop, "Air Pollution and Health, Understanding the Uncertainties", Leicester, UK, February, 1994.

National Advisory Bodies

National Toxicology Program, Board of Scientific Counselors. 2011-2013

National Toxicology Program, National Institute of Environmental Health Sciences. Member, NTP Expert Panel on Cobalt Tungsten Carbide Powders, 2008.

Institute of Medicine, National Academy of Sciences: Member, Committee on Assessment of Vietnam Veterans' Exposures to Agent Orange, 1996-2003

National, State and Regional Government Agencies

California Environmental Protection Agency, Office of Environmental Health Hazard Assessment, Carcinogen Identification Committee. 2018-

National Toxicology Program, Contributor and Reviewer, Report on Carcinogens, 1999-2000

Occupational Safety and Health Administration: Advisory panel on exposure to carbon-disulfide, 2000.

National Institute for Occupational Safety and Health, Advisory panel on research needs in risk assessment, 2000.

Environmental Protection Agency: Consultation on design of air pollution monitoring programs, 1998.

CDC-ASPH Committee on the teaching of surveillance in schools of public health, 1996-97.

National Institute for Occupational Safety and Health: Peer Review Committee for Current Intelligence Bulletin on asphalt products, 1993

Centers for Disease Control: Expert committee to assess feasibility of a community epidemiologic study related to the Fernald (Ohio) nuclear feed materials facility, Springdale, OH, 1993

U.S. General Accounting Office: Advisory panel for study of working conditions in Mexico, 1992

North Carolina Department of Labor, Division of Occupational Safety and Health. Epidemiology consultant for inspections in the poultry-processing industry, 1999-2000.

North Carolina Dept. of Environment, Health and Natural Resources, Epidemiology Division: SENSOR Occupational Health and Safety Surveillance Project Steering Committee, 1993-97.

Institutional Service

University of Nevada, Reno

Environmental Health Search Committee, Chair, 2018-2019
Personnel Committee, Member 2019-
College of Health and Human Sciences Dean's Council, 2007-2008
School of Public Health Self-Study Committee, Chair, 2007-2008
School of Public Health Steering Committee, Chair 2007-2010
School of Public Health Research Committee 2007
School of Public Health Environmental Health Search Committee Chair, 2007
University Steering committee on sustainable environmental quality, 2009.

IARC

Selection Committees, 2012, 2013

University of Nebraska Medical Center

College of Public Health Leadership Council 2010-2012
College of Public Health Curriculum Committee, 2010-2012

College of Public Health Assessment Committee, 2011

University of North Carolina

School of Public Health Mission Statement Committee, 2006
School of Public Health Dean's Council, 2006
School of Public Health Global Health Advisory Committee: Chair 2003, member 2001-2004
School of Public Health Academic Programs Committee, 1996-1999.
School of Public Health International Programs Committee, 1991-1994.
Director, Environmental, Occupational, and Injury Epidemiology Program, 1997-2006
Department of Epidemiology Admissions Committee: Chair, 2003-2005; member 1996-2006
Environmental-Occupational Epidemiology Search Committee: Chair 2002-2004
Department of Epidemiology Faculty Search Committee, 1998-2003
Department of Epidemiology Promotion Committee, 1996-97
Department of Epidemiology Curriculum Committee: Chair, 1994-95, Member, 1996
Institute of Latin American Studies: Advisory Board, 1992-1997
Co-Director, Health and Environment Group, UNC-Duke Program on Latin American Studies, 1990-93.

Service to the Discipline of Occupational & Environmental Health

ISEE Scientific Committee, 2016
EPICOH Scientific Committee 2004, 2007, 2010, 2013, 2014, 2016
Co-Organizer, Workshop on Integrating Qualitative and Quantitative Methods in Occupational Epidemiology, EPICOH 2002, Barcelona Spain, September, 2002.
Convener, Workshop on Challenges in assessing exposure to occupational injury hazards. National Occupational Injury Research Symposium (NOIRS) 2000, September, 2000, Pittsburgh PA.
Co-Organizer, Workshop on Selecting the Optimal Measure of Exposure in Occupational Epidemiologic Studies, 11th International Symposium on Epidemiology in Occupational Health, International Committee on Occupational Health, Wageningen, The Netherlands, September, 1995.
Planning Board, Second National Conference on Occupational Surveillance, Amherst, MA, 1993.

SCHOLARLY & PROFESSIONAL SOCIETIES

Leadership positions:

Chair, Scientific Committee on Epidemiology, International Commission on Occupational Health (ICOH), 2006-2015

Management Group, Scientific Committee on Epidemiology, International Commission on Occupational Health (ICOH), 2002-2006.

Memberships:

International Commission on Occupational Health, since 1995
American Association of University Professors, 1993-2010
Delta Omega, since 1989